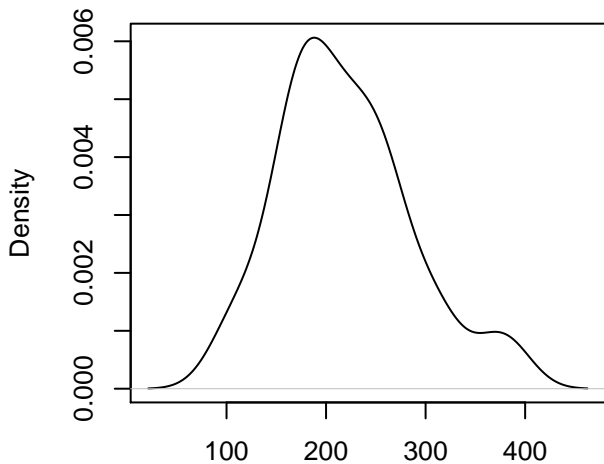
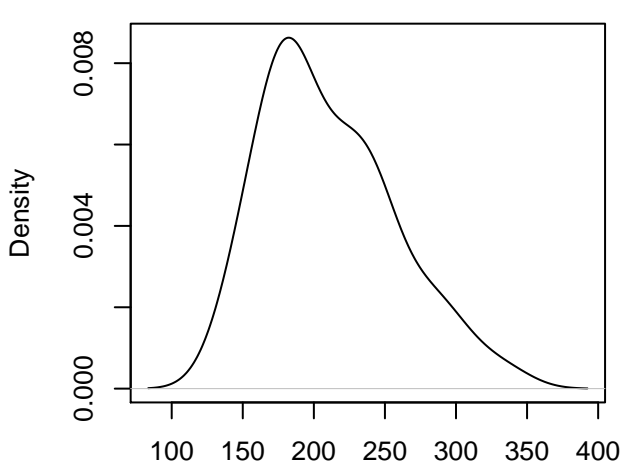


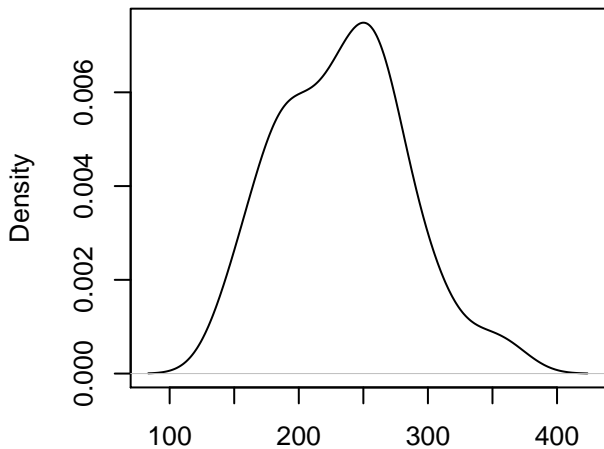
**Bp = 1 line = MAGIC.183 , Chr = 1**



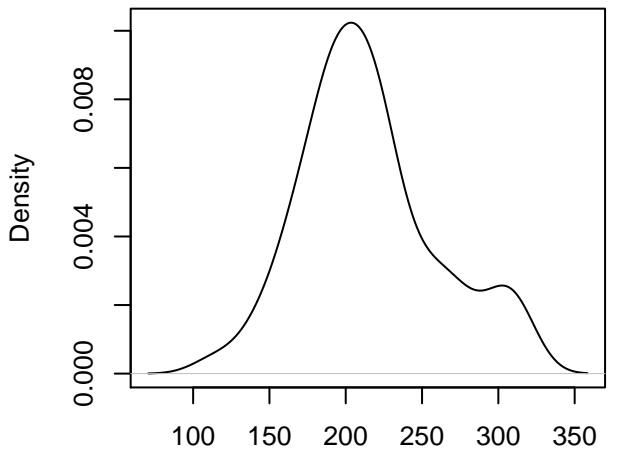
**Bp = 2 line = MAGIC.183 , Chr = 1**



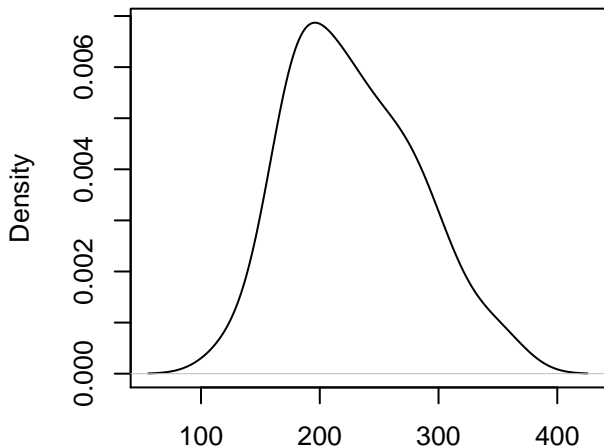
**Bp = 3 line = MAGIC.183 , Chr = 1**



**Bp = 4 line = MAGIC.183 , Chr = 1**

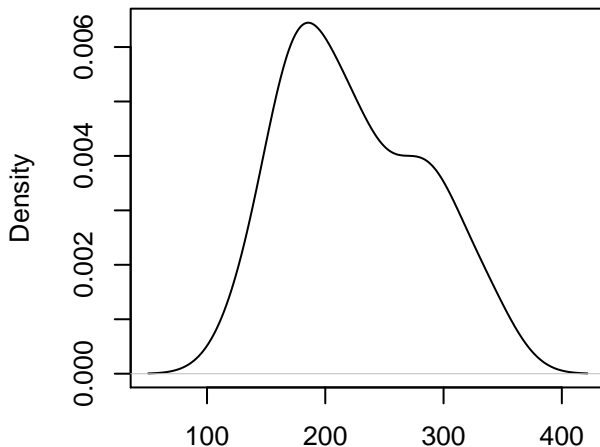


**Bp = 5 line = MAGIC.183 , Chr = 1**



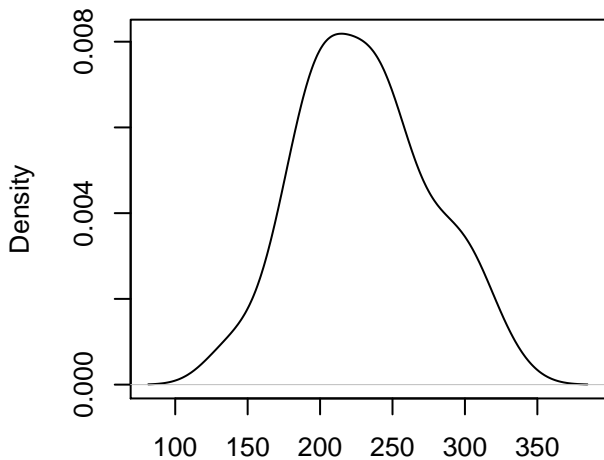
Insert size, N =39  
breakpoint: 232292 – 232303 tsu-0 ws-0

**Bp = 6 line = MAGIC.183 , Chr = 1**



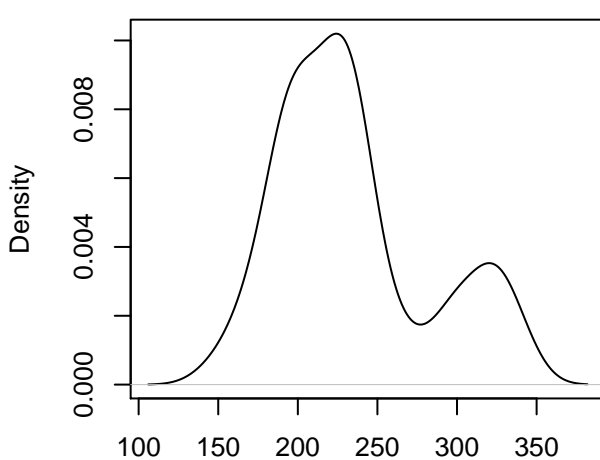
Insert size, N =46  
breakpoint: 342347 – 342616 ws-0 sf-2

**Bp = 7 line = MAGIC.183 , Chr = 1**



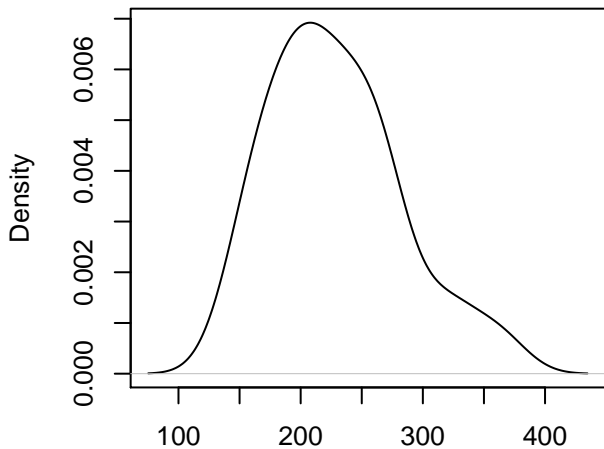
Insert size, N =58  
breakpoint: 524430 – 524442 sf-2 hi-0

**Bp = 8 line = MAGIC.183 , Chr = 1**



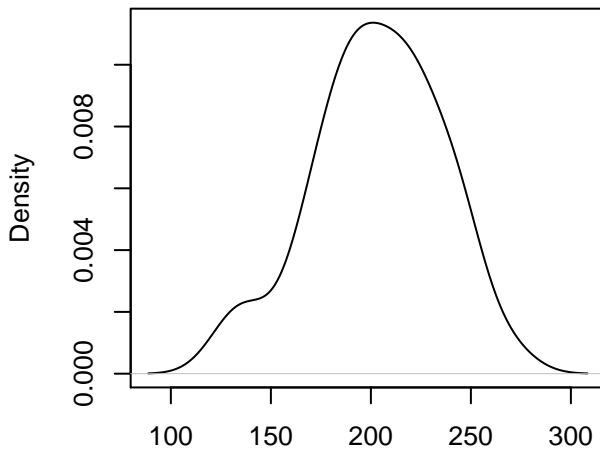
Insert size, N =65  
breakpoint: 572643 – 572657 hi-0 rsch-4

**Bp = 9 line = MAGIC.183 , Chr = 1**



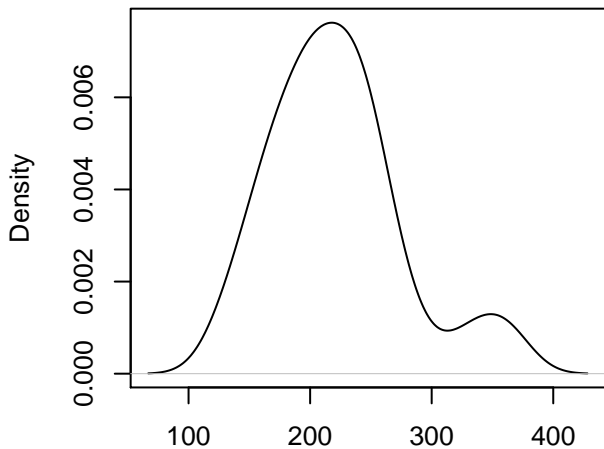
Insert size, N =45  
breakpoint: 671911 – 671989 rsch-4 wu-0

**Bp = 10 line = MAGIC.183 , Chr = 1**



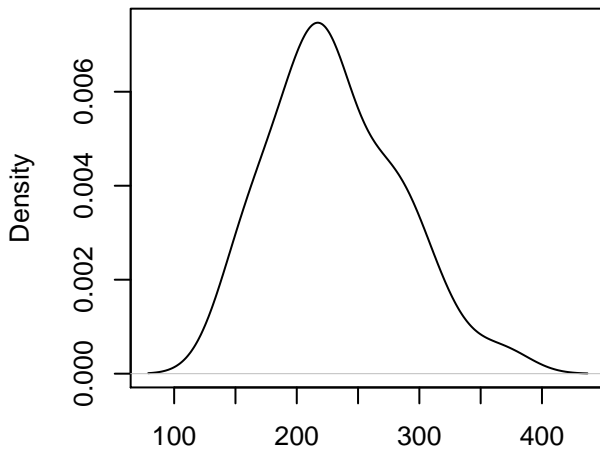
Insert size, N =41  
breakpoint: 727712 – 727753 wu-0 mt-0

**Bp = 11 line = MAGIC.183 , Chr = 1**



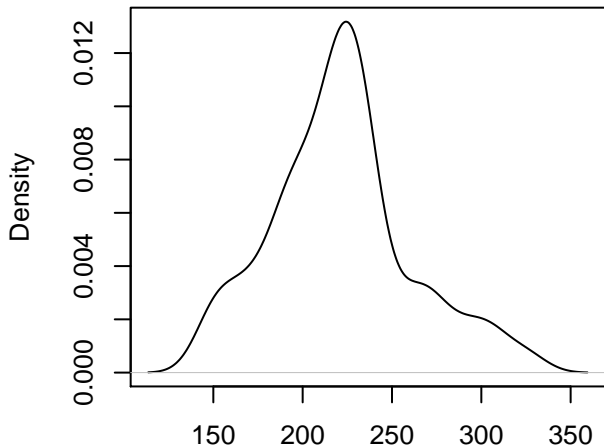
Insert size, N =45  
breakpoint: 769065 – 769074 mt-0 hi-0

**Bp = 12 line = MAGIC.183 , Chr = 1**



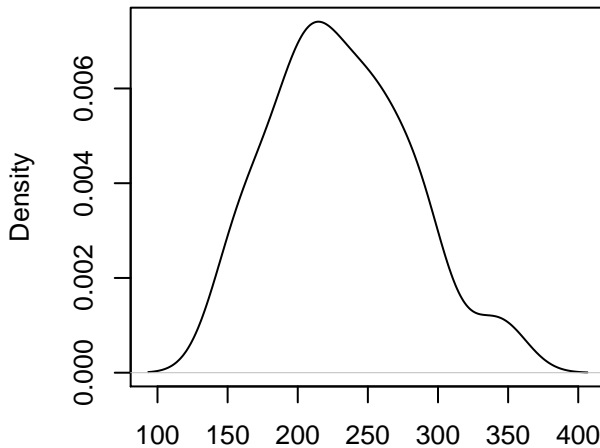
Insert size, N =35  
breakpoint: 1003330 – 1003529 hi-0 edi-0

**Bp = 13 line = MAGIC.183 , Chr = 1**



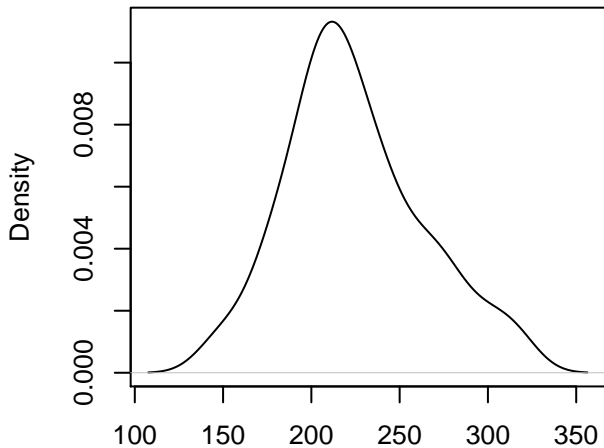
Insert size, N =59  
breakpoint: 1207631 – 1207742 edi-0 rsch-4

**Bp = 14 line = MAGIC.183 , Chr = 1**



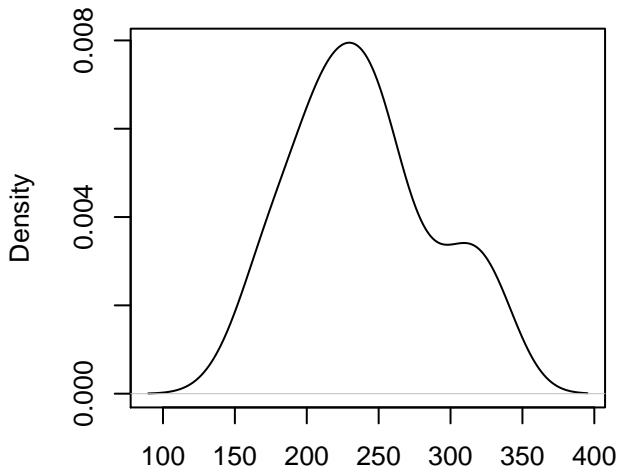
Insert size, N =55  
breakpoint: 1226581 – 1227079 rsch-4 ws-0

**Bp = 15 line = MAGIC.183 , Chr = 1**



Insert size, N =57  
breakpoint: 1435558 – 1435573 ws-0 bur-0

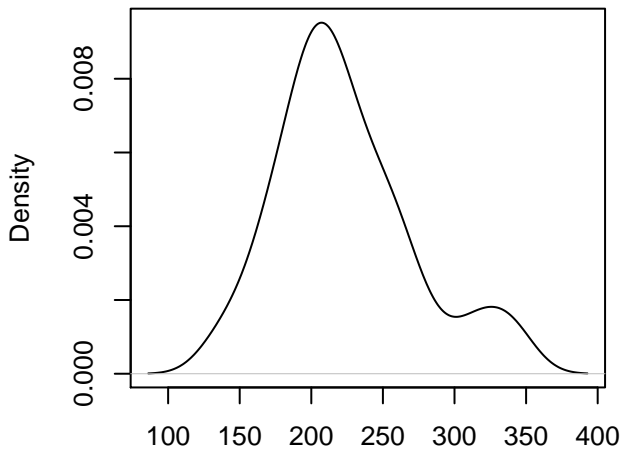
**Bp = 16 line = MAGIC.183 , Chr = 1**



Insert size, N =46  
breakpoint: 1479456 – 1479467 bur-0 ws-0

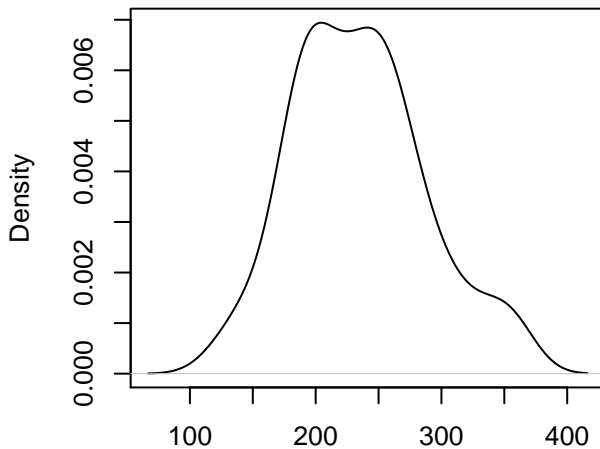


**Bp = 17 line = MAGIC.183 , Chr = 1**



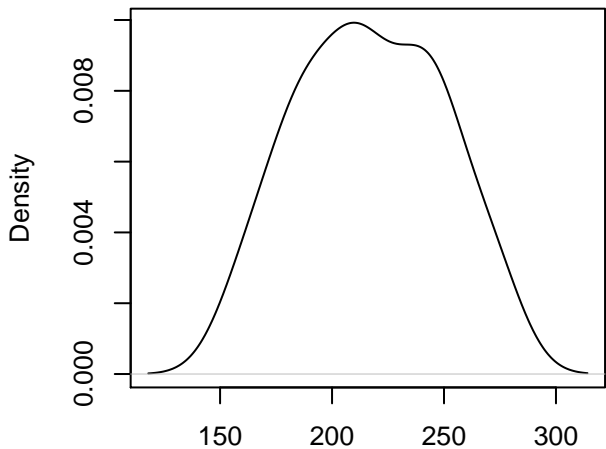
Insert size, N =49  
breakpoint: 1497526 – 1497552 ws-0 can-0

**Bp = 18 line = MAGIC.183 , Chr = 1**



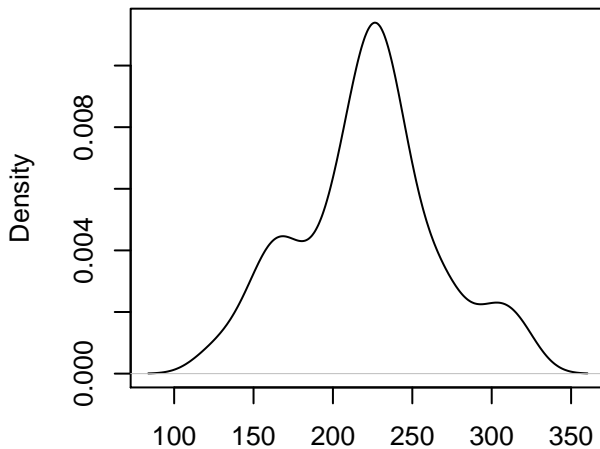
Insert size, N =57  
breakpoint: 1612977 – 1612981 can-0 rsch-4

**Bp = 19 line = MAGIC.183 , Chr = 1**



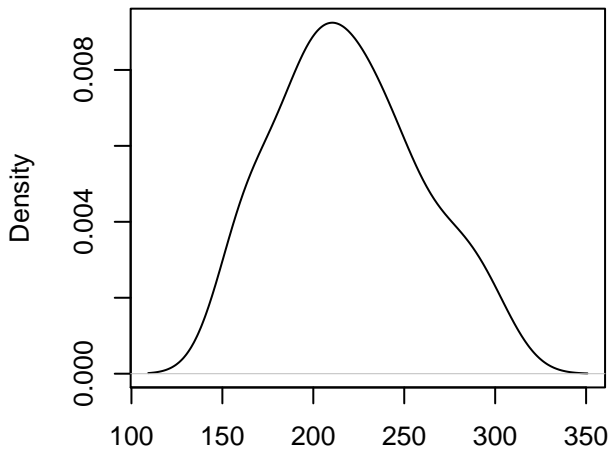
Insert size, N =43  
breakpoint: 1696411 – 1696421 rsch-4 oy-0

**Bp = 20 line = MAGIC.183 , Chr = 1**



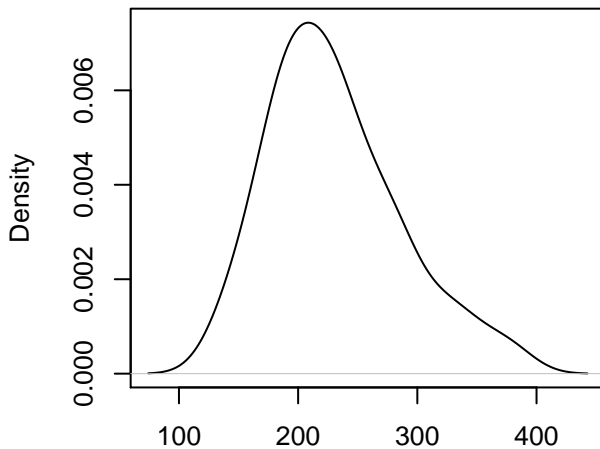
Insert size, N =55  
breakpoint: 1750128 – 1750176 oy-0 col-0

**Bp = 21 line = MAGIC.183 , Chr = 1**



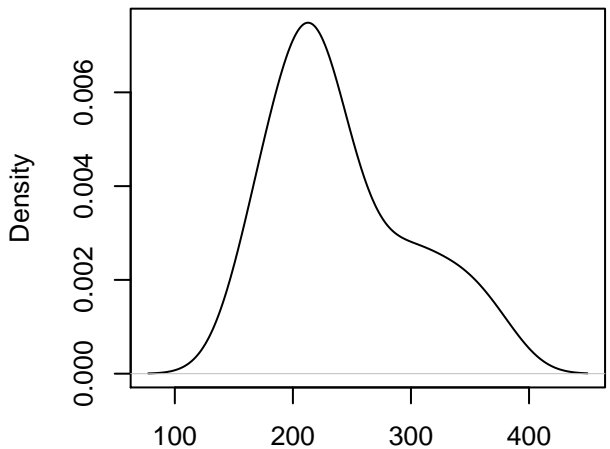
Insert size, N =50  
breakpoint: 1864590 – 1864671 col-0 oy-0

**Bp = 22 line = MAGIC.183 , Chr = 1**



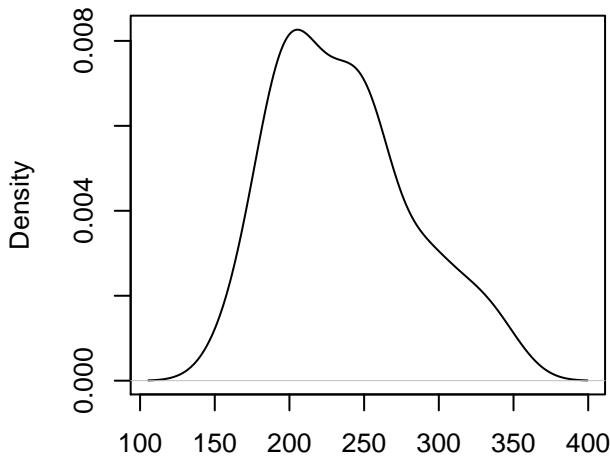
Insert size, N =65  
breakpoint: 1899935 – 1899944 oy-0 kn-0

**Bp = 23 line = MAGIC.183 , Chr = 1**



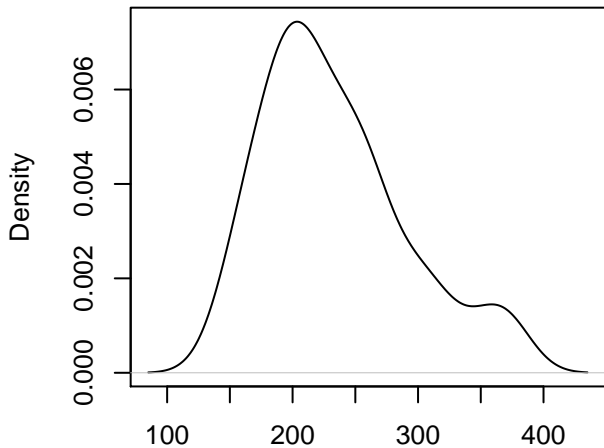
Insert size, N =51  
breakpoint: 1905913 – 1905931 kn-0 no-0

**Bp = 24 line = MAGIC.183 , Chr = 1**



Insert size, N =60  
breakpoint: 1966229 – 1966415 no-0 ws-0

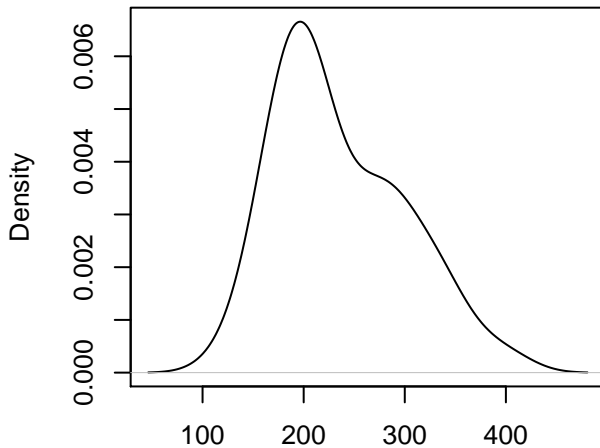
**Bp = 25 line = MAGIC.183 , Chr = 1**



Insert size, N =54

breakpoint: 2003346 – 2003516 ws-0 ct-1

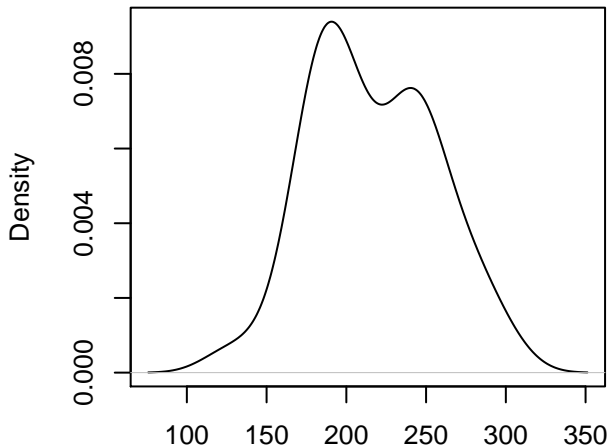
**Bp = 26 line = MAGIC.183 , Chr = 1**



Insert size, N =41

breakpoint: 2039657 – 2039697 ct-1 tsu-0

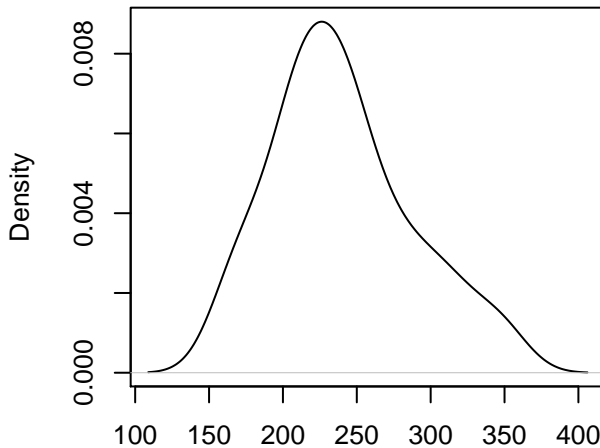
**Bp = 27 line = MAGIC.183 , Chr = 1**



Insert size, N =52

breakpoint: 2096567 – 2096593 tsu-0 col-0

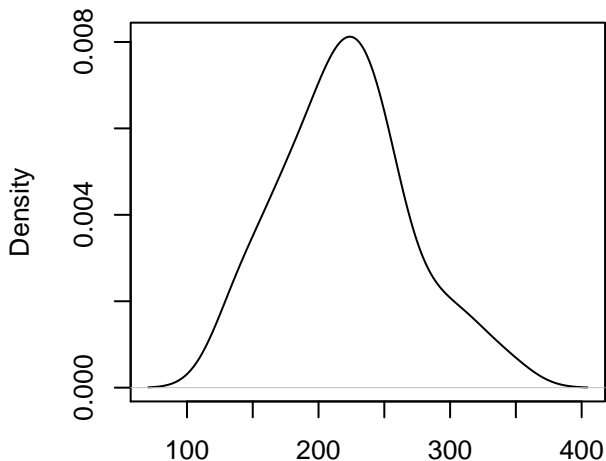
**Bp = 28 line = MAGIC.183 , Chr = 1**



Insert size, N =40

breakpoint: 2177204 – 2177315 col-0 wil-2

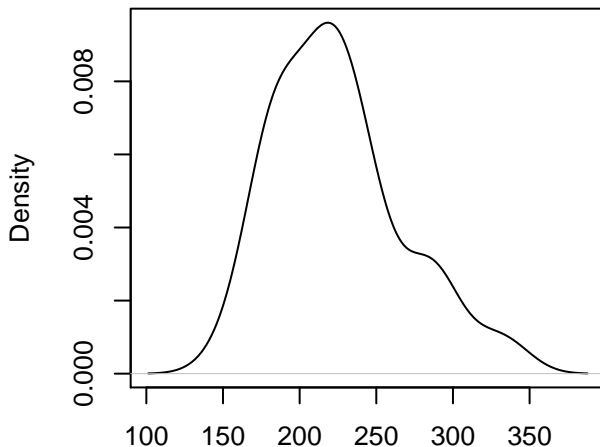
**Bp = 29 line = MAGIC.183 , Chr = 1**



Insert size, N =41

breakpoint: 2260047 – 2260100 wil-2 can-0

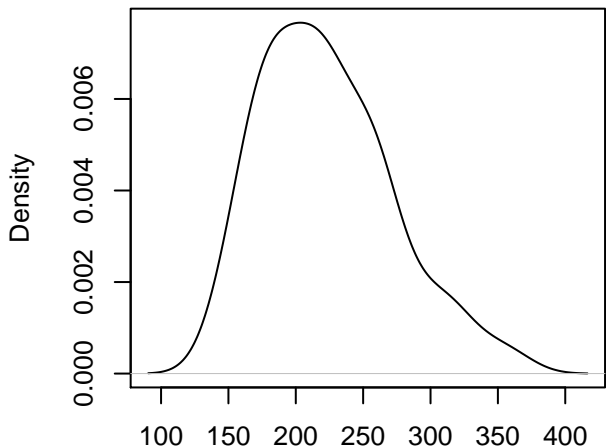
**Bp = 30 line = MAGIC.183 , Chr = 1**



Insert size, N =45

breakpoint: 2391077 – 2391080 can-0 edi-0

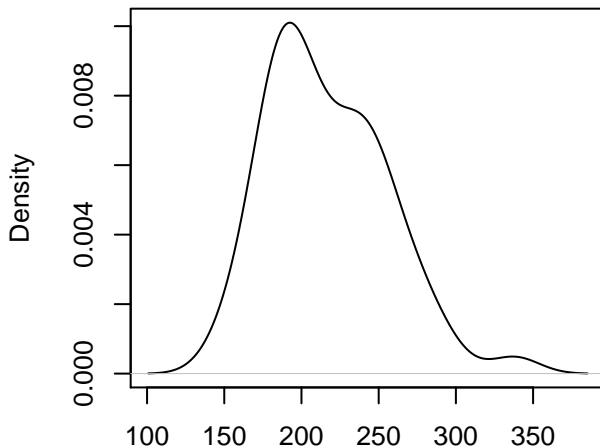
**Bp = 31 line = MAGIC.183 , Chr = 1**



Insert size, N =74

breakpoint: 2701778 – 2701780 edi-0 tsu-0

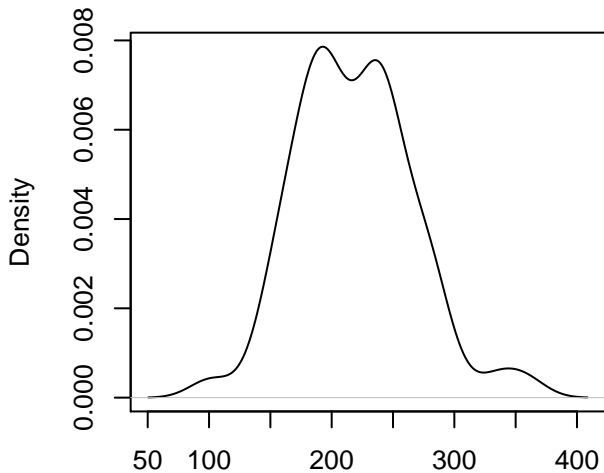
**Bp = 32 line = MAGIC.183 , Chr = 1**



Insert size, N =53

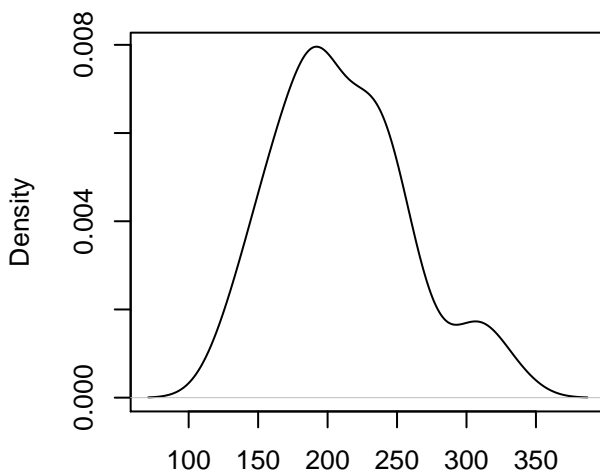
breakpoint: 2712316 – 2712443 tsu-0 ws-0

**Bp = 33 line = MAGIC.183 , Chr = 1**



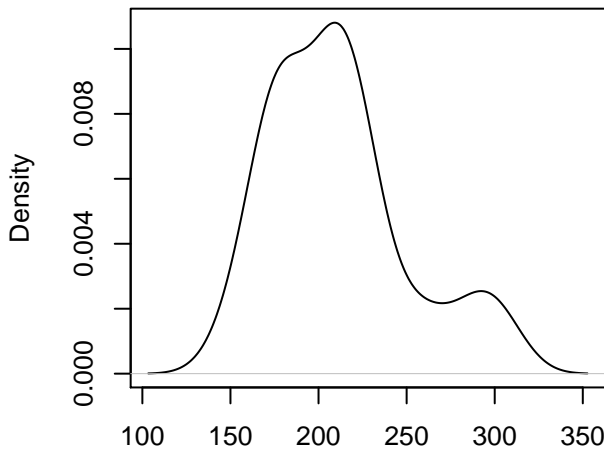
Insert size, N =56  
breakpoint: 2756035 – 2756103 ws-0 mt-0

**Bp = 34 line = MAGIC.183 , Chr = 1**



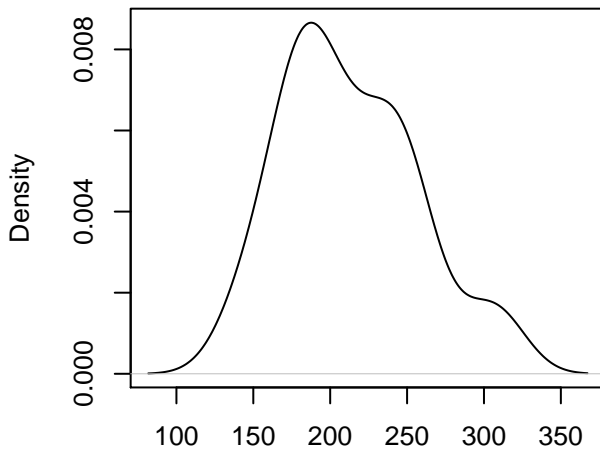
Insert size, N =47  
breakpoint: 2854099 – 2854132 mt-0 zu-0

**Bp = 35 line = MAGIC.183 , Chr = 1**



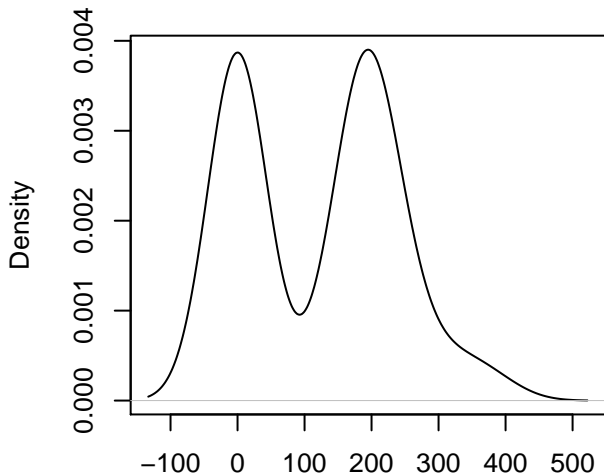
Insert size, N =48  
breakpoint: 2896486 – 2896647 zu-0 sf-2

**Bp = 36 line = MAGIC.183 , Chr = 1**

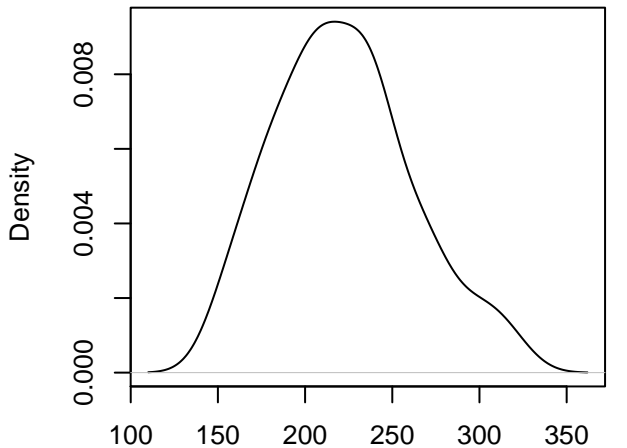


Insert size, N =37  
breakpoint: 3059727 – 3059728 sf-2 wu-0

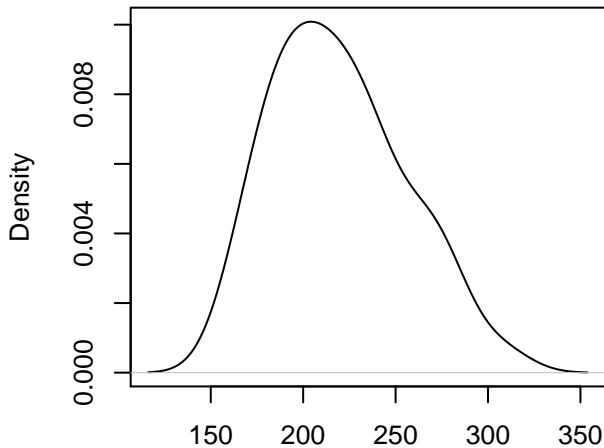
**Bp = 37 line = MAGIC.183 , Chr = 1**



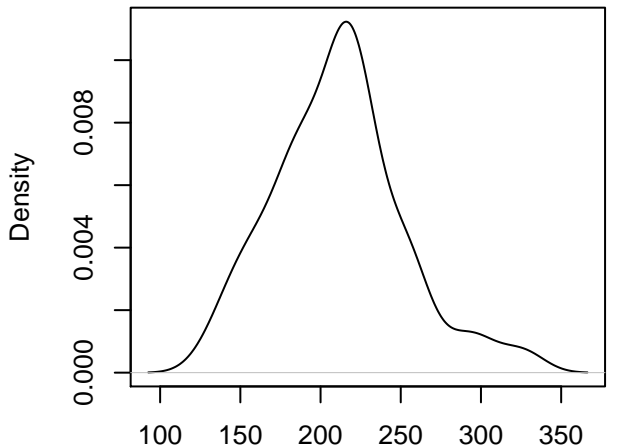
**Bp = 38 line = MAGIC.183 , Chr = 1**



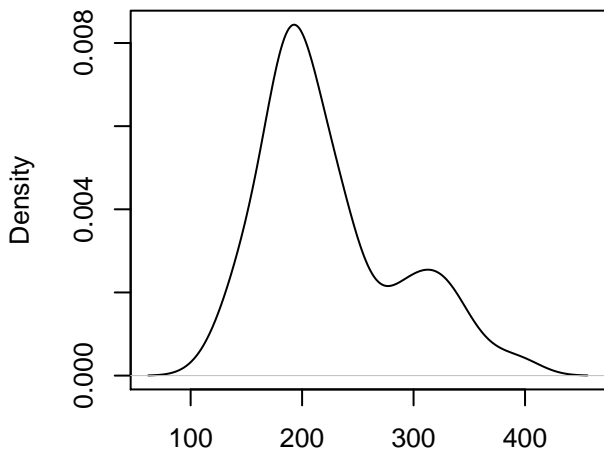
**Bp = 39 line = MAGIC.183 , Chr = 1**



**Bp = 40 line = MAGIC.183 , Chr = 1**

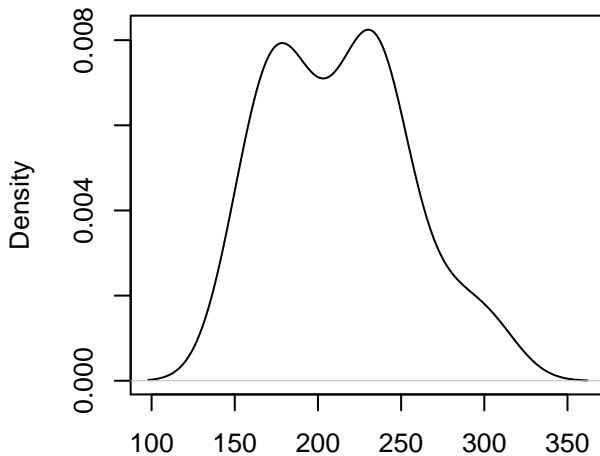


**Bp = 41 line = MAGIC.183 , Chr = 1**



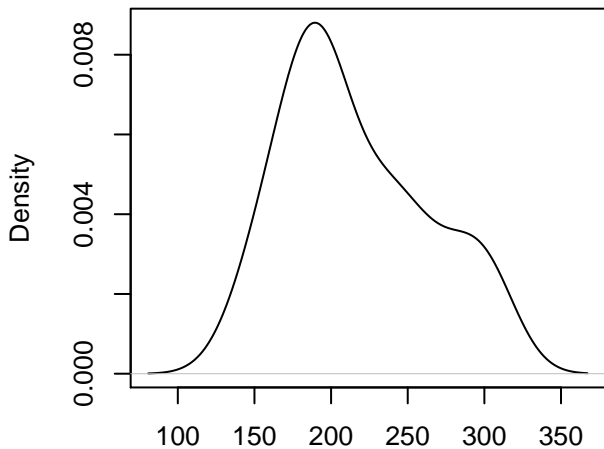
Insert size, N =55  
breakpoint: 3421689 – 3422053 no-0 tsu-0

**Bp = 42 line = MAGIC.183 , Chr = 1**



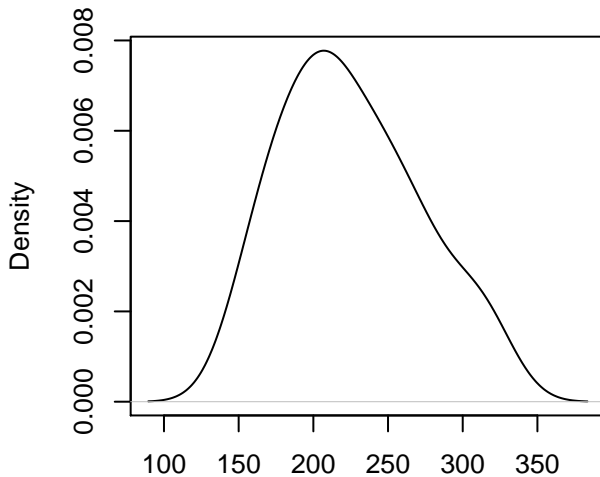
Insert size, N =38  
breakpoint: 3441141 – 3441165 tsu-0 edi-0

**Bp = 43 line = MAGIC.183 , Chr = 1**



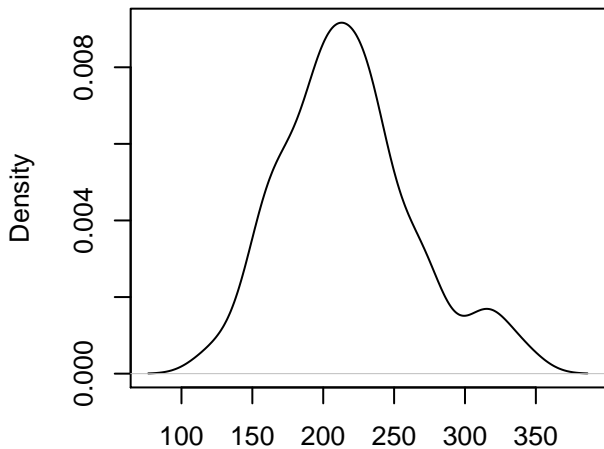
Insert size, N =45  
breakpoint: 3481363 – 3481364 edi-0 hi-0

**Bp = 44 line = MAGIC.183 , Chr = 1**



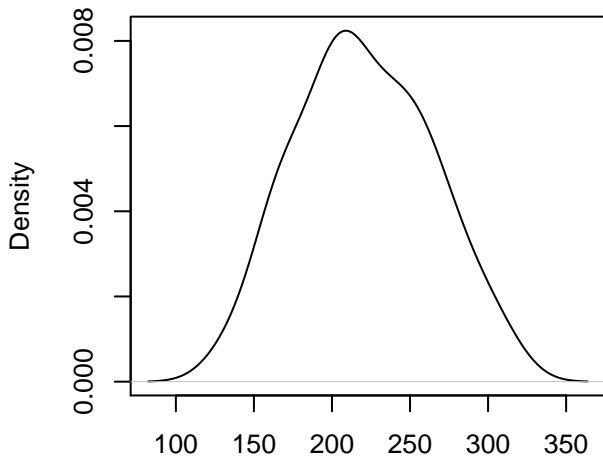
Insert size, N =50  
breakpoint: 3667203 – 3667224 hi-0 bur-0

**Bp = 45 line = MAGIC.183 , Chr = 1**



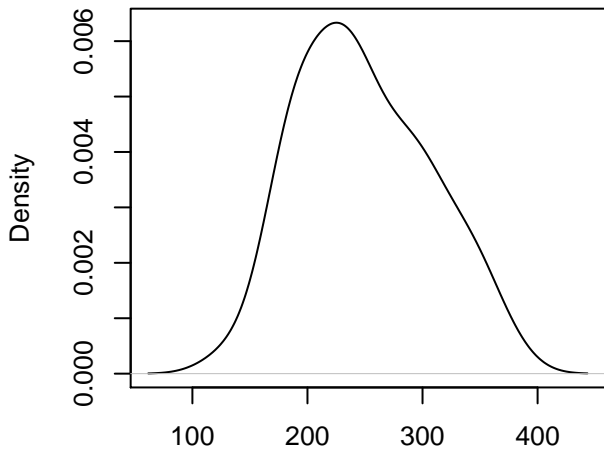
Insert size, N =51  
breakpoint: 3713084 – 3713155 bur-0 hi-0

**Bp = 46 line = MAGIC.183 , Chr = 1**



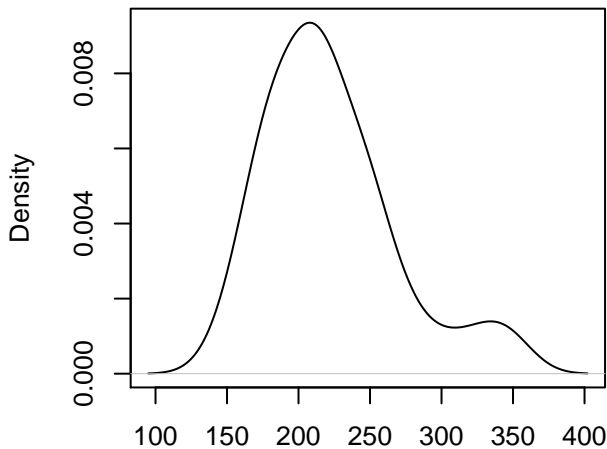
Insert size, N =61  
breakpoint: 3794778 – 3794791 hi-0 edi-0

**Bp = 47 line = MAGIC.183 , Chr = 1**



Insert size, N =46  
breakpoint: 3832113 – 3832156 edi-0 bur-0

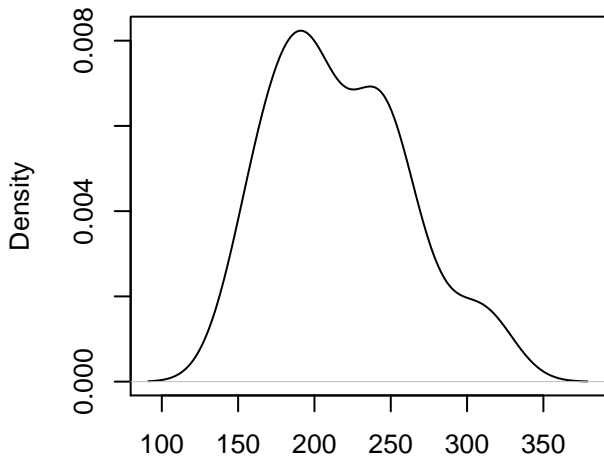
**Bp = 48 line = MAGIC.183 , Chr = 1**



Insert size, N =43  
breakpoint: 3996371 – 3996587 bur-0 hi-0

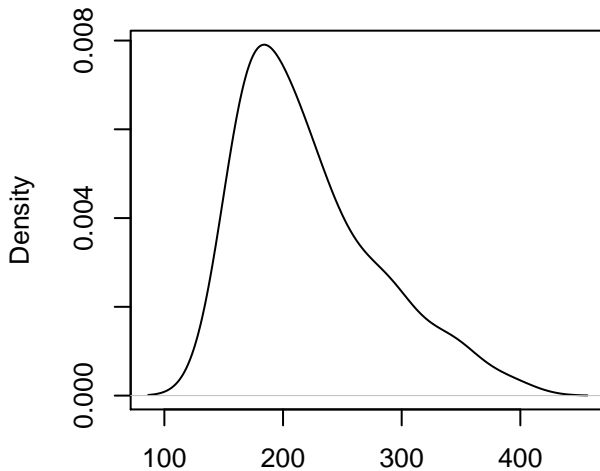


**Bp = 49 line = MAGIC.183 , Chr = 1**



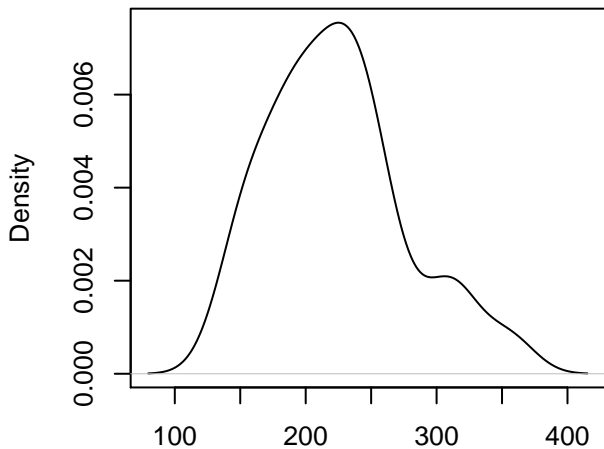
Insert size, N =61  
breakpoint: 4200552 – 4200690 hi-0 col-0

**Bp = 50 line = MAGIC.183 , Chr = 1**



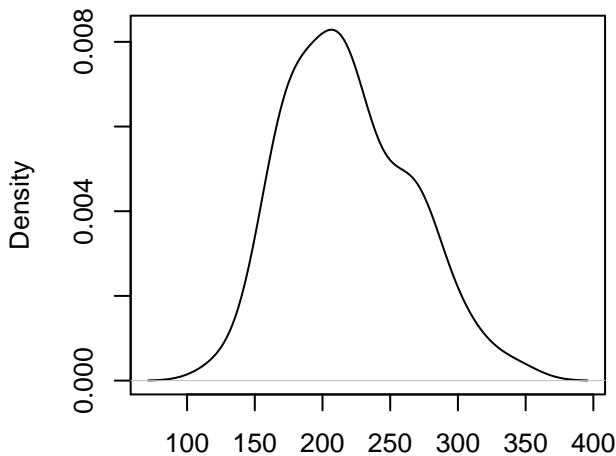
Insert size, N =54  
breakpoint: 4241688 – 4241693 col-0 zu-0

**Bp = 51 line = MAGIC.183 , Chr = 1**



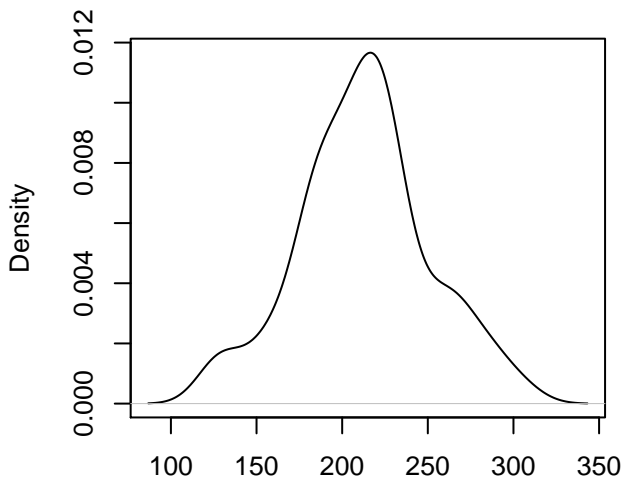
Insert size, N =53  
breakpoint: 4299042 – 4299058 zu-0 ct-1

**Bp = 52 line = MAGIC.183 , Chr = 1**



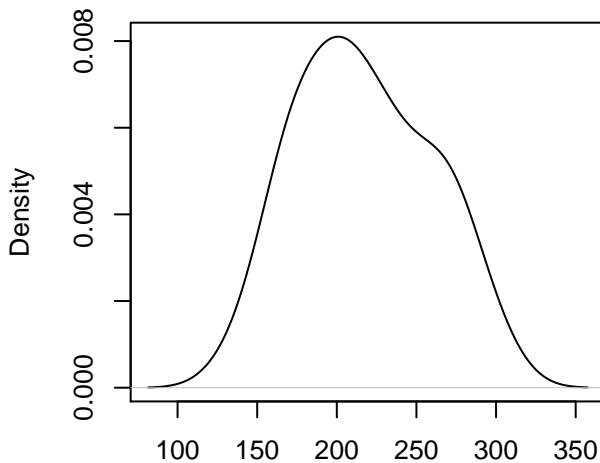
Insert size, N =62  
breakpoint: 4326182 – 4326186 ct-1 wu-0

**Bp = 53 line = MAGIC.183 , Chr = 1**



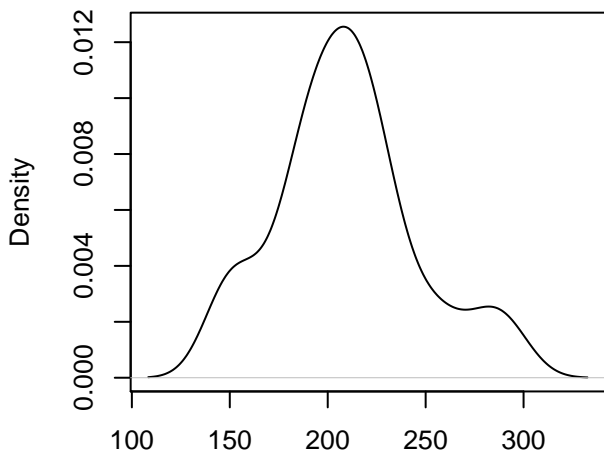
Insert size, N =59  
breakpoint: 4350754 – 4350775 wu-0 tsu-0

**Bp = 54 line = MAGIC.183 , Chr = 1**



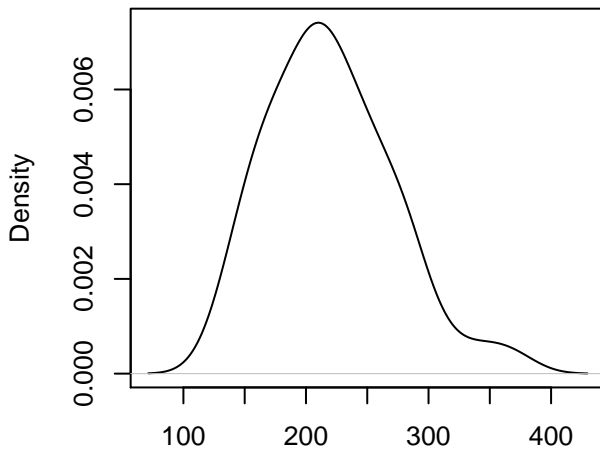
Insert size, N =40  
breakpoint: 4372649 – 4372866 tsu-0 rsch-4

**Bp = 55 line = MAGIC.183 , Chr = 1**



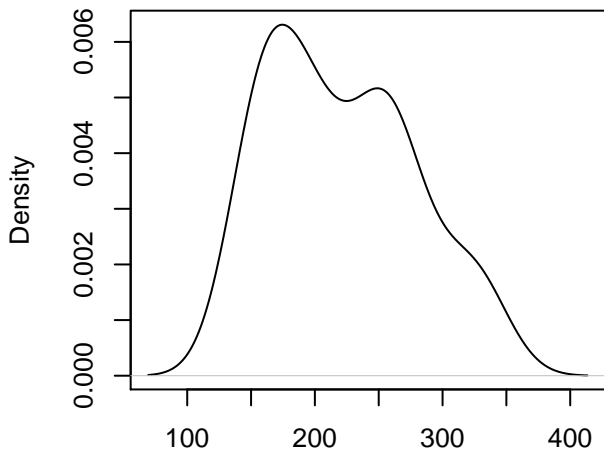
Insert size, N =36  
breakpoint: 4427743 – 4427784 rsch-4 tsu-0

**Bp = 56 line = MAGIC.183 , Chr = 1**

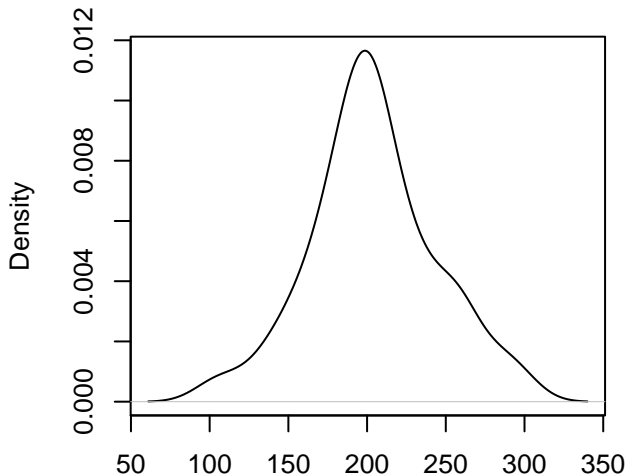


Insert size, N =54  
breakpoint: 4461017 – 4461046 tsu-0 mt-0

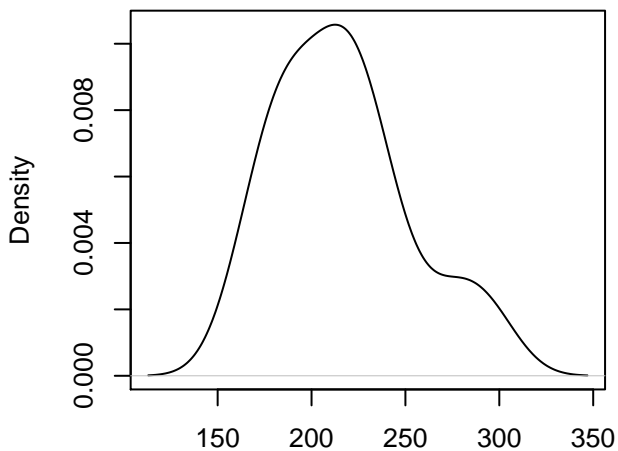
**Bp = 57 line = MAGIC.183 , Chr = 1**



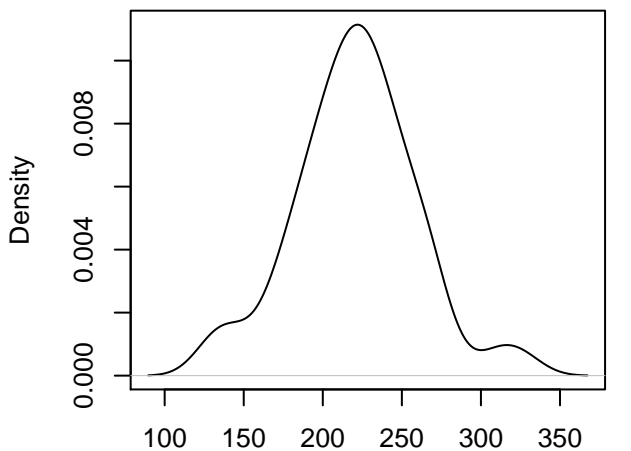
**Bp = 58 line = MAGIC.183 , Chr = 1**



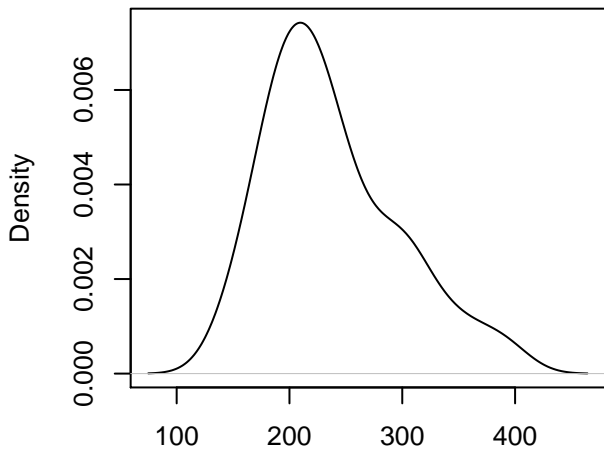
**Bp = 59 line = MAGIC.183 , Chr = 1**



**Bp = 60 line = MAGIC.183 , Chr = 1**

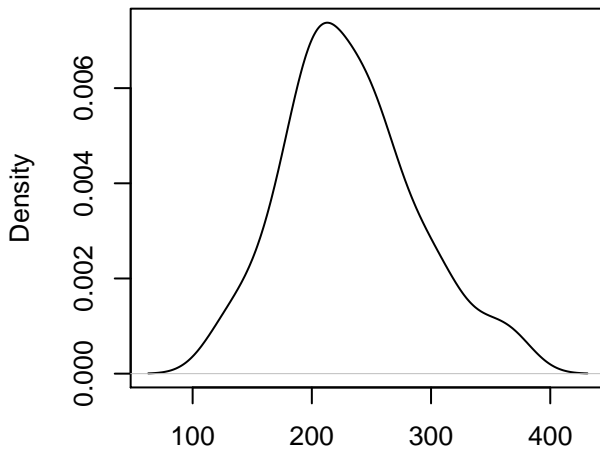


**Bp = 61 line = MAGIC.183 , Chr = 1**



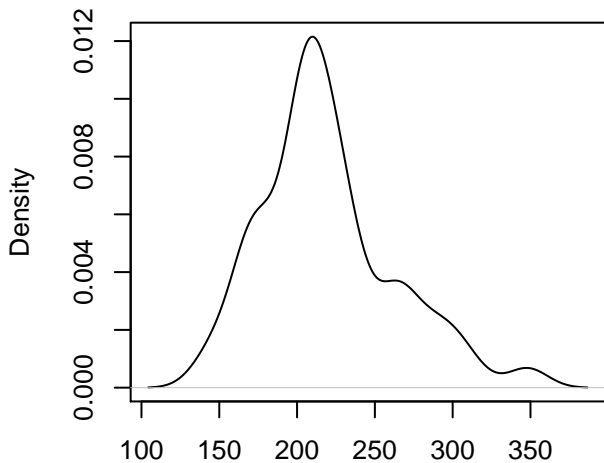
Insert size, N =77  
breakpoint: 4831642 – 4831643 col-0 no-0

**Bp = 62 line = MAGIC.183 , Chr = 1**



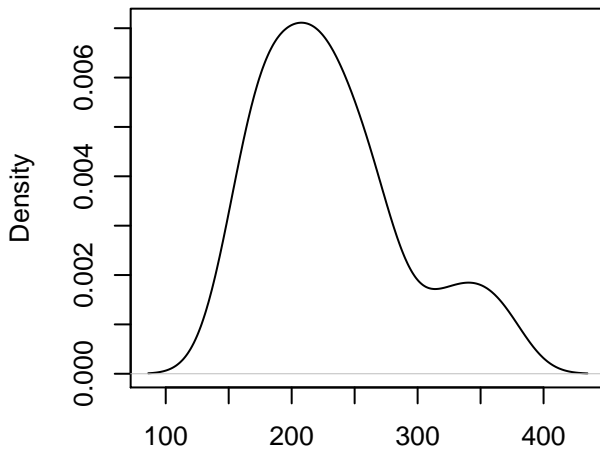
Insert size, N =62  
breakpoint: 4838942 – 4839051 no-0 hi-0

**Bp = 63 line = MAGIC.183 , Chr = 1**



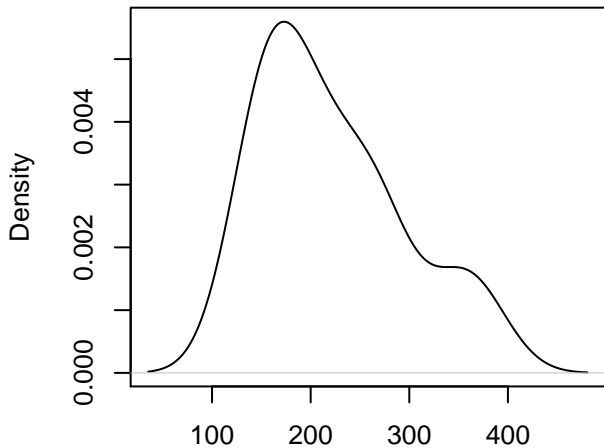
Insert size, N =46  
breakpoint: 5070394 – 5070739 hi-0 col-0

**Bp = 64 line = MAGIC.183 , Chr = 1**



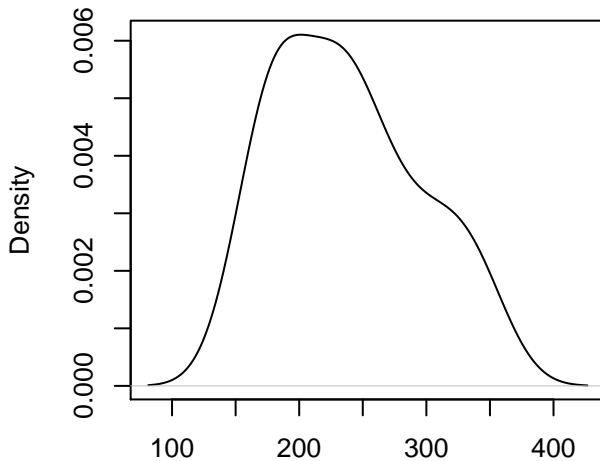
Insert size, N =70  
breakpoint: 5227818 – 5228200 col-0 mt-0

**Bp = 65 line = MAGIC.183 , Chr = 1**



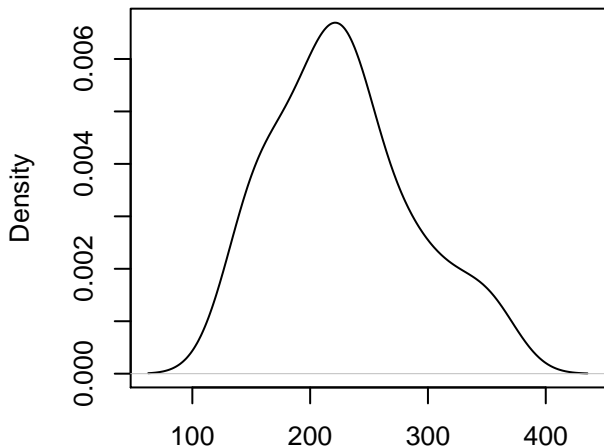
Insert size, N =21  
breakpoint: 5289694 – 5290291 mt-0 ws-0

**Bp = 66 line = MAGIC.183 , Chr = 1**



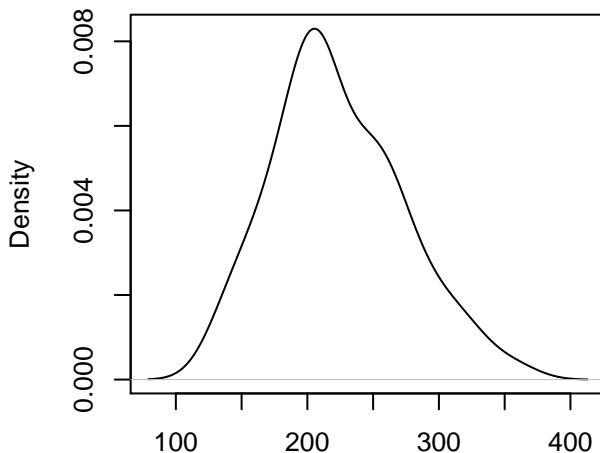
Insert size, N =34  
breakpoint: 5358976 – 5358977 ws-0 ler-0

**Bp = 67 line = MAGIC.183 , Chr = 1**



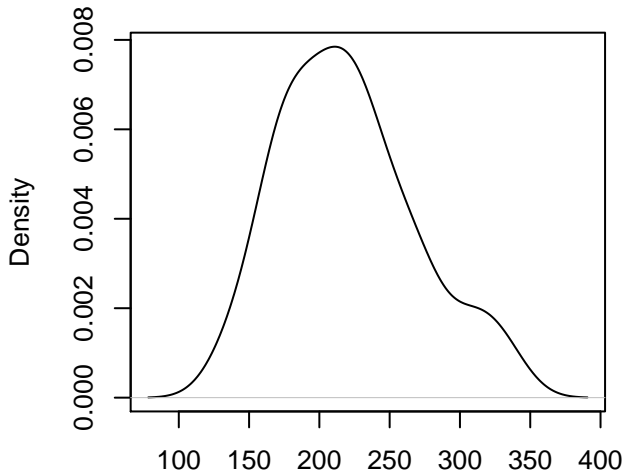
Insert size, N =47  
breakpoint: 5368955 – 5368982 ler-0 can-0

**Bp = 68 line = MAGIC.183 , Chr = 1**



Insert size, N =71  
breakpoint: 5390589 – 5390590 can-0 oy-0

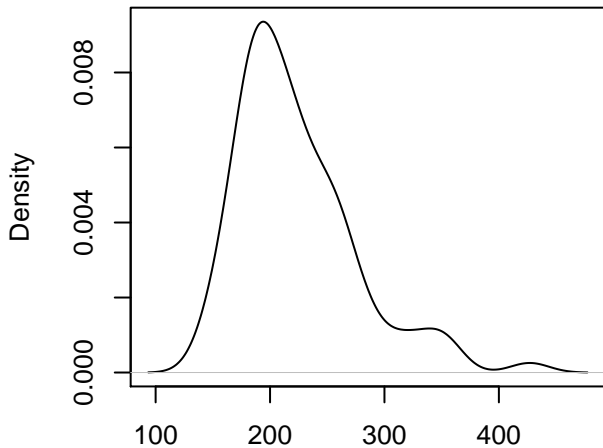
**Bp = 69 line = MAGIC.183 , Chr = 1**



Insert size, N =78

breakpoint: 5452273 – 5452424 oy-0 col-0

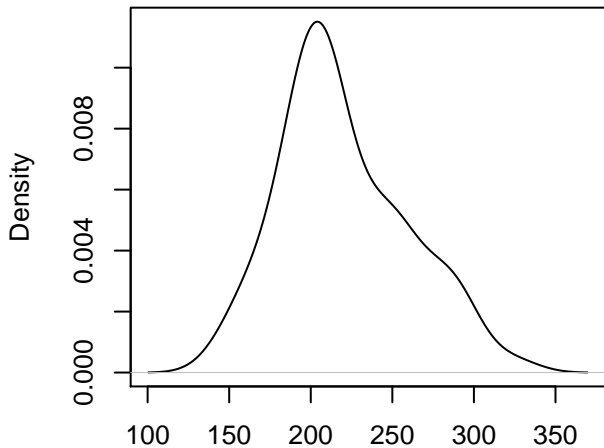
**Bp = 70 line = MAGIC.183 , Chr = 1**



Insert size, N =93

breakpoint: 5518997 – 5519169 col-0 can-0

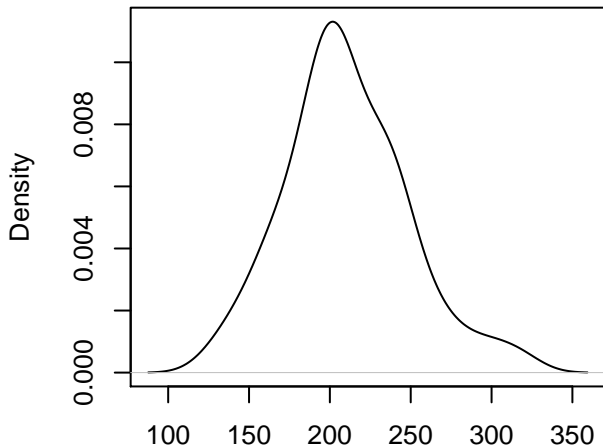
**Bp = 71 line = MAGIC.183 , Chr = 1**



Insert size, N =68

breakpoint: 5535749 – 5535937 can-0 ct-1

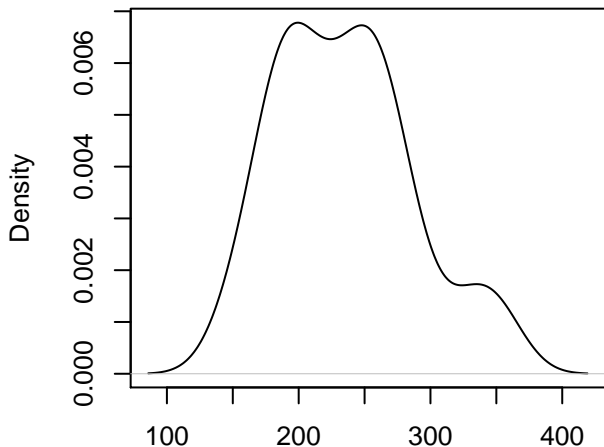
**Bp = 72 line = MAGIC.183 , Chr = 1**



Insert size, N =56

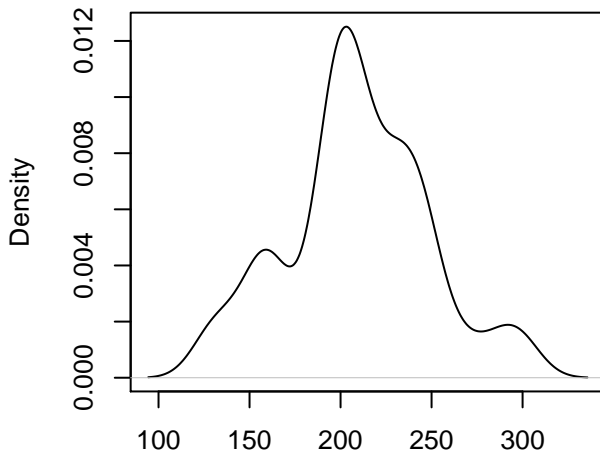
breakpoint: 5876572 – 5876579 ct-1 col-0

**Bp = 73 line = MAGIC.183 , Chr = 1**



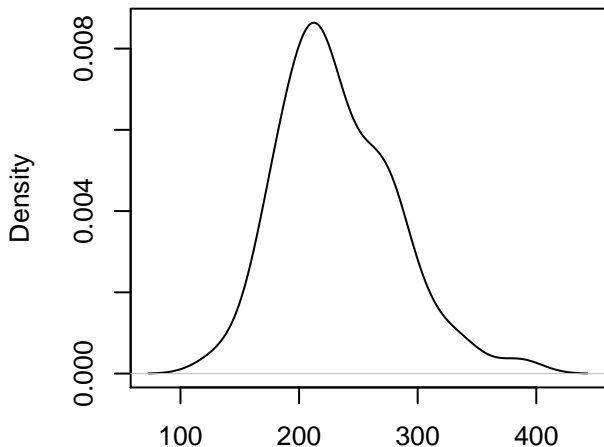
Insert size, N =48  
breakpoint: 5896468 – 5896689 col-0 oy-0

**Bp = 74 line = MAGIC.183 , Chr = 1**



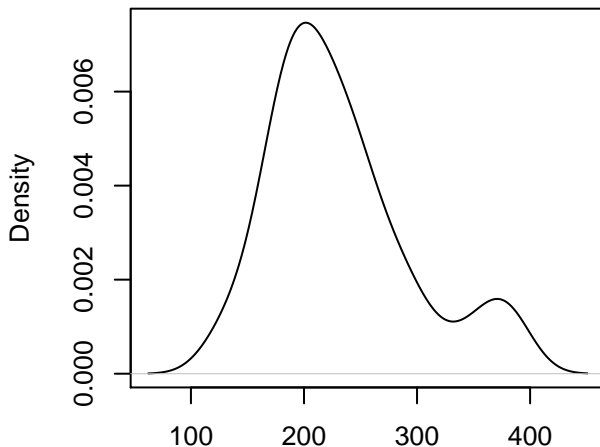
Insert size, N =36  
breakpoint: 5957842 – 5957929 oy-0 tsu-0

**Bp = 75 line = MAGIC.183 , Chr = 1**



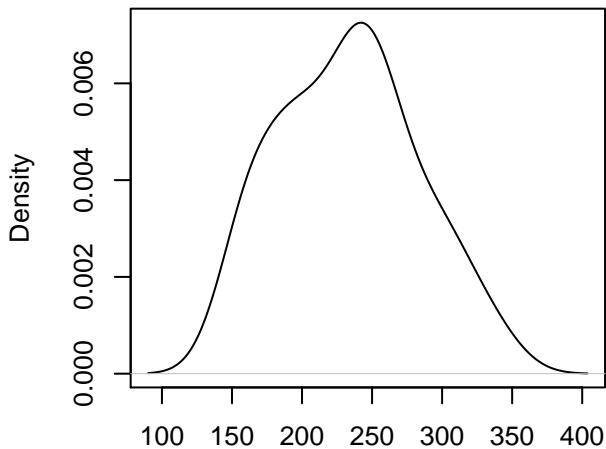
Insert size, N =61  
breakpoint: 6009703 – 6009704 tsu-0 zu-0

**Bp = 76 line = MAGIC.183 , Chr = 1**



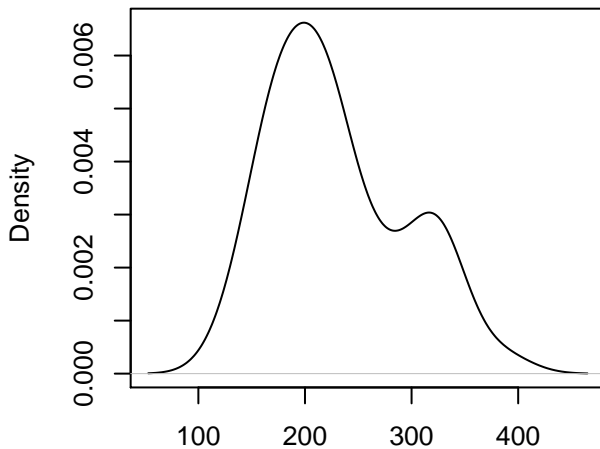
Insert size, N =62  
breakpoint: 6048548 – 6049033 zu-0 tsu-0

**Bp = 77 line = MAGIC.183 , Chr = 1**



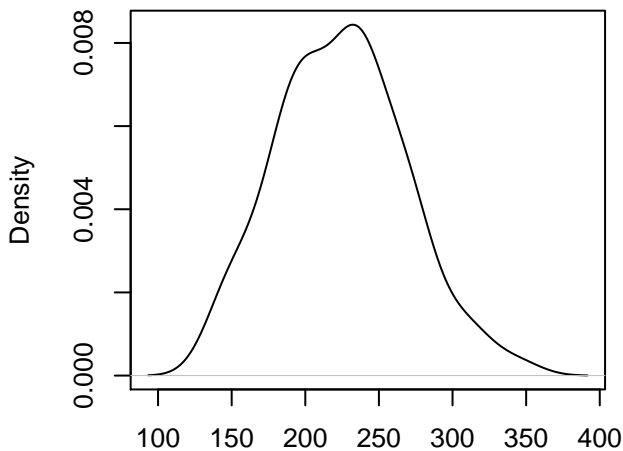
Insert size, N =47  
breakpoint: 6241418 – 6241455 tsu-0 edi-0

**Bp = 78 line = MAGIC.183 , Chr = 1**



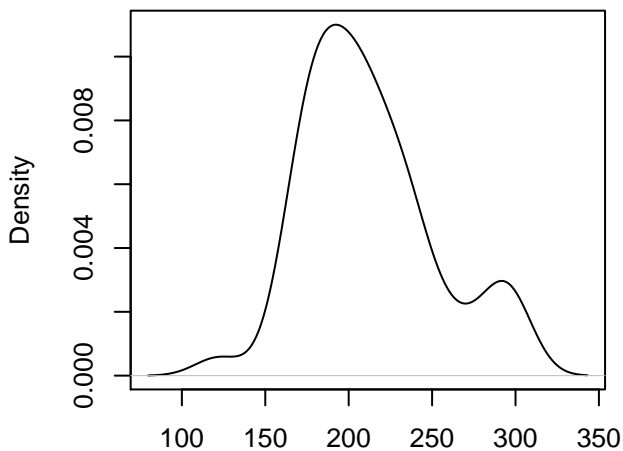
Insert size, N =43  
breakpoint: 6484618 – 6484636 edi-0 po-0

**Bp = 79 line = MAGIC.183 , Chr = 1**



Insert size, N =76  
breakpoint: 6522186 – 6522192 po-0 sf-2

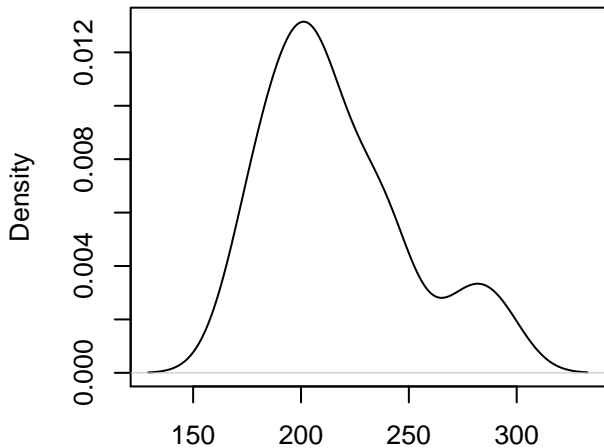
**Bp = 80 line = MAGIC.183 , Chr = 1**



Insert size, N =50  
breakpoint: 6544238 – 6544280 sf-2 ws-0

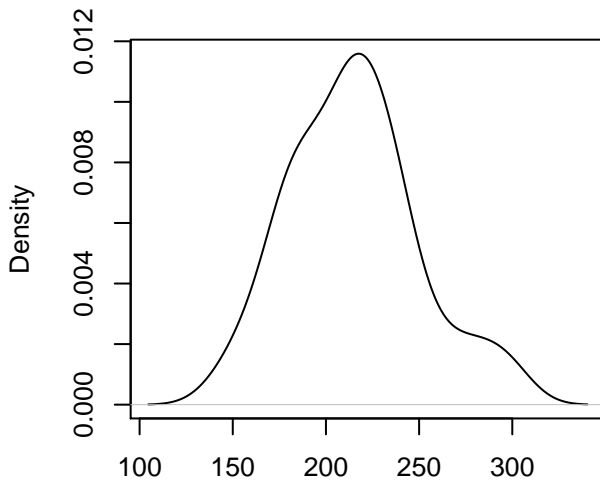


**Bp = 81 line = MAGIC.183 , Chr = 1**



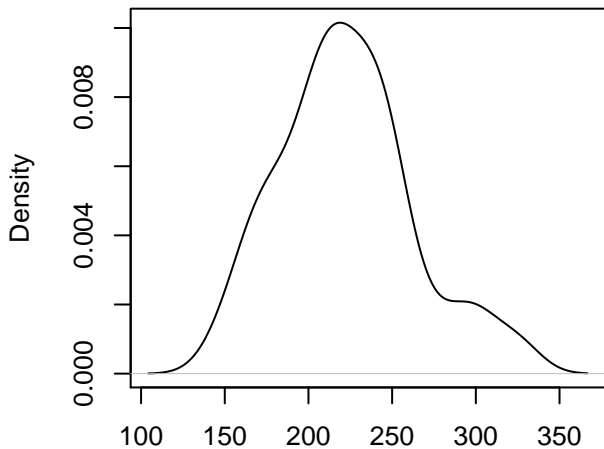
Insert size, N =30  
breakpoint: 6567632 – 6567834 ws-0 wil-2

**Bp = 82 line = MAGIC.183 , Chr = 1**



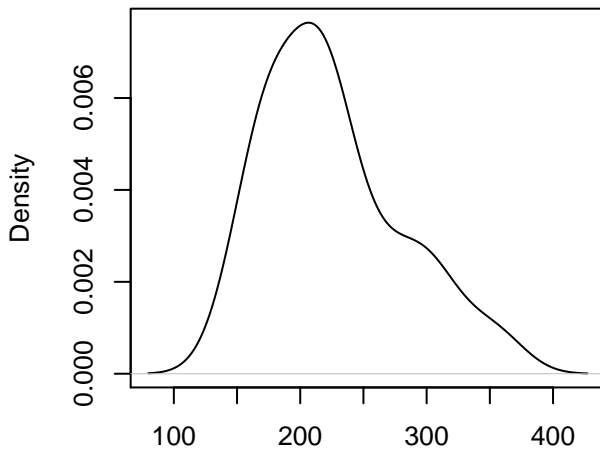
Insert size, N =44  
breakpoint: 6652346 – 6652410 wil-2 sf-2

**Bp = 83 line = MAGIC.183 , Chr = 1**



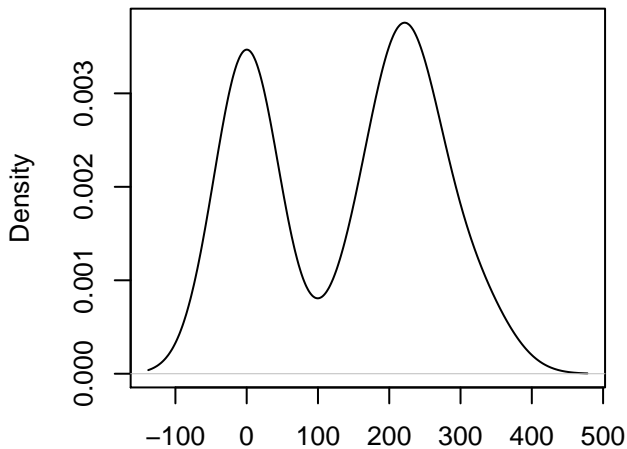
Insert size, N =67  
breakpoint: 6670956 – 6671108 sf-2 col-0

**Bp = 84 line = MAGIC.183 , Chr = 1**



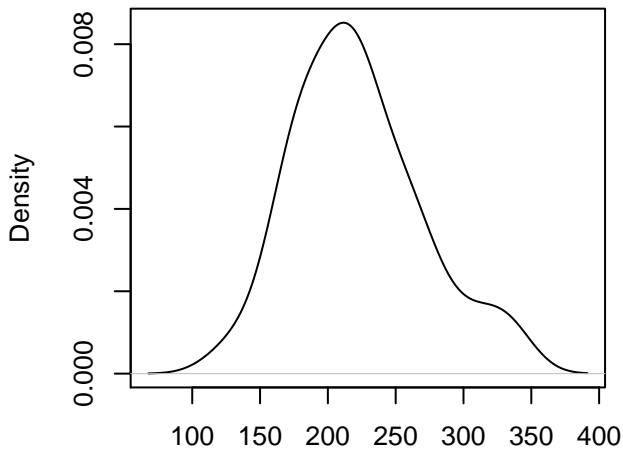
Insert size, N =42  
breakpoint: 6716757 – 6716768 col-0 oy-0

**Bp = 85 line = MAGIC.183 , Chr = 1**



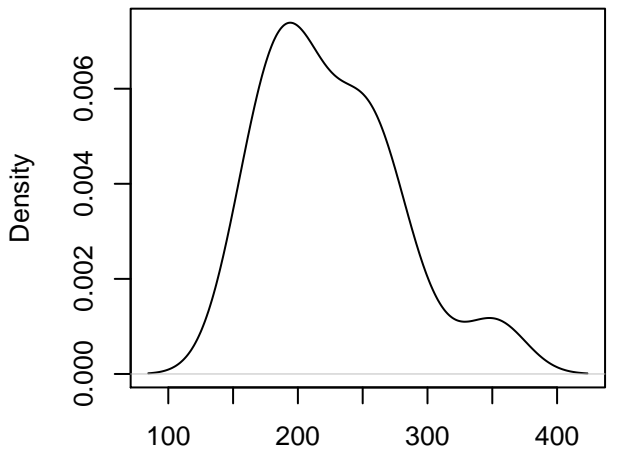
Insert size, N =70  
breakpoint: 6874761 – 6874790 oy-0 edi-0

**Bp = 86 line = MAGIC.183 , Chr = 1**



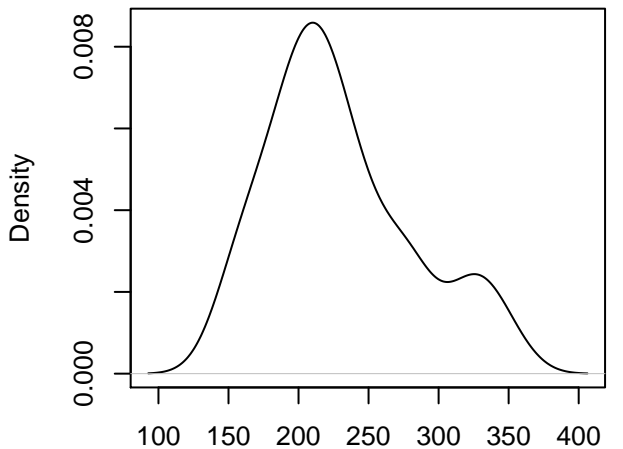
Insert size, N =55  
breakpoint: 7161943 – 7161964 edi-0 hi-0

**Bp = 87 line = MAGIC.183 , Chr = 1**



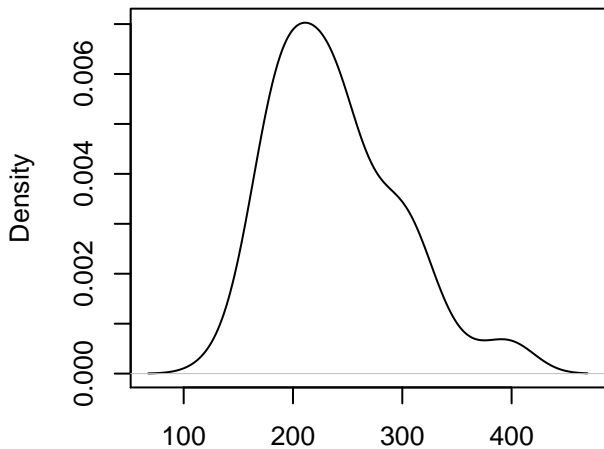
Insert size, N =31  
breakpoint: 7196786 – 7197063 hi-0 oy-0

**Bp = 88 line = MAGIC.183 , Chr = 1**



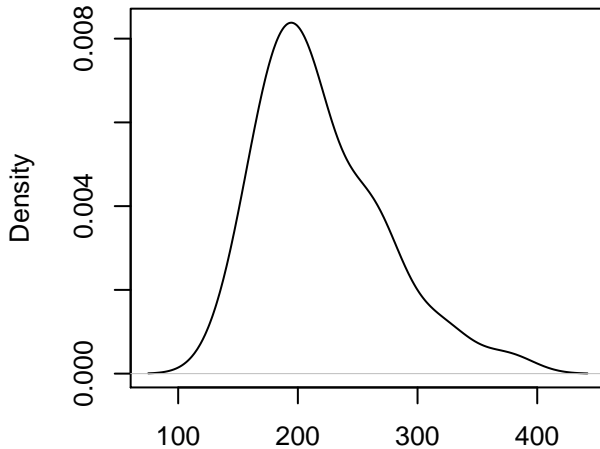
Insert size, N =69  
breakpoint: 7211123 – 7211440 oy-0 col-0

**Bp = 89 line = MAGIC.183 , Chr = 1**



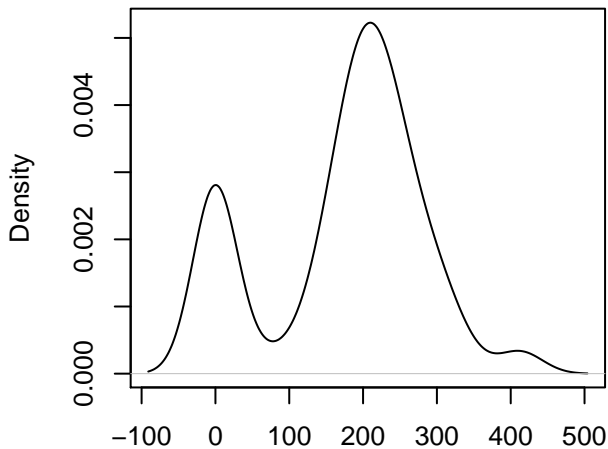
Insert size, N =57  
breakpoint: 7390046 – 7390068 col-0 wil-2

**Bp = 90 line = MAGIC.183 , Chr = 1**



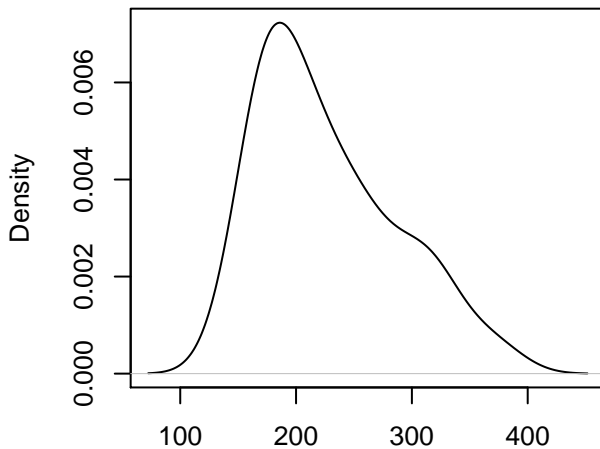
Insert size, N =40  
breakpoint: 7403687 – 7403693 wil-2 oy-0

**Bp = 91 line = MAGIC.183 , Chr = 1**



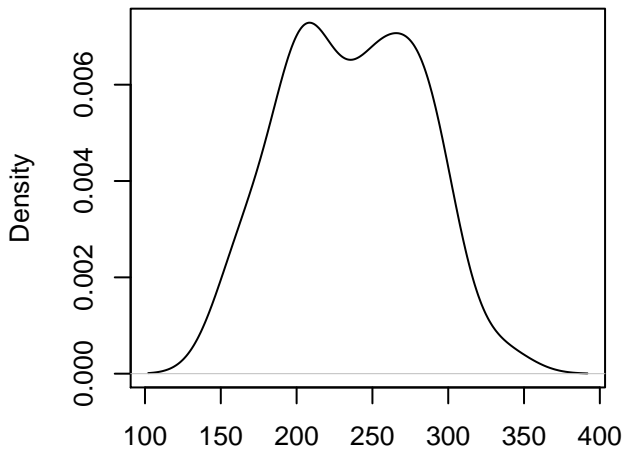
Insert size, N =80  
breakpoint: 7439803 – 7439847 oy-0 wil-2

**Bp = 92 line = MAGIC.183 , Chr = 1**



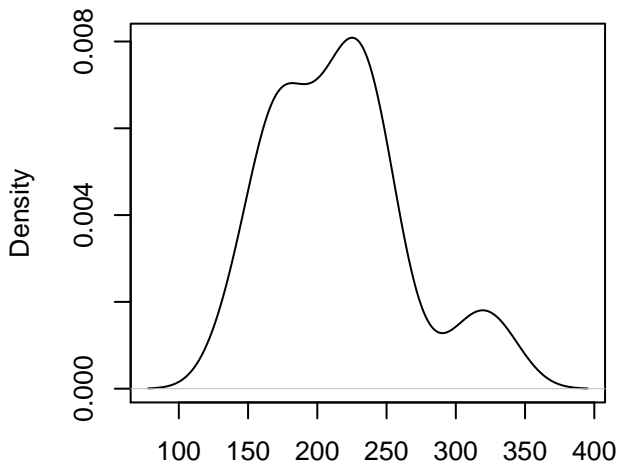
Insert size, N =49  
breakpoint: 7496304 – 7496538 wil-2 ler-0

**Bp = 93 line = MAGIC.183 , Chr = 1**



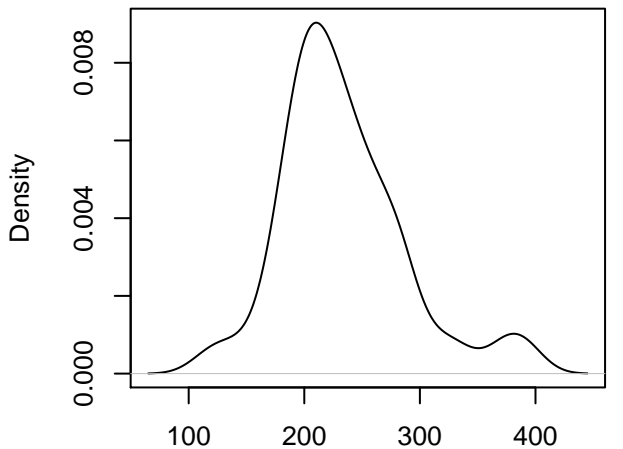
Insert size, N =48  
breakpoint: 7526361 – 7526386 ler-0 col-0

**Bp = 94 line = MAGIC.183 , Chr = 1**



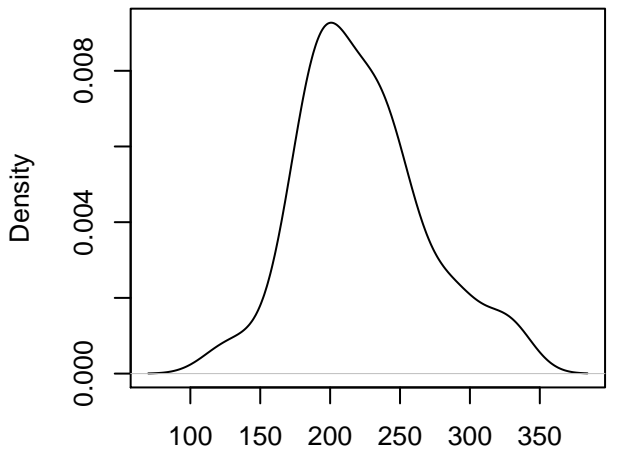
Insert size, N =56  
breakpoint: 7843198 – 7843200 col-0 wu-0

**Bp = 95 line = MAGIC.183 , Chr = 1**



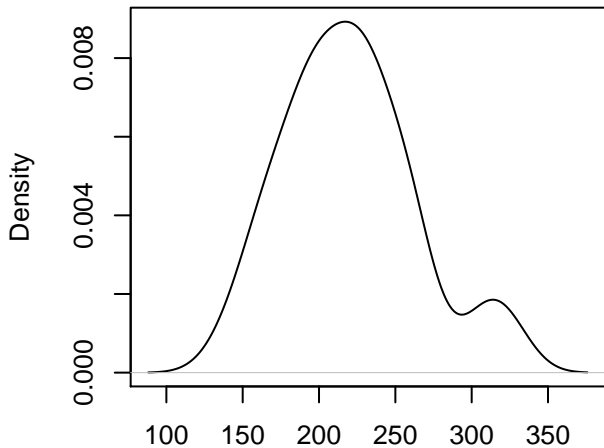
Insert size, N =58  
breakpoint: 7854501 – 7854564 wu-0 bur-0

**Bp = 96 line = MAGIC.183 , Chr = 1**



Insert size, N =69  
breakpoint: 7861476 – 7861784 bur-0 hi-0

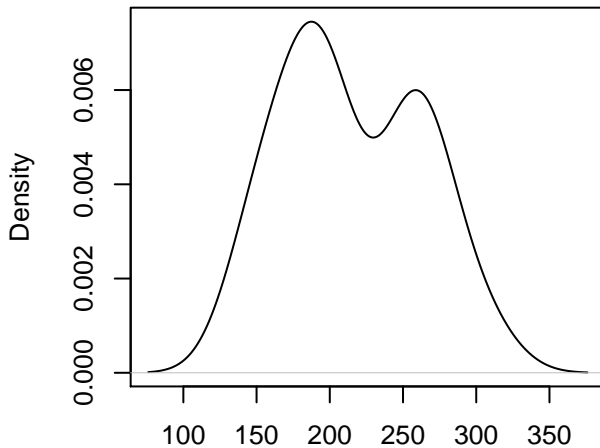
**Bp = 97 line = MAGIC.183 , Chr = 1**



Insert size, N =58

breakpoint: 7905040 – 7905067 hi-0 ler-0

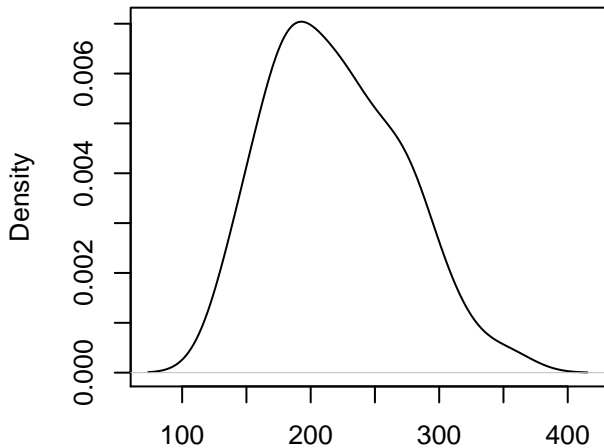
**Bp = 98 line = MAGIC.183 , Chr = 1**



Insert size, N =28

breakpoint: 8036136 – 8036149 ler-0 rsch-4

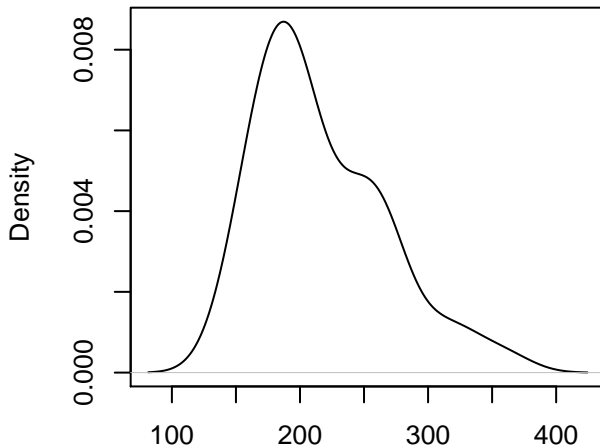
**Bp = 99 line = MAGIC.183 , Chr = 1**



Insert size, N =47

breakpoint: 8136173 – 8136269 rsch-4 ler-0

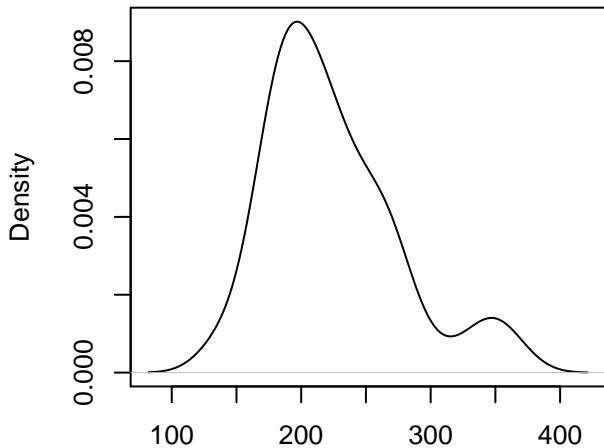
**Bp = 100 line = MAGIC.183 , Chr = 1**



Insert size, N =54

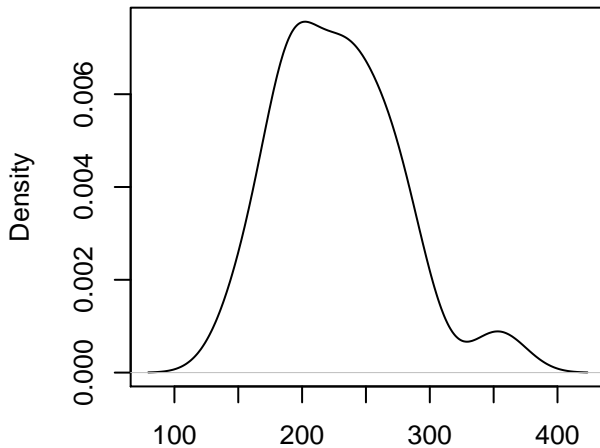
breakpoint: 8142585 – 8142595 ler-0 wu-0

**Bp = 101 line = MAGIC.183 , Chr = 1**



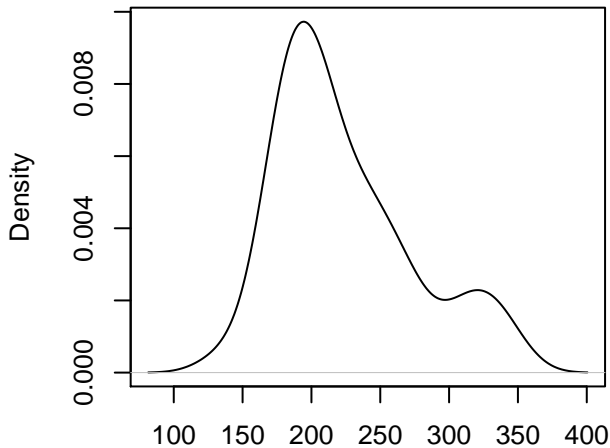
Insert size, N =59  
breakpoint: 8155524 – 8155595 wu-0 mt-0

**Bp = 102 line = MAGIC.183 , Chr = 1**



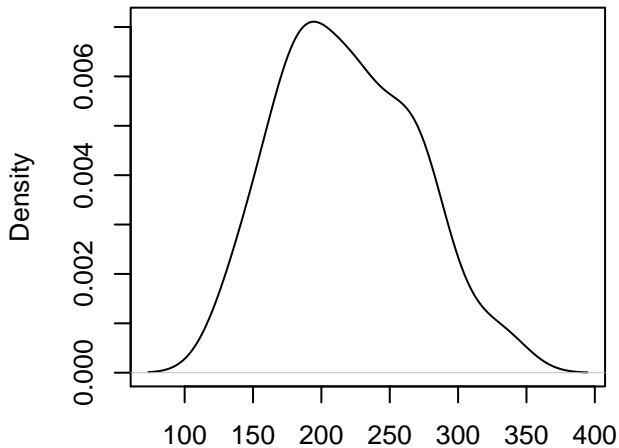
Insert size, N =65  
breakpoint: 8192245 – 8192294 mt-0 rsch-4

**Bp = 103 line = MAGIC.183 , Chr = 1**



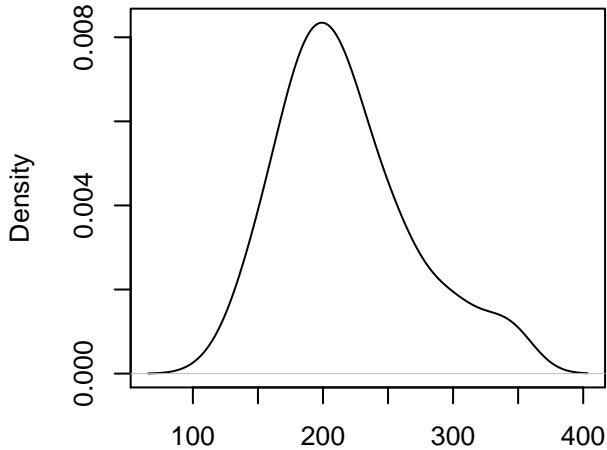
Insert size, N =54  
breakpoint: 8342353 – 8342476 rsch-4 tsu-0

**Bp = 104 line = MAGIC.183 , Chr = 1**



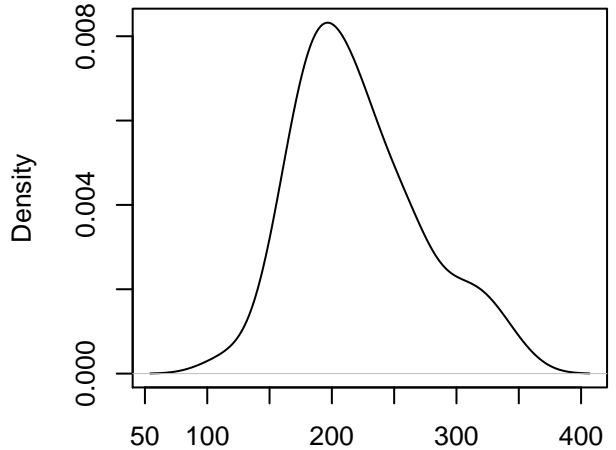
Insert size, N =55  
breakpoint: 8354327 – 8354360 tsu-0 can-0

**Bp = 105 line = MAGIC.183 , Chr = 1**



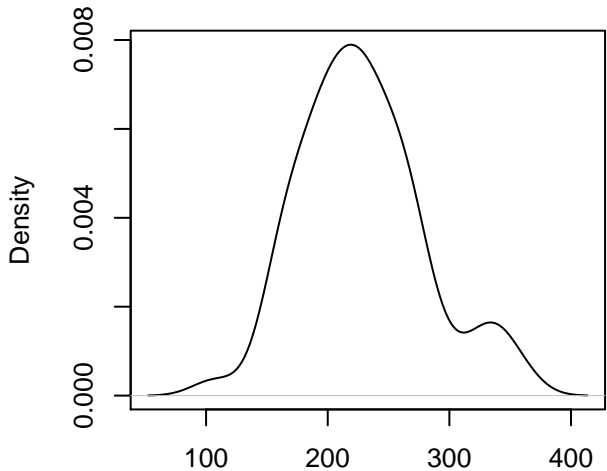
Insert size, N =63  
breakpoint: 8430962 – 8431062 can-0 ler-0

**Bp = 106 line = MAGIC.183 , Chr = 1**



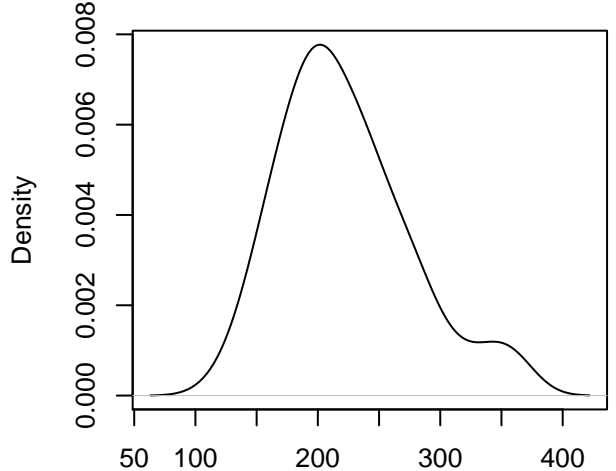
Insert size, N =56  
breakpoint: 8486927 – 8486942 ler-0 wil-2

**Bp = 107 line = MAGIC.183 , Chr = 1**



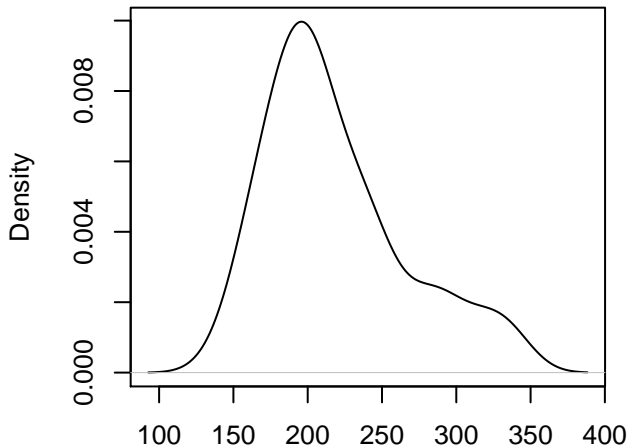
Insert size, N =63  
breakpoint: 8535305 – 8535342 wil-2 zu-0

**Bp = 108 line = MAGIC.183 , Chr = 1**



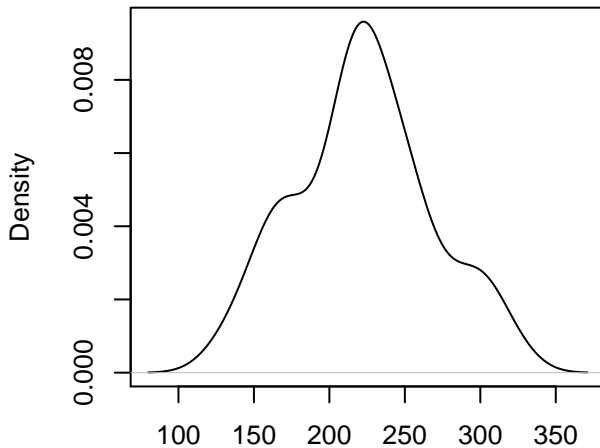
Insert size, N =75  
breakpoint: 8558719 – 8559070 zu-0 ct-1

**Bp = 109 line = MAGIC.183 , Chr = 1**



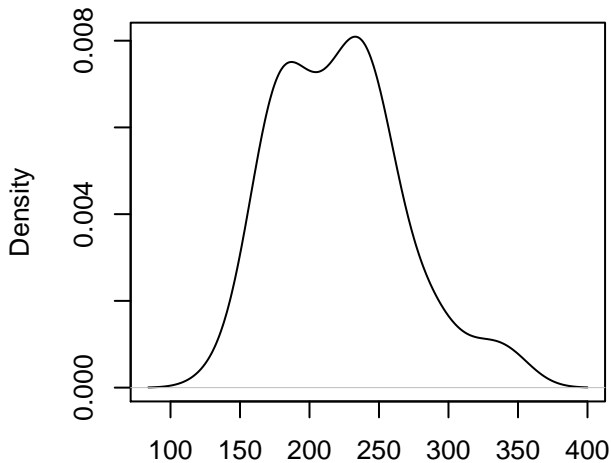
Insert size, N =62  
breakpoint: 8570570 – 8570579 ct-1 oy-0

**Bp = 110 line = MAGIC.183 , Chr = 1**



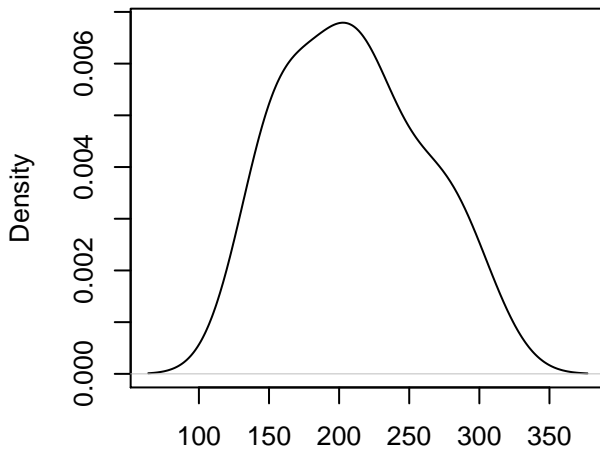
Insert size, N =48  
breakpoint: 8607173 – 8607396 oy-0 bur-0

**Bp = 111 line = MAGIC.183 , Chr = 1**



Insert size, N =55  
breakpoint: 8633825 – 8633950 bur-0 rsch-4

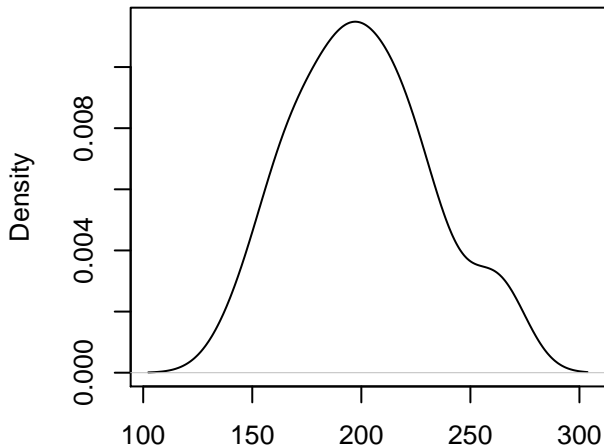
**Bp = 112 line = MAGIC.183 , Chr = 1**



Insert size, N =25  
breakpoint: 8691848 – 8691860 rsch-4 tsu-0

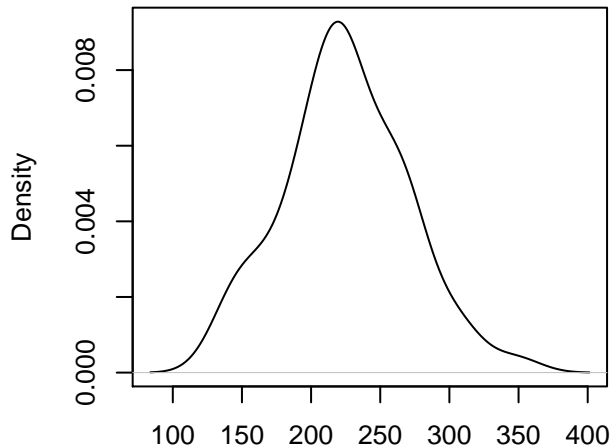


**Bp = 113 line = MAGIC.183 , Chr = 1**



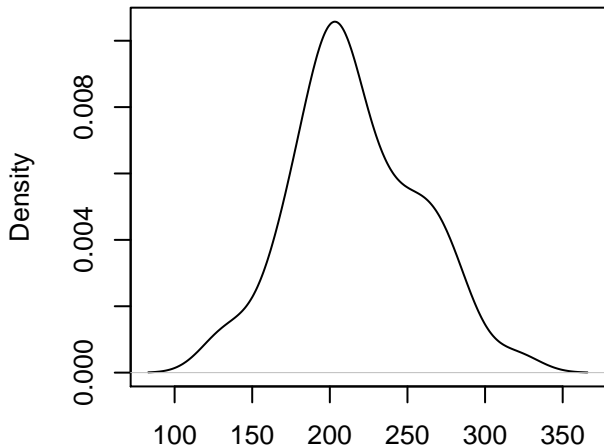
Insert size, N =53  
breakpoint: 8757580 – 8757650 tsu-0 edi-0

**Bp = 114 line = MAGIC.183 , Chr = 1**



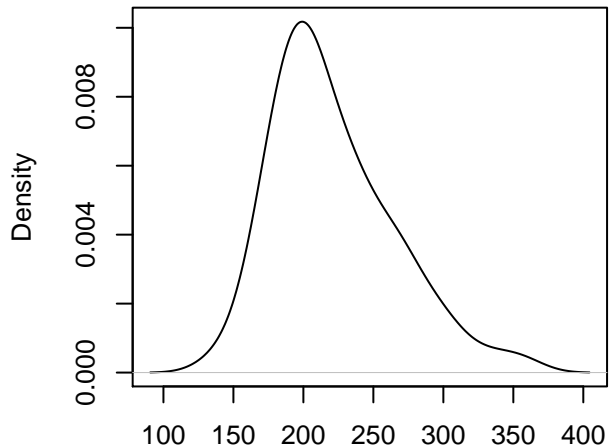
Insert size, N =58  
breakpoint: 8853242 – 8853318 edi-0 no-0

**Bp = 115 line = MAGIC.183 , Chr = 1**



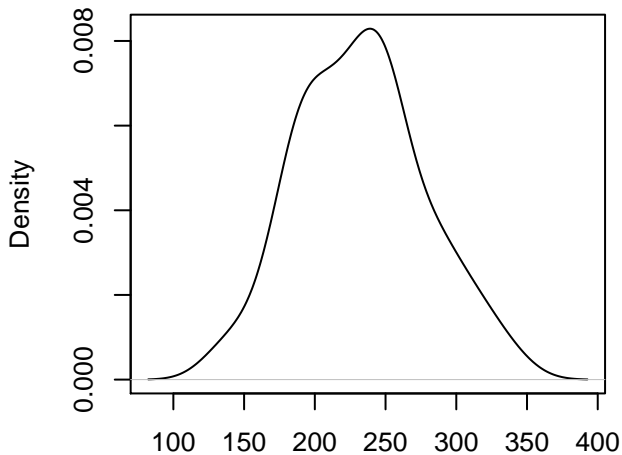
Insert size, N =48  
breakpoint: 8886555 – 8886563 no-0 zu-0

**Bp = 116 line = MAGIC.183 , Chr = 1**



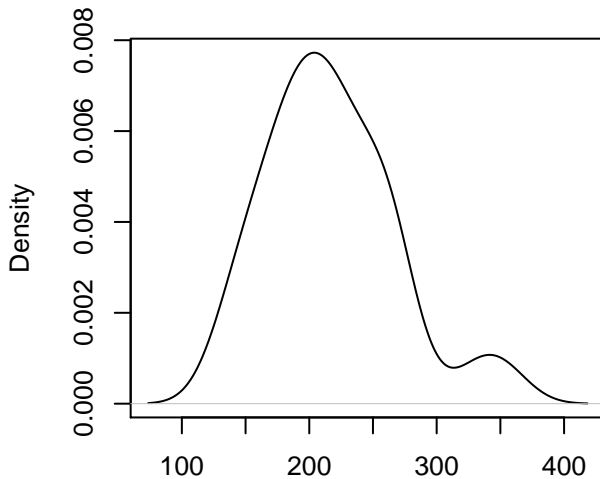
Insert size, N =62  
breakpoint: 8919030 – 8919132 zu-0 ler-0

**Bp = 117 line = MAGIC.183 , Chr = 1**



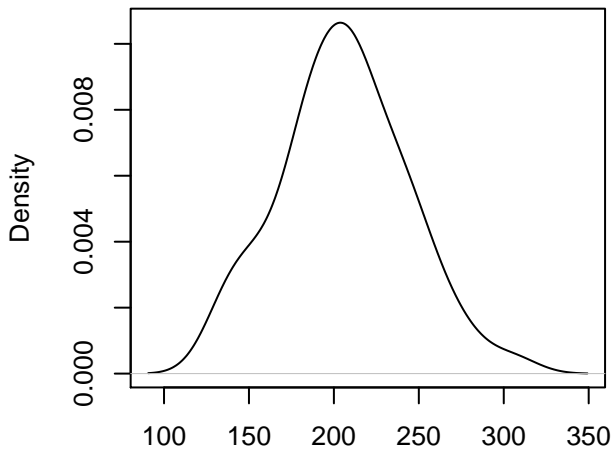
Insert size, N =64  
breakpoint: 8946362 – 8946653 ler-0 kn-0

**Bp = 118 line = MAGIC.183 , Chr = 1**



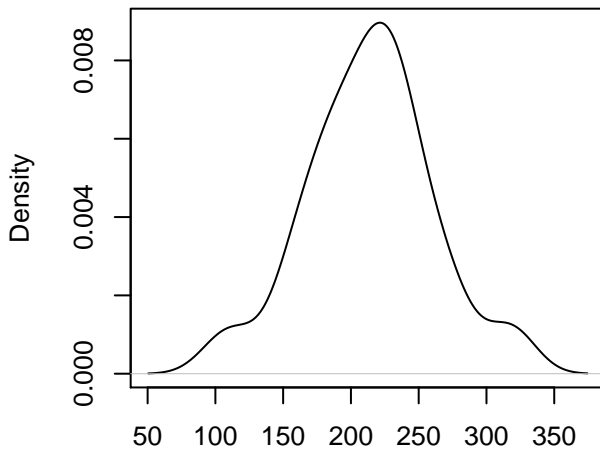
Insert size, N =46  
breakpoint: 8991210 – 8991217 kn-0 wil-2

**Bp = 119 line = MAGIC.183 , Chr = 1**



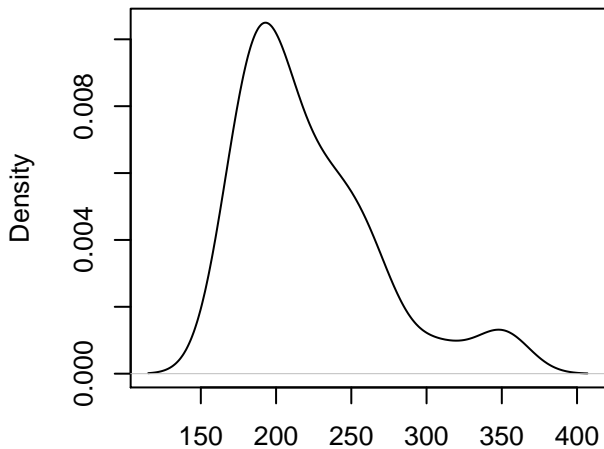
Insert size, N =55  
breakpoint: 9064632 – 9064697 wil-2 bur-0

**Bp = 120 line = MAGIC.183 , Chr = 1**



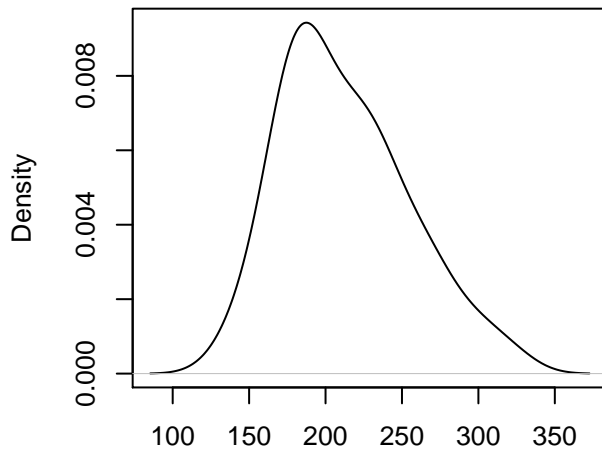
Insert size, N =38  
breakpoint: 9201601 – 9201630 bur-0 wil-2

**Bp = 121 line = MAGIC.183 , Chr = 1**



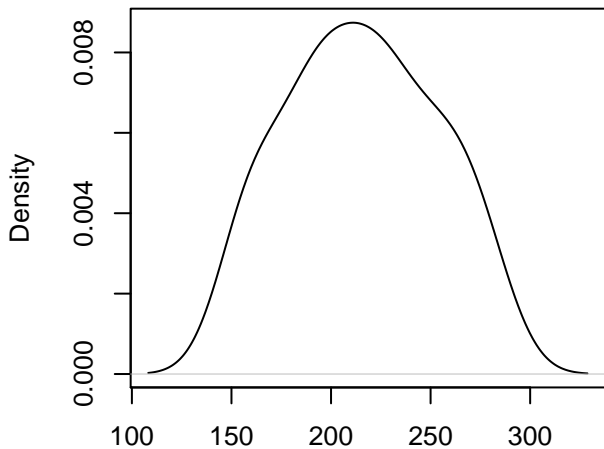
Insert size, N =54  
breakpoint: 9216929 – 9217133 wil-2 bur-0

**Bp = 122 line = MAGIC.183 , Chr = 1**



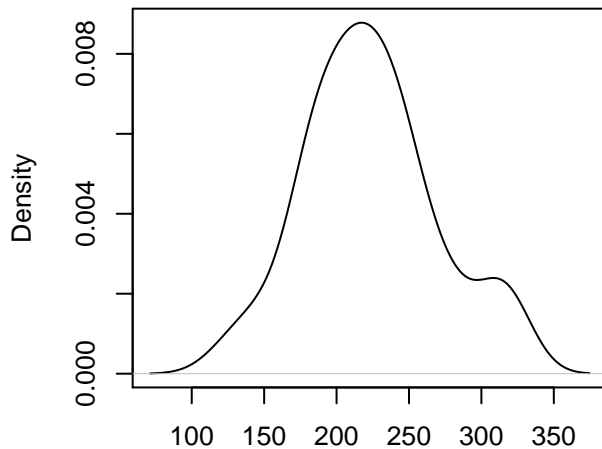
Insert size, N =61  
breakpoint: 9267555 – 9267675 bur-0 kn-0

**Bp = 123 line = MAGIC.183 , Chr = 1**



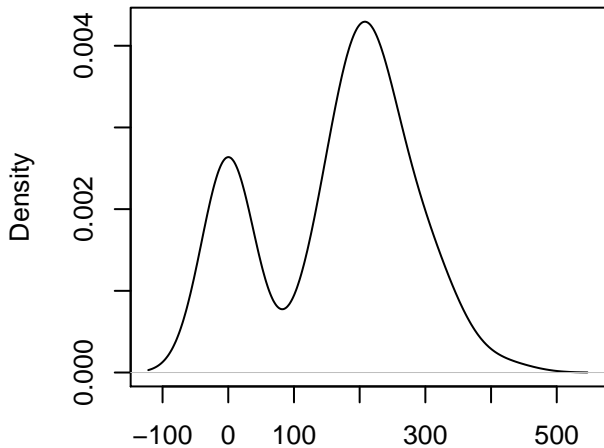
Insert size, N =42  
breakpoint: 9292838 – 9292948 kn-0 col-0

**Bp = 124 line = MAGIC.183 , Chr = 1**



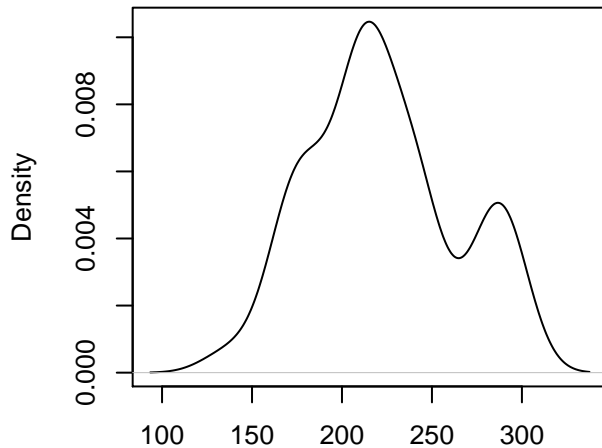
Insert size, N =41  
breakpoint: 9400429 – 9400475 col-0 wu-0

**Bp = 125 line = MAGIC.183 , Chr = 1**



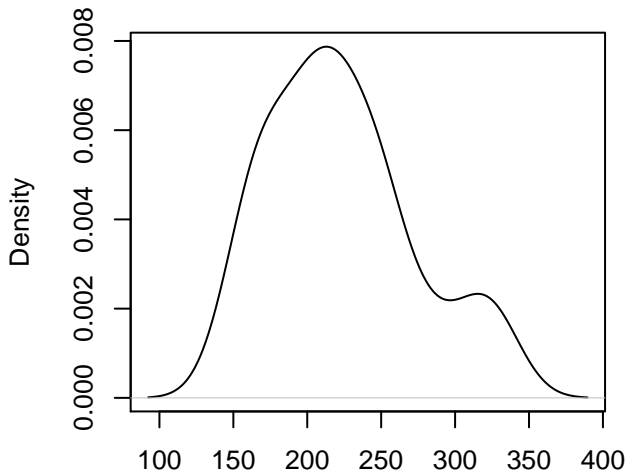
Insert size, N =97  
breakpoint: 9413074 – 9413075 wu-0 kn-0

**Bp = 126 line = MAGIC.183 , Chr = 1**



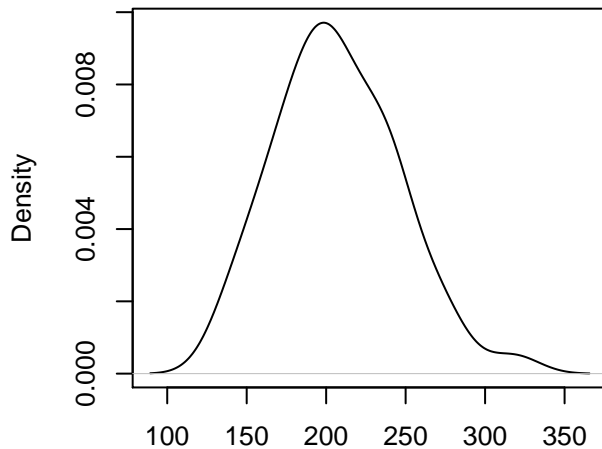
Insert size, N =49  
breakpoint: 9421617 – 9421619 kn-0 zu-0

**Bp = 127 line = MAGIC.183 , Chr = 1**



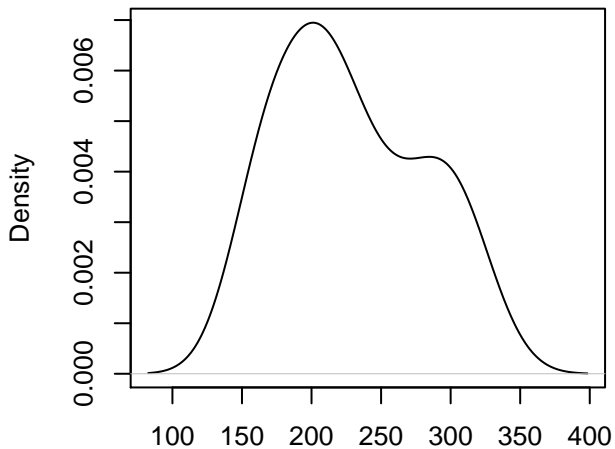
Insert size, N =29  
breakpoint: 9439395 – 9439462 zu-0 no-0

**Bp = 128 line = MAGIC.183 , Chr = 1**



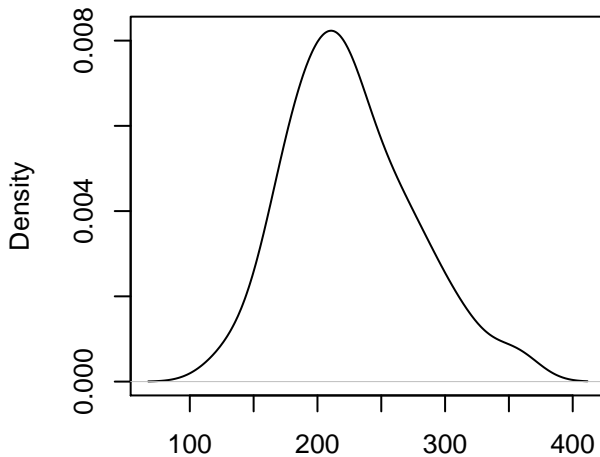
Insert size, N =50  
breakpoint: 9461452 – 9461531 no-0 edi-0

**Bp = 129 line = MAGIC.183 , Chr = 1**



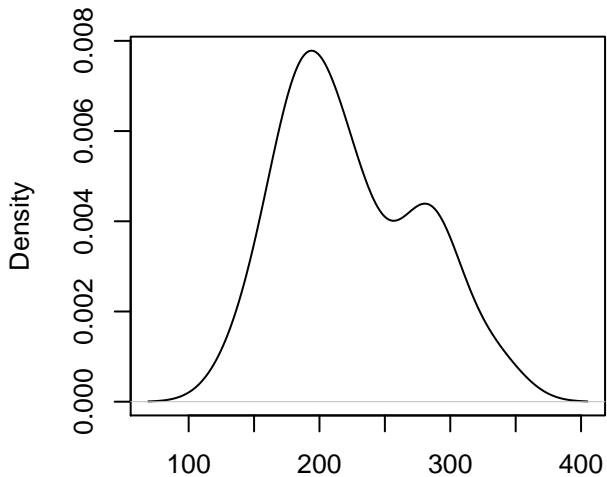
Insert size, N =34  
breakpoint: 9508315 – 9508316 edi-0 hi-0

**Bp = 130 line = MAGIC.183 , Chr = 1**



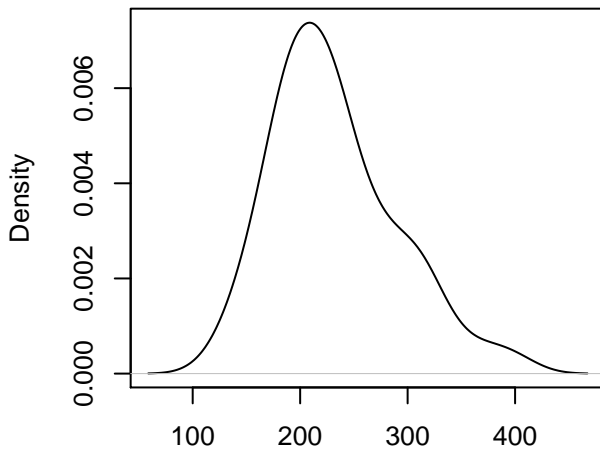
Insert size, N =64  
breakpoint: 9592909 – 9593154 hi-0 edi-0

**Bp = 131 line = MAGIC.183 , Chr = 1**



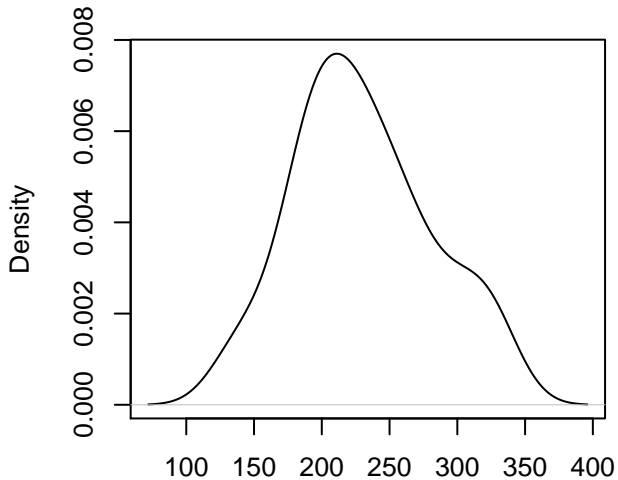
Insert size, N =41  
breakpoint: 9656925 – 9656951 edi-0 wu-0

**Bp = 132 line = MAGIC.183 , Chr = 1**



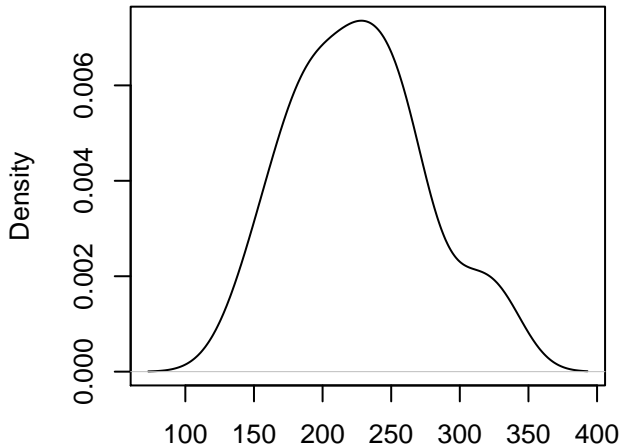
Insert size, N =57  
breakpoint: 9742633 – 9742671 wu-0 no-0

**Bp = 133 line = MAGIC.183 , Chr = 1**



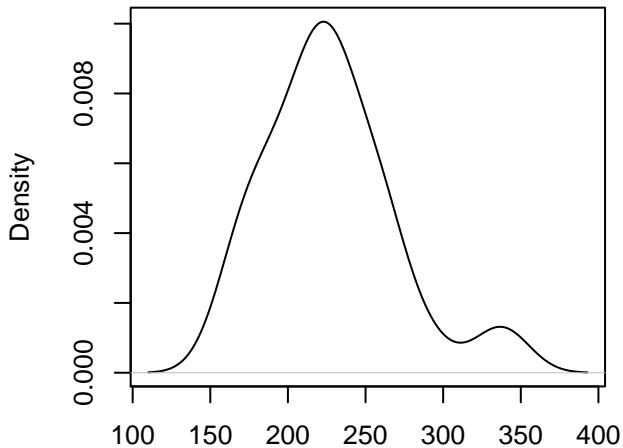
Insert size, N =45  
breakpoint: 9758370 – 9758544 no-0 zu-0

**Bp = 134 line = MAGIC.183 , Chr = 1**



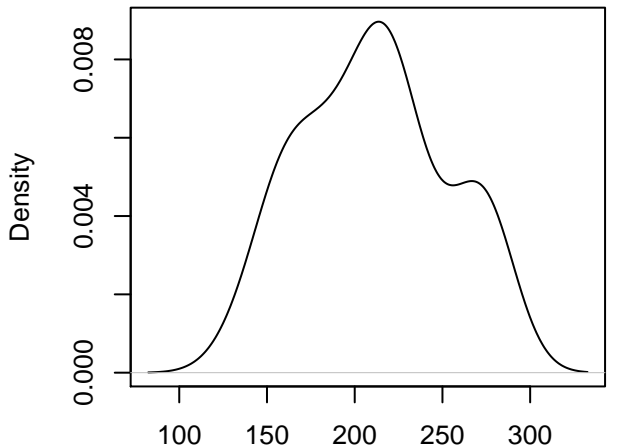
Insert size, N =52  
breakpoint: 9853117 – 9853257 zu-0 ler-0

**Bp = 135 line = MAGIC.183 , Chr = 1**



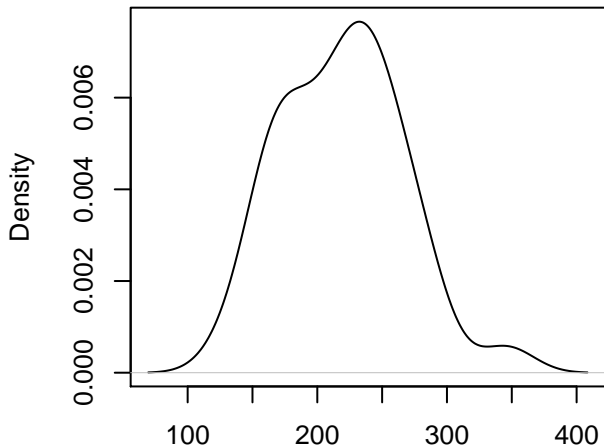
Insert size, N =35  
breakpoint: 9881628 – 9881637 ler-0 bur-0

**Bp = 136 line = MAGIC.183 , Chr = 1**



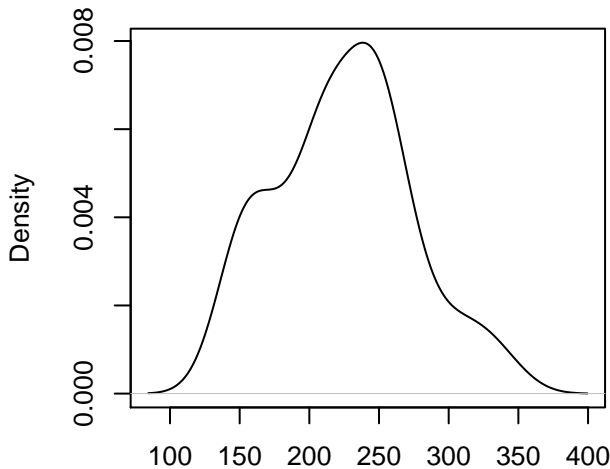
Insert size, N =50  
breakpoint: 9992950 – 9992978 bur-0 wu-0

**Bp = 137 line = MAGIC.183 , Chr = 1**



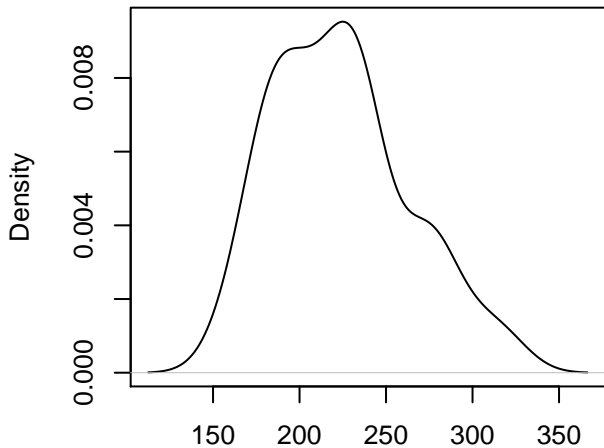
Insert size, N =34  
breakpoint: 10074823 – 10074825 wu-0 ct-1

**Bp = 138 line = MAGIC.183 , Chr = 1**



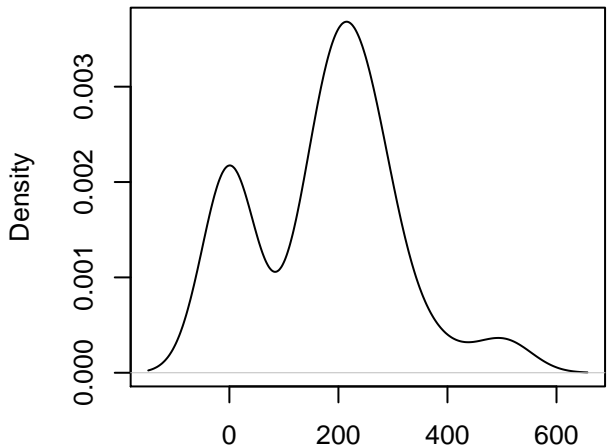
Insert size, N =62  
breakpoint: 10084846 – 10085037 ct-1 rsch-4

**Bp = 139 line = MAGIC.183 , Chr = 1**



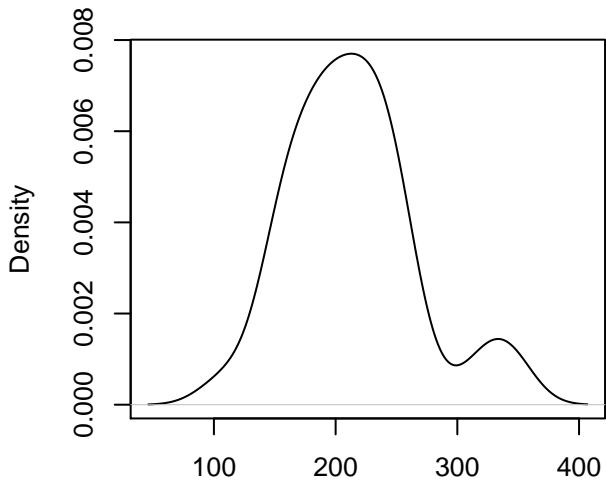
Insert size, N =39  
breakpoint: 10137504 – 10137520 rsch-4 edi-0

**Bp = 140 line = MAGIC.183 , Chr = 1**



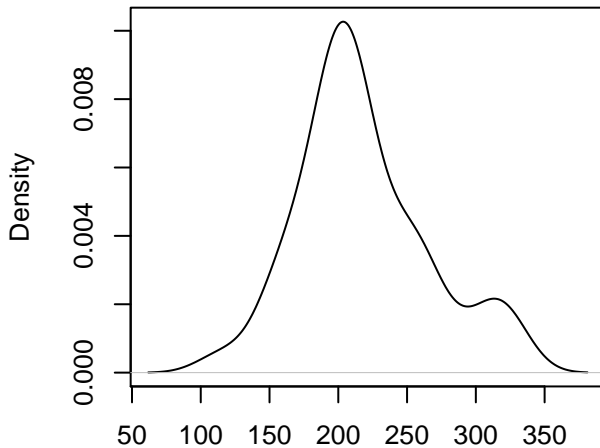
Insert size, N =78  
breakpoint: 10151342 – 10151802 edi-0 rsch-4

**Bp = 141 line = MAGIC.183 , Chr = 1**



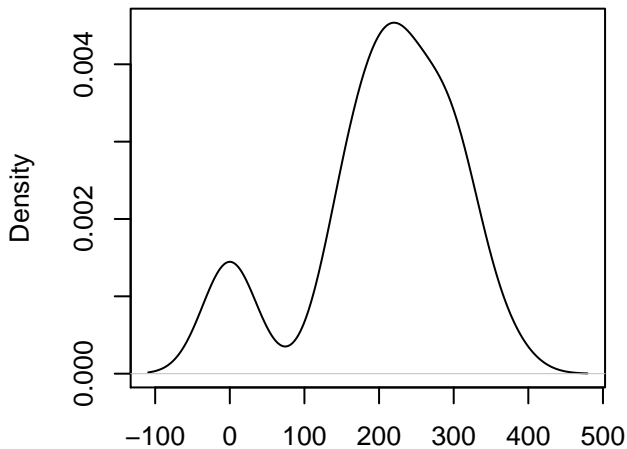
Insert size, N =34  
breakpoint: 10186342 – 10186495 rsch-4 col-0

**Bp = 142 line = MAGIC.183 , Chr = 1**



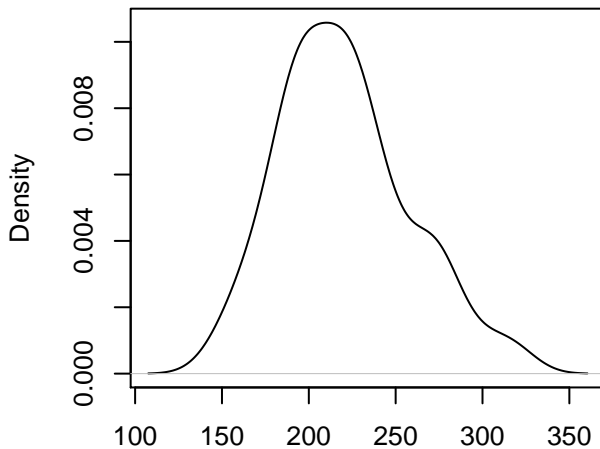
Insert size, N =43  
breakpoint: 10227708 – 10227709 col-0 hi-0

**Bp = 143 line = MAGIC.183 , Chr = 1**



Insert size, N =53  
breakpoint: 10266952 – 10267338 hi-0 zu-0

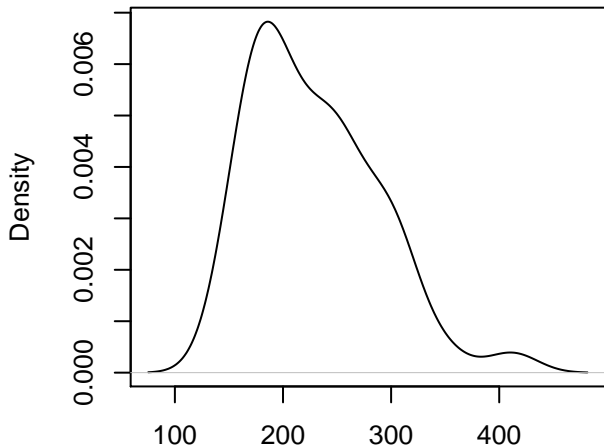
**Bp = 144 line = MAGIC.183 , Chr = 1**



Insert size, N =64  
breakpoint: 10455231 – 10455249 zu-0 col-0

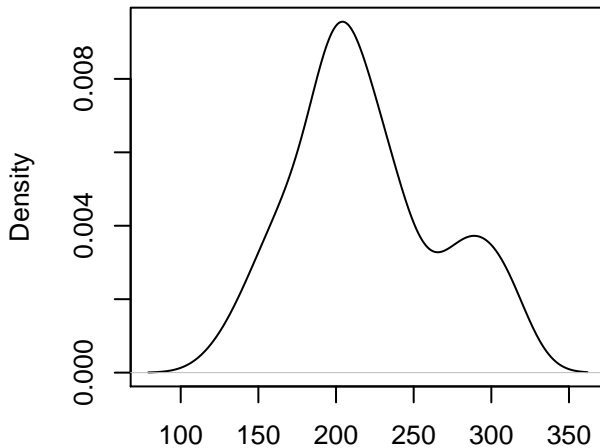


**Bp = 145 line = MAGIC.183 , Chr = 1**



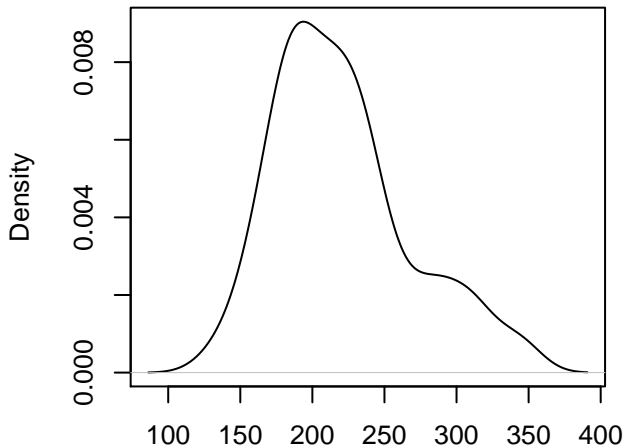
Insert size, N =45  
breakpoint: 10550950 – 10551135 col-0 rsch-4

**Bp = 146 line = MAGIC.183 , Chr = 1**



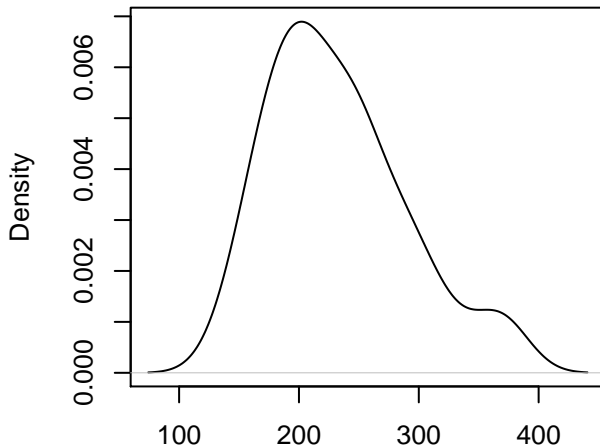
Insert size, N =55  
breakpoint: 10617669 – 10617682 rsch-4 tsu-0

**Bp = 147 line = MAGIC.183 , Chr = 1**



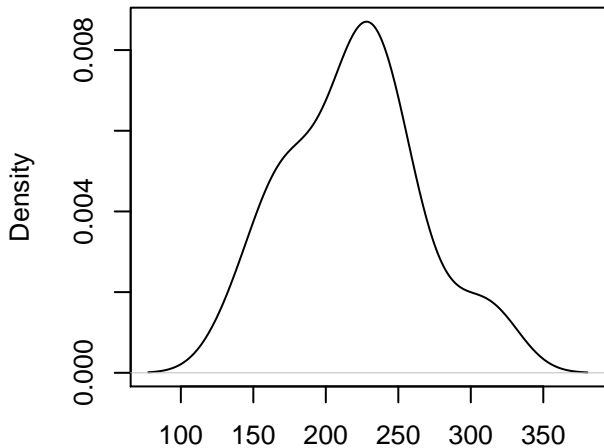
Insert size, N =66  
breakpoint: 10665932 – 10665936 tsu-0 bur-0

**Bp = 148 line = MAGIC.183 , Chr = 1**



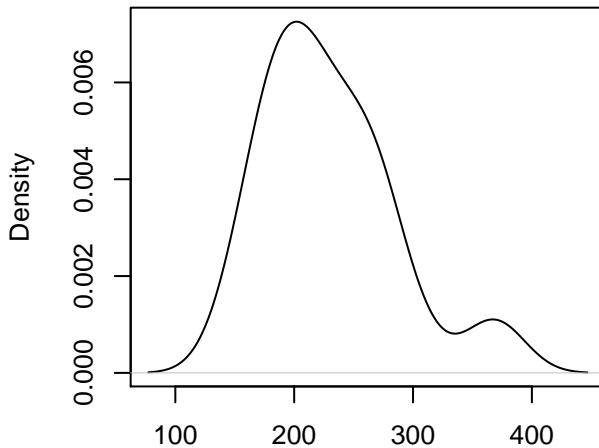
Insert size, N =32  
breakpoint: 10679765 – 10679771 bur-0 tsu-0

**Bp = 149 line = MAGIC.183 , Chr = 1**



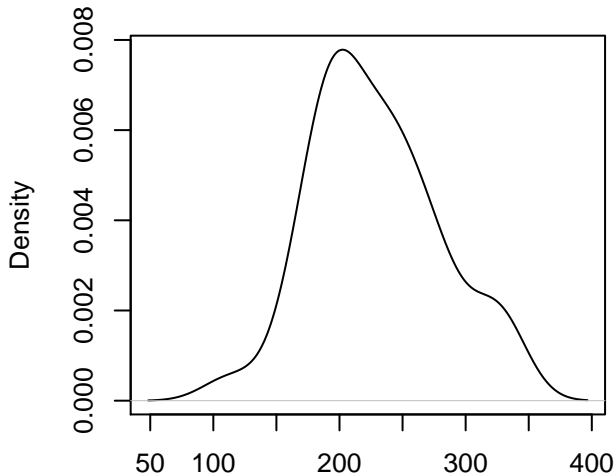
Insert size, N =33  
breakpoint: 10714567 – 10714598 tsu-0 ler-0

**Bp = 150 line = MAGIC.183 , Chr = 1**



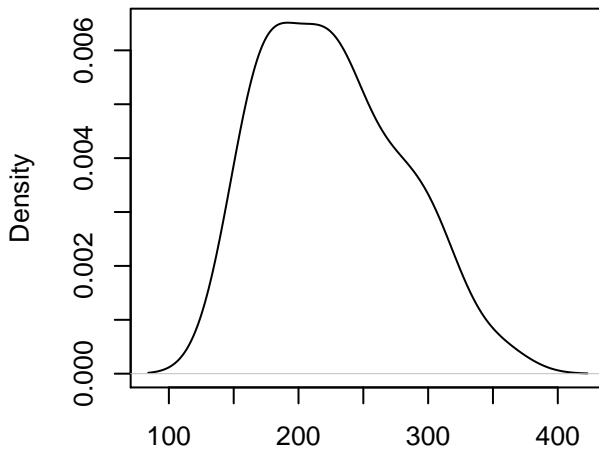
Insert size, N =29  
breakpoint: 10852899 – 10852913 ler-0 tsu-0

**Bp = 151 line = MAGIC.183 , Chr = 1**



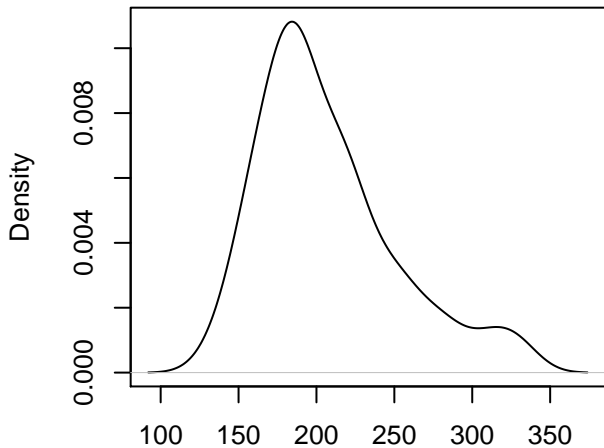
Insert size, N =37  
breakpoint: 10914456 – 10914471 tsu-0 no-0

**Bp = 152 line = MAGIC.183 , Chr = 1**



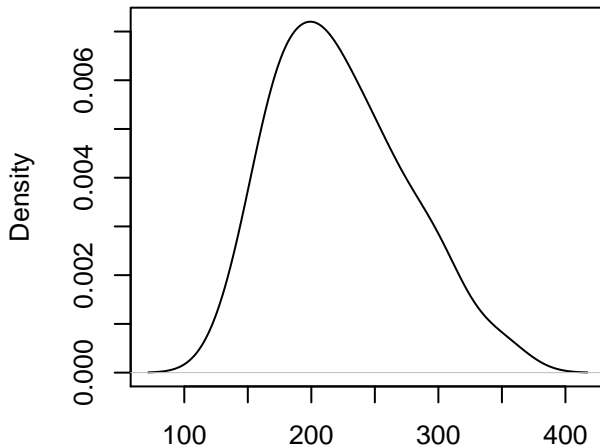
Insert size, N =40  
breakpoint: 10932505 – 10932551 no-0 po-0

**Bp = 153 line = MAGIC.183 , Chr = 1**



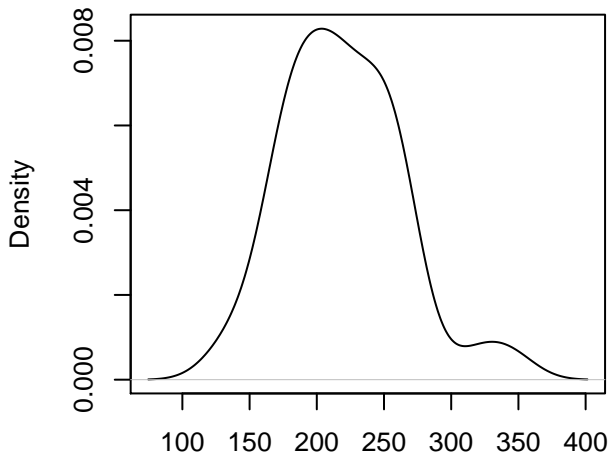
Insert size, N =64  
breakpoint: 10980739 – 10980742 po-0 edi-0

**Bp = 154 line = MAGIC.183 , Chr = 1**



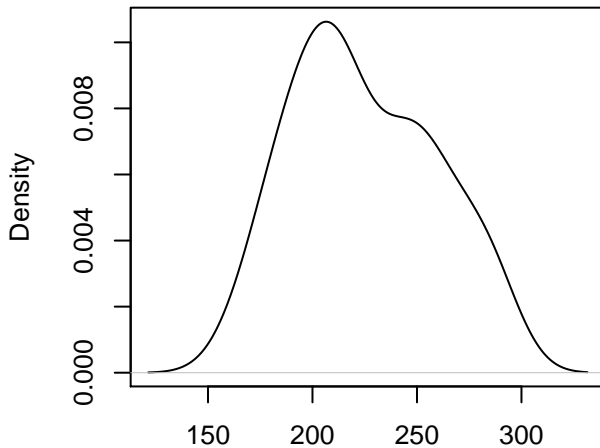
Insert size, N =56  
breakpoint: 11021815 – 11021870 edi-0 bur-0

**Bp = 155 line = MAGIC.183 , Chr = 1**



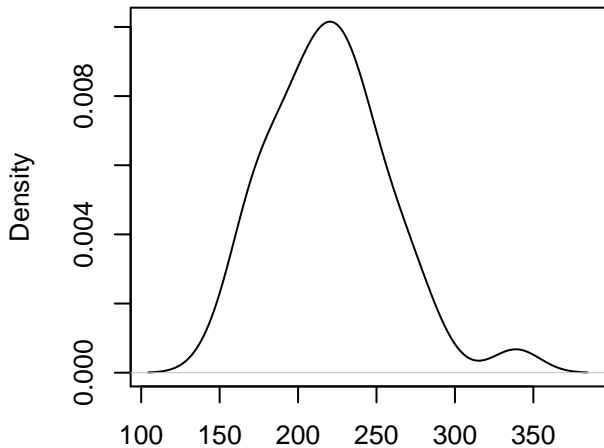
Insert size, N =38  
breakpoint: 11080293 – 11080376 bur-0 po-0

**Bp = 156 line = MAGIC.183 , Chr = 1**



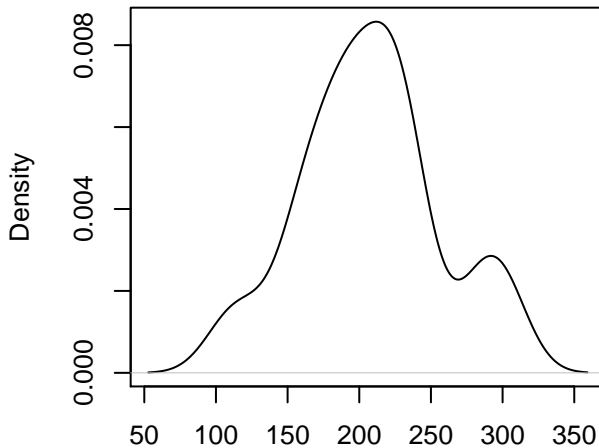
Insert size, N =47  
breakpoint: 11119818 – 11119824 po-0 rsch-4

**Bp = 157 line = MAGIC.183 , Chr = 1**



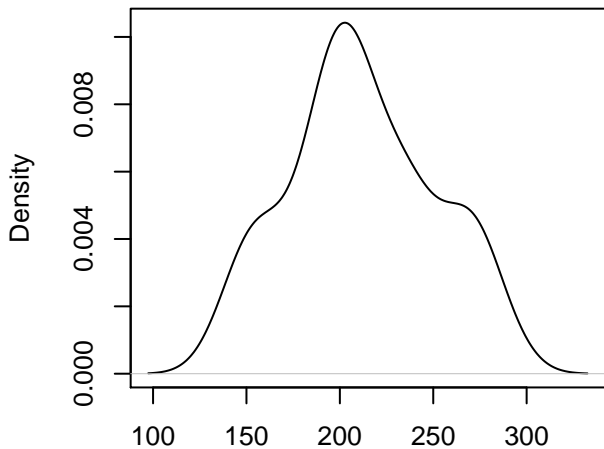
Insert size, N =39  
breakpoint: 11139142 – 11139190 rsch-4 edi-0

**Bp = 158 line = MAGIC.183 , Chr = 1**



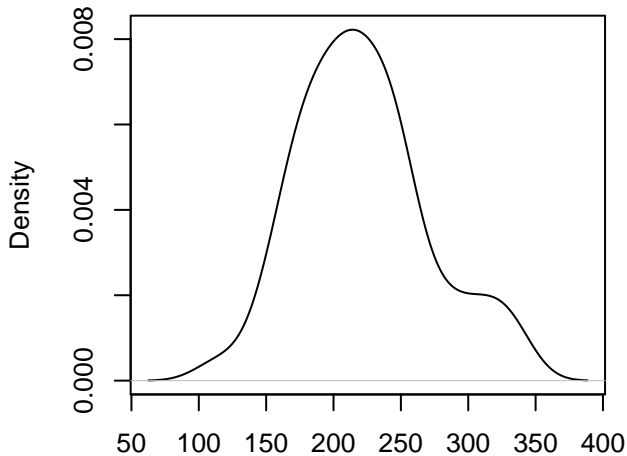
Insert size, N =27  
breakpoint: 11168187 – 11168226 edi-0 zu-0

**Bp = 159 line = MAGIC.183 , Chr = 1**



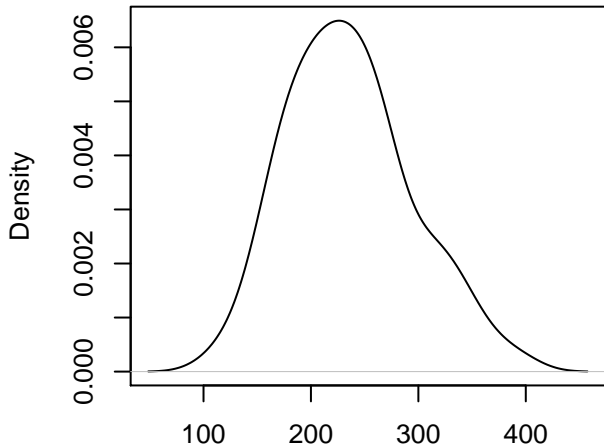
Insert size, N =43  
breakpoint: 11228554 – 11228605 zu-0 wil-2

**Bp = 160 line = MAGIC.183 , Chr = 1**



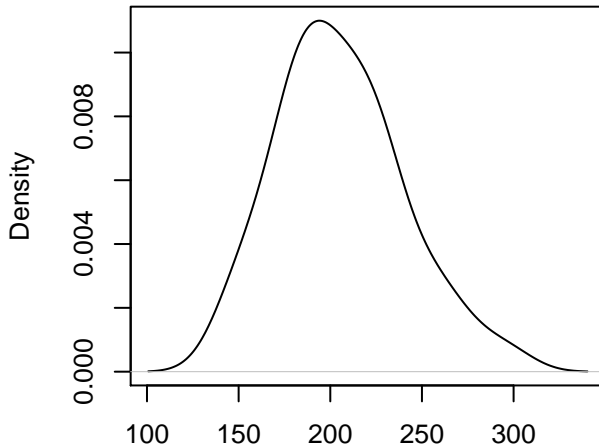
Insert size, N =55  
breakpoint: 11258264 – 11258296 wil-2 zu-0

**Bp = 161 line = MAGIC.183 , Chr = 1**



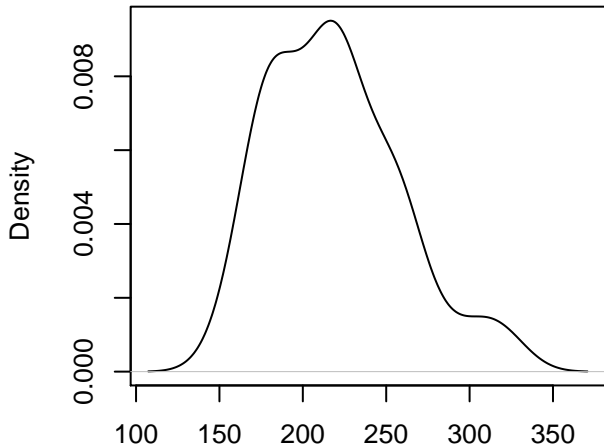
Insert size, N =65  
breakpoint: 11264804 – 11264831 zu-0 po-0

**Bp = 162 line = MAGIC.183 , Chr = 1**



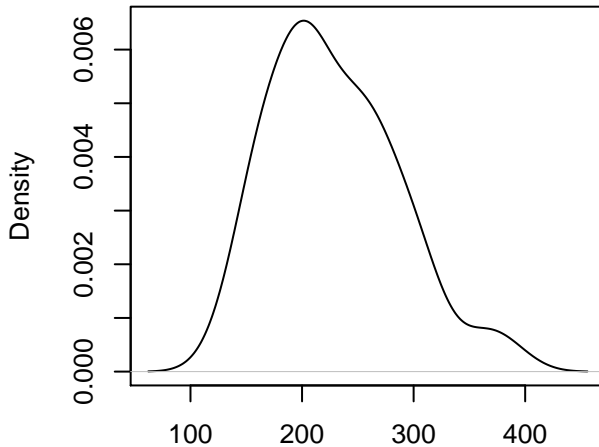
Insert size, N =40  
breakpoint: 11339797 – 11339827 po-0 kn-0

**Bp = 163 line = MAGIC.183 , Chr = 1**



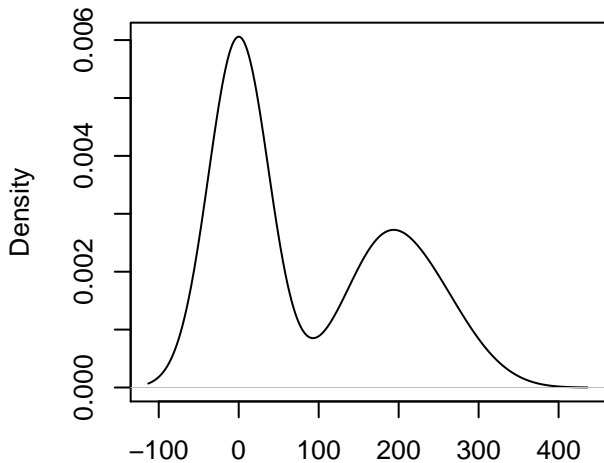
Insert size, N =61  
breakpoint: 11356793 – 11356813 kn-0 oy-0

**Bp = 164 line = MAGIC.183 , Chr = 1**



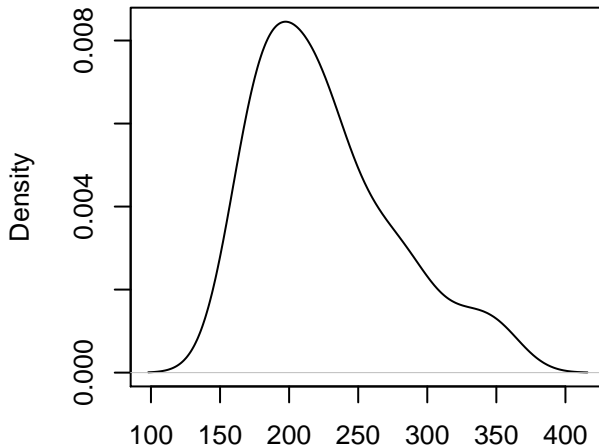
Insert size, N =63  
breakpoint: 11430845 – 11430928 oy-0 no-0

**Bp = 165 line = MAGIC.183 , Chr = 1**



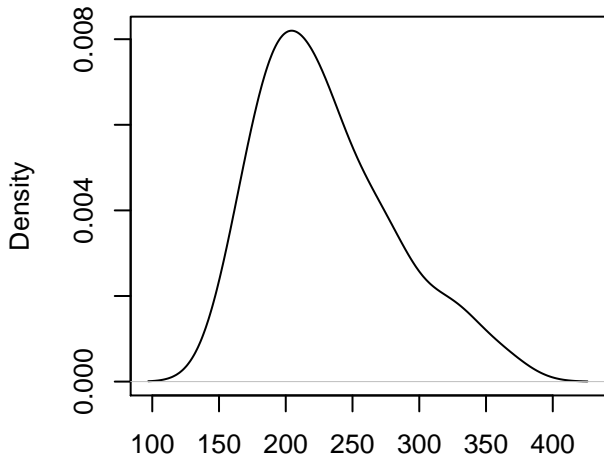
Insert size, N =103  
breakpoint: 11441408 – 11441413 no-0 oy-0

**Bp = 166 line = MAGIC.183 , Chr = 1**



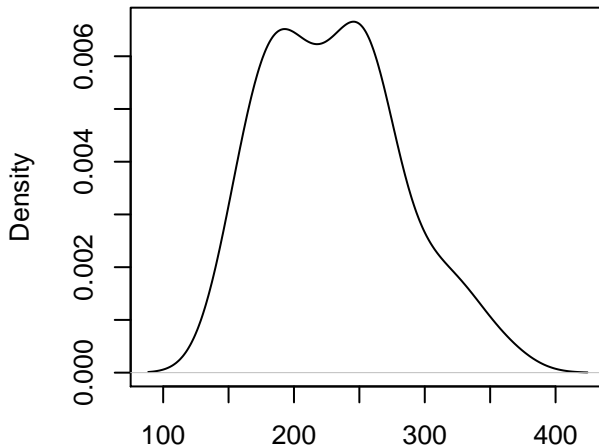
Insert size, N =60  
breakpoint: 11567979 – 11568186 oy-0 sf-2

**Bp = 167 line = MAGIC.183 , Chr = 1**



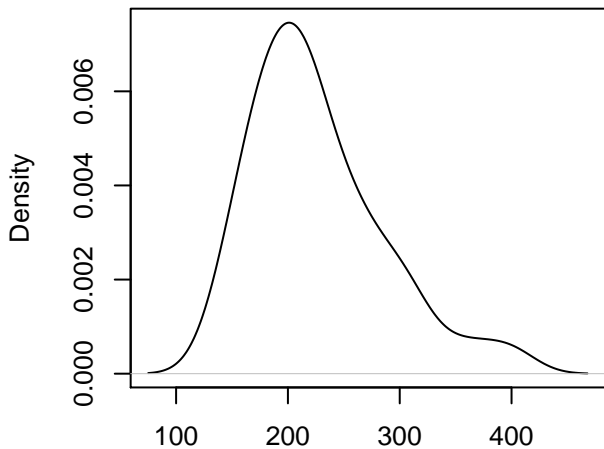
Insert size, N =66  
breakpoint: 11580676 – 11580700 sf-2 po-0

**Bp = 168 line = MAGIC.183 , Chr = 1**



Insert size, N =50  
breakpoint: 11690983 – 11690993 po-0 zu-0

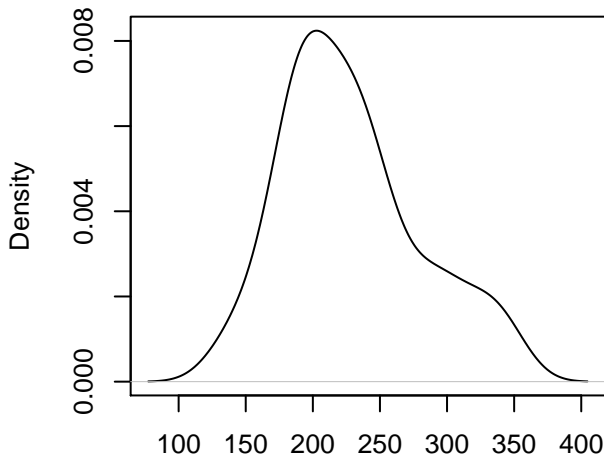
**Bp = 169 line = MAGIC.183 , Chr = 1**



Insert size, N =34

breakpoint: 11764628 – 11764739 zu-0 can-0

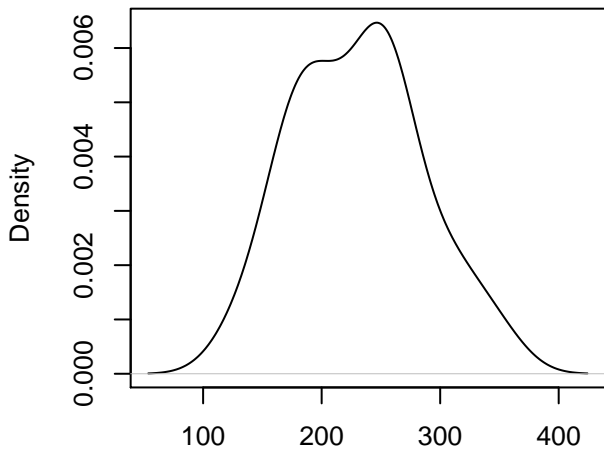
**Bp = 170 line = MAGIC.183 , Chr = 1**



Insert size, N =57

breakpoint: 11774869 – 11774885 can-0 oy-0

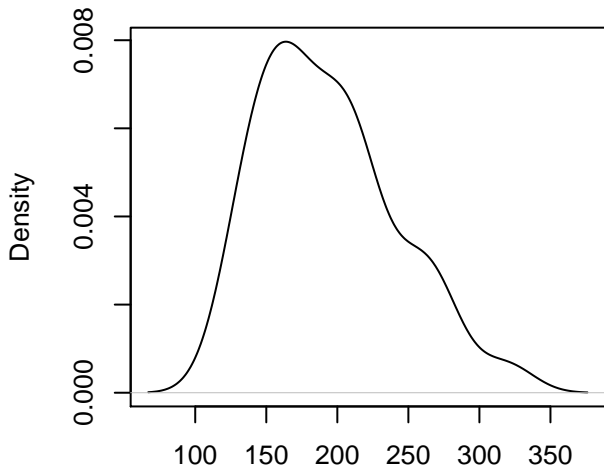
**Bp = 171 line = MAGIC.183 , Chr = 1**



Insert size, N =32

breakpoint: 11801563 – 11801997 oy-0 bur-0

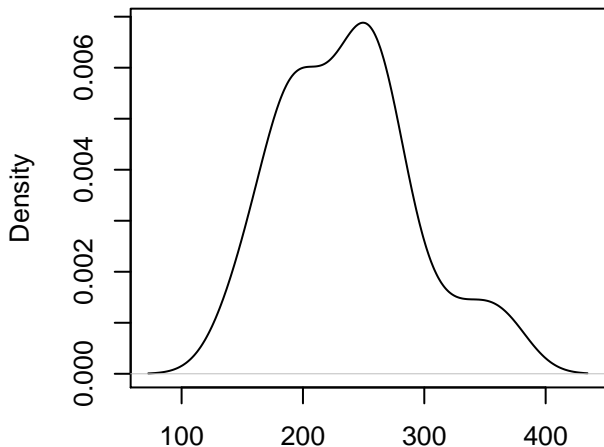
**Bp = 172 line = MAGIC.183 , Chr = 1**



Insert size, N =33

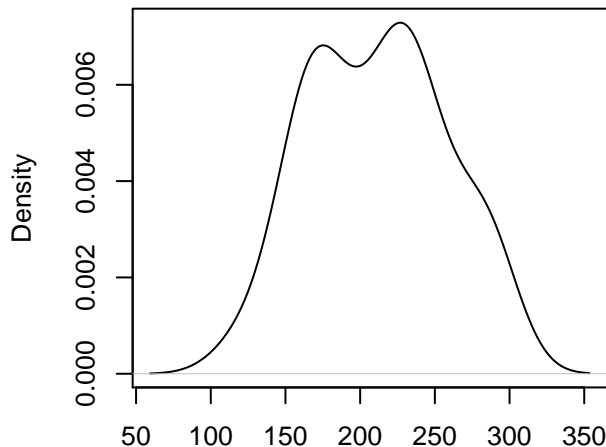
breakpoint: 11803316 – 11803350 bur-0 tsu-0

**Bp = 173 line = MAGIC.183 , Chr = 1**



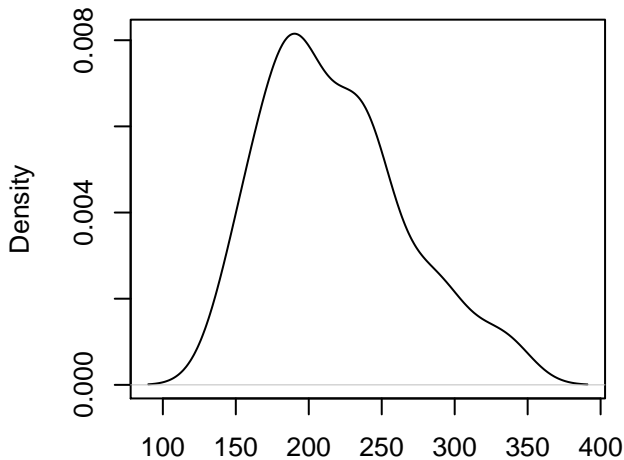
Insert size, N =37  
breakpoint: 11821412 – 11821441 tsu-0 oy-0

**Bp = 174 line = MAGIC.183 , Chr = 1**



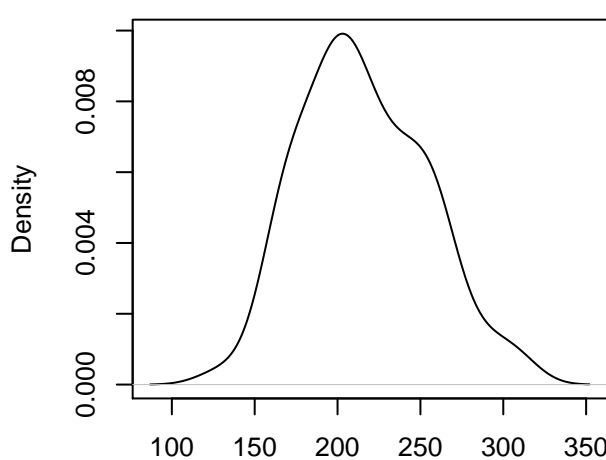
Insert size, N =32  
breakpoint: 11874207 – 11874362 oy-0 ct-1

**Bp = 175 line = MAGIC.183 , Chr = 1**



Insert size, N =44  
breakpoint: 11886095 – 11886096 ct-1 oy-0

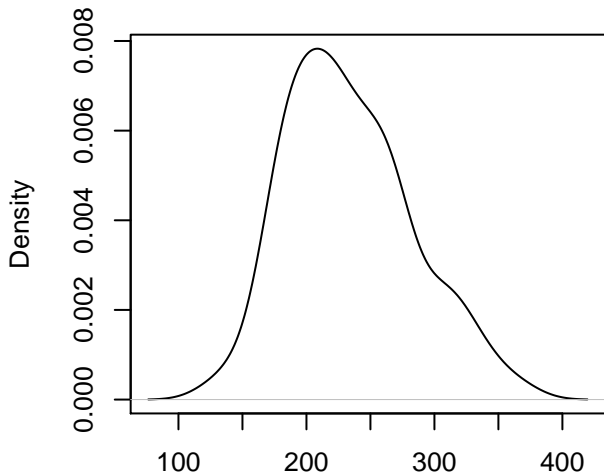
**Bp = 176 line = MAGIC.183 , Chr = 1**



Insert size, N =74  
breakpoint: 11921283 – 11921337 oy-0 zu-0

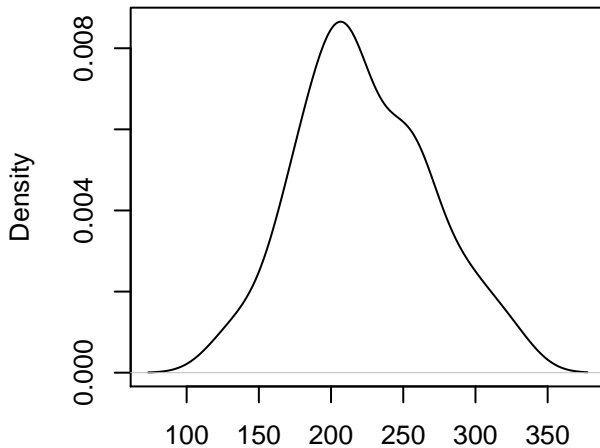


**Bp = 177 line = MAGIC.183 , Chr = 1**



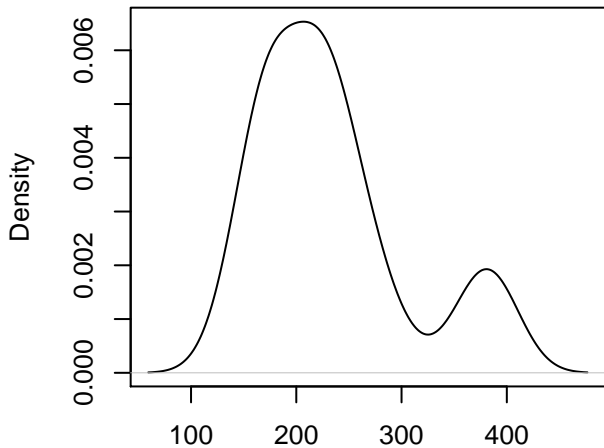
Insert size, N =72  
breakpoint: 11949493 – 11949539 zu-0 wu-0

**Bp = 178 line = MAGIC.183 , Chr = 1**



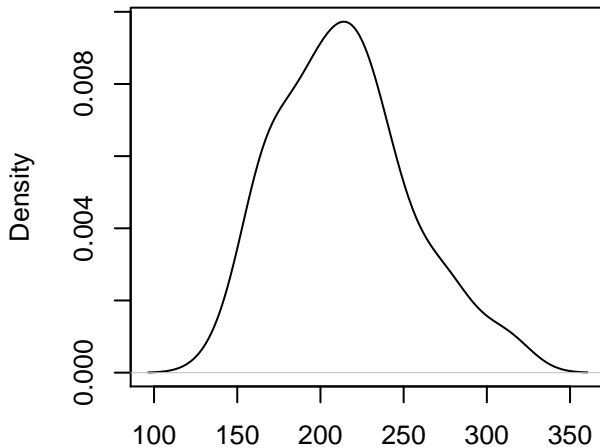
Insert size, N =49  
breakpoint: 11952078 – 11952541 wu-0 sf-2

**Bp = 179 line = MAGIC.183 , Chr = 1**



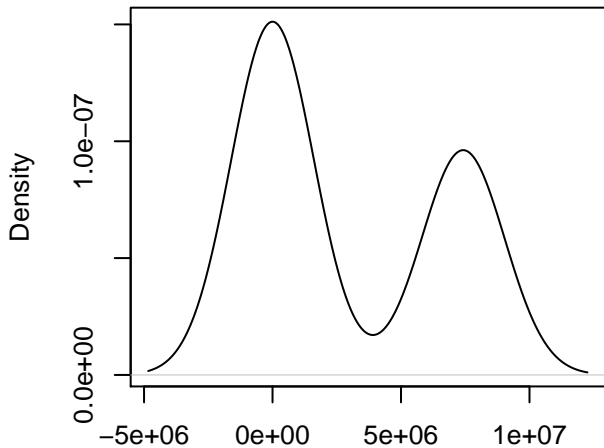
Insert size, N =35  
breakpoint: 11992445 – 11992500 sf-2 col-0

**Bp = 180 line = MAGIC.183 , Chr = 1**



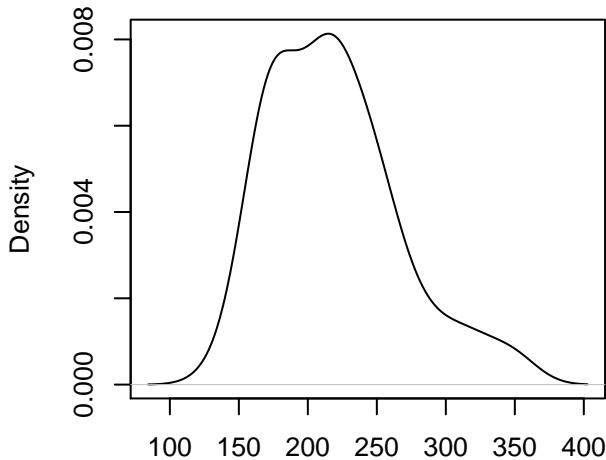
Insert size, N =52  
breakpoint: 12027141 – 12027167 col-0 can-0

**Bp = 181 line = MAGIC.183 , Chr = 1**



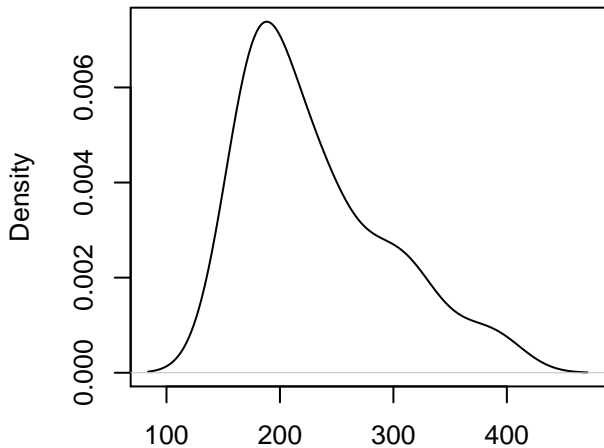
Insert size, N =36  
breakpoint: 12078137 – 12078348 can-0 oy-0

**Bp = 182 line = MAGIC.183 , Chr = 1**



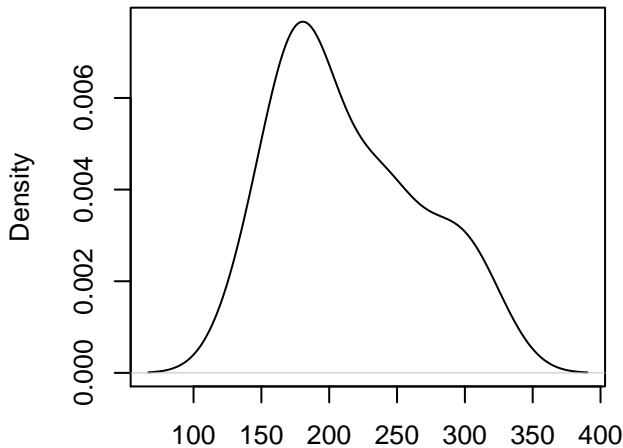
Insert size, N =67  
breakpoint: 12192065 – 12192079 oy-0 wil-2

**Bp = 183 line = MAGIC.183 , Chr = 1**



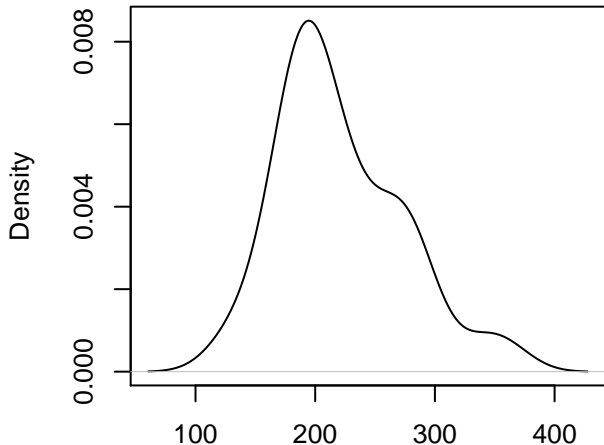
Insert size, N =44  
breakpoint: 12237927 – 12237989 wil-2 edi-0

**Bp = 184 line = MAGIC.183 , Chr = 1**



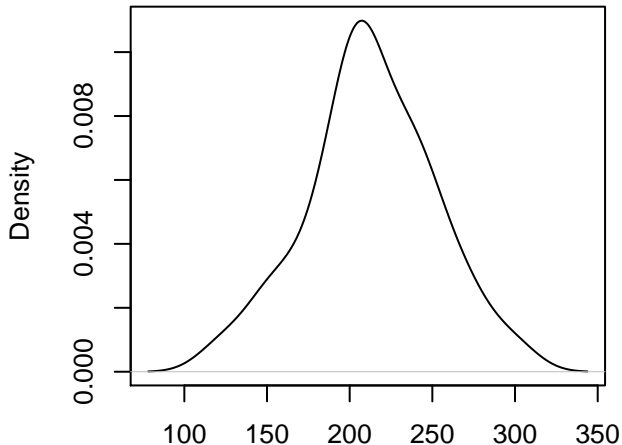
Insert size, N =37  
breakpoint: 12251087 – 12251107 edi-0 zu-0

**Bp = 185 line = MAGIC.183 , Chr = 1**



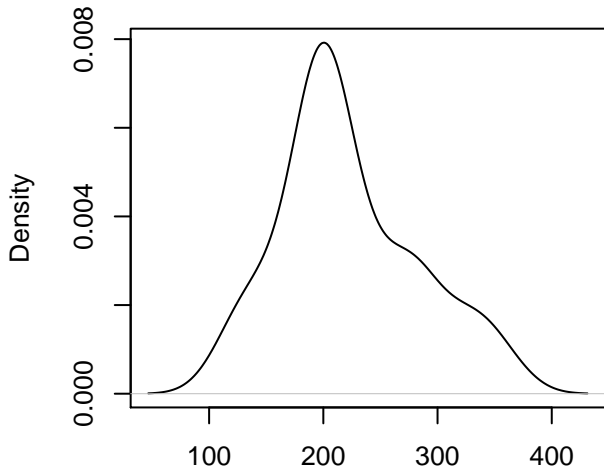
Insert size, N =36  
breakpoint: 12256030 – 12256080 zu-0 wil-2

**Bp = 186 line = MAGIC.183 , Chr = 1**



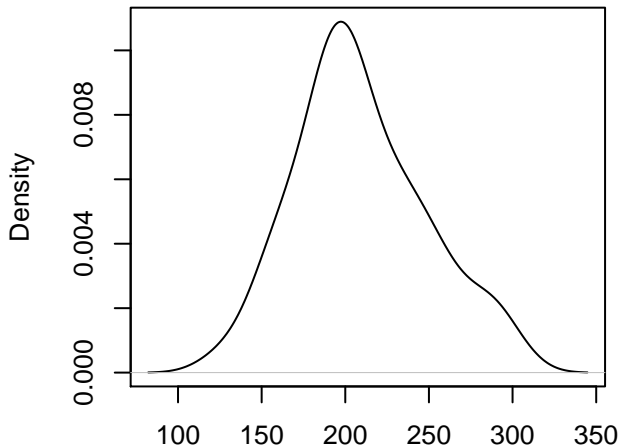
Insert size, N =32  
breakpoint: 12363757 – 12363790 wil-2 hi-0

**Bp = 187 line = MAGIC.183 , Chr = 1**



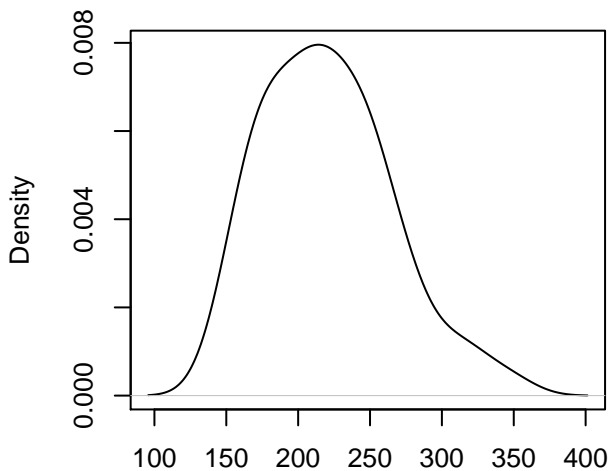
Insert size, N =32  
breakpoint: 12440676 – 12440686 hi-0 ct-1

**Bp = 188 line = MAGIC.183 , Chr = 1**



Insert size, N =52  
breakpoint: 12445460 – 12445472 ct-1 hi-0

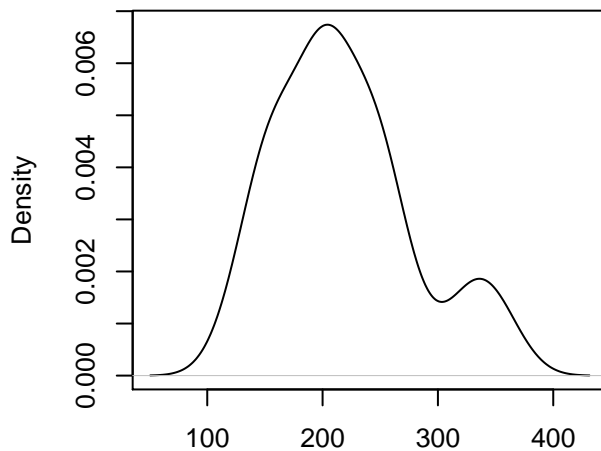
**Bp = 189 line = MAGIC.183 , Chr = 1**



Insert size, N =68

breakpoint: 12600808 – 12600811 hi-0 ct-1

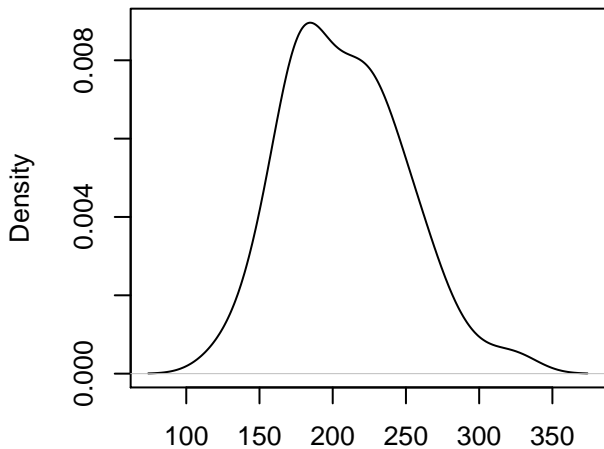
**Bp = 190 line = MAGIC.183 , Chr = 1**



Insert size, N =81

breakpoint: 12617230 – 12617235 ct-1 zu-0

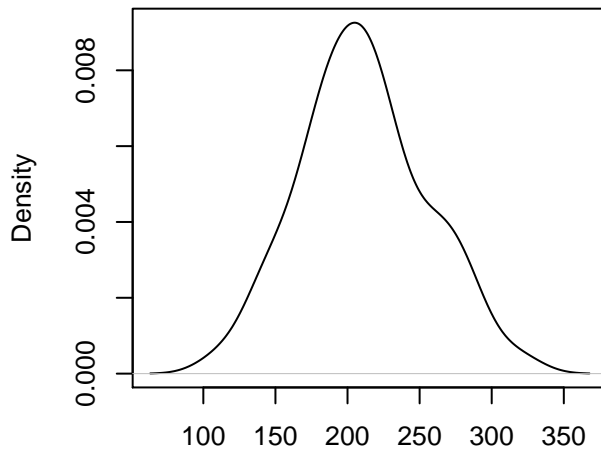
**Bp = 191 line = MAGIC.183 , Chr = 1**



Insert size, N =47

breakpoint: 12632717 – 12632726 zu-0 col-0

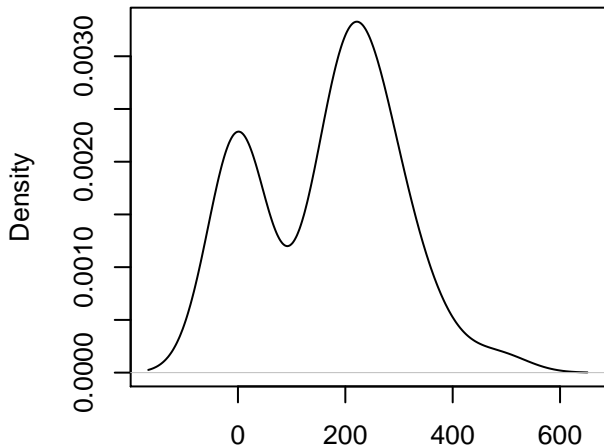
**Bp = 192 line = MAGIC.183 , Chr = 1**



Insert size, N =55

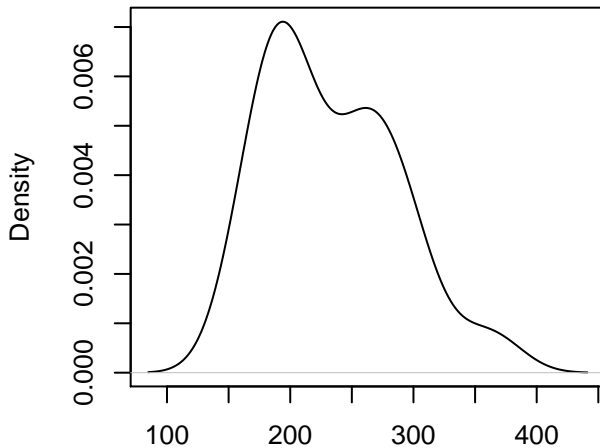
breakpoint: 12660781 – 12660792 col-0 wu-0

**Bp = 193 line = MAGIC.183 , Chr = 1**



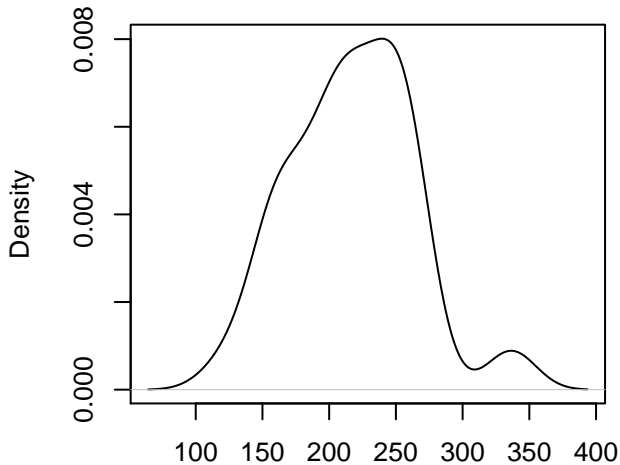
Insert size, N =41  
breakpoint: 12664916 – 12664931 wu-0 hi-0

**Bp = 194 line = MAGIC.183 , Chr = 1**



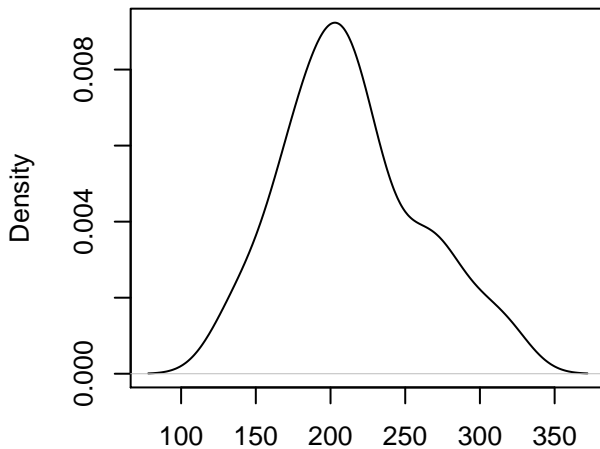
Insert size, N =38  
breakpoint: 12691431 – 12691449 hi-0 kn-0

**Bp = 195 line = MAGIC.183 , Chr = 1**



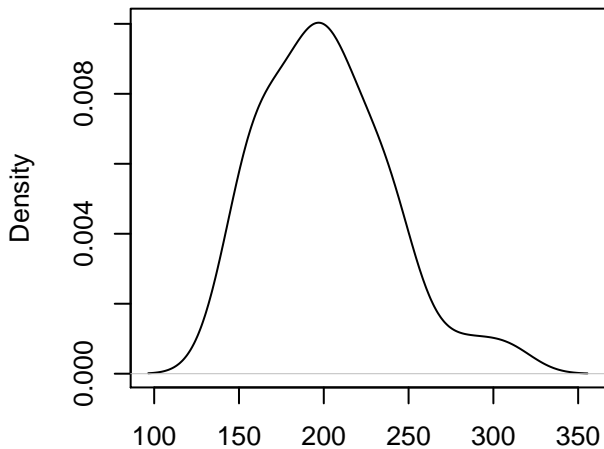
Insert size, N =49  
breakpoint: 12746061 – 12746080 kn-0 sf-2

**Bp = 196 line = MAGIC.183 , Chr = 1**



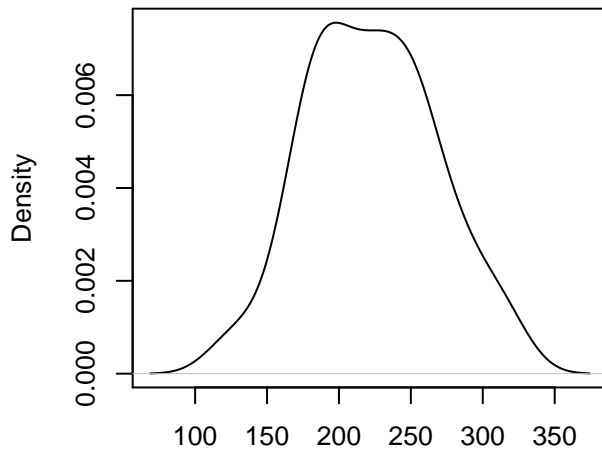
Insert size, N =42  
breakpoint: 12863746 – 12863810 sf-2 ws-0

**Bp = 197 line = MAGIC.183 , Chr = 1**



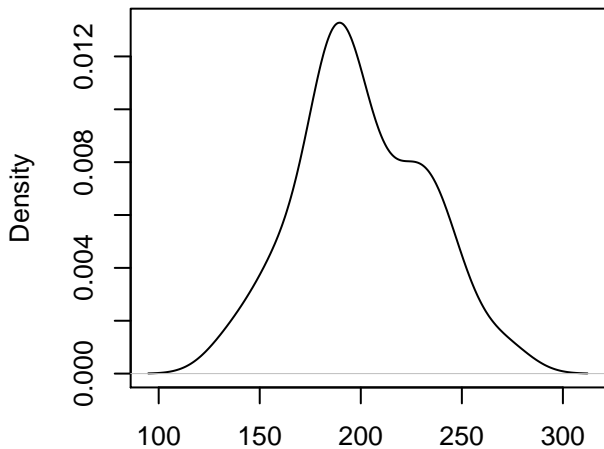
Insert size, N =35  
breakpoint: 12881988 – 12882065 ws-0 oy-0

**Bp = 198 line = MAGIC.183 , Chr = 1**



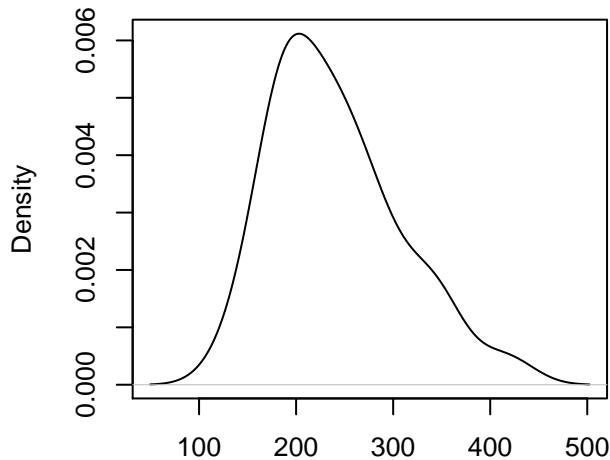
Insert size, N =63  
breakpoint: 12891875 – 12891904 oy-0 ws-0

**Bp = 199 line = MAGIC.183 , Chr = 1**



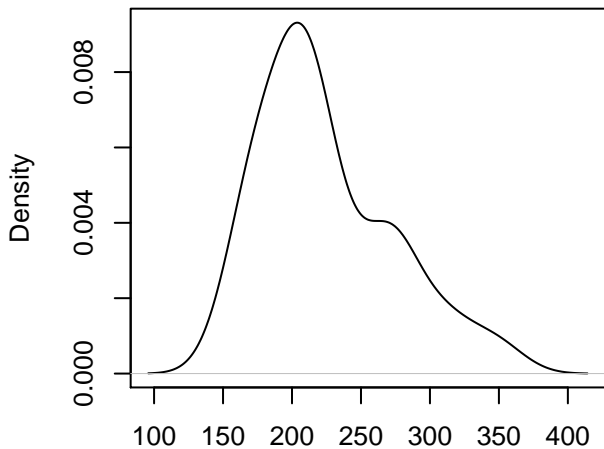
Insert size, N =62  
breakpoint: 12902457 – 12902507 ws-0 ler-0

**Bp = 200 line = MAGIC.183 , Chr = 1**



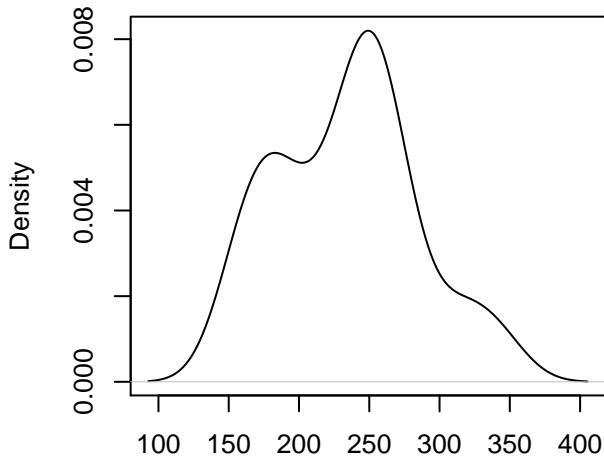
Insert size, N =29  
breakpoint: 12922002 – 12922036 ler-0 bur-0

**Bp = 201 line = MAGIC.183 , Chr = 1**



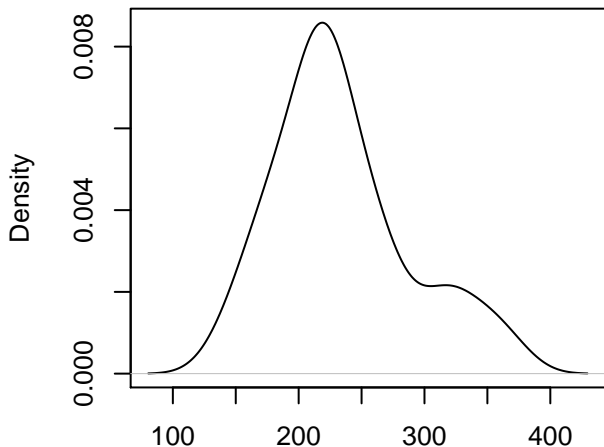
Insert size, N =71  
breakpoint: 12940843 – 12940852 bur-0 no-0

**Bp = 202 line = MAGIC.183 , Chr = 1**



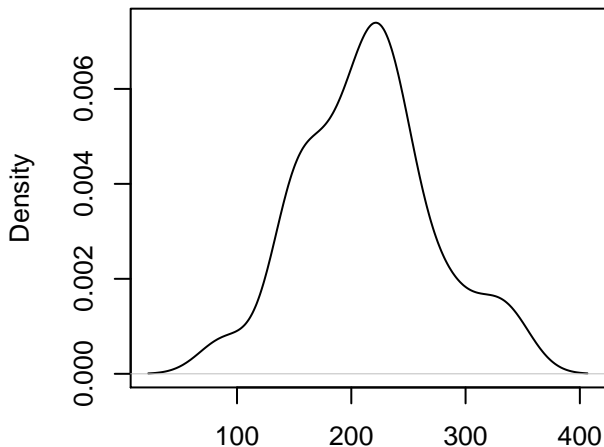
Insert size, N =47  
breakpoint: 12948227 – 12948251 no-0 bur-0

**Bp = 203 line = MAGIC.183 , Chr = 1**



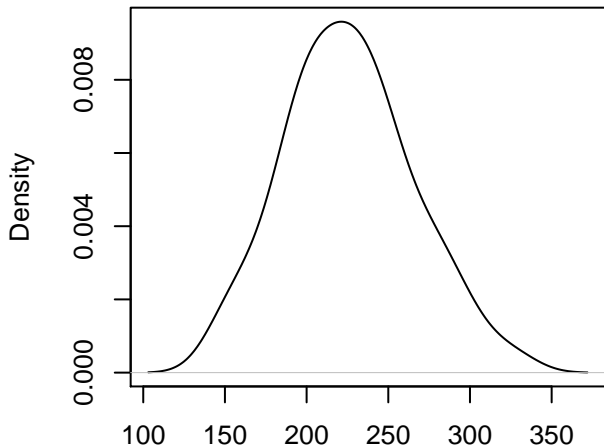
Insert size, N =46  
breakpoint: 12953423 – 12953433 bur-0 zu-0

**Bp = 204 line = MAGIC.183 , Chr = 1**



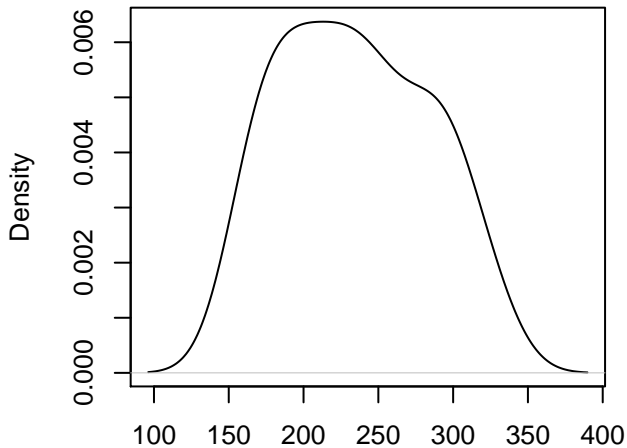
Insert size, N =25  
breakpoint: 12984978 – 12984979 zu-0 hi-0

**Bp = 205 line = MAGIC.183 , Chr = 1**



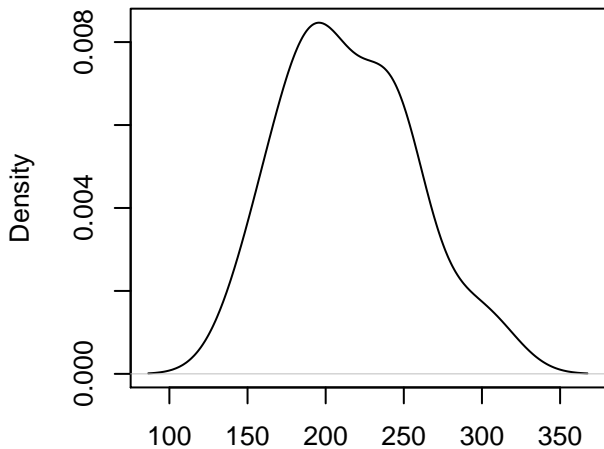
Insert size, N =58  
breakpoint: 12992302 – 12992325 hi-0 po-0

**Bp = 206 line = MAGIC.183 , Chr = 1**



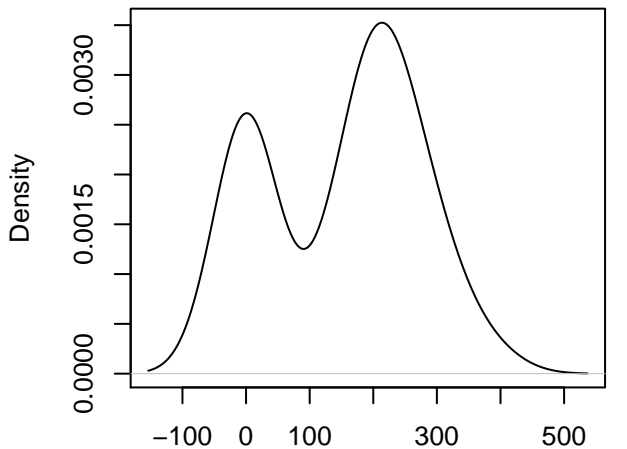
Insert size, N =42  
breakpoint: 13030674 – 13030807 po-0 zu-0

**Bp = 207 line = MAGIC.183 , Chr = 1**



Insert size, N =21  
breakpoint: 13044209 – 13044231 zu-0 ler-0

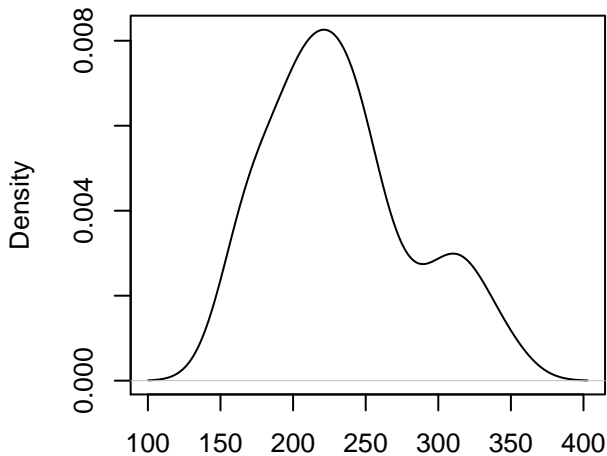
**Bp = 208 line = MAGIC.183 , Chr = 1**



Insert size, N =39  
breakpoint: 13080789 – 13080858 ler-0 rsch-4



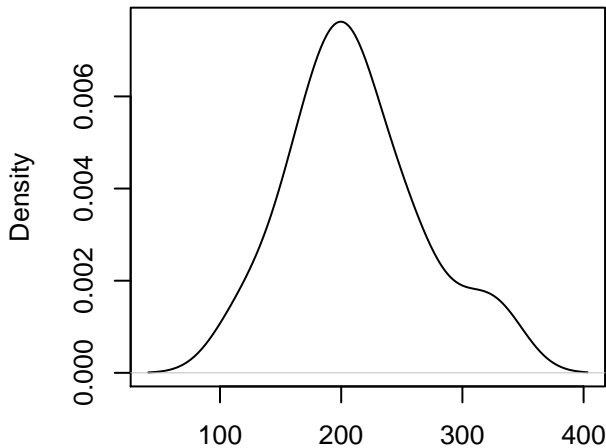
**Bp = 209 line = MAGIC.183 , Chr = 1**



Insert size, N =57

breakpoint: 13112401 – 13112632 rsch-4 can-0

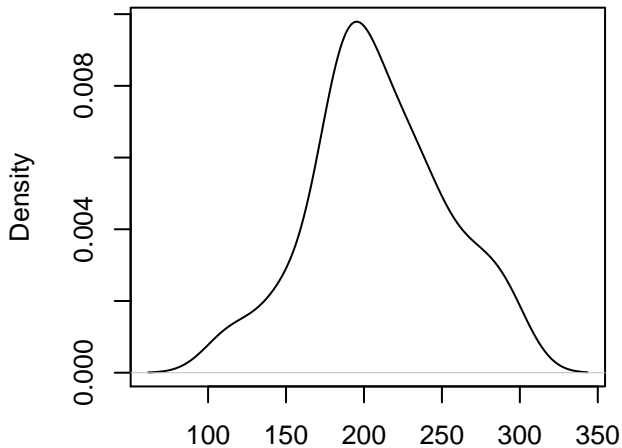
**Bp = 210 line = MAGIC.183 , Chr = 1**



Insert size, N =28

breakpoint: 13125787 – 13125791 can-0 kn-0

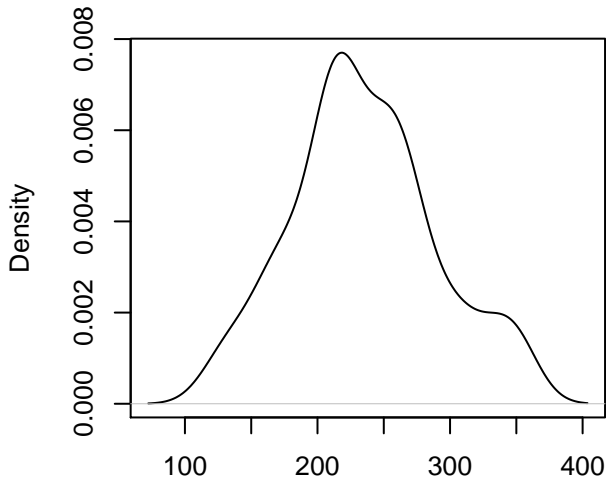
**Bp = 211 line = MAGIC.183 , Chr = 1**



Insert size, N =44

breakpoint: 13171929 – 13171948 kn-0 wil-2

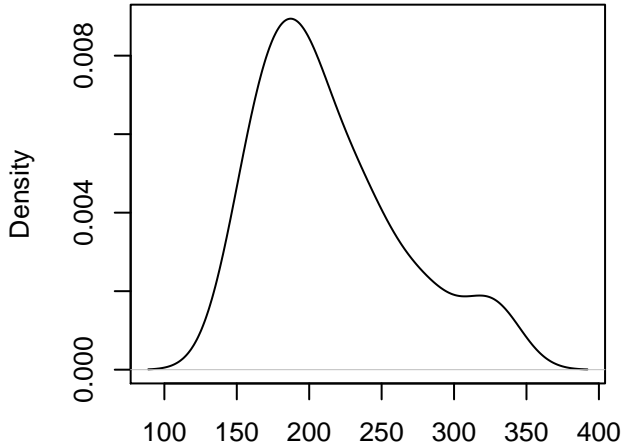
**Bp = 212 line = MAGIC.183 , Chr = 1**



Insert size, N =40

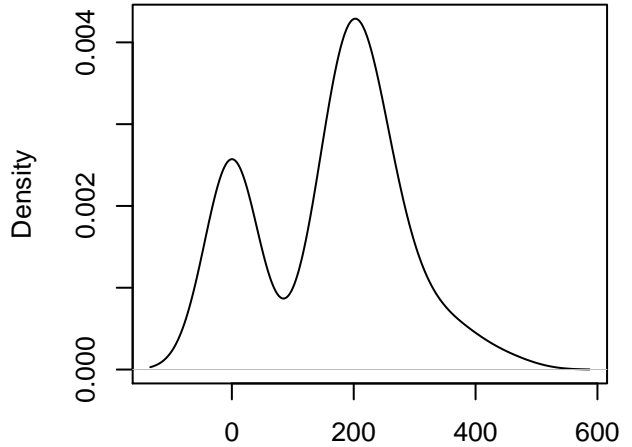
breakpoint: 13203563 – 13203571 wil-2 col-0

**Bp = 213 line = MAGIC.183 , Chr = 1**



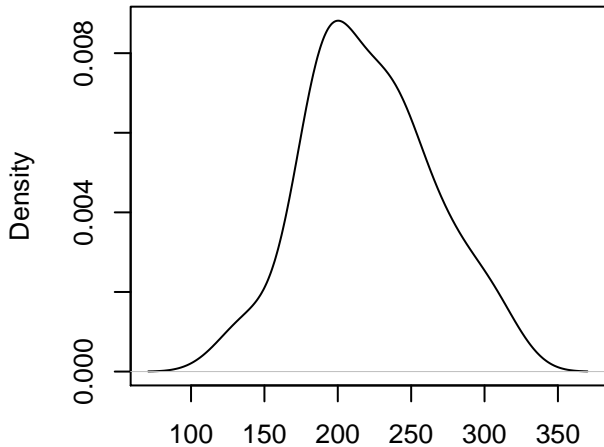
Insert size, N =58  
breakpoint: 13208142 – 13208151 col-0 bur-0

**Bp = 214 line = MAGIC.183 , Chr = 1**



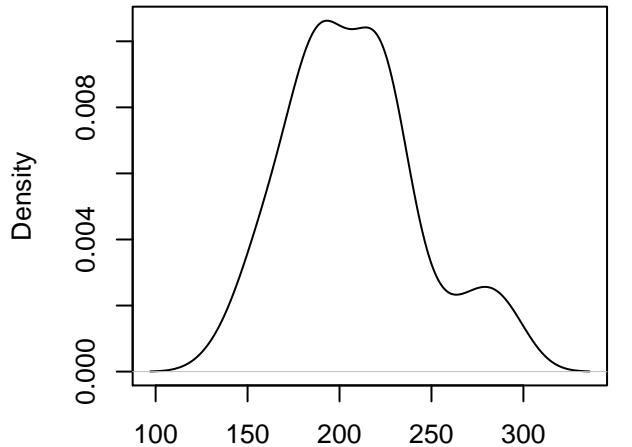
Insert size, N =73  
breakpoint: 13224706 – 13224708 bur-0 wil-2

**Bp = 215 line = MAGIC.183 , Chr = 1**



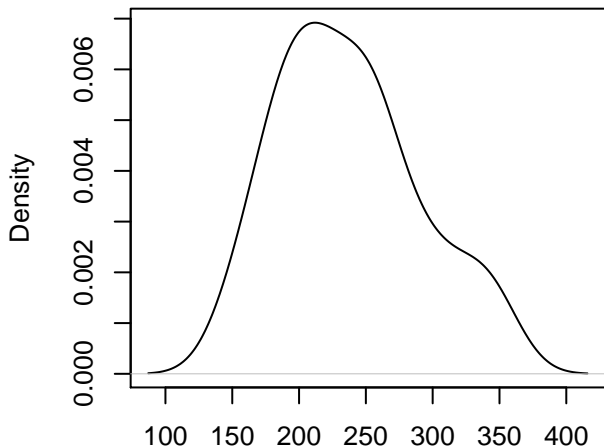
Insert size, N =78  
breakpoint: 13228113 – 13228115 wil-2 sf-2

**Bp = 216 line = MAGIC.183 , Chr = 1**

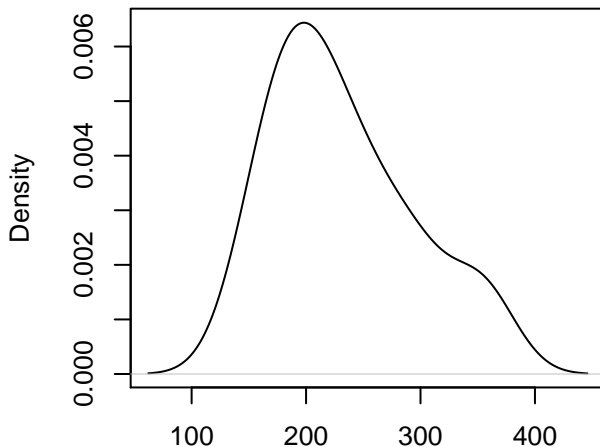


Insert size, N =64  
breakpoint: 13254642 – 13254729 sf-2 edi-0

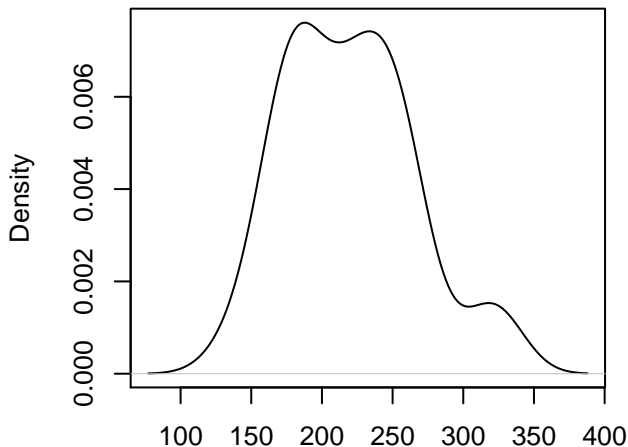
**Bp = 217 line = MAGIC.183 , Chr = 1**



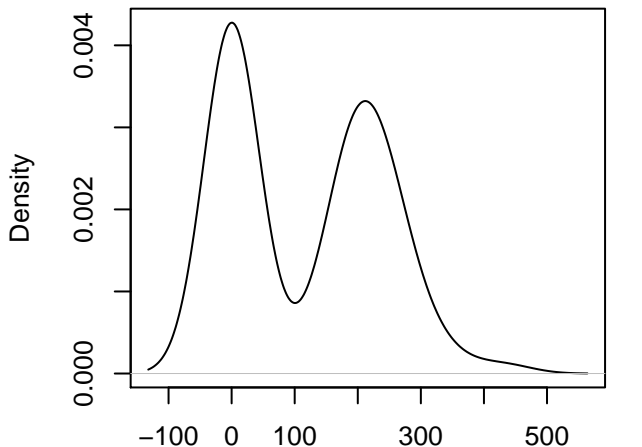
**Bp = 218 line = MAGIC.183 , Chr = 1**



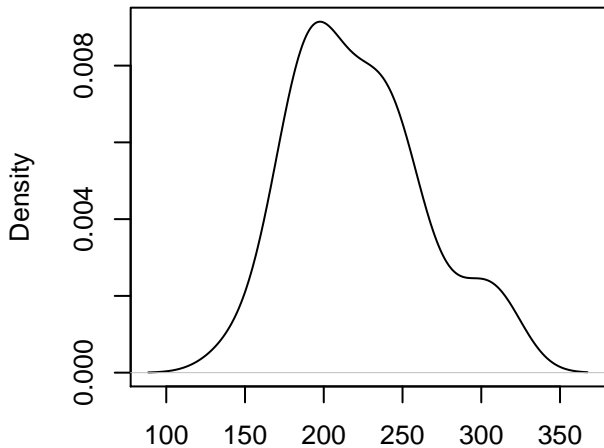
**Bp = 219 line = MAGIC.183 , Chr = 1**



**Bp = 220 line = MAGIC.183 , Chr = 1**

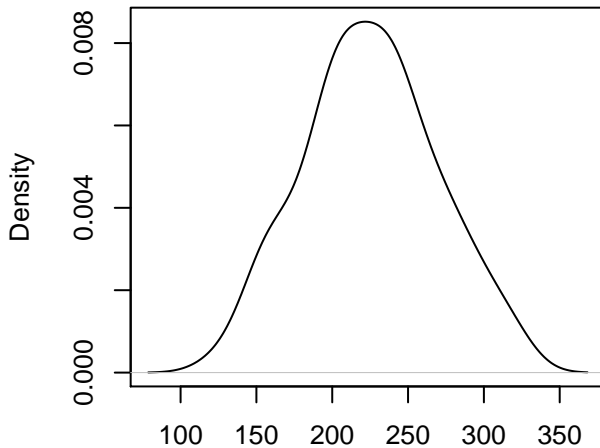


**Bp = 221 line = MAGIC.183 , Chr = 1**



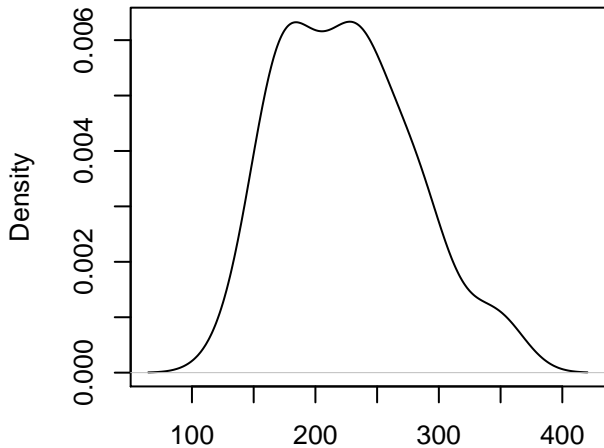
Insert size, N =41  
breakpoint: 13457767 – 13457838 col-0 sf-2

**Bp = 222 line = MAGIC.183 , Chr = 1**



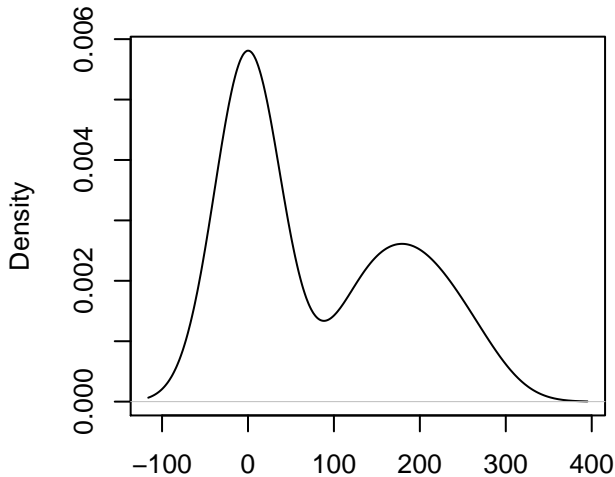
Insert size, N =70  
breakpoint: 13470627 – 13470655 sf-2 col-0

**Bp = 223 line = MAGIC.183 , Chr = 1**



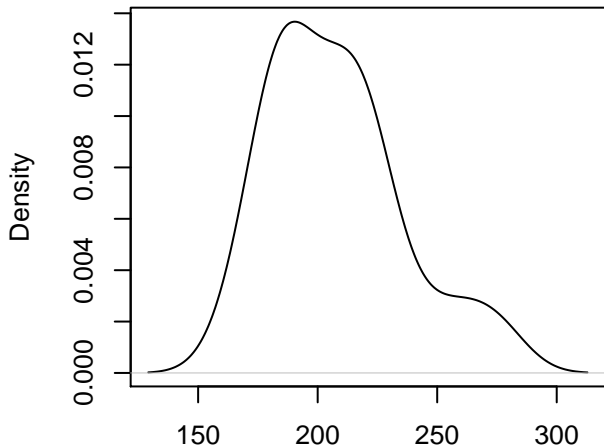
Insert size, N =53  
breakpoint: 13699028 – 13699051 col-0 ler-0

**Bp = 224 line = MAGIC.183 , Chr = 1**



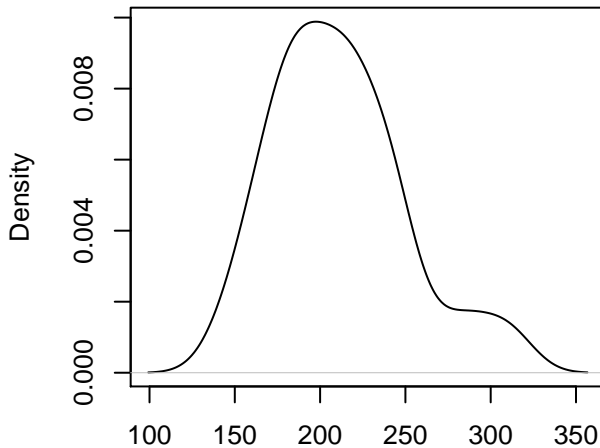
Insert size, N =64  
breakpoint: 13852524 – 13852534 ler-0 kn-0

**Bp = 225 line = MAGIC.183 , Chr = 1**



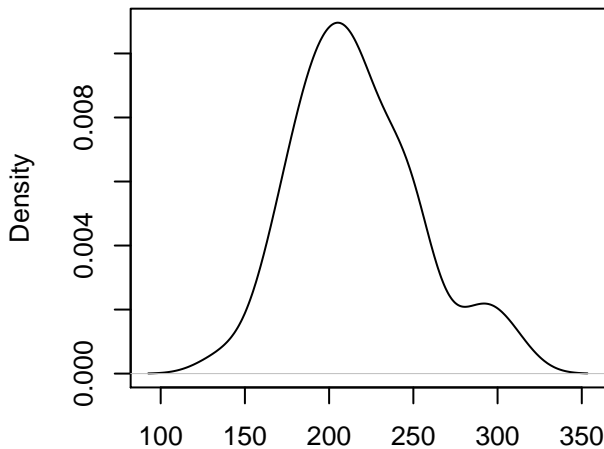
Insert size, N =17  
breakpoint: 13901327 – 13901337 kn-0 sf-2

**Bp = 226 line = MAGIC.183 , Chr = 1**



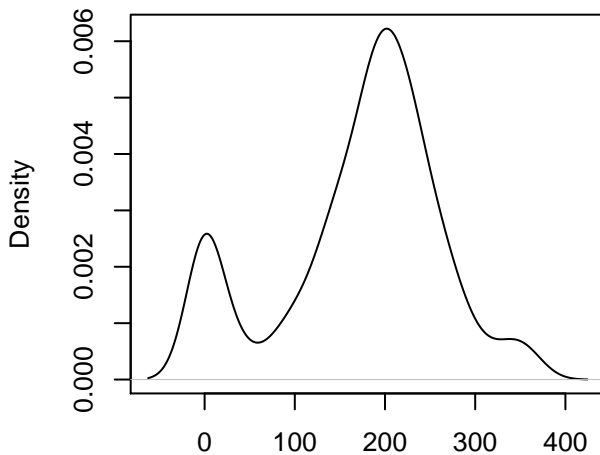
Insert size, N =72  
breakpoint: 14145089 – 14145211 sf-2 po-0

**Bp = 227 line = MAGIC.183 , Chr = 1**



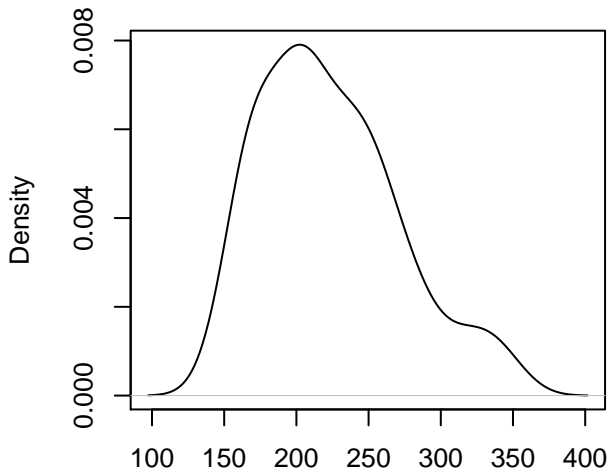
Insert size, N =55  
breakpoint: 14172362 – 14172365 po-0 ler-0

**Bp = 228 line = MAGIC.183 , Chr = 1**

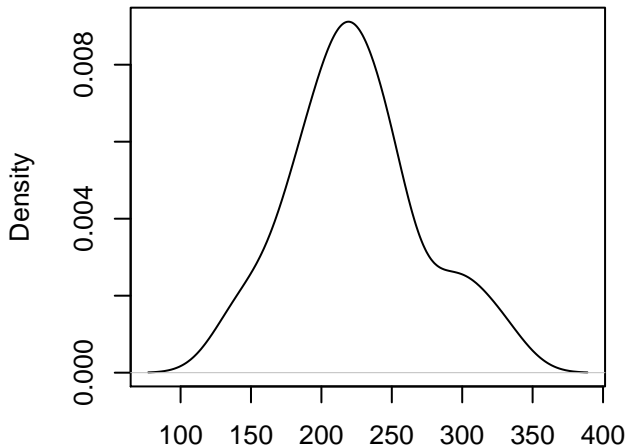


Insert size, N =266  
breakpoint: 14592520 – 14592626 ler-0 edi-0

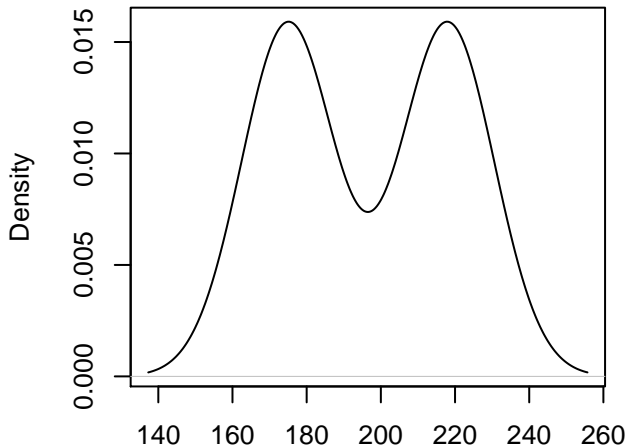
**Bp = 229 line = MAGIC.183 , Chr = 1**



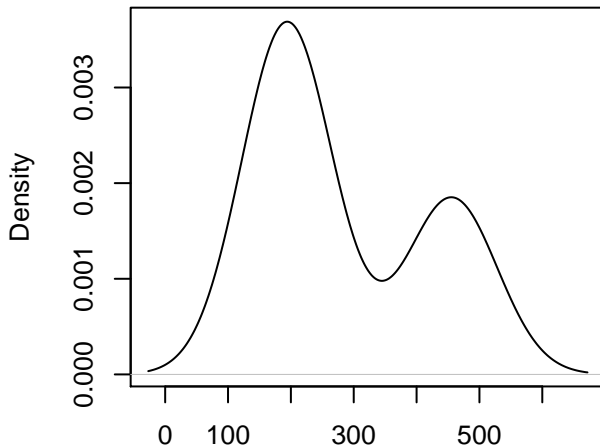
**Bp = 230 line = MAGIC.183 , Chr = 1**



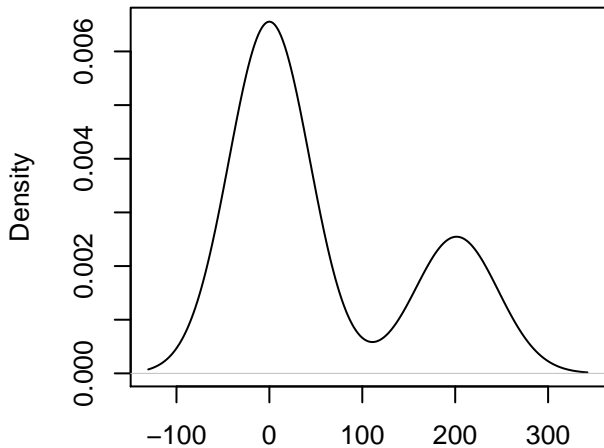
**Bp = 231 line = MAGIC.183 , Chr = 1**



**Bp = 232 line = MAGIC.183 , Chr = 1**

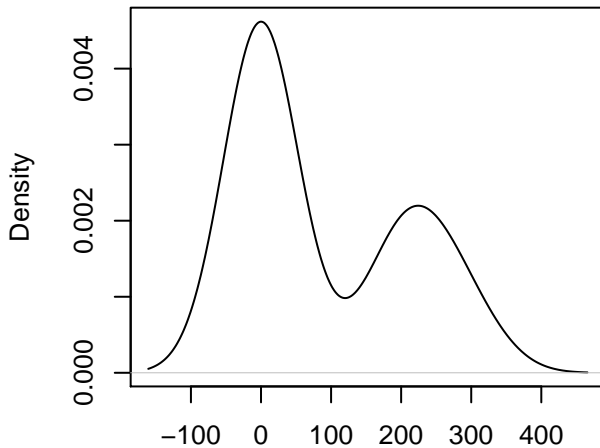


**Bp = 233 line = MAGIC.183 , Chr = 1**



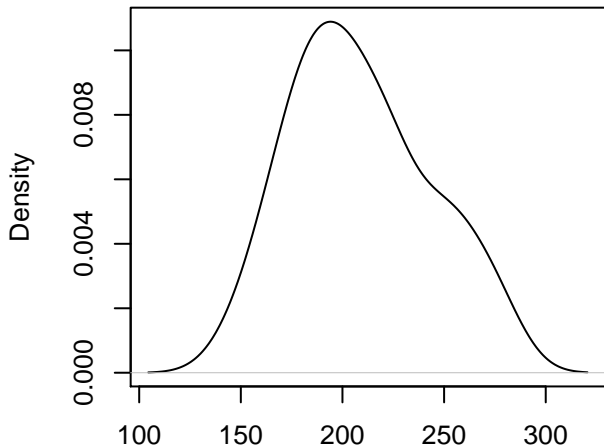
Insert size, N =7  
breakpoint: 15855291 – 15855317 rsch-4 ct-1

**Bp = 234 line = MAGIC.183 , Chr = 1**



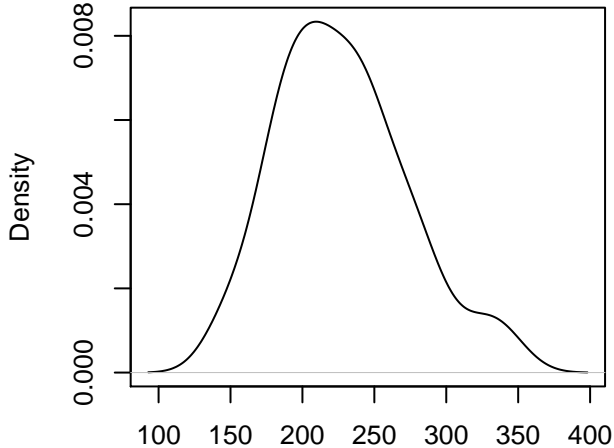
Insert size, N =29  
breakpoint: 15880246 – 15880247 ct-1 rsch-4

**Bp = 235 line = MAGIC.183 , Chr = 1**



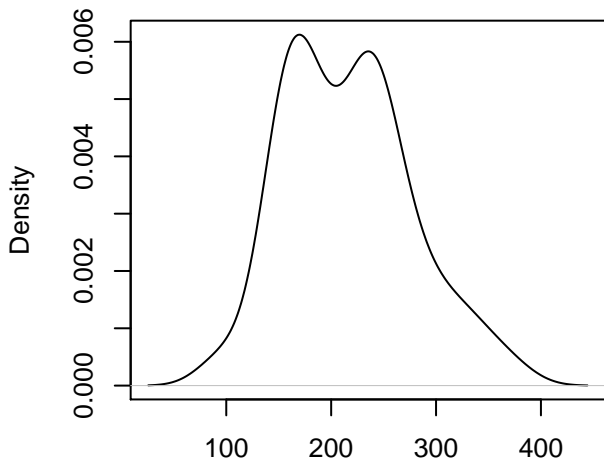
Insert size, N =34  
breakpoint: 15924493 – 15924506 rsch-4 ler-0

**Bp = 236 line = MAGIC.183 , Chr = 1**



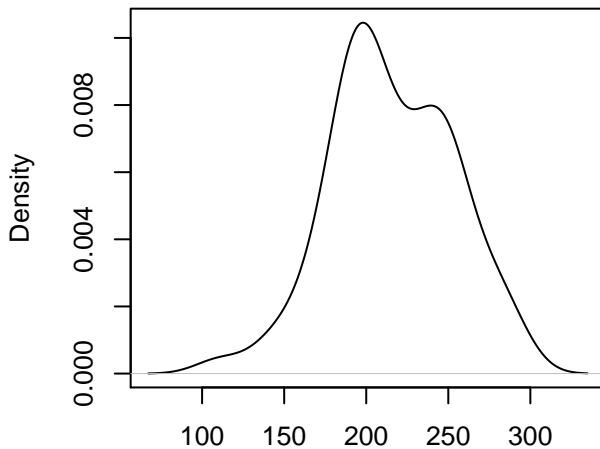
Insert size, N =79  
breakpoint: 15979589 – 15979680 ler-0 ws-0

**Bp = 237 line = MAGIC.183 , Chr = 1**



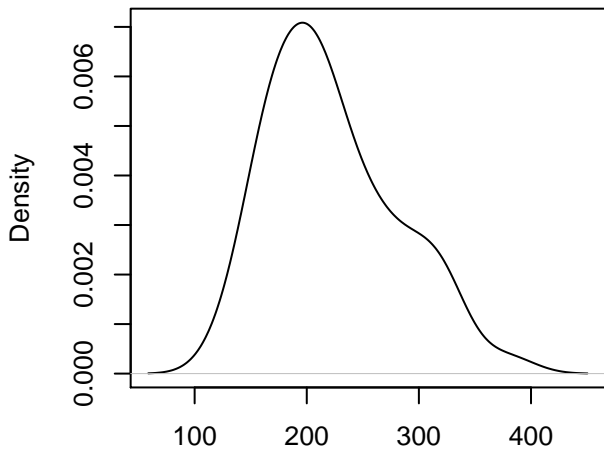
Insert size, N =70  
breakpoint: 16136953 – 16136957 ws-0 tsu-0

**Bp = 238 line = MAGIC.183 , Chr = 1**



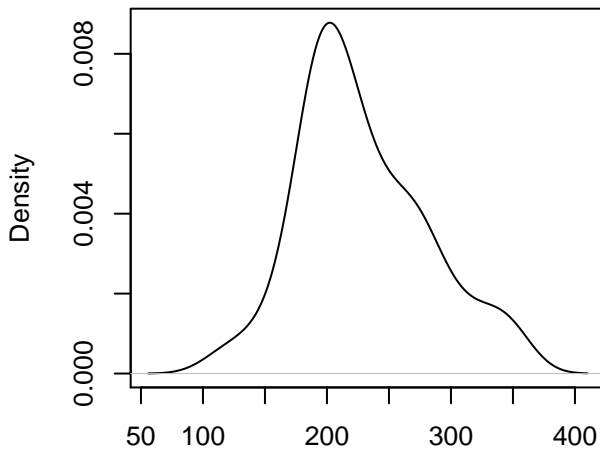
Insert size, N =64  
breakpoint: 16157912 – 16157932 tsu-0 hi-0

**Bp = 239 line = MAGIC.183 , Chr = 1**



Insert size, N =52  
breakpoint: 16183496 – 16183522 hi-0 col-0

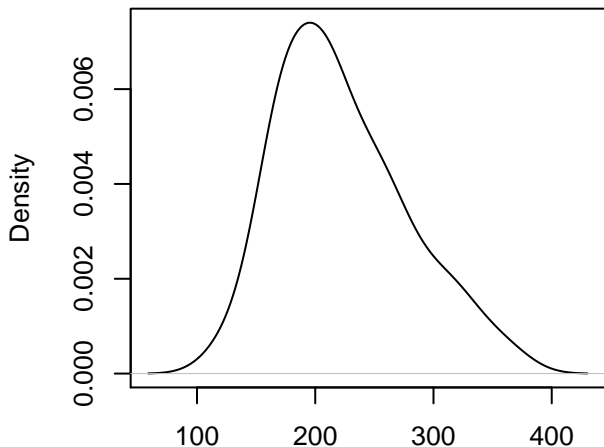
**Bp = 240 line = MAGIC.183 , Chr = 1**



Insert size, N =99  
breakpoint: 16233038 – 16233039 col-0 edi-0

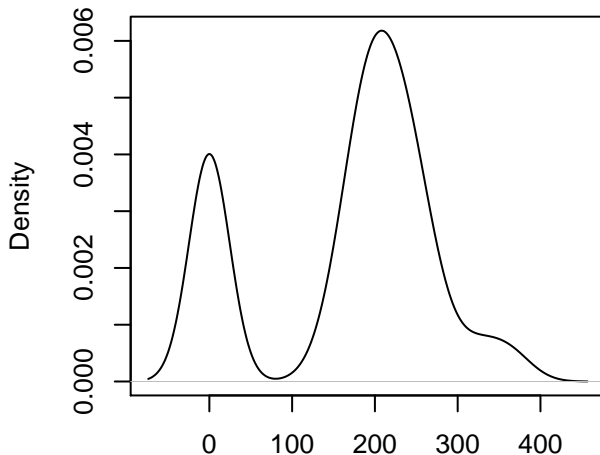


**Bp = 241 line = MAGIC.183 , Chr = 1**



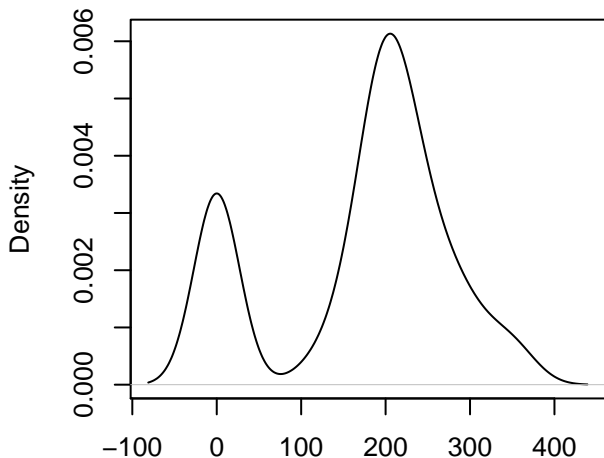
Insert size, N =69  
breakpoint: 16269088 – 16269131 edi-0 mt-0

**Bp = 242 line = MAGIC.183 , Chr = 1**



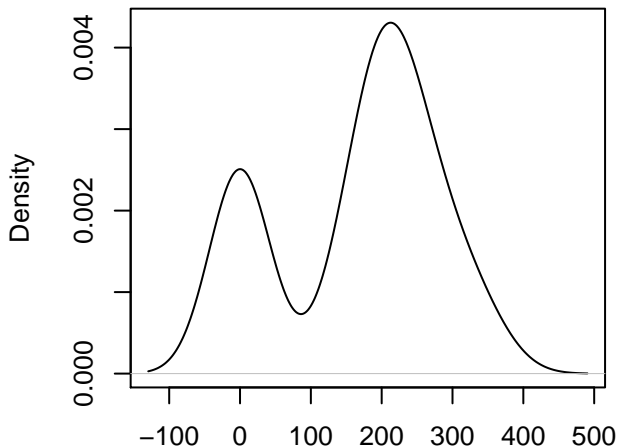
Insert size, N =182  
breakpoint: 16434749 – 16434765 mt-0 rsch-4

**Bp = 243 line = MAGIC.183 , Chr = 1**



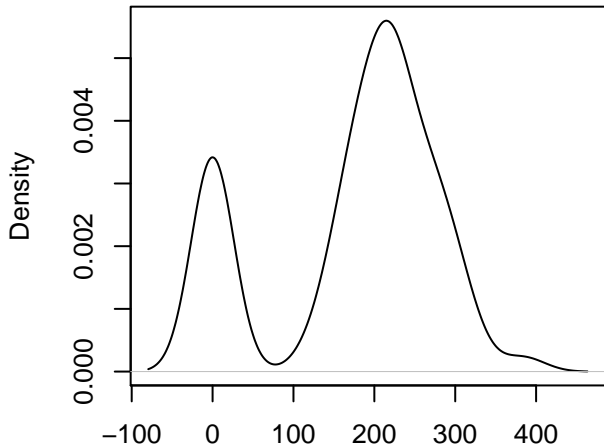
Insert size, N =75  
breakpoint: 16471111 – 16471246 rsch-4 kn-0

**Bp = 244 line = MAGIC.183 , Chr = 1**



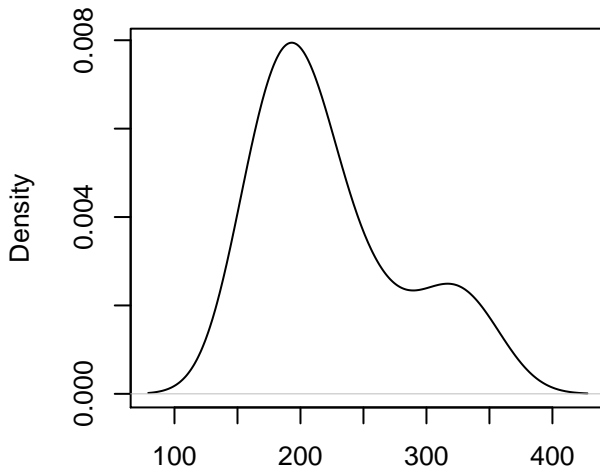
Insert size, N =70  
breakpoint: 16550457 – 16550463 kn-0 ws-0

**Bp = 245 line = MAGIC.183 , Chr = 1**



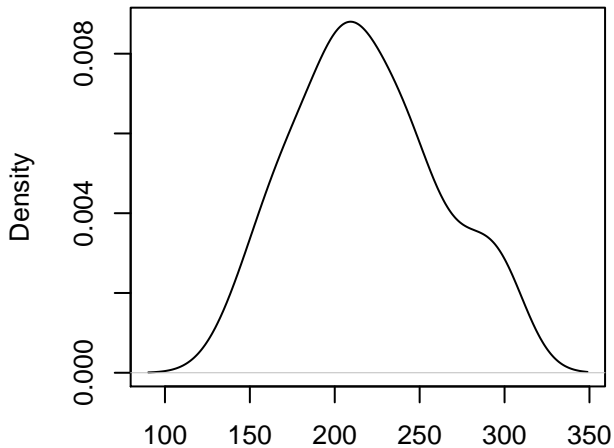
Insert size, N =66  
breakpoint: 16580033 – 16580058 ws-0 ler-0

**Bp = 246 line = MAGIC.183 , Chr = 1**



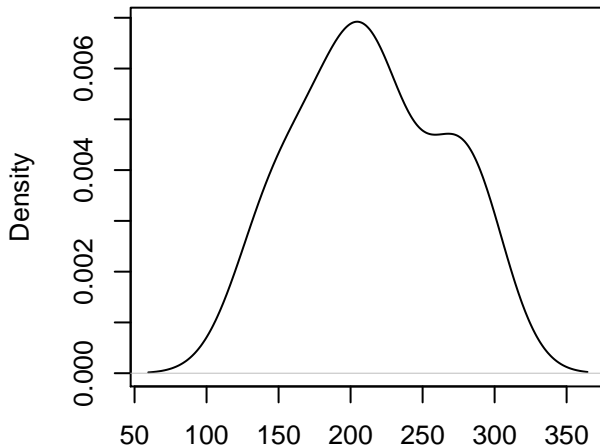
Insert size, N =19  
breakpoint: 16616373 – 16616374 ler-0 zu-0

**Bp = 247 line = MAGIC.183 , Chr = 1**



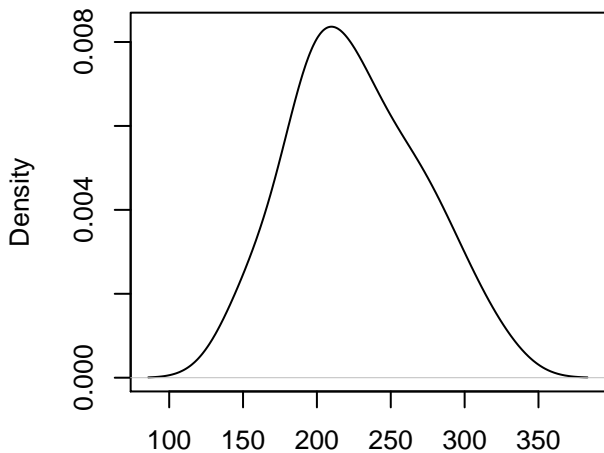
Insert size, N =39  
breakpoint: 16665676 – 16665700 zu-0 tsu-0

**Bp = 248 line = MAGIC.183 , Chr = 1**



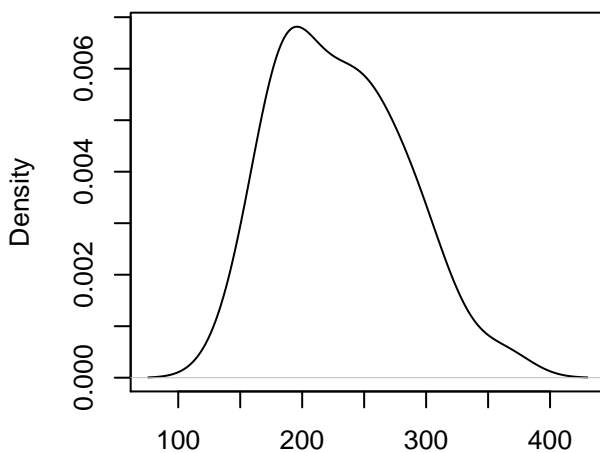
Insert size, N =17  
breakpoint: 16681422 – 16681433 tsu-0 po-0

**Bp = 249 line = MAGIC.183 , Chr = 1**



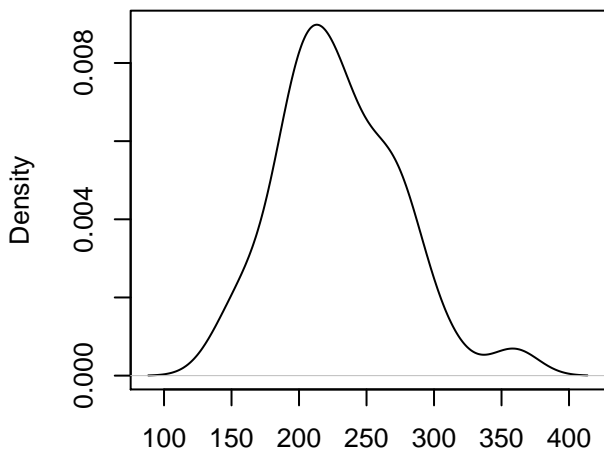
Insert size, N =36  
breakpoint: 16715699 – 16715779 po-0 ws-0

**Bp = 250 line = MAGIC.183 , Chr = 1**



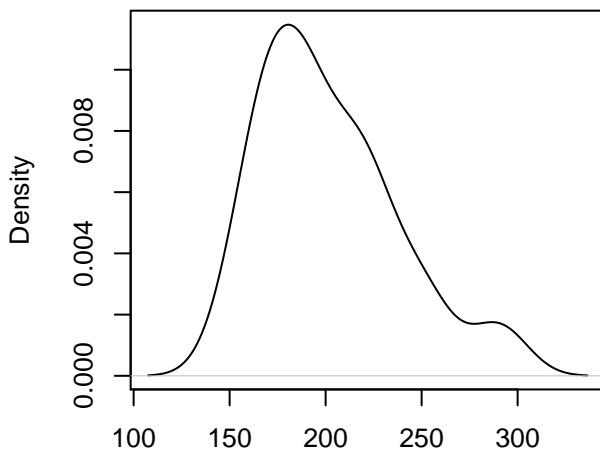
Insert size, N =35  
breakpoint: 16779706 – 16779709 ws-0 ler-0

**Bp = 251 line = MAGIC.183 , Chr = 1**



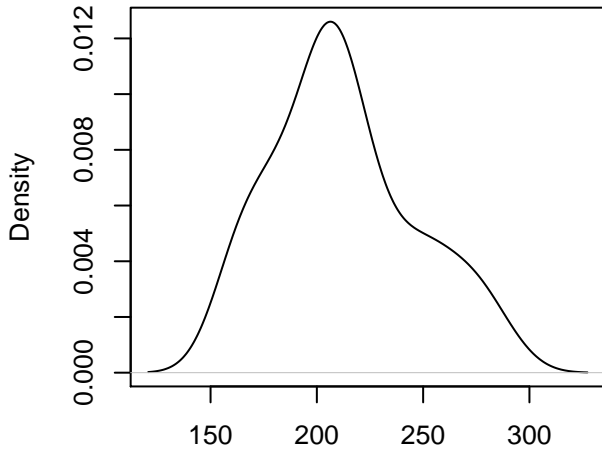
Insert size, N =67  
breakpoint: 16795141 – 16795160 ler-0 sf-2

**Bp = 252 line = MAGIC.183 , Chr = 1**



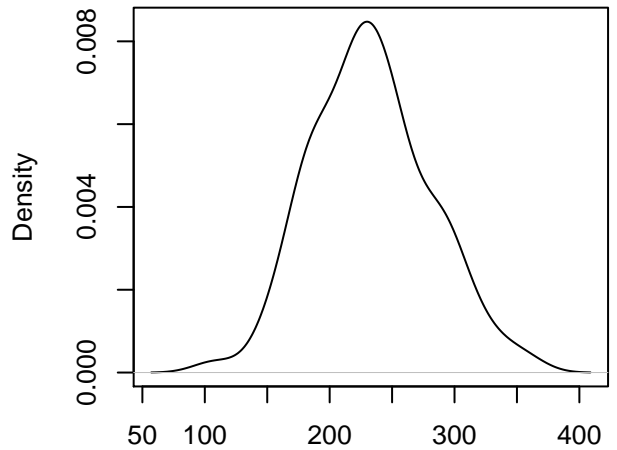
Insert size, N =49  
breakpoint: 16809291 – 16809293 sf-2 ws-0

**Bp = 253 line = MAGIC.183 , Chr = 1**



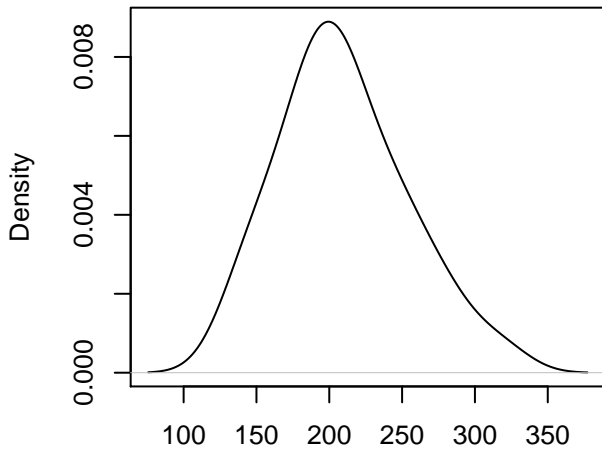
Insert size, N =41  
breakpoint: 16851508 – 16851509 ws-0 wil-2

**Bp = 254 line = MAGIC.183 , Chr = 1**



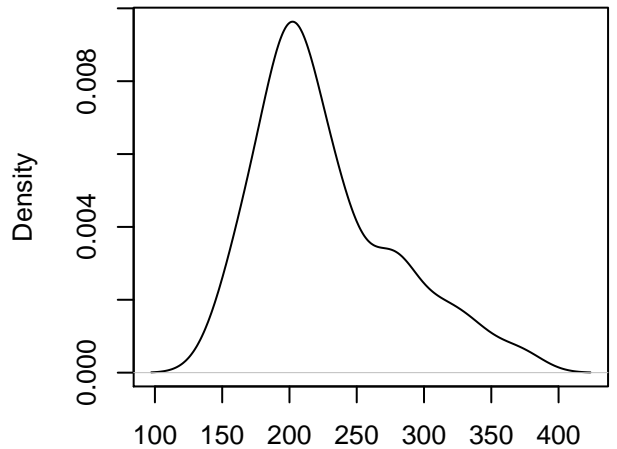
Insert size, N =89  
breakpoint: 16983625 – 16983654 wil-2 no-0

**Bp = 255 line = MAGIC.183 , Chr = 1**



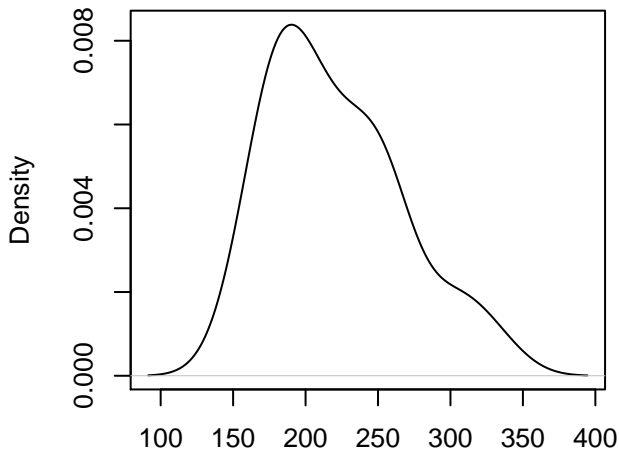
Insert size, N =32  
breakpoint: 17016549 – 17016561 no-0 rsch-4

**Bp = 256 line = MAGIC.183 , Chr = 1**



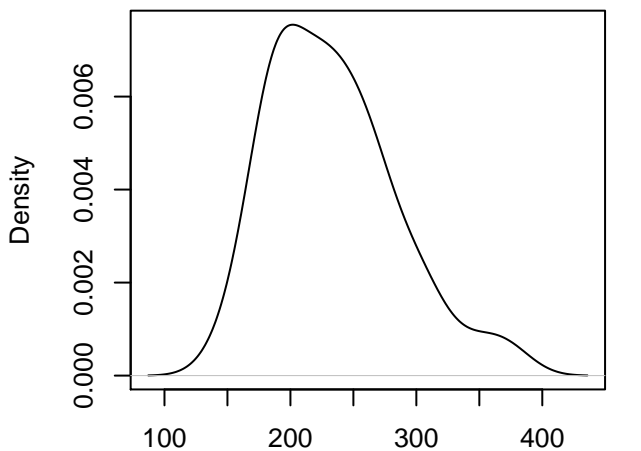
Insert size, N =41  
breakpoint: 17052028 – 17052141 rsch-4 ct-1

**Bp = 257 line = MAGIC.183 , Chr = 1**



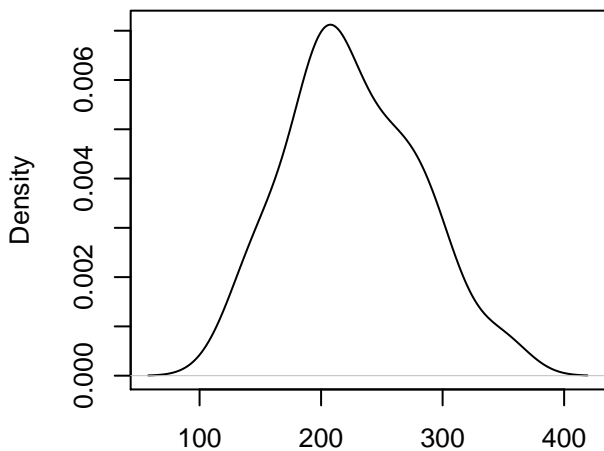
Insert size, N =26  
breakpoint: 17129435 – 17129444 ct-1 wu-0

**Bp = 258 line = MAGIC.183 , Chr = 1**



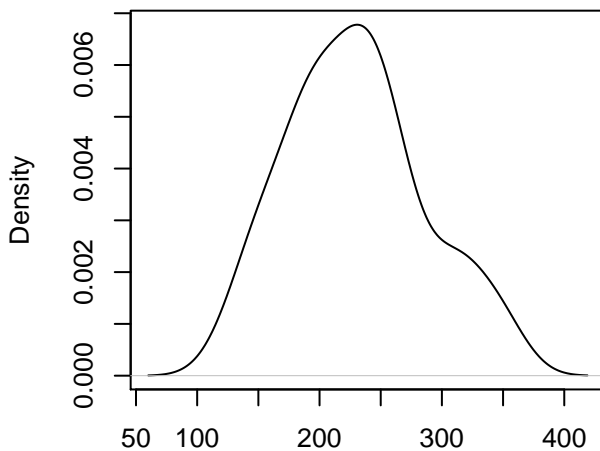
Insert size, N =67  
breakpoint: 17325436 – 17325470 wu-0 po-0

**Bp = 259 line = MAGIC.183 , Chr = 1**



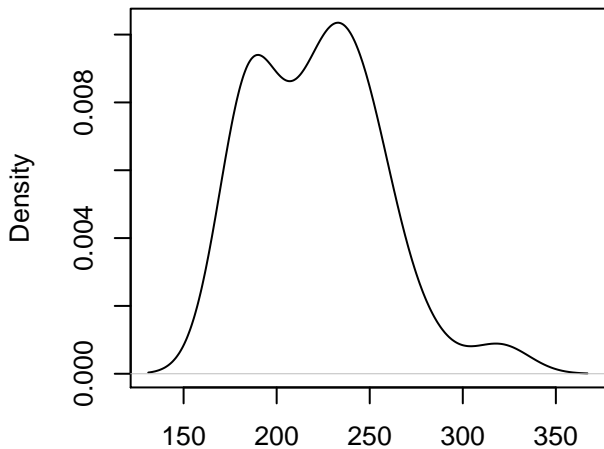
Insert size, N =47  
breakpoint: 17338420 – 17338427 po-0 sf-2

**Bp = 260 line = MAGIC.183 , Chr = 1**



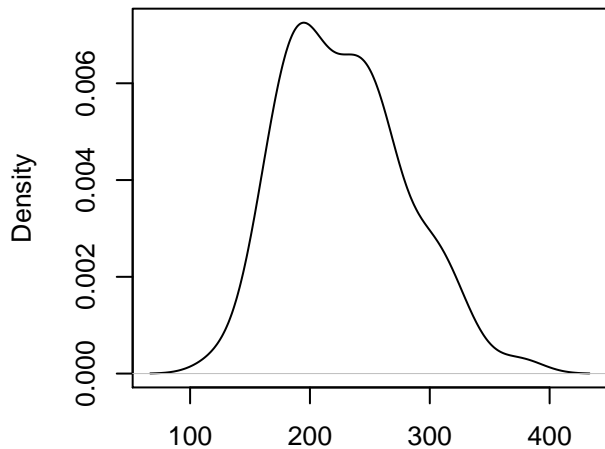
Insert size, N =52  
breakpoint: 17390883 – 17390886 sf-2 wil-2

**Bp = 261 line = MAGIC.183 , Chr = 1**



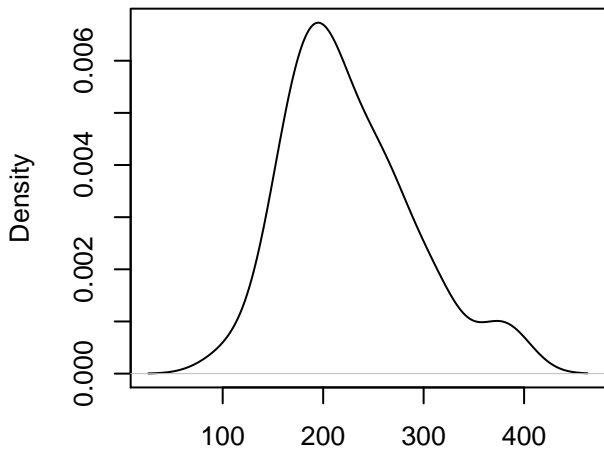
Insert size, N =30  
breakpoint: 17393511 – 17393602 wil-2 ct-1

**Bp = 262 line = MAGIC.183 , Chr = 1**



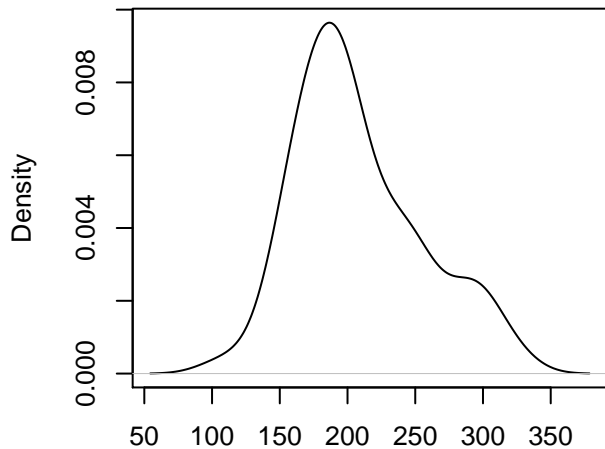
Insert size, N =70  
breakpoint: 17425014 – 17425148 ct-1 col-0

**Bp = 263 line = MAGIC.183 , Chr = 1**



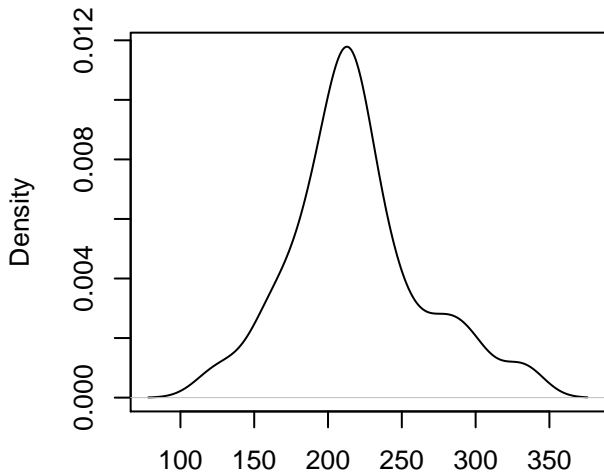
Insert size, N =48  
breakpoint: 17437906 – 17437917 col-0 po-0

**Bp = 264 line = MAGIC.183 , Chr = 1**



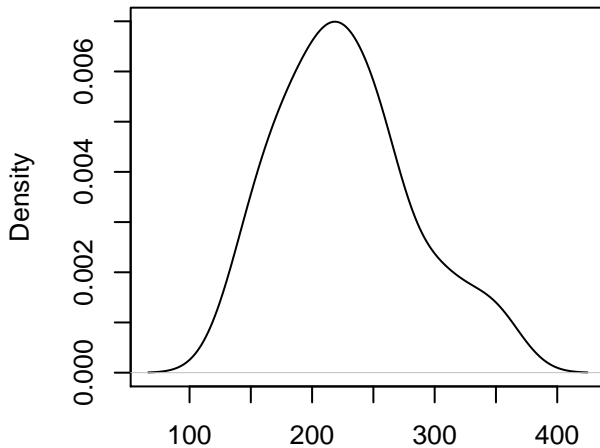
Insert size, N =56  
breakpoint: 17452124 – 17452133 po-0 ler-0

**Bp = 265 line = MAGIC.183 , Chr = 1**



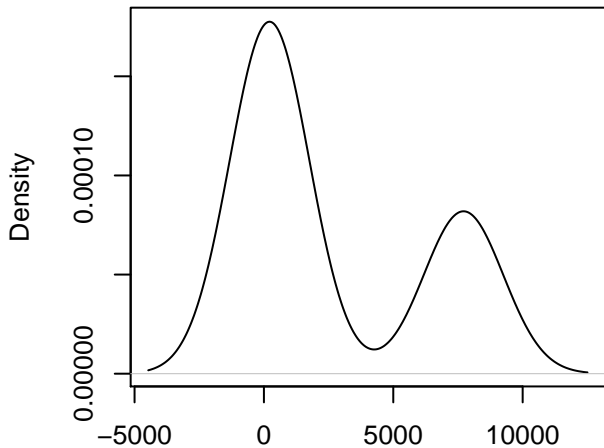
Insert size, N =53  
breakpoint: 17465446 – 17465453 ler-0 sf-2

**Bp = 266 line = MAGIC.183 , Chr = 1**



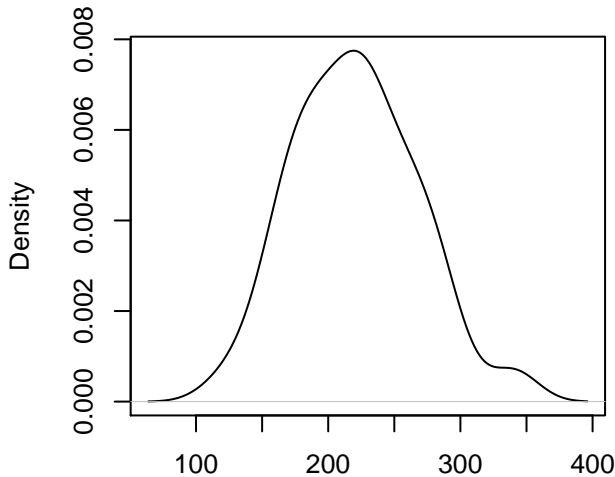
Insert size, N =51  
breakpoint: 17492323 – 17492579 sf-2 kn-0

**Bp = 267 line = MAGIC.183 , Chr = 1**



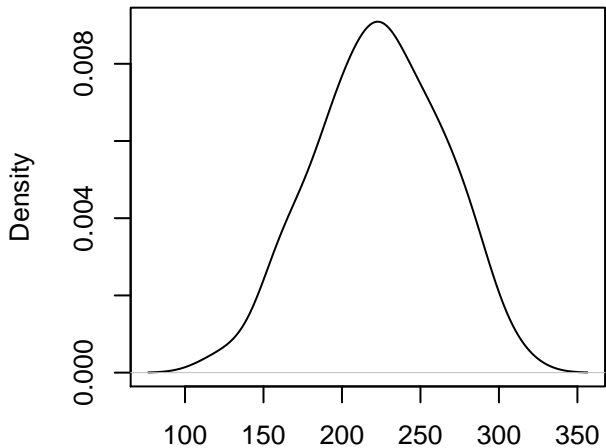
Insert size, N =38  
breakpoint: 17528639 – 17528651 kn-0 wu-0

**Bp = 268 line = MAGIC.183 , Chr = 1**



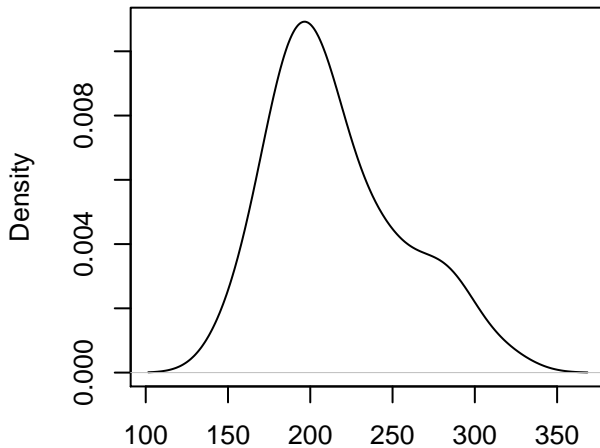
Insert size, N =63  
breakpoint: 17562432 – 17562462 wu-0 tsu-0

**Bp = 269 line = MAGIC.183 , Chr = 1**



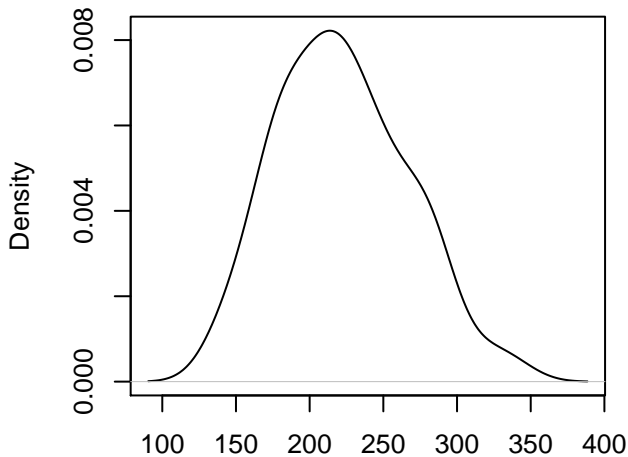
Insert size, N =54  
breakpoint: 17595691 – 17595716 tsu-0 ler-0

**Bp = 270 line = MAGIC.183 , Chr = 1**



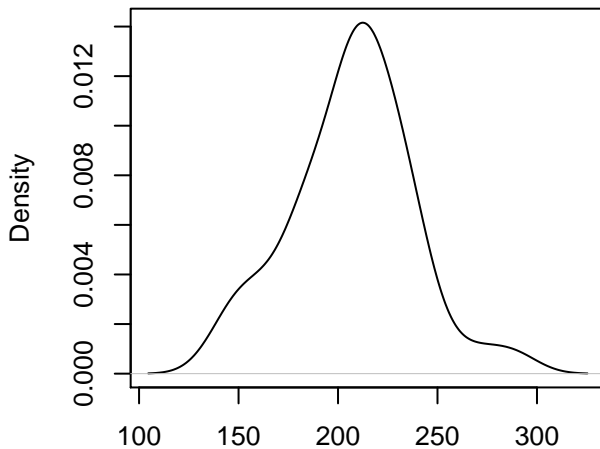
Insert size, N =48  
breakpoint: 17645579 – 17645599 ler-0 wu-0

**Bp = 271 line = MAGIC.183 , Chr = 1**



Insert size, N =59  
breakpoint: 17788486 – 17788494 wu-0 rsch-4

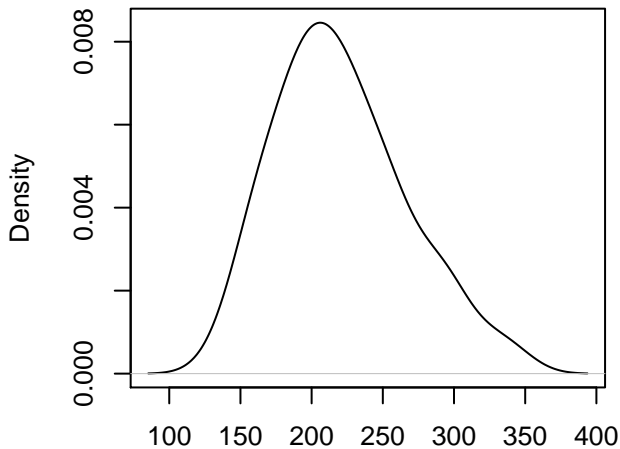
**Bp = 272 line = MAGIC.183 , Chr = 1**



Insert size, N =41  
breakpoint: 17813924 – 17813944 rsch-4 wil-2

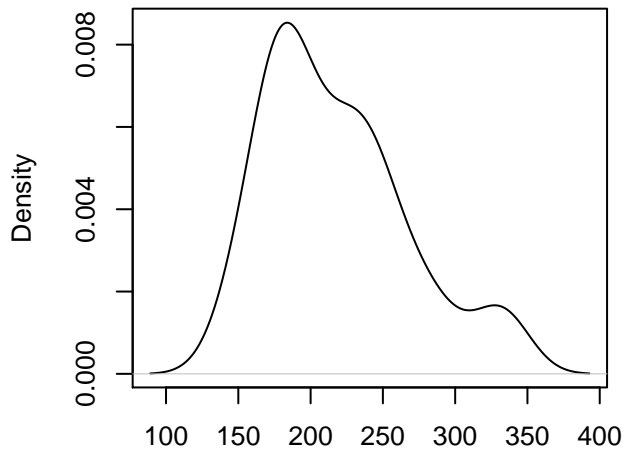


**Bp = 273 line = MAGIC.183 , Chr = 1**



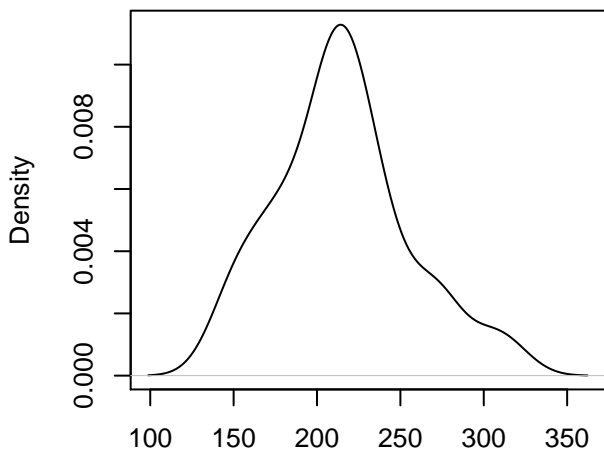
Insert size, N =57  
breakpoint: 17834738 – 17834793 wil-2 ct-1

**Bp = 274 line = MAGIC.183 , Chr = 1**



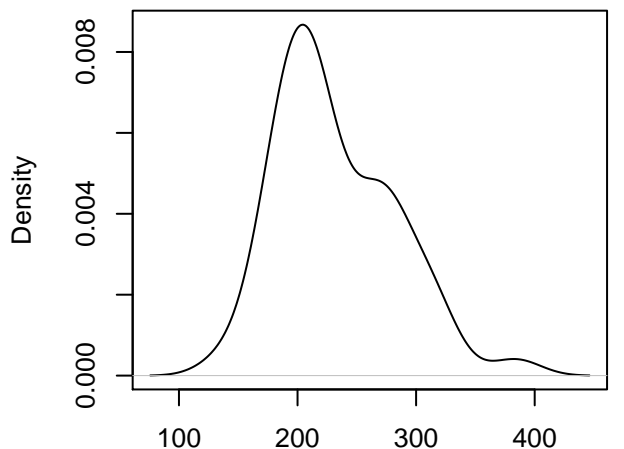
Insert size, N =67  
breakpoint: 17866520 – 17866552 ct-1 no-0

**Bp = 275 line = MAGIC.183 , Chr = 1**



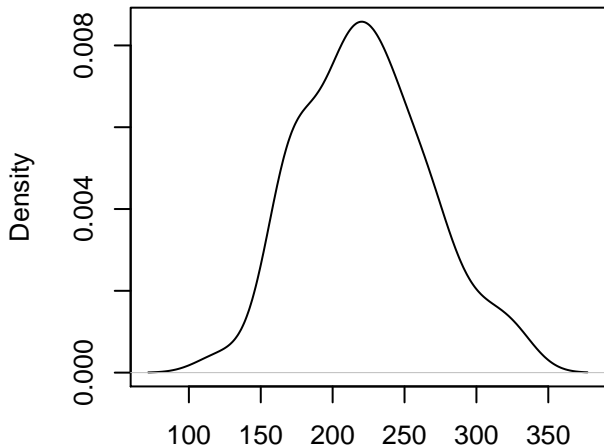
Insert size, N =55  
breakpoint: 17911101 – 17911249 no-0 hi-0

**Bp = 276 line = MAGIC.183 , Chr = 1**



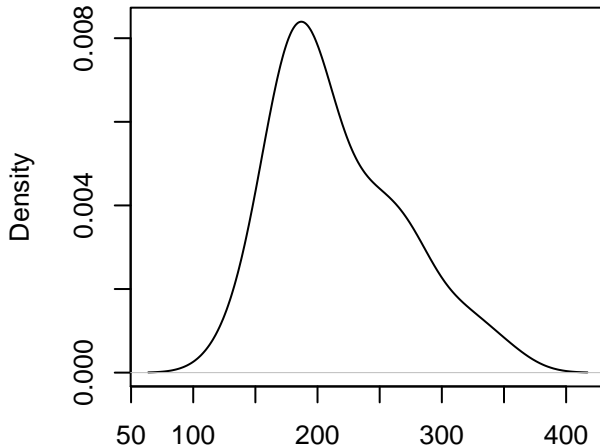
Insert size, N =48  
breakpoint: 17978290 – 17978296 hi-0 no-0

**Bp = 277 line = MAGIC.183 , Chr = 1**



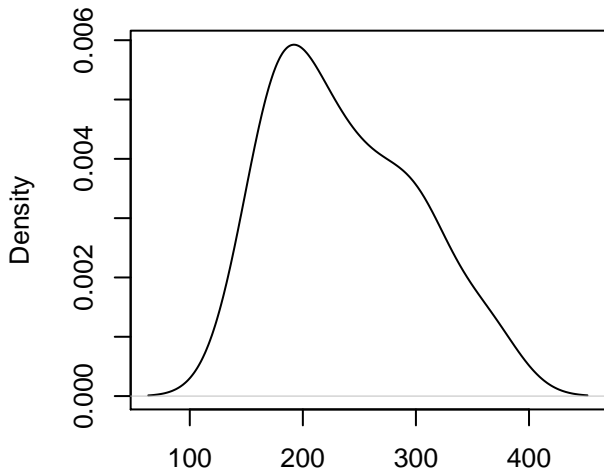
Insert size, N =57  
breakpoint: 18053104 – 18053145 no-0 sf-2

**Bp = 278 line = MAGIC.183 , Chr = 1**



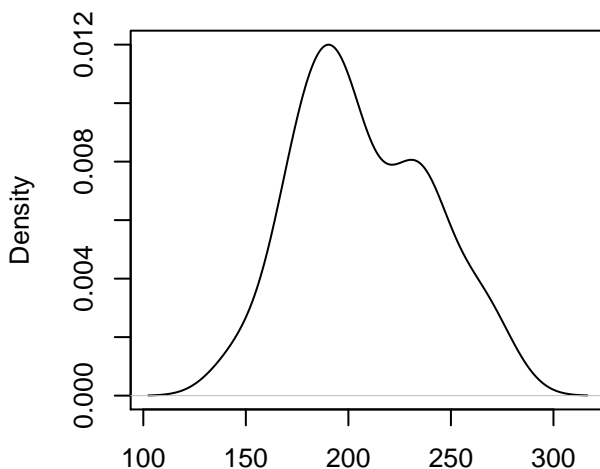
Insert size, N =42  
breakpoint: 18075657 – 18075660 sf-2 rsch-4

**Bp = 279 line = MAGIC.183 , Chr = 1**



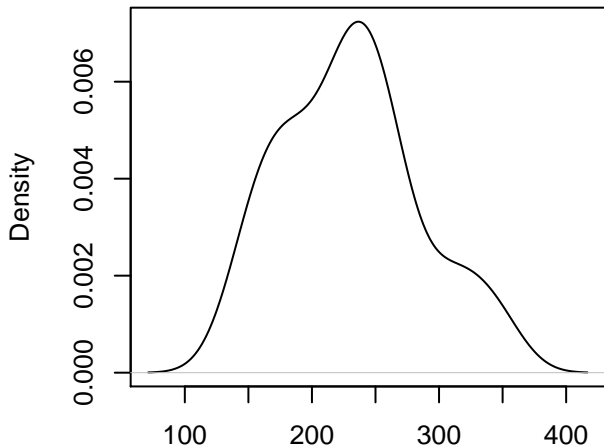
Insert size, N =24  
breakpoint: 18131359 – 18131365 rsch-4 zu-0

**Bp = 280 line = MAGIC.183 , Chr = 1**



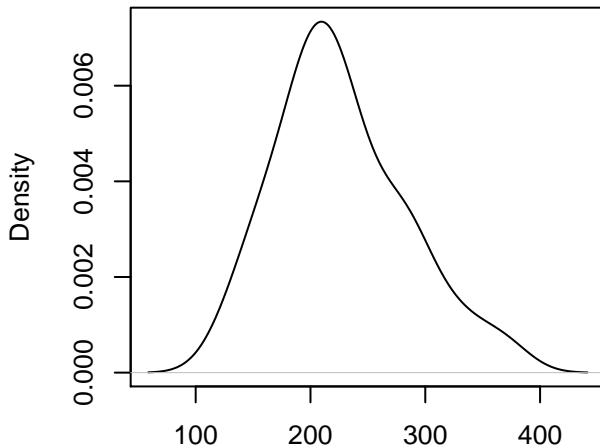
Insert size, N =62  
breakpoint: 18154335 – 18163480 zu-0 rsch-4

**Bp = 281 line = MAGIC.183 , Chr = 1**



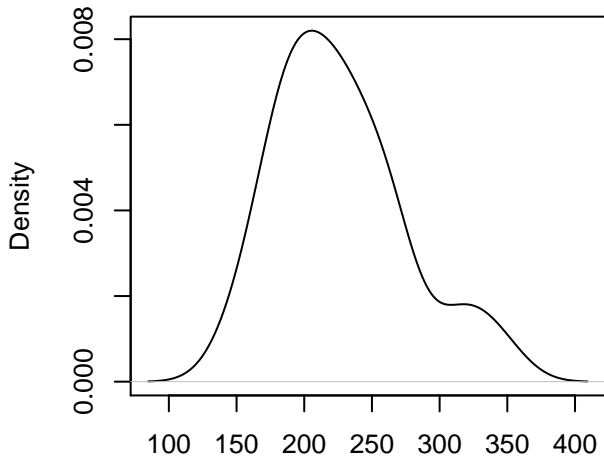
Insert size, N =63  
breakpoint: 18382041 – 18382058 rsch-4 edi-0

**Bp = 282 line = MAGIC.183 , Chr = 1**



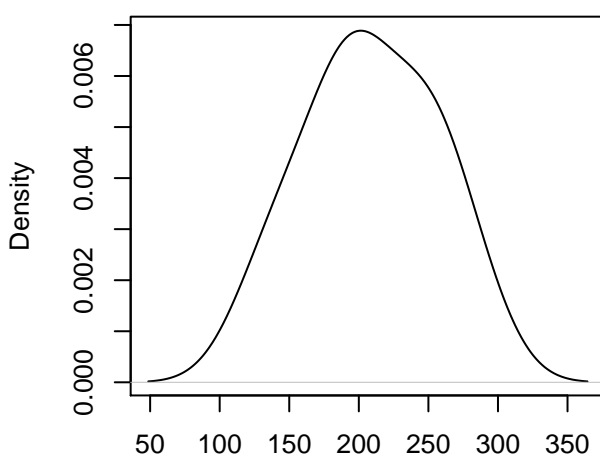
Insert size, N =53  
breakpoint: 18392500 – 18392695 edi-0 kn-0

**Bp = 283 line = MAGIC.183 , Chr = 1**



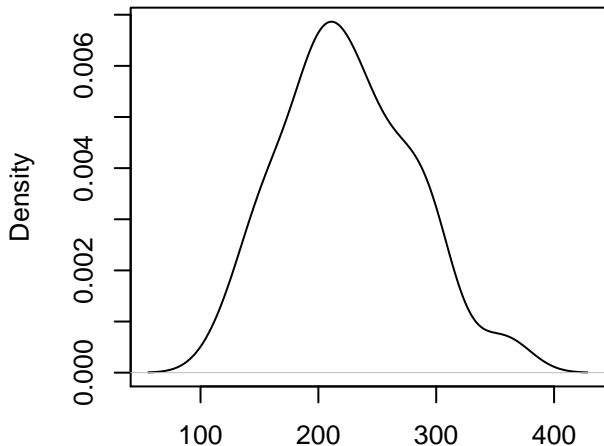
Insert size, N =45  
breakpoint: 18442842 – 18443820 kn-0 ler-0

**Bp = 284 line = MAGIC.183 , Chr = 1**



Insert size, N =10  
breakpoint: 18551939 – 18552028 ler-0 rsch-4

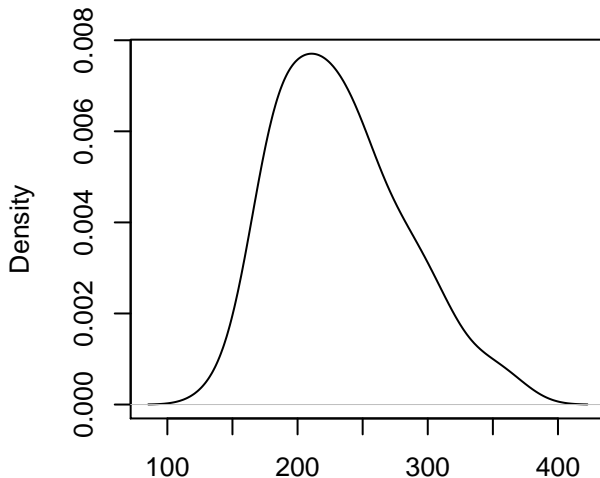
**Bp = 285 line = MAGIC.183 , Chr = 1**



Insert size, N =52

breakpoint: 18757272 – 18757326 rsch-4 po-0

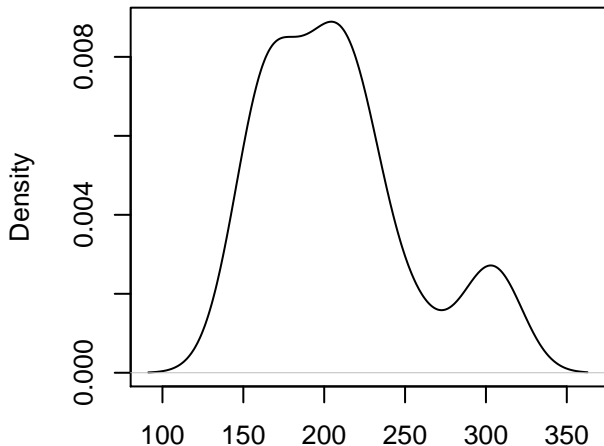
**Bp = 286 line = MAGIC.183 , Chr = 1**



Insert size, N =93

breakpoint: 18863160 – 18863273 po-0 ler-0

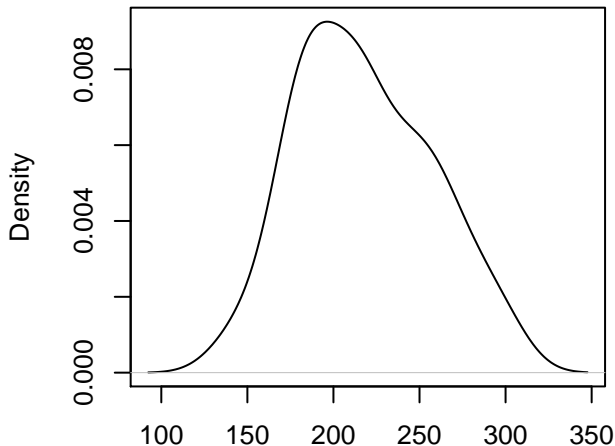
**Bp = 287 line = MAGIC.183 , Chr = 1**



Insert size, N =48

breakpoint: 18873849 – 18873850 ler-0 po-0

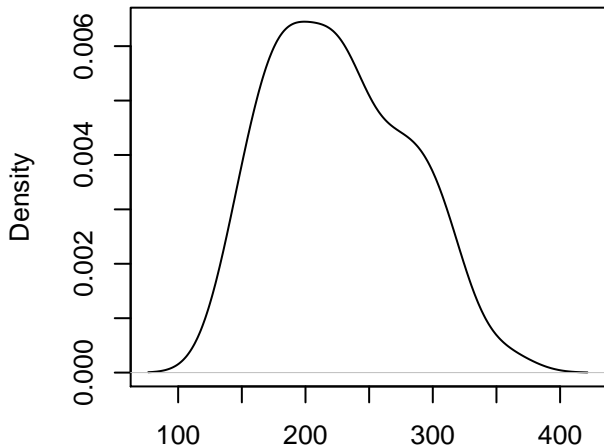
**Bp = 288 line = MAGIC.183 , Chr = 1**



Insert size, N =53

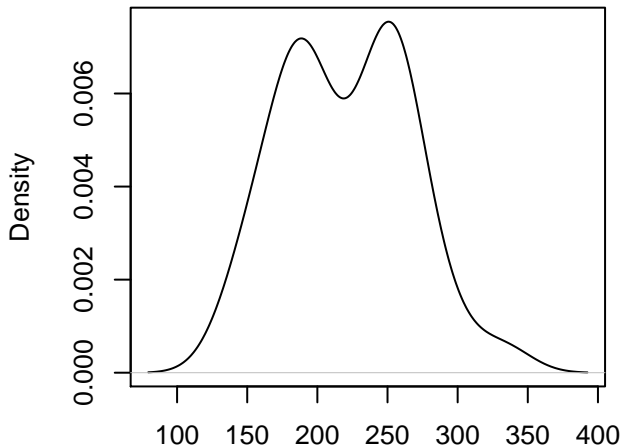
breakpoint: 19004056 – 19004123 po-0 bur-0

**Bp = 289 line = MAGIC.183 , Chr = 1**



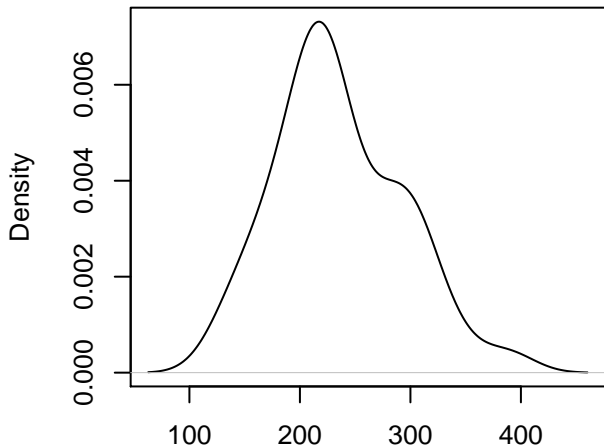
Insert size, N =69  
breakpoint: 19033936 – 19033960 bur-0 wu-0

**Bp = 290 line = MAGIC.183 , Chr = 1**



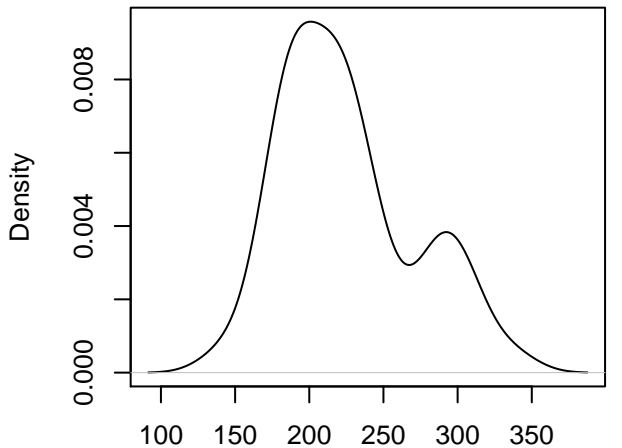
Insert size, N =35  
breakpoint: 19095488 – 19095521 wu-0 edi-0

**Bp = 291 line = MAGIC.183 , Chr = 1**



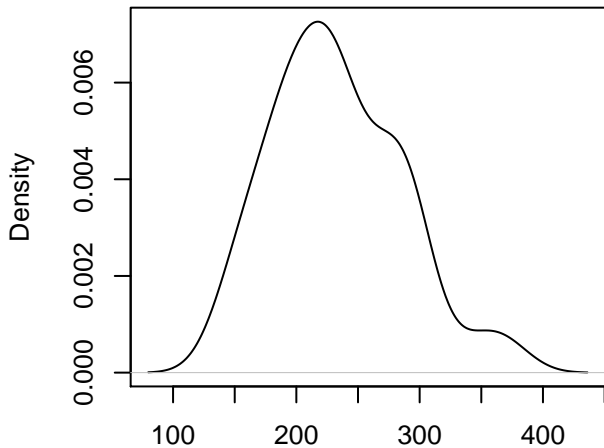
Insert size, N =40  
breakpoint: 19198206 – 19198207 edi-0 hi-0

**Bp = 292 line = MAGIC.183 , Chr = 1**



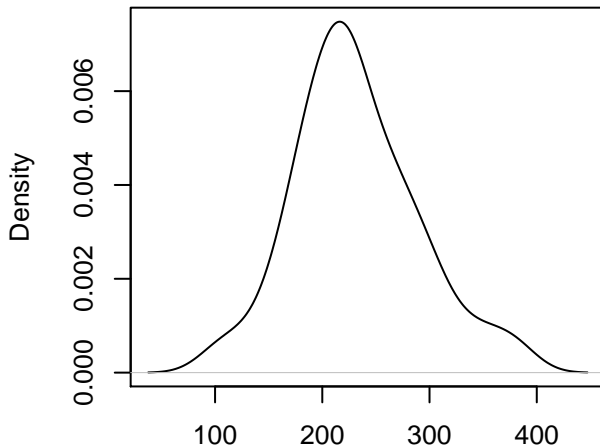
Insert size, N =51  
breakpoint: 19203577 – 19203582 hi-0 wu-0

**Bp = 293 line = MAGIC.183 , Chr = 1**



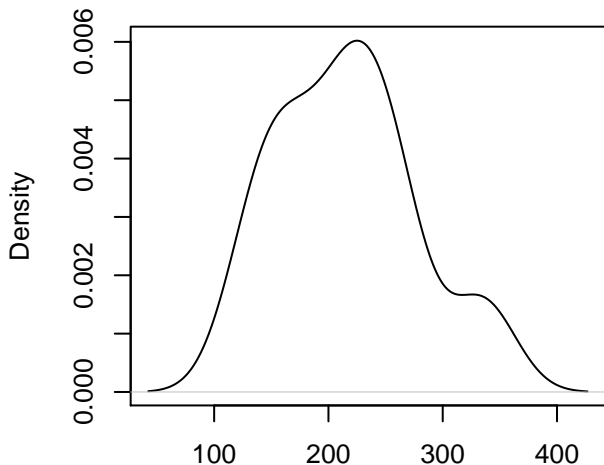
Insert size, N =57  
breakpoint: 19284372 – 19284394 wu-0 zu-0

**Bp = 294 line = MAGIC.183 , Chr = 1**



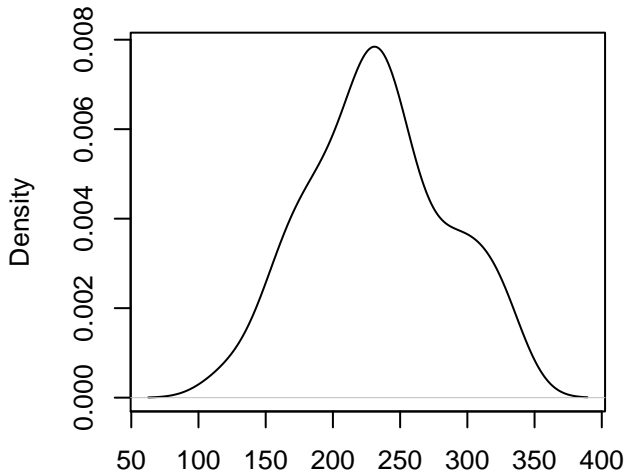
Insert size, N =56  
breakpoint: 19402625 – 19402676 zu-0 hi-0

**Bp = 295 line = MAGIC.183 , Chr = 1**



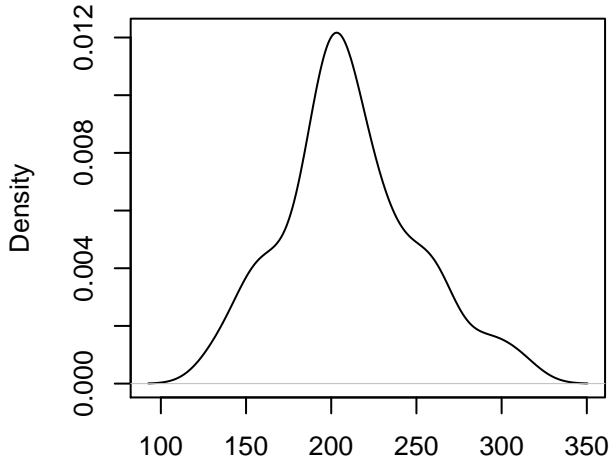
Insert size, N =27  
breakpoint: 19477963 – 19478044 hi-0 col-0

**Bp = 296 line = MAGIC.183 , Chr = 1**



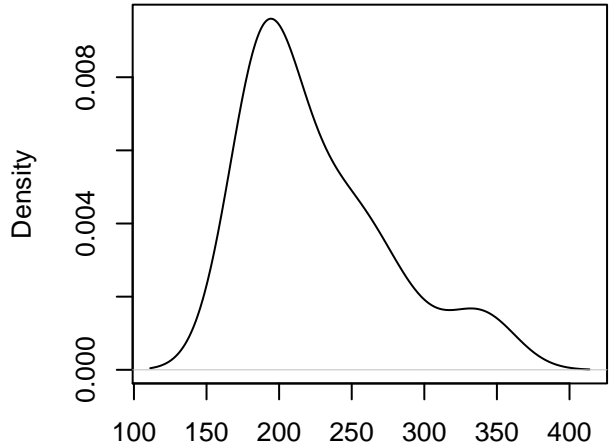
Insert size, N =47  
breakpoint: 19639883 – 19639894 col-0 ct-1

**Bp = 297 line = MAGIC.183 , Chr = 1**



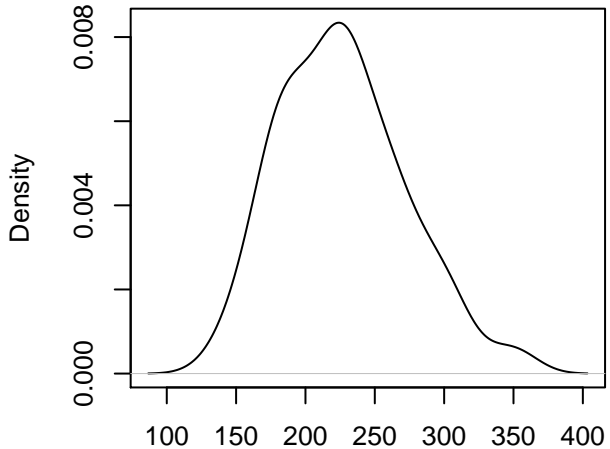
Insert size, N =62  
breakpoint: 19657765 – 19657768 ct-1 oy-0

**Bp = 298 line = MAGIC.183 , Chr = 1**



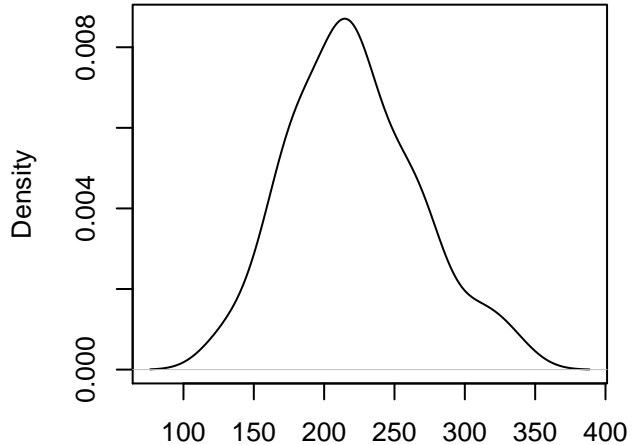
Insert size, N =22  
breakpoint: 19769846 – 19769891 oy-0 wu-0

**Bp = 299 line = MAGIC.183 , Chr = 1**



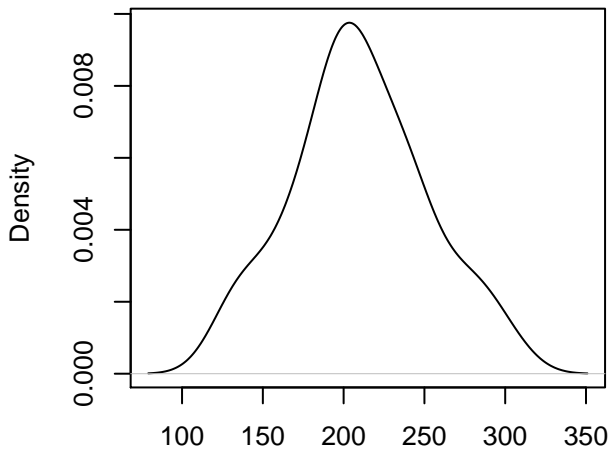
Insert size, N =78  
breakpoint: 19785934 – 19785995 wu-0 zu-0

**Bp = 300 line = MAGIC.183 , Chr = 1**



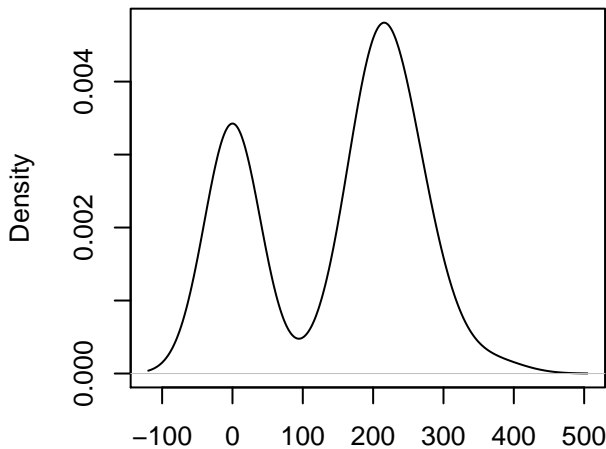
Insert size, N =64  
breakpoint: 19851598 – 19851619 zu-0 oy-0

**Bp = 301 line = MAGIC.183 , Chr = 1**



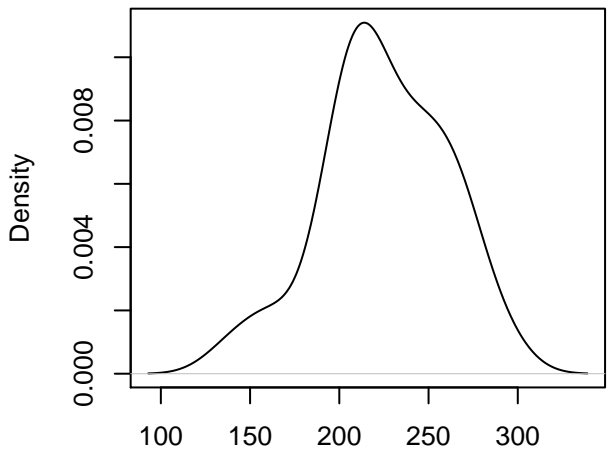
Insert size, N =37  
breakpoint: 19894045 – 19894073 oy-0 ct-1

**Bp = 302 line = MAGIC.183 , Chr = 1**



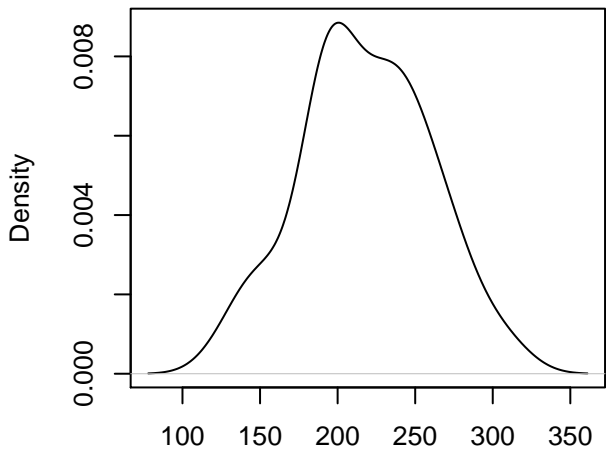
Insert size, N =105  
breakpoint: 19901086 – 19901096 ct-1 hi-0

**Bp = 303 line = MAGIC.183 , Chr = 1**



Insert size, N =33  
breakpoint: 19935691 – 19935752 hi-0 tsu-0

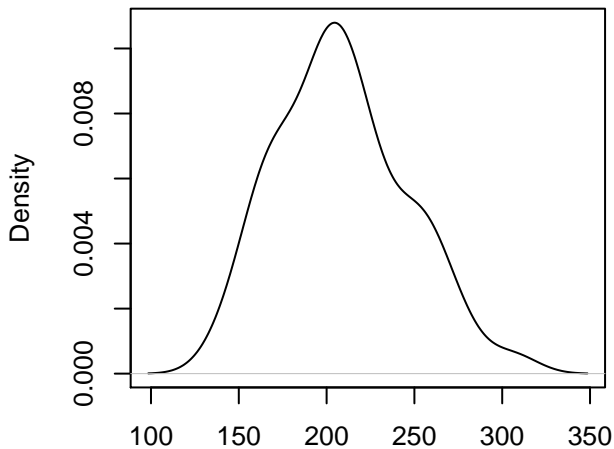
**Bp = 304 line = MAGIC.183 , Chr = 1**



Insert size, N =33  
breakpoint: 20522894 – 20523110 tsu-0 edi-0

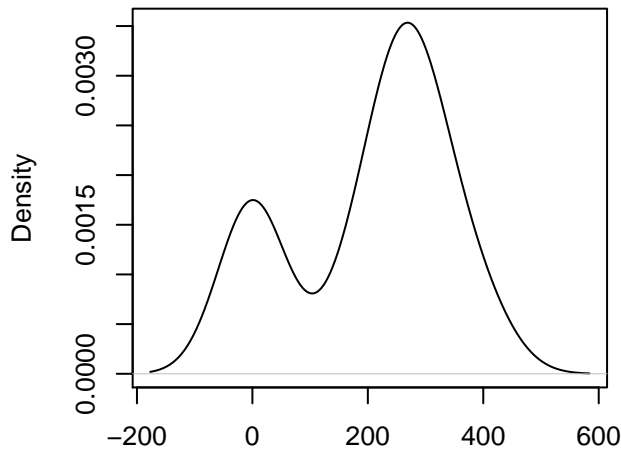


**Bp = 305 line = MAGIC.183 , Chr = 1**



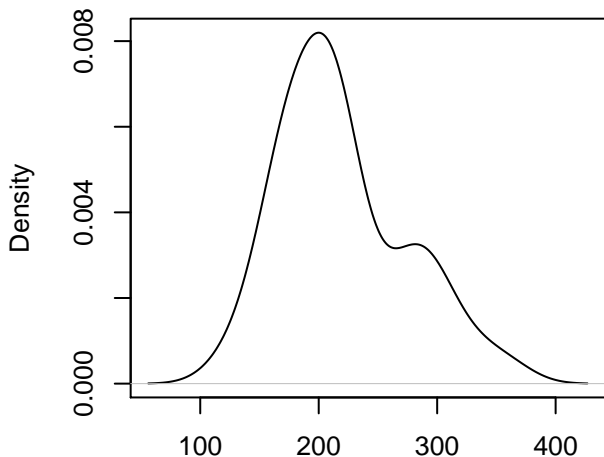
Insert size, N =49  
breakpoint: 20711123 – 20711124 edi-0 bur-0

**Bp = 306 line = MAGIC.183 , Chr = 1**



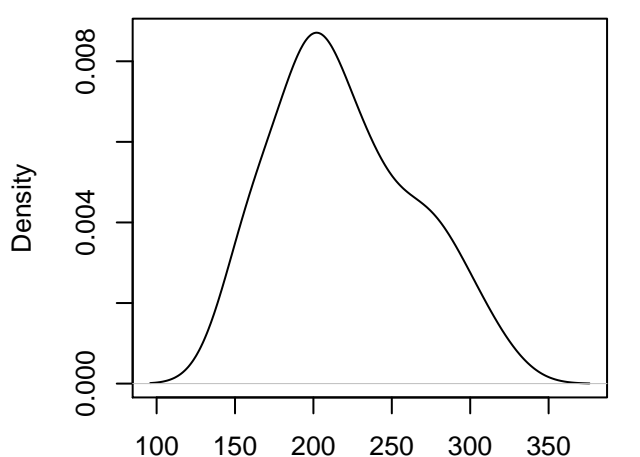
Insert size, N =35  
breakpoint: 20819276 – 20819444 bur-0 ct-1

**Bp = 307 line = MAGIC.183 , Chr = 1**



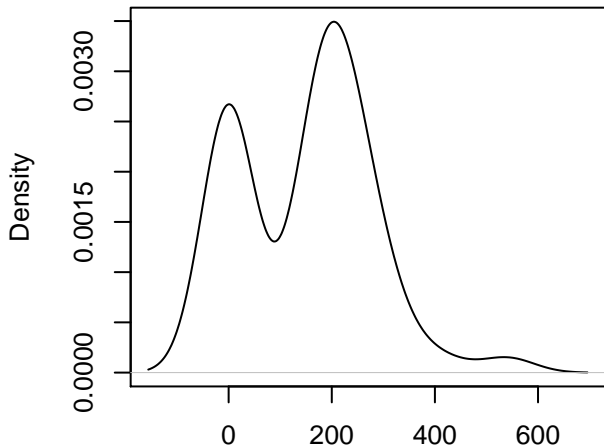
Insert size, N =43  
breakpoint: 21015058 – 21015233 ct-1 hi-0

**Bp = 308 line = MAGIC.183 , Chr = 1**



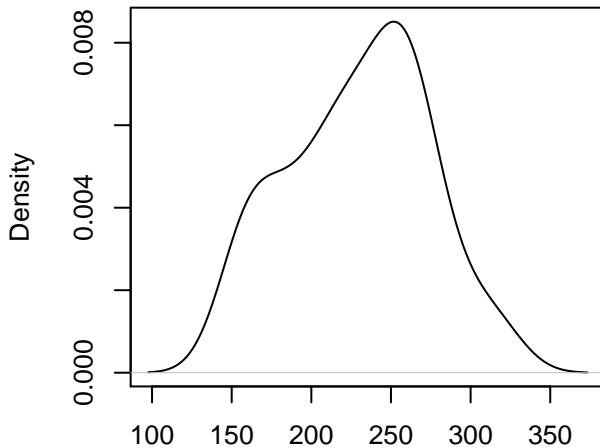
Insert size, N =59  
breakpoint: 21050068 – 21050077 hi-0 bur-0

**Bp = 309 line = MAGIC.183 , Chr = 1**



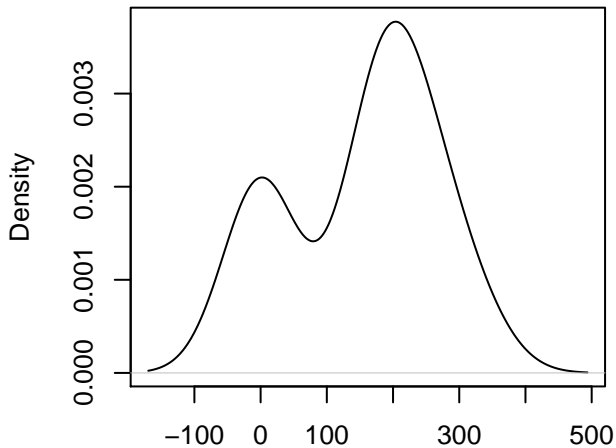
Insert size, N =52  
breakpoint: 21115782 – 21115792 bur-0 edi-0

**Bp = 310 line = MAGIC.183 , Chr = 1**



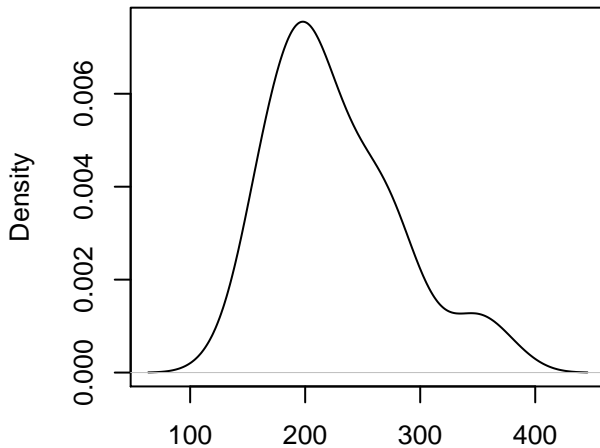
Insert size, N =60  
breakpoint: 21147974 – 21148076 edi-0 zu-0

**Bp = 311 line = MAGIC.183 , Chr = 1**



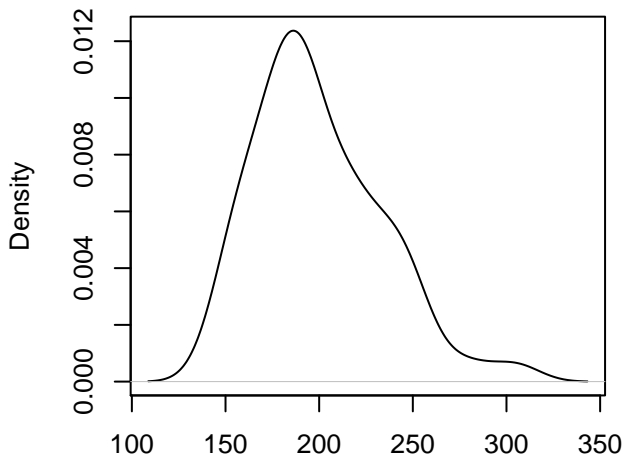
Insert size, N =17  
breakpoint: 21463886 – 21463899 zu-0 sf-2

**Bp = 312 line = MAGIC.183 , Chr = 1**



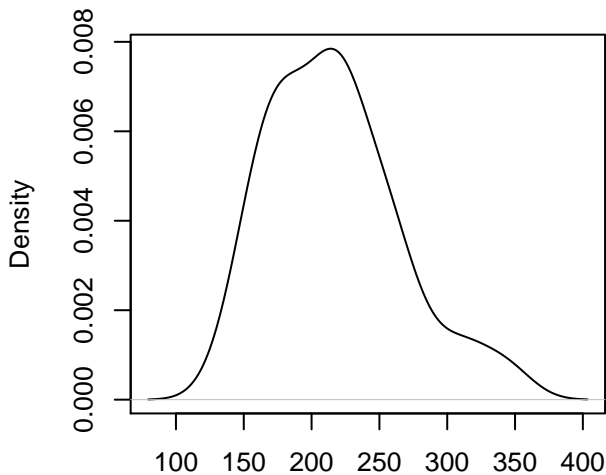
Insert size, N =62  
breakpoint: 21475949 – 21475995 sf-2 rsch-4

**Bp = 313 line = MAGIC.183 , Chr = 1**



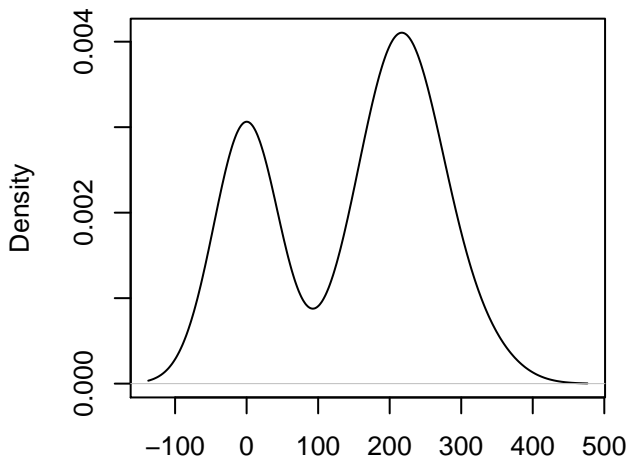
Insert size, N =53  
breakpoint: 21581503 – 21581507 rsch-4 wil-2

**Bp = 314 line = MAGIC.183 , Chr = 1**



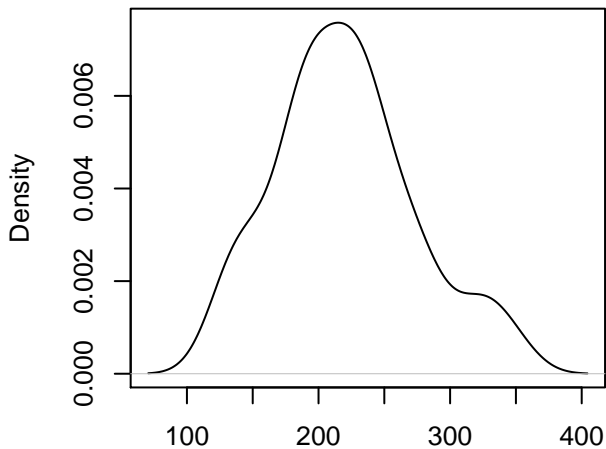
Insert size, N =60  
breakpoint: 21621867 – 21621868 wil-2 ws-0

**Bp = 315 line = MAGIC.183 , Chr = 1**



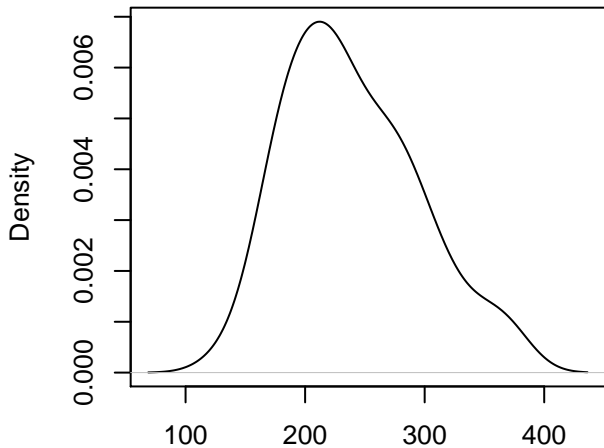
Insert size, N =54  
breakpoint: 21660688 – 21660690 ws-0 edi-0

**Bp = 316 line = MAGIC.183 , Chr = 1**



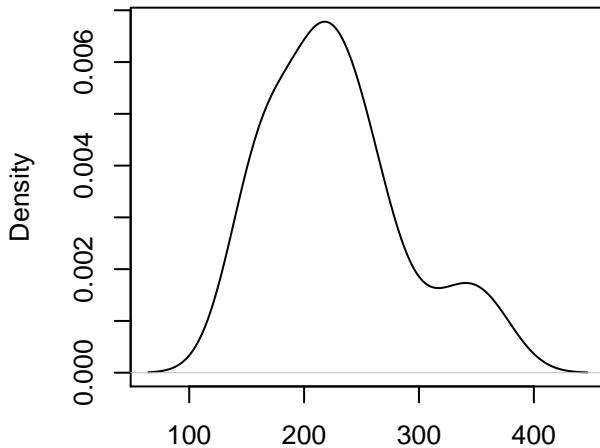
Insert size, N =35  
breakpoint: 21677550 – 21677552 edi-0 ws-0

**Bp = 317 line = MAGIC.183 , Chr = 1**



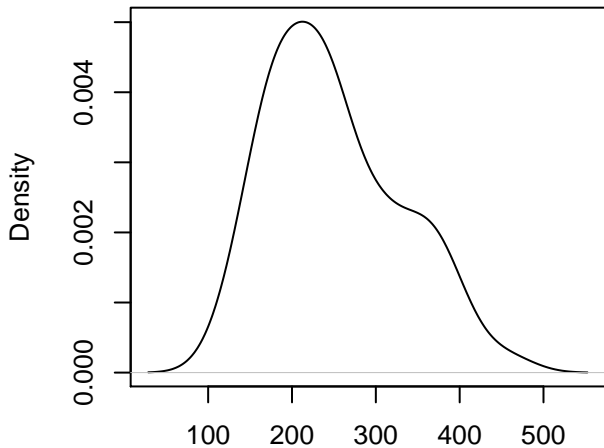
Insert size, N =58  
breakpoint: 21690136 – 21690141 ws-0 oy-0

**Bp = 318 line = MAGIC.183 , Chr = 1**



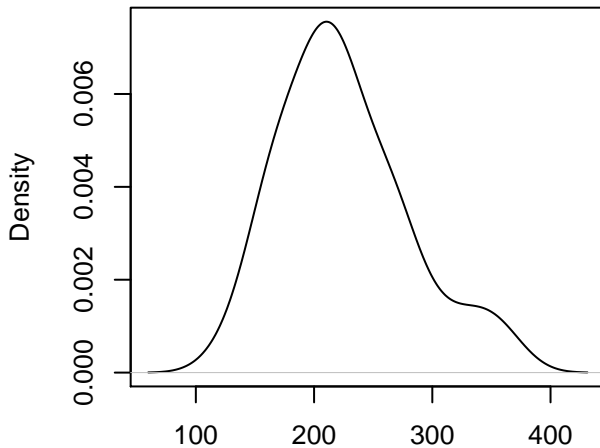
Insert size, N =41  
breakpoint: 21722771 – 21722788 oy-0 col-0

**Bp = 319 line = MAGIC.183 , Chr = 1**



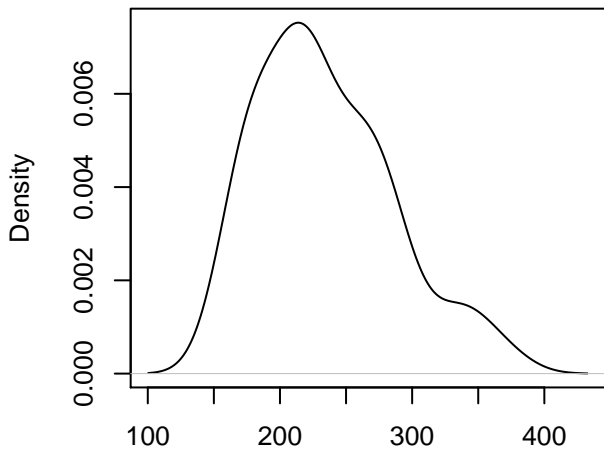
Insert size, N =61  
breakpoint: 21849862 – 21849868 col-0 kn-0

**Bp = 320 line = MAGIC.183 , Chr = 1**



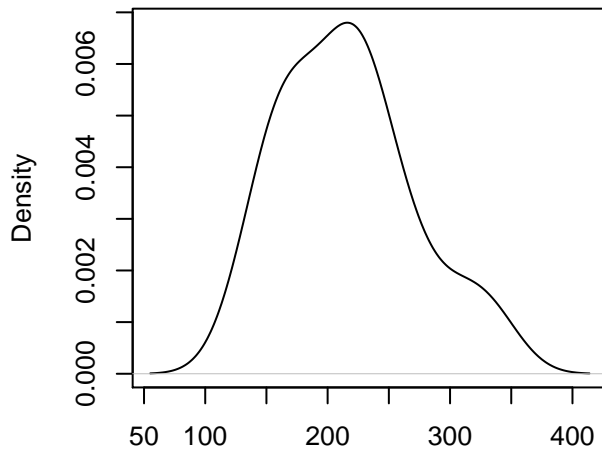
Insert size, N =68  
breakpoint: 21860840 – 21860868 kn-0 po-0

**Bp = 321 line = MAGIC.183 , Chr = 1**



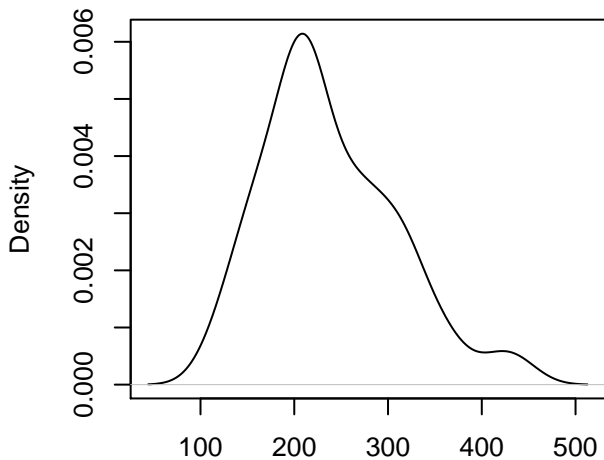
Insert size, N =56  
breakpoint: 21920871 – 21920872 po-0 wu-0

**Bp = 322 line = MAGIC.183 , Chr = 1**



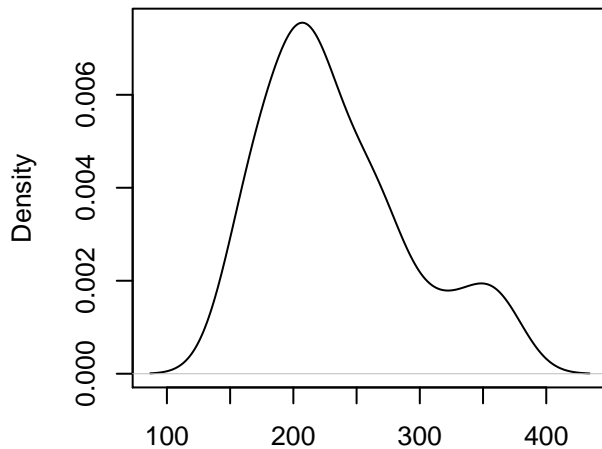
Insert size, N =34  
breakpoint: 21972745 – 21972750 wu-0 ws-0

**Bp = 323 line = MAGIC.183 , Chr = 1**



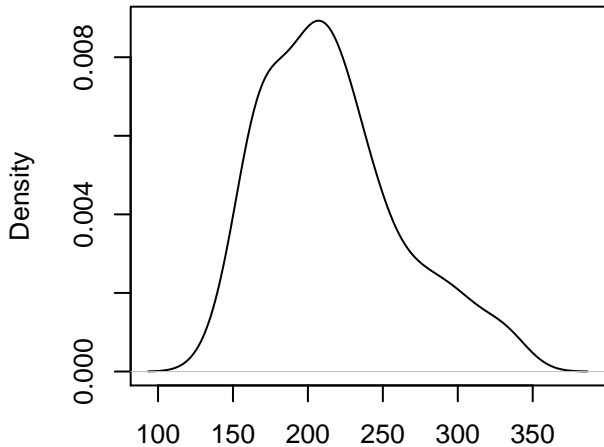
Insert size, N =52  
breakpoint: 21977861 – 21977871 ws-0 oy-0

**Bp = 324 line = MAGIC.183 , Chr = 1**



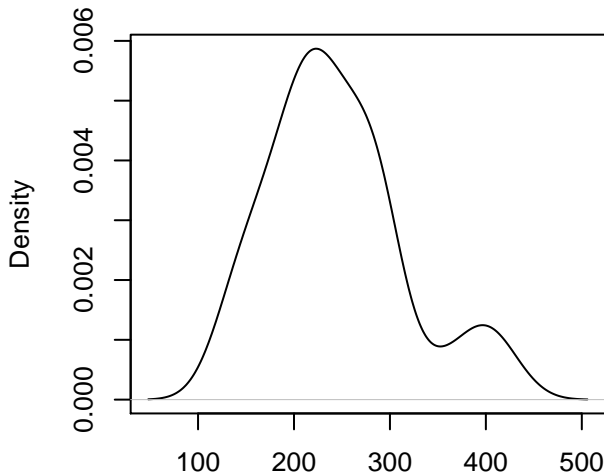
Insert size, N =46  
breakpoint: 21988524 – 21988770 oy-0 edi-0

**Bp = 325 line = MAGIC.183 , Chr = 1**



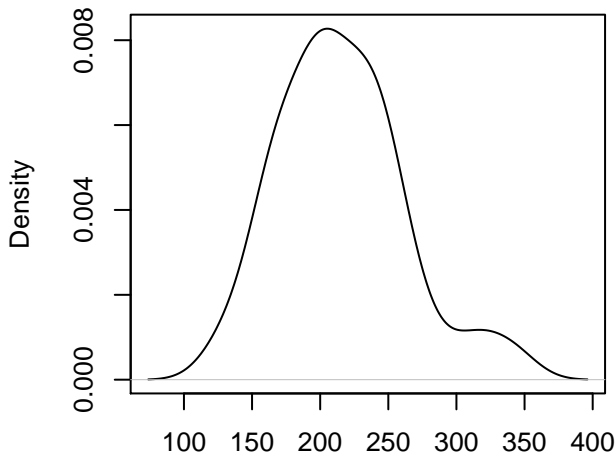
Insert size, N =189  
breakpoint: 21994552 – 21994553 edi-0 sf-2

**Bp = 326 line = MAGIC.183 , Chr = 1**



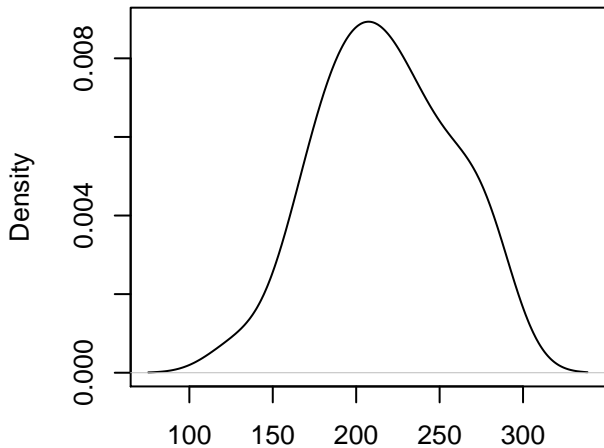
Insert size, N =61  
breakpoint: 22033167 – 22033194 sf-2 kn-0

**Bp = 327 line = MAGIC.183 , Chr = 1**



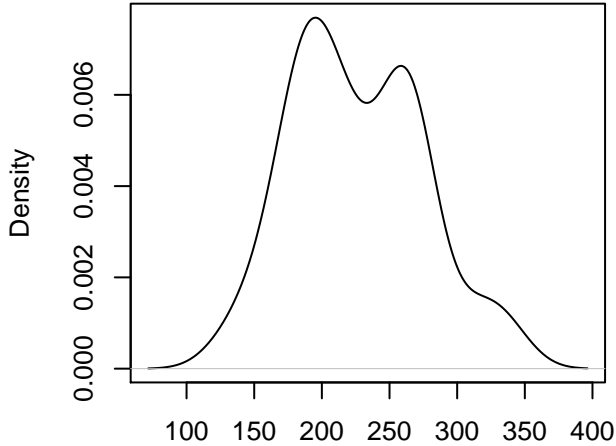
Insert size, N =42  
breakpoint: 22086042 – 22086055 kn-0 sf-2

**Bp = 328 line = MAGIC.183 , Chr = 1**



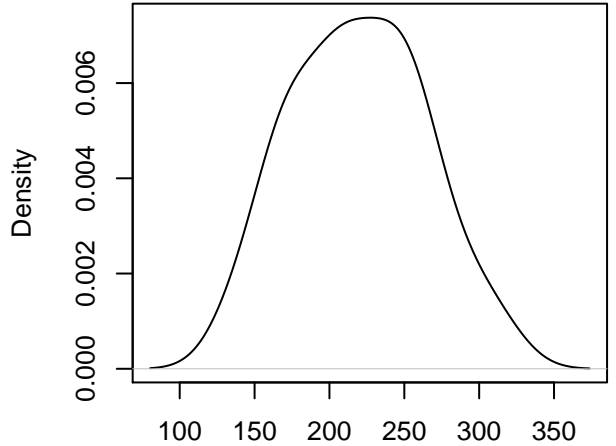
Insert size, N =33  
breakpoint: 22090079 – 22090105 sf-2 edi-0

**Bp = 329 line = MAGIC.183 , Chr = 1**



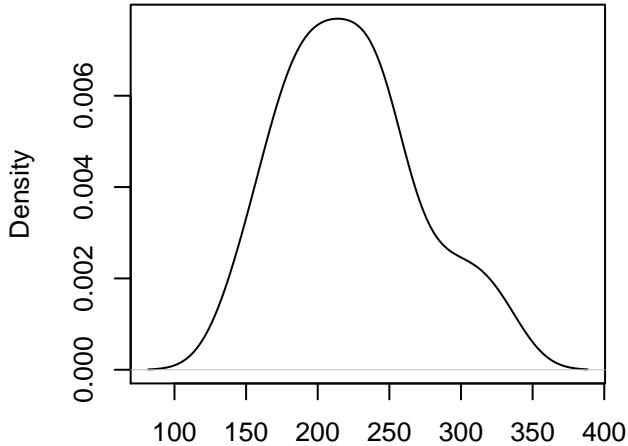
Insert size, N =51  
breakpoint: 22118546 – 22118594 edi-0 sf-2

**Bp = 330 line = MAGIC.183 , Chr = 1**



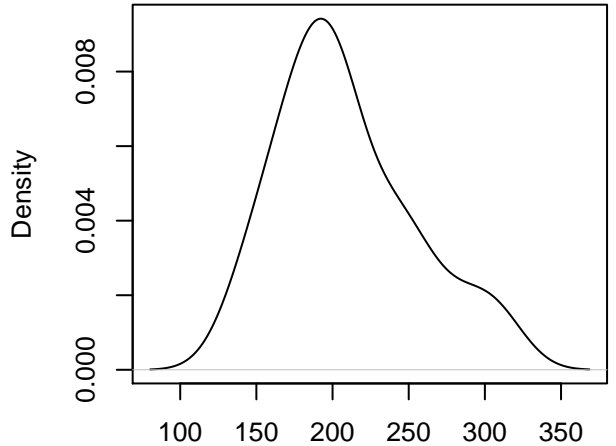
Insert size, N =33  
breakpoint: 22134124 – 22134233 sf-2 wil-2

**Bp = 331 line = MAGIC.183 , Chr = 1**



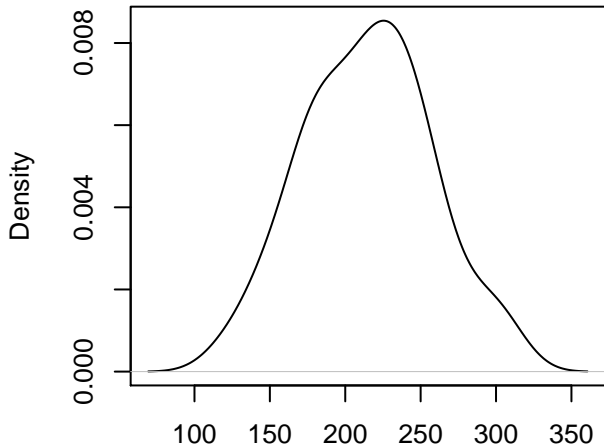
Insert size, N =47  
breakpoint: 22153281 – 22153282 wil-2 ws-0

**Bp = 332 line = MAGIC.183 , Chr = 1**



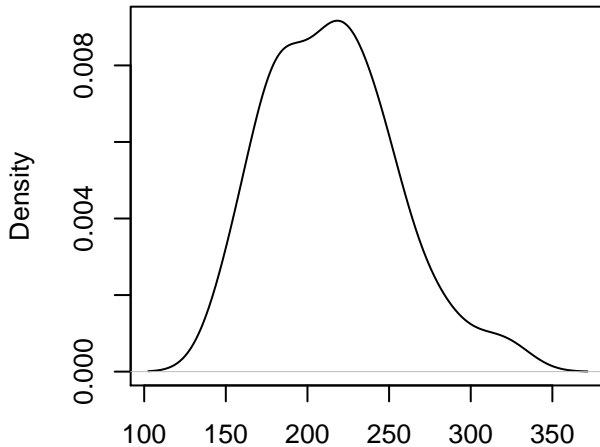
Insert size, N =45  
breakpoint: 22240725 – 22240796 ws-0 can-0

**Bp = 333 line = MAGIC.183 , Chr = 1**



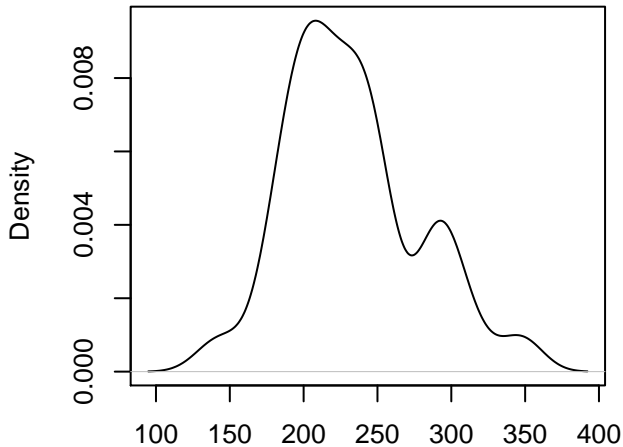
Insert size, N =67  
breakpoint: 22264968 – 22265048 can-0 wil-2

**Bp = 334 line = MAGIC.183 , Chr = 1**



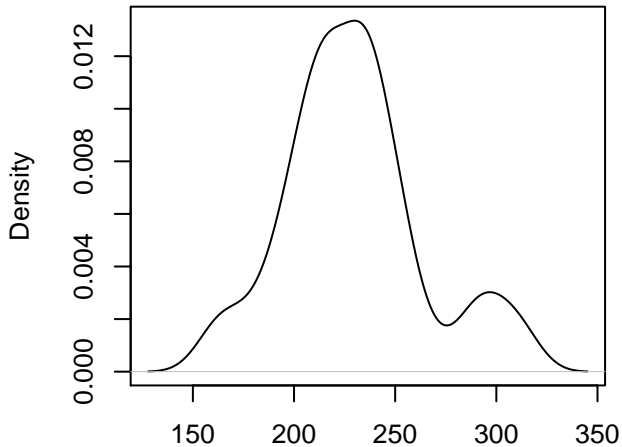
Insert size, N =63  
breakpoint: 22267144 – 22267151 wil-2 oy-0

**Bp = 335 line = MAGIC.183 , Chr = 1**



Insert size, N =59  
breakpoint: 22284580 – 22284618 oy-0 col-0

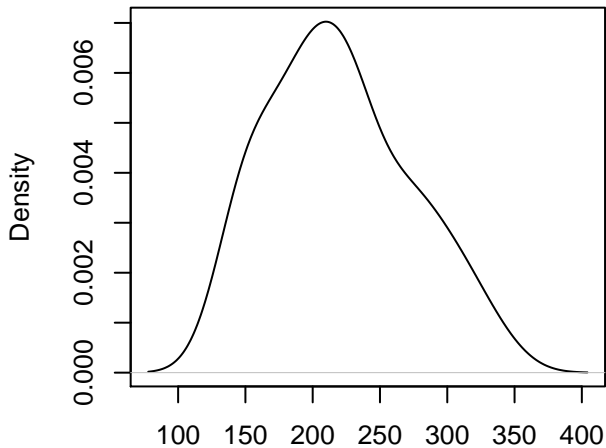
**Bp = 336 line = MAGIC.183 , Chr = 1**



Insert size, N =53  
breakpoint: 22292310 – 22301249 col-0 can-0

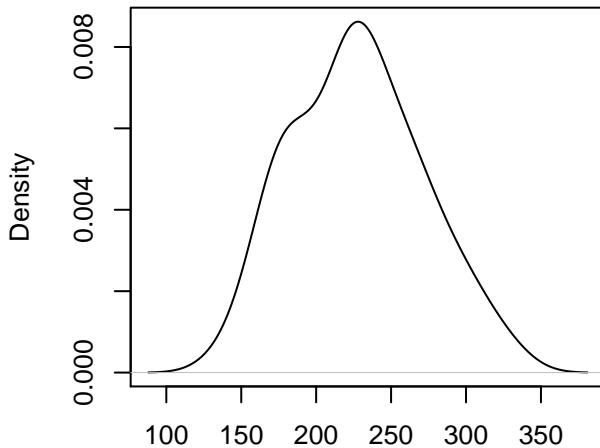


**Bp = 337 line = MAGIC.183 , Chr = 1**



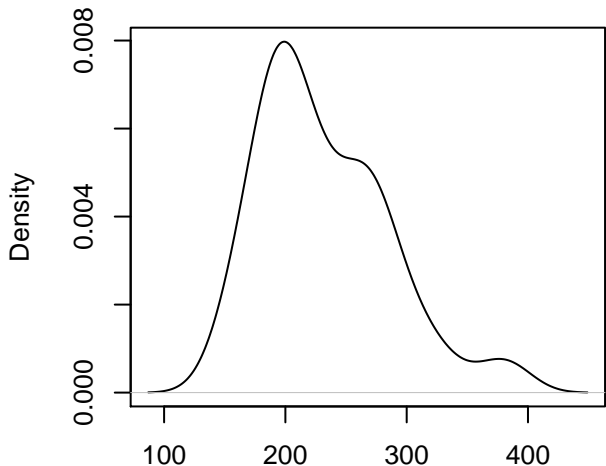
Insert size, N =52  
breakpoint: 22331536 – 22331652 can-0 po-0

**Bp = 338 line = MAGIC.183 , Chr = 1**



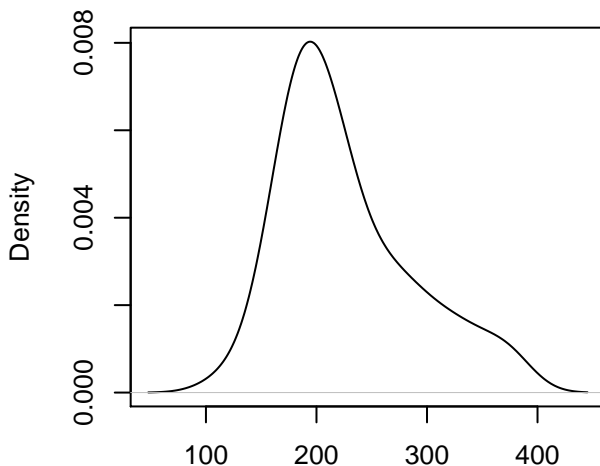
Insert size, N =70  
breakpoint: 22352297 – 22352301 po-0 wil-2

**Bp = 339 line = MAGIC.183 , Chr = 1**



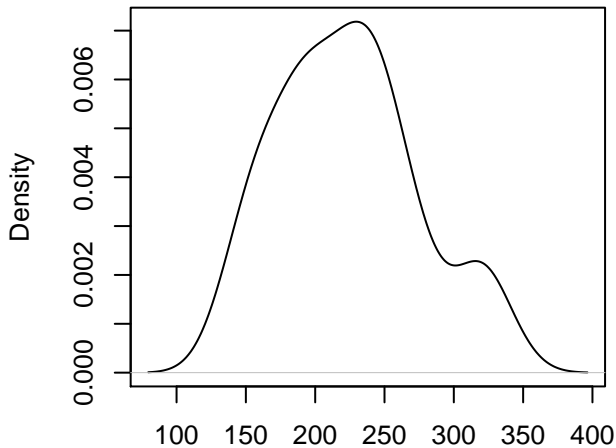
Insert size, N =75  
breakpoint: 22359980 – 22359999 wil-2 po-0

**Bp = 340 line = MAGIC.183 , Chr = 1**



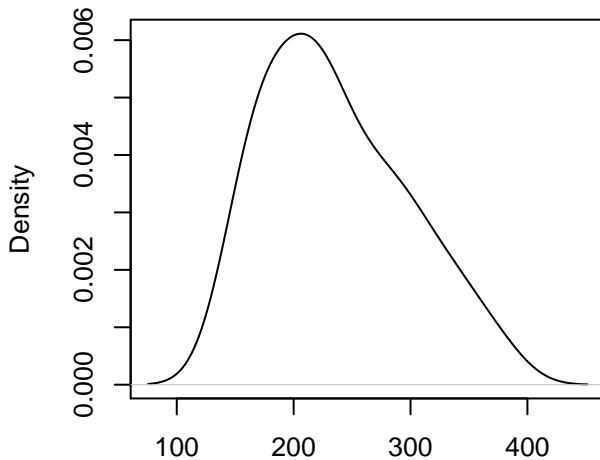
Insert size, N =58  
breakpoint: 22388210 – 22388270 po-0 hi-0

**Bp = 341 line = MAGIC.183 , Chr = 1**



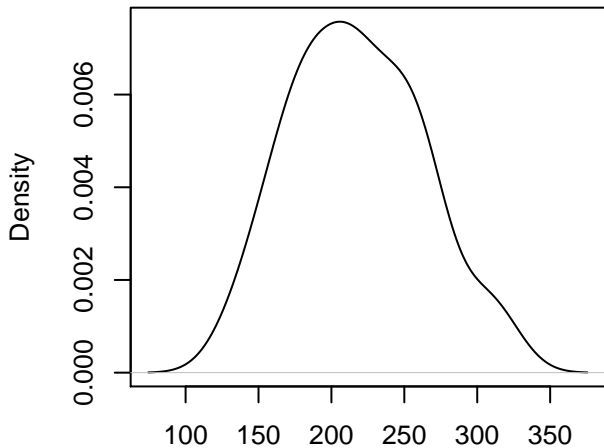
Insert size, N =56  
breakpoint: 22406478 – 22406628 hi-0 oy-0

**Bp = 342 line = MAGIC.183 , Chr = 1**



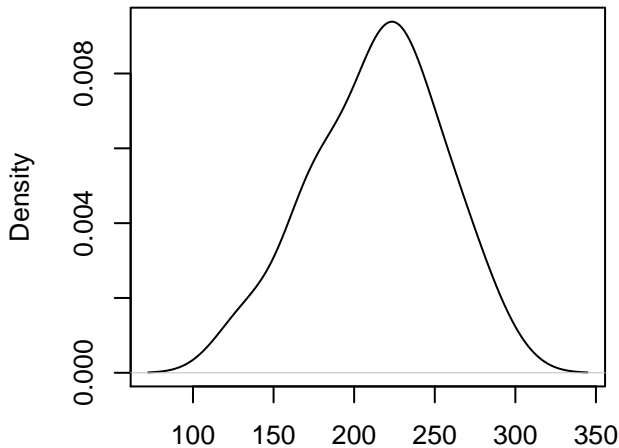
Insert size, N =57  
breakpoint: 22487674 – 22487675 oy-0 rsch-4

**Bp = 343 line = MAGIC.183 , Chr = 1**



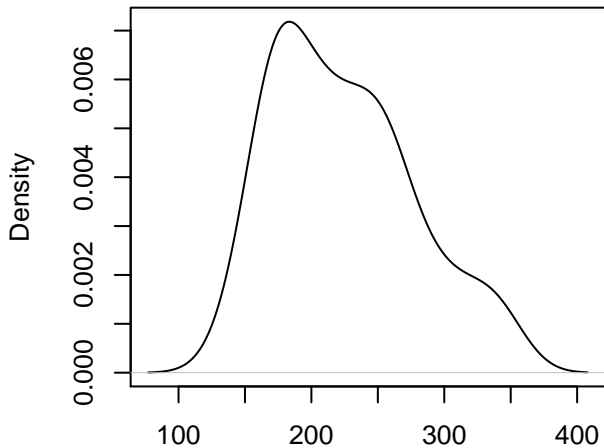
Insert size, N =57  
breakpoint: 22493467 – 22493468 rsch-4 can-0

**Bp = 344 line = MAGIC.183 , Chr = 1**



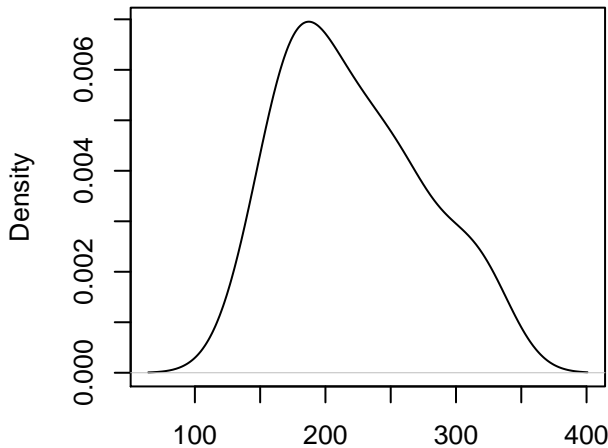
Insert size, N =27  
breakpoint: 22498050 – 22498098 can-0 oy-0

**Bp = 345 line = MAGIC.183 , Chr = 1**



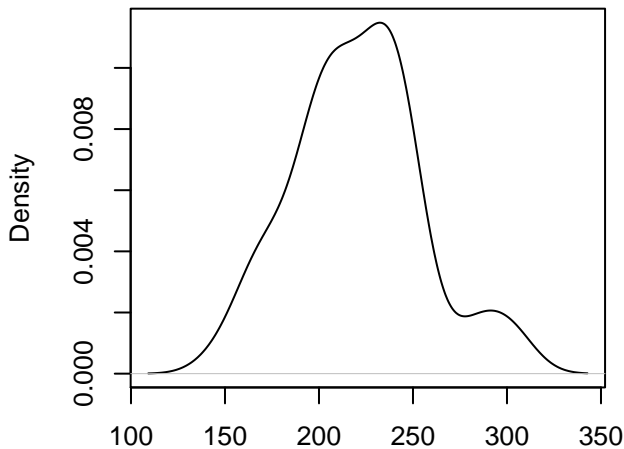
Insert size, N =56  
breakpoint: 22518910 – 22518947 oy-0 col-0

**Bp = 346 line = MAGIC.183 , Chr = 1**



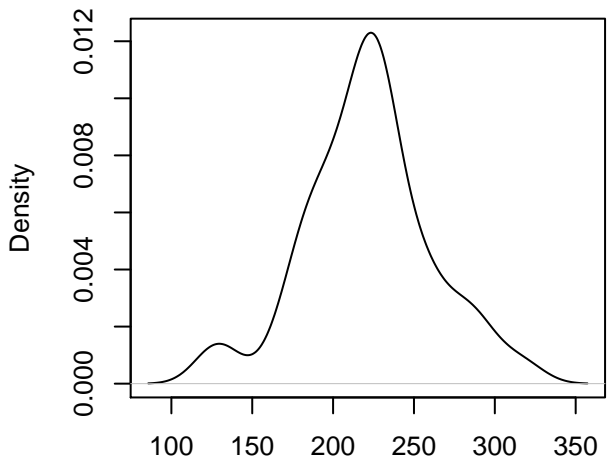
Insert size, N =36  
breakpoint: 22524952 – 22524966 col-0 no-0

**Bp = 347 line = MAGIC.183 , Chr = 1**



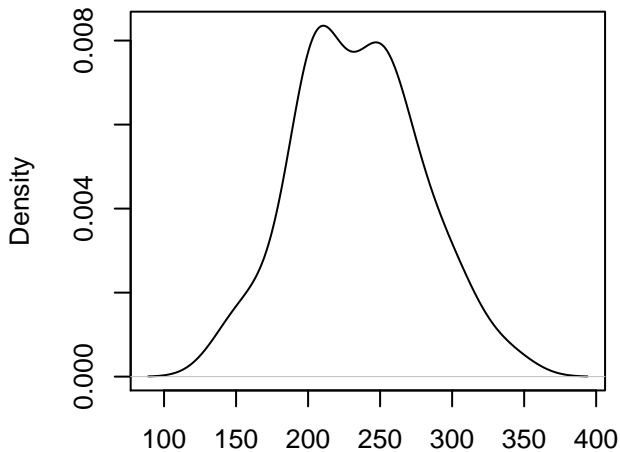
Insert size, N =46  
breakpoint: 22549144 – 22549148 no-0 ct-1

**Bp = 348 line = MAGIC.183 , Chr = 1**



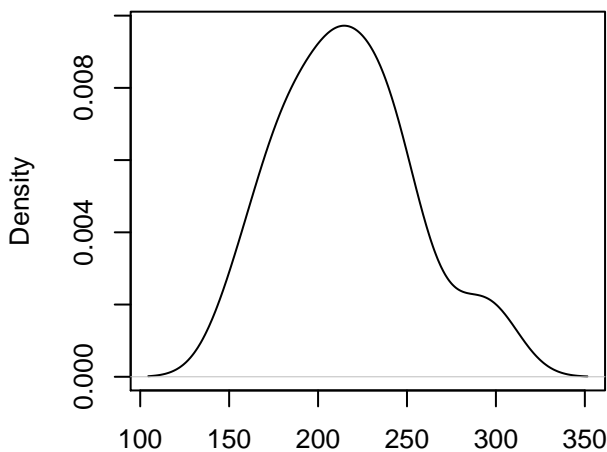
Insert size, N =42  
breakpoint: 22573521 – 22573569 ct-1 ws-0

**Bp = 349 line = MAGIC.183 , Chr = 1**



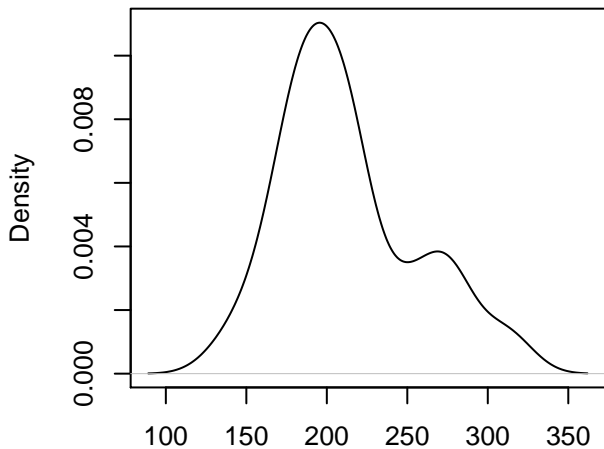
Insert size, N =55  
breakpoint: 22588484 – 22588504 ws-0 zu-0

**Bp = 350 line = MAGIC.183 , Chr = 1**



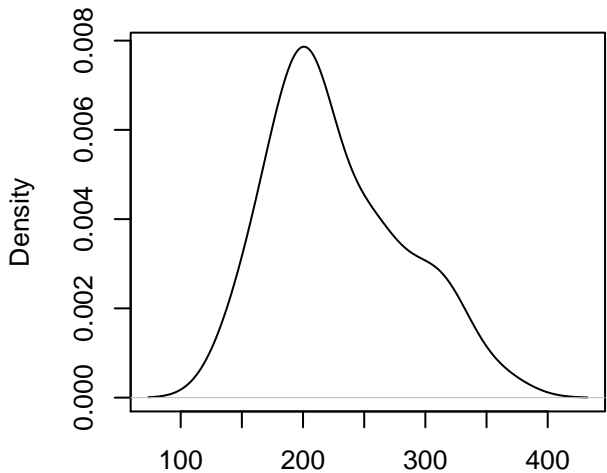
Insert size, N =35  
breakpoint: 22597509 – 22597532 zu-0 hi-0

**Bp = 351 line = MAGIC.183 , Chr = 1**



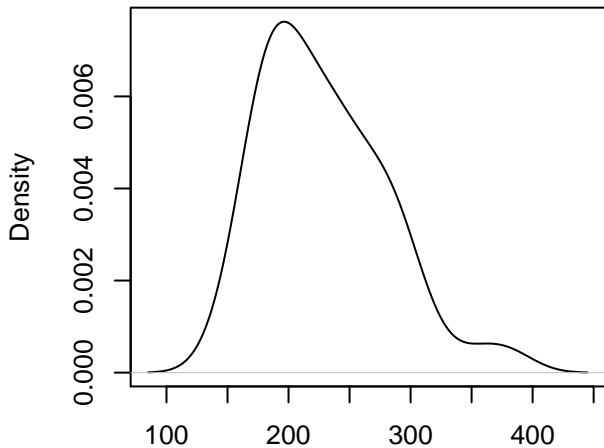
Insert size, N =39  
breakpoint: 22637521 – 22637966 hi-0 ler-0

**Bp = 352 line = MAGIC.183 , Chr = 1**



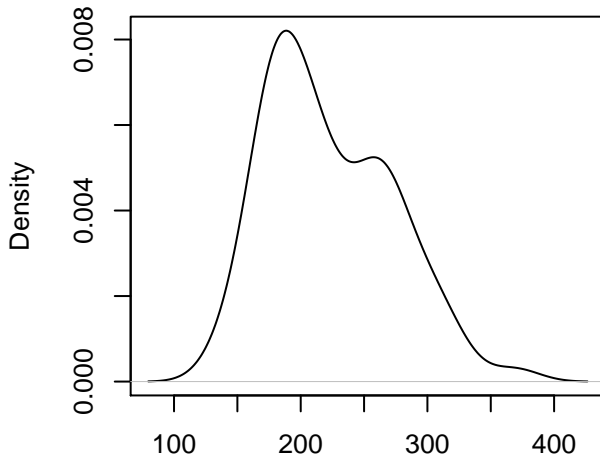
Insert size, N =45  
breakpoint: 22711833 – 22711867 ler-0 mt-0

**Bp = 353 line = MAGIC.183 , Chr = 1**



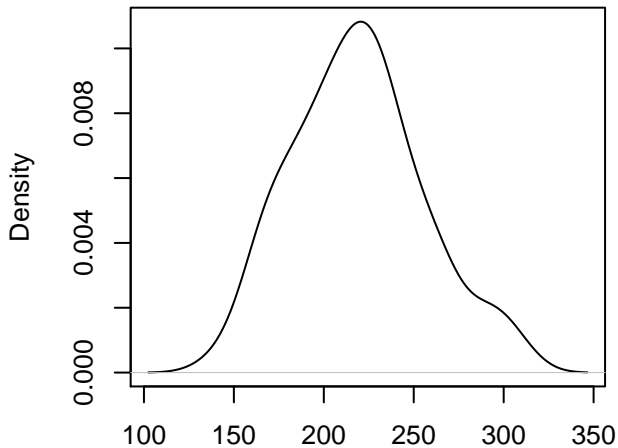
Insert size, N =51  
breakpoint: 22717195 – 22717321 mt-0 ws-0

**Bp = 354 line = MAGIC.183 , Chr = 1**



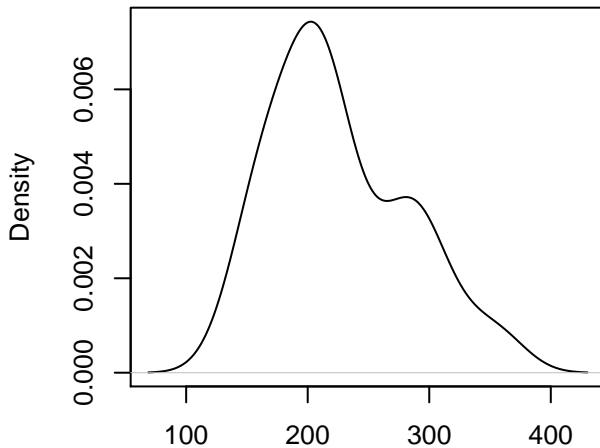
Insert size, N =70  
breakpoint: 22752655 – 22752668 ws-0 col-0

**Bp = 355 line = MAGIC.183 , Chr = 1**



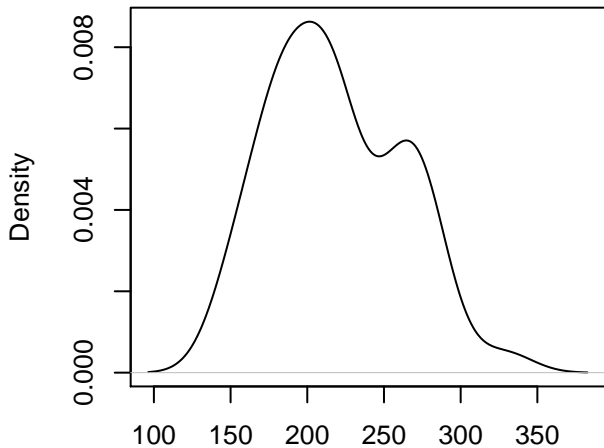
Insert size, N =69  
breakpoint: 22789584 – 22789591 col-0 kn-0

**Bp = 356 line = MAGIC.183 , Chr = 1**



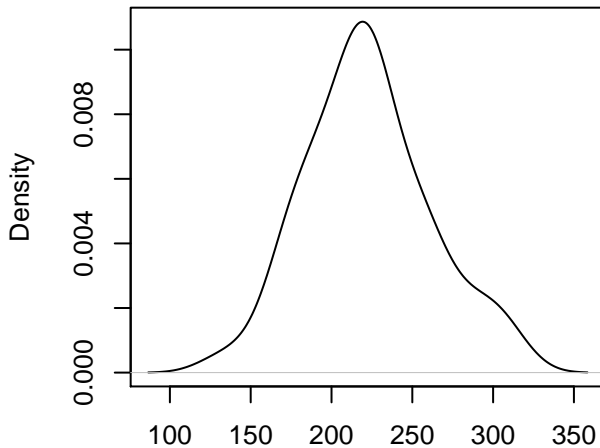
Insert size, N =47  
breakpoint: 22793724 – 22793738 kn-0 wil-2

**Bp = 357 line = MAGIC.183 , Chr = 1**



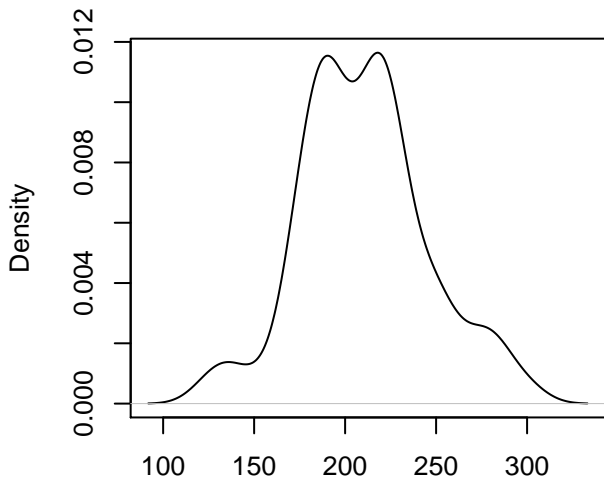
Insert size, N =46  
breakpoint: 22799469 – 22799474 wil-2 oy-0

**Bp = 358 line = MAGIC.183 , Chr = 1**



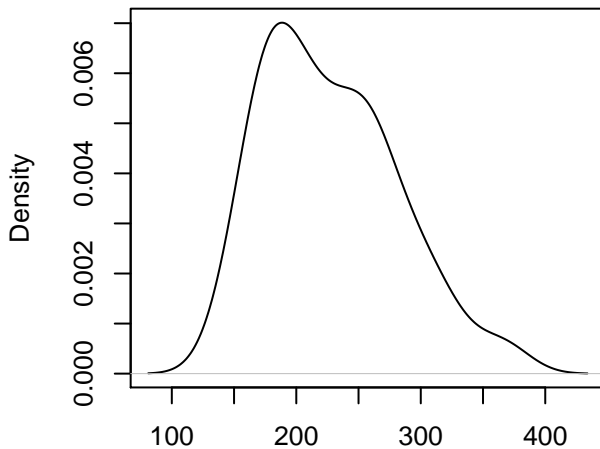
Insert size, N =49  
breakpoint: 22820573 – 22820584 oy-0 wil-2

**Bp = 359 line = MAGIC.183 , Chr = 1**



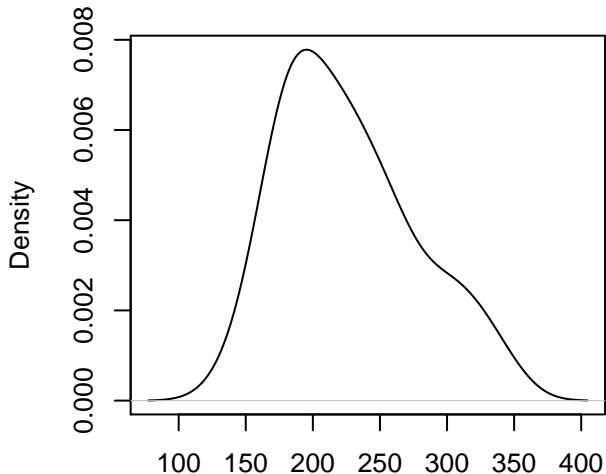
Insert size, N =72  
breakpoint: 22825857 – 22825870 wil-2 zu-0

**Bp = 360 line = MAGIC.183 , Chr = 1**

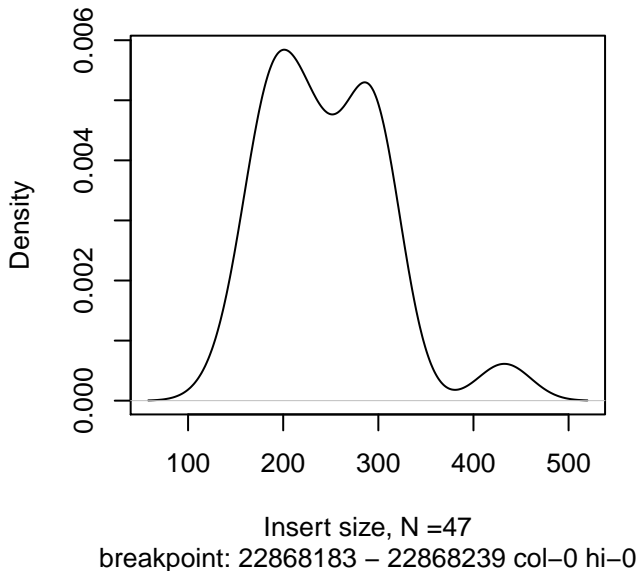


Insert size, N =59  
breakpoint: 22862204 – 22862236 zu-0 rsch-4

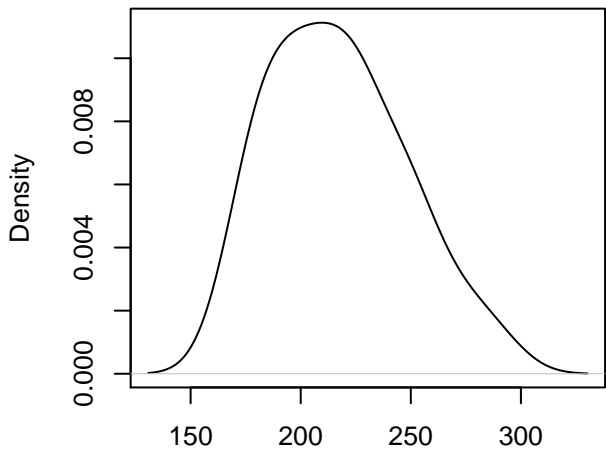
**Bp = 361 line = MAGIC.183 , Chr = 1**



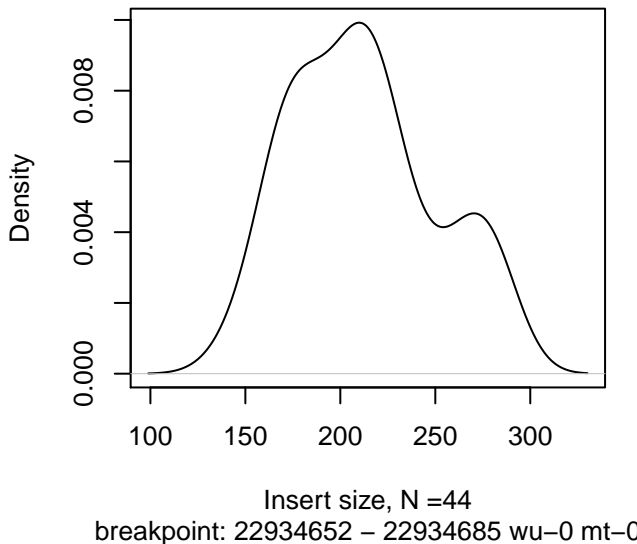
**Bp = 362 line = MAGIC.183 , Chr = 1**



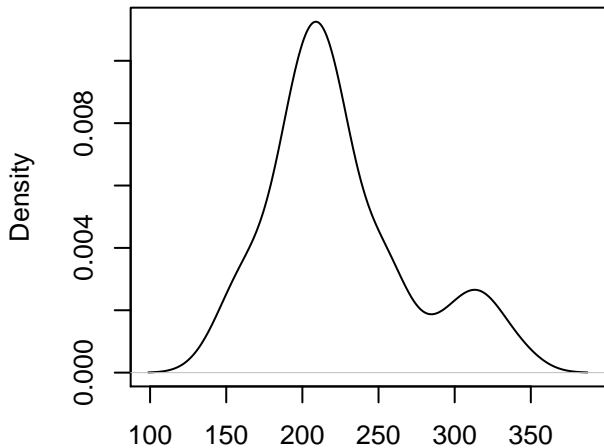
**Bp = 363 line = MAGIC.183 , Chr = 1**



**Bp = 364 line = MAGIC.183 , Chr = 1**

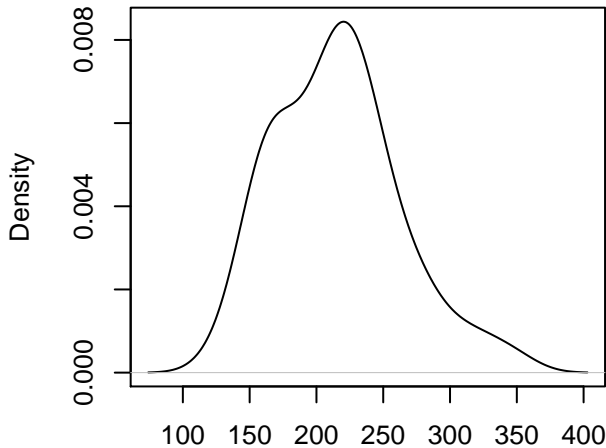


**Bp = 365 line = MAGIC.183 , Chr = 1**



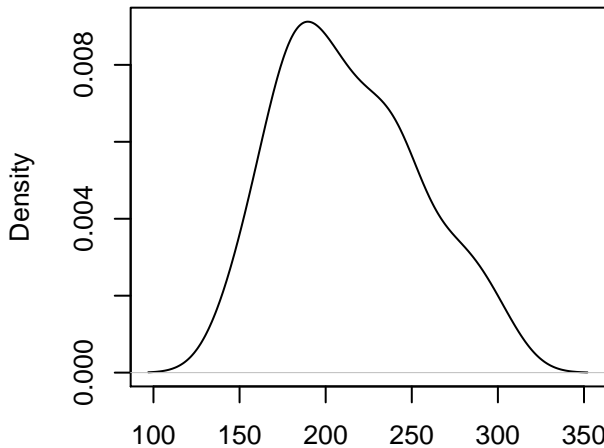
Insert size, N =46  
breakpoint: 22940061 – 22940063 mt-0 sf-2

**Bp = 366 line = MAGIC.183 , Chr = 1**



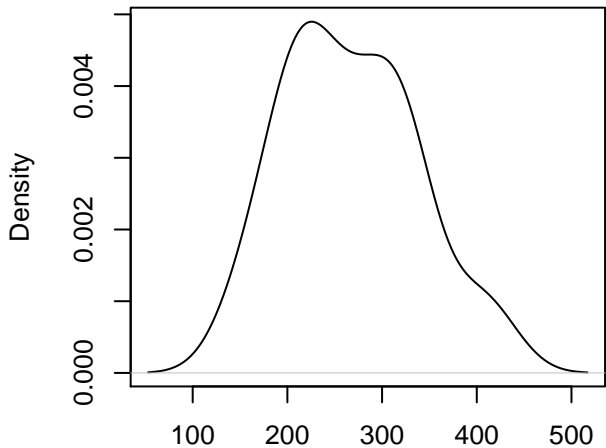
Insert size, N =52  
breakpoint: 23000612 – 23000614 sf-2 hi-0

**Bp = 367 line = MAGIC.183 , Chr = 1**



Insert size, N =76  
breakpoint: 23043822 – 23043887 hi-0 rsch-4

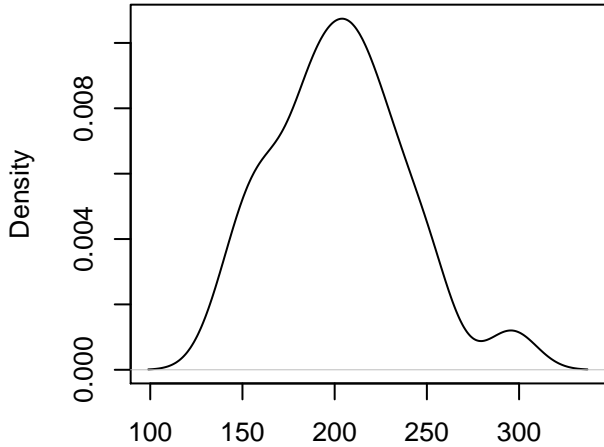
**Bp = 368 line = MAGIC.183 , Chr = 1**



Insert size, N =23  
breakpoint: 23101783 – 23101794 rsch-4 kn-0

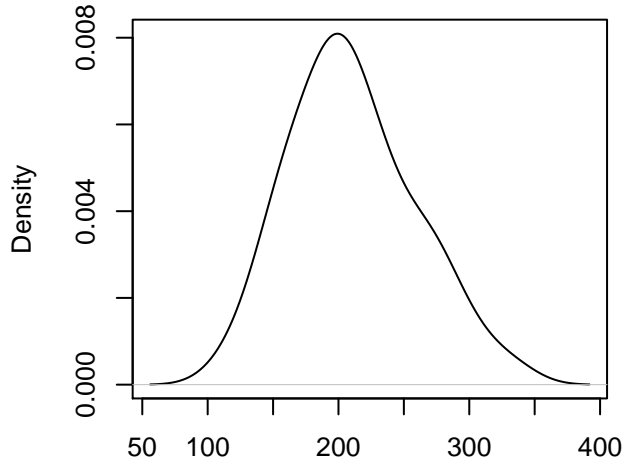


**Bp = 369 line = MAGIC.183 , Chr = 1**



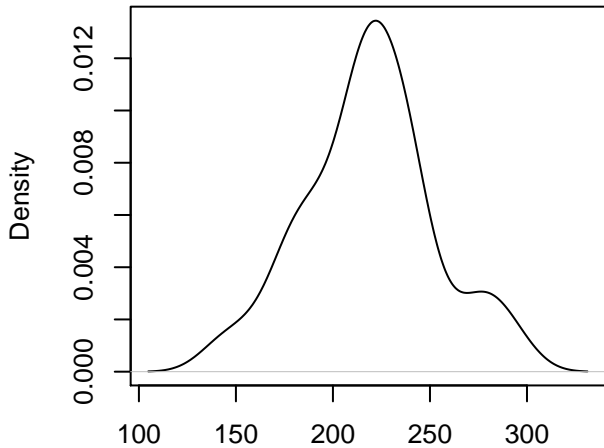
Insert size, N =50  
breakpoint: 23109119 – 23109131 kn-0 sf-2

**Bp = 370 line = MAGIC.183 , Chr = 1**



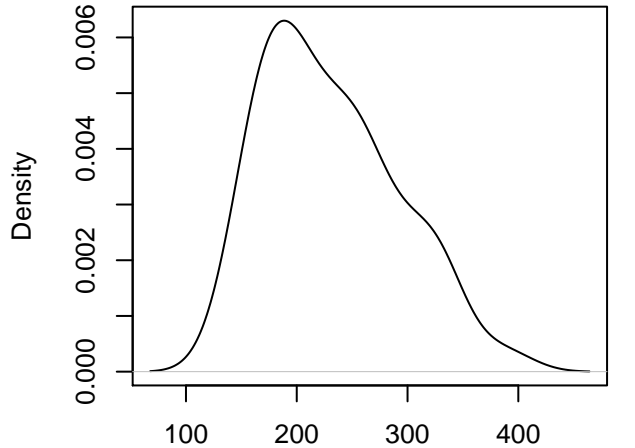
Insert size, N =43  
breakpoint: 23150325 – 23150345 sf-2 no-0

**Bp = 371 line = MAGIC.183 , Chr = 1**



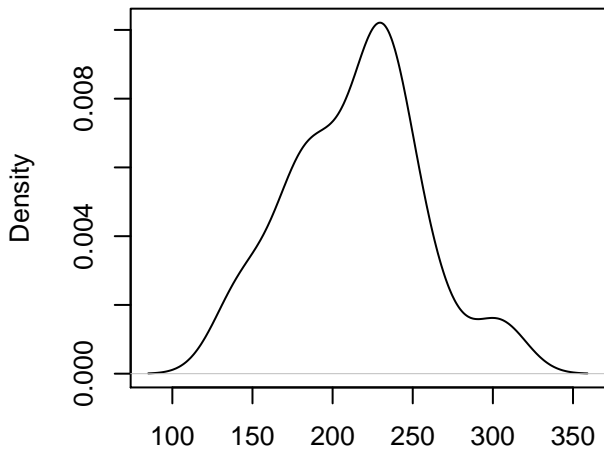
Insert size, N =37  
breakpoint: 23159046 – 23159065 no-0 tsu-0

**Bp = 372 line = MAGIC.183 , Chr = 1**



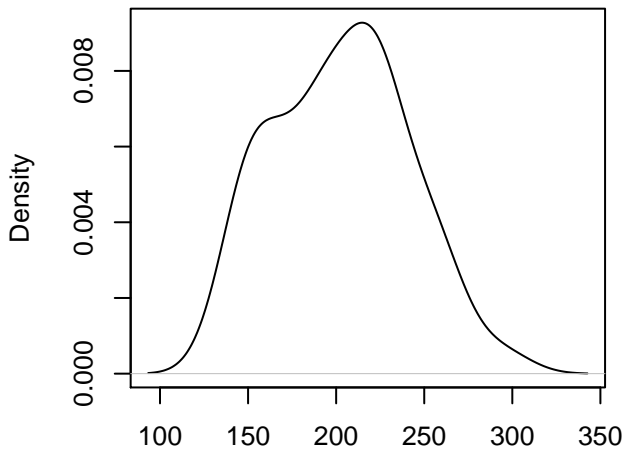
Insert size, N =44  
breakpoint: 23170812 – 23170822 tsu-0 ct-1

**Bp = 373 line = MAGIC.183 , Chr = 1**



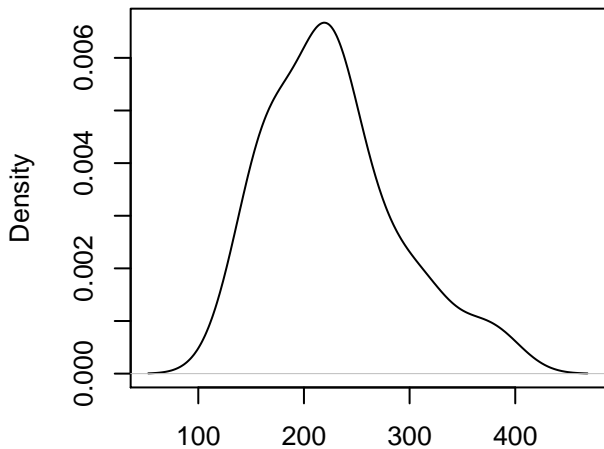
Insert size, N =47  
breakpoint: 23192751 – 23192754 ct-1 wil-2

**Bp = 374 line = MAGIC.183 , Chr = 1**



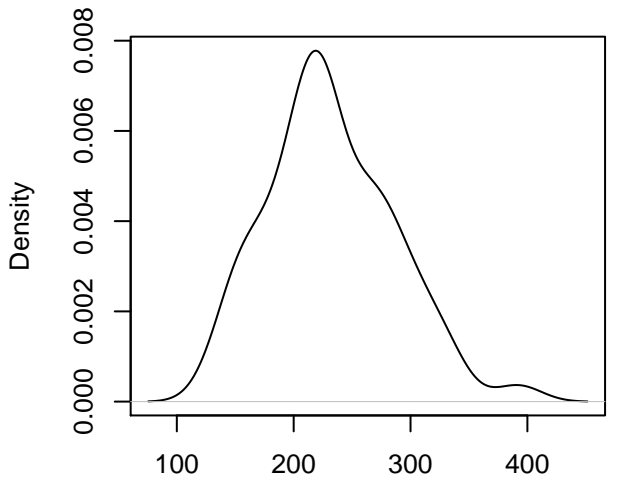
Insert size, N =46  
breakpoint: 23196021 – 23196062 wil-2 kn-0

**Bp = 375 line = MAGIC.183 , Chr = 1**



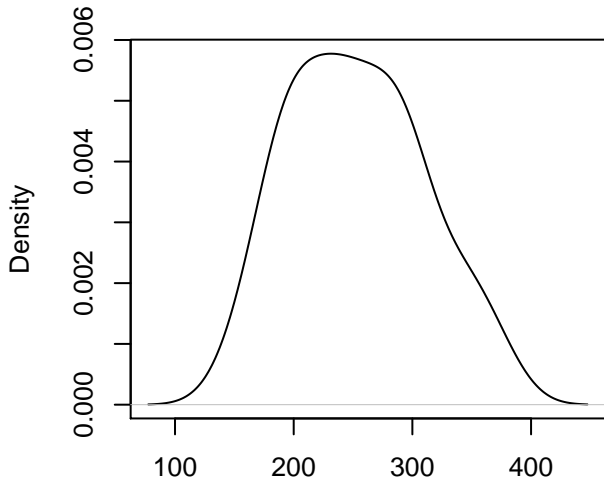
Insert size, N =48  
breakpoint: 23213547 – 23213611 kn-0 col-0

**Bp = 376 line = MAGIC.183 , Chr = 1**



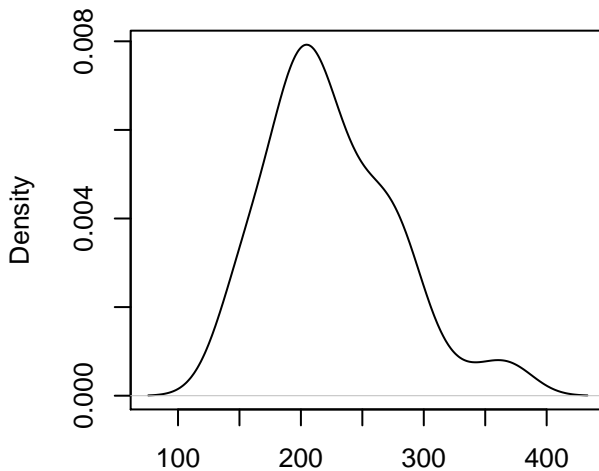
Insert size, N =56  
breakpoint: 23259960 – 23260130 col-0 kn-0

**Bp = 377 line = MAGIC.183 , Chr = 1**



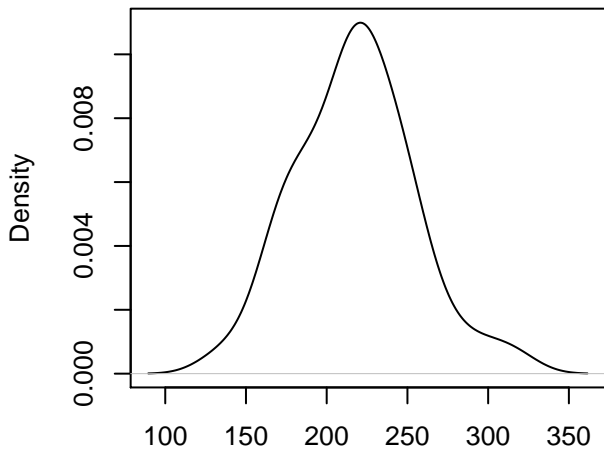
Insert size, N =49  
breakpoint: 23275661 – 23275702 kn-0 po-0

**Bp = 378 line = MAGIC.183 , Chr = 1**



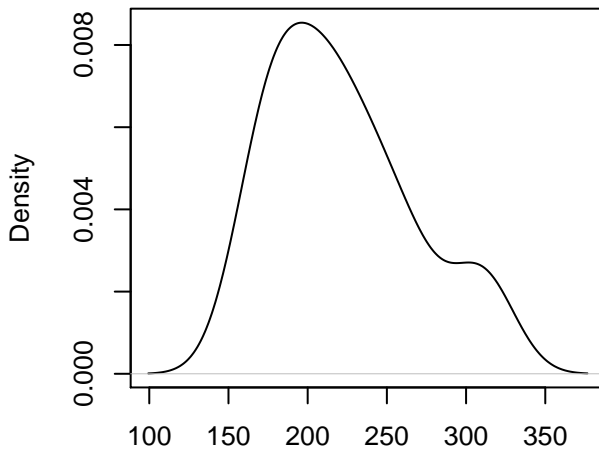
Insert size, N =56  
breakpoint: 23292516 – 23292555 po-0 ct-1

**Bp = 379 line = MAGIC.183 , Chr = 1**



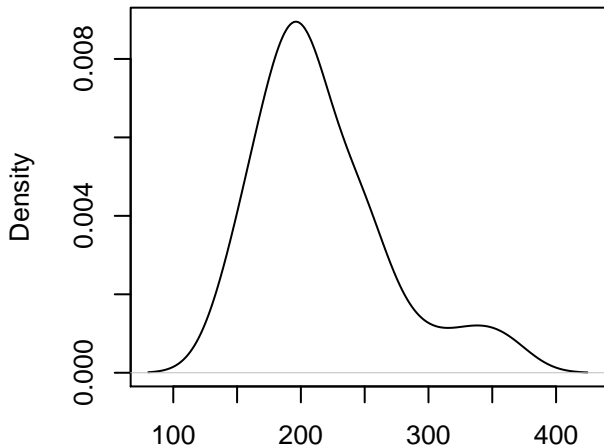
Insert size, N =38  
breakpoint: 23340959 – 23341009 ct-1 col-0

**Bp = 380 line = MAGIC.183 , Chr = 1**



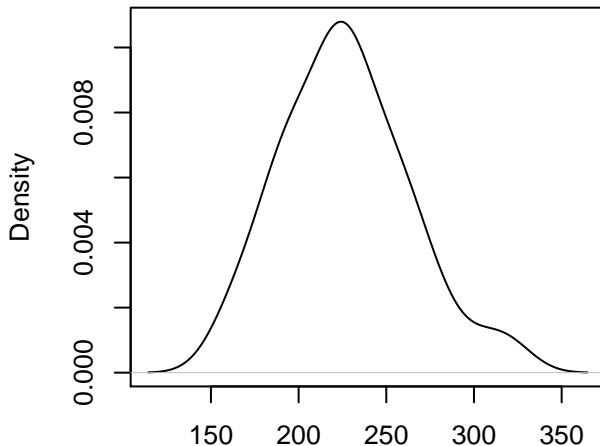
Insert size, N =53  
breakpoint: 23347544 – 23347553 col-0 oy-0

**Bp = 381 line = MAGIC.183 , Chr = 1**



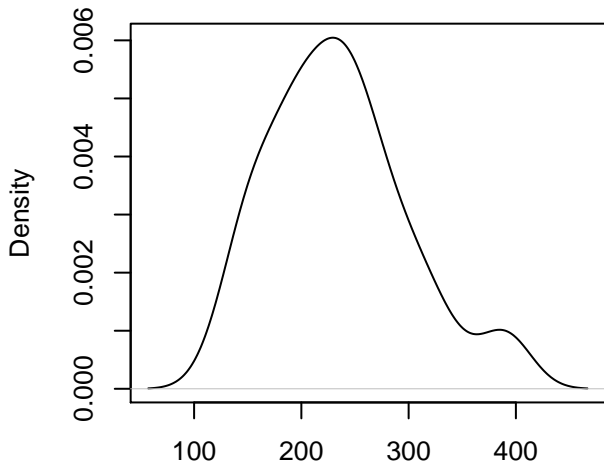
Insert size, N =25  
breakpoint: 23397162 – 23397169 oy-0 zu-0

**Bp = 382 line = MAGIC.183 , Chr = 1**



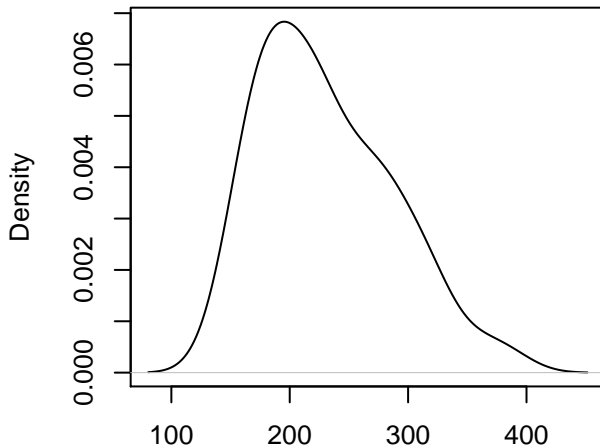
Insert size, N =57  
breakpoint: 23440134 – 23440150 zu-0 hi-0

**Bp = 383 line = MAGIC.183 , Chr = 1**



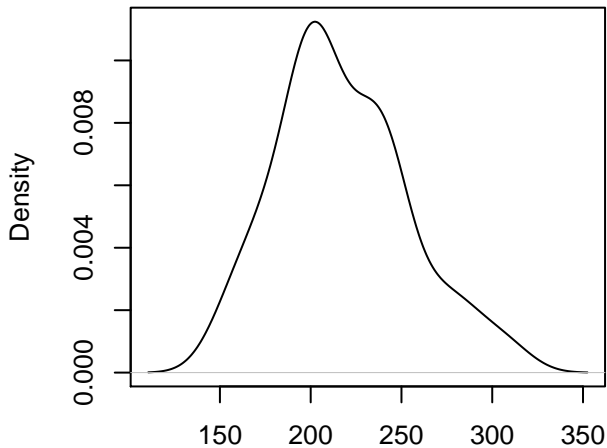
Insert size, N =52  
breakpoint: 23462704 – 23462723 hi-0 ct-1

**Bp = 384 line = MAGIC.183 , Chr = 1**



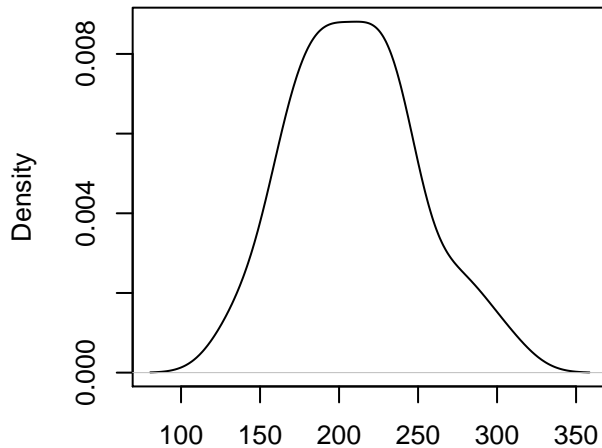
Insert size, N =54  
breakpoint: 23515394 – 23515420 ct-1 wil-2

**Bp = 385 line = MAGIC.183 , Chr = 1**



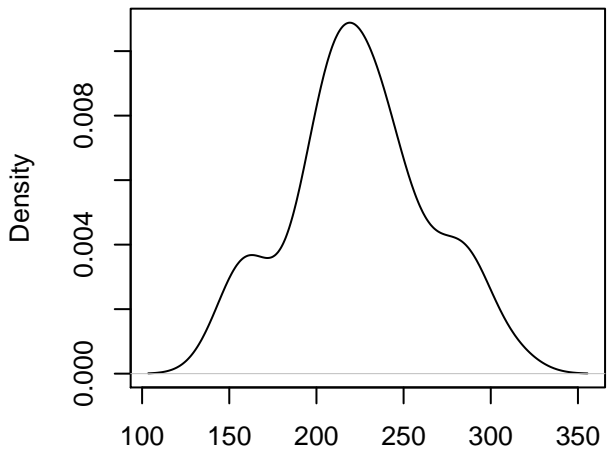
Insert size, N =63  
breakpoint: 23560674 – 23560793 wil-2 zu-0

**Bp = 386 line = MAGIC.183 , Chr = 1**



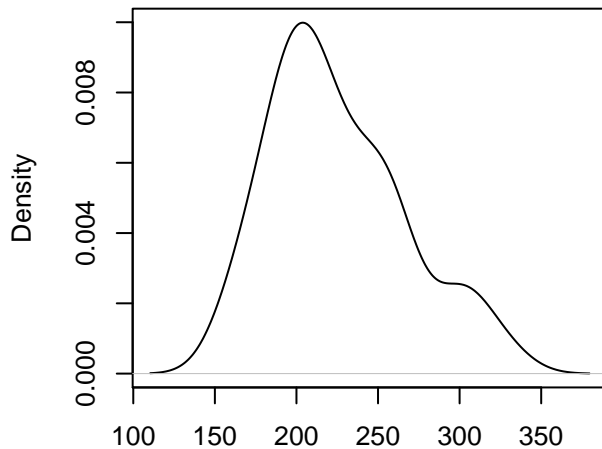
Insert size, N =56  
breakpoint: 23612332 – 23612352 zu-0 no-0

**Bp = 387 line = MAGIC.183 , Chr = 1**



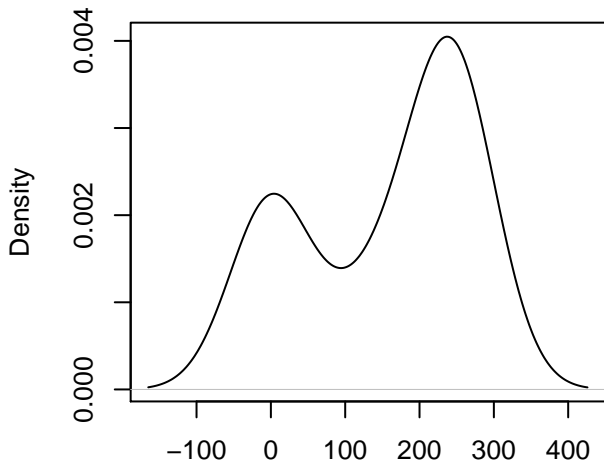
Insert size, N =44  
breakpoint: 23634254 – 23634315 no-0 po-0

**Bp = 388 line = MAGIC.183 , Chr = 1**



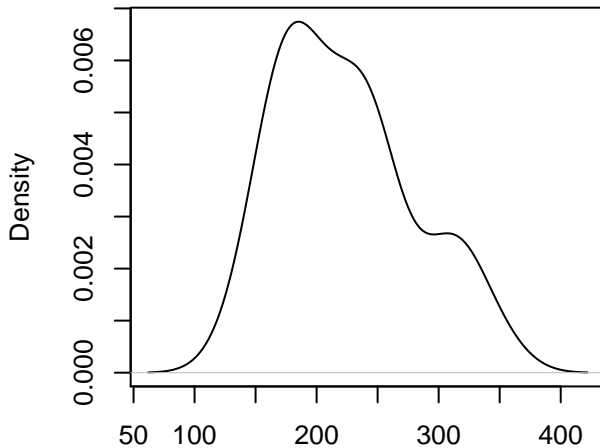
Insert size, N =59  
breakpoint: 23687257 – 23687331 po-0 tsu-0

**Bp = 389 line = MAGIC.183 , Chr = 1**



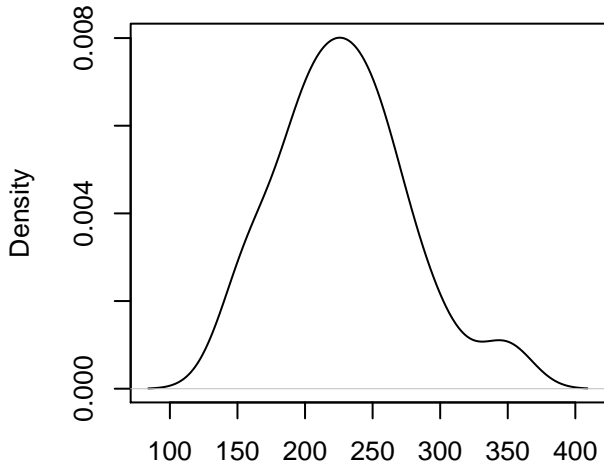
Insert size, N =20  
breakpoint: 23720024 – 23720025 tsu-0 bur-0

**Bp = 390 line = MAGIC.183 , Chr = 1**



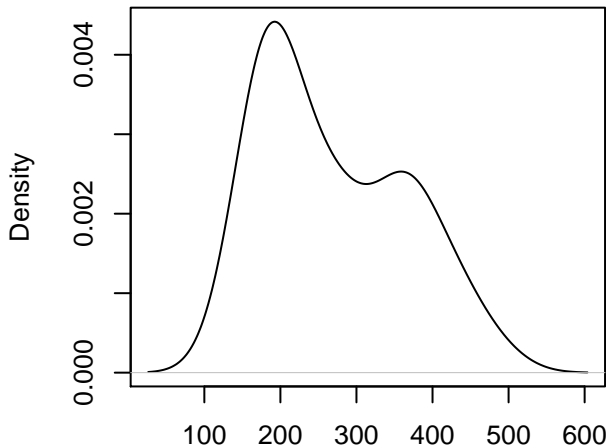
Insert size, N =41  
breakpoint: 23802663 – 23802711 bur-0 wu-0

**Bp = 391 line = MAGIC.183 , Chr = 1**



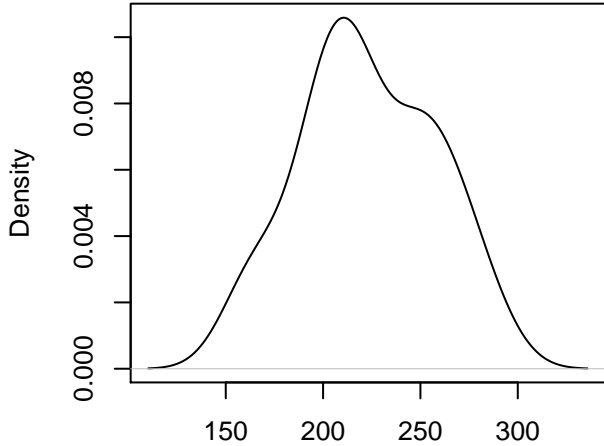
Insert size, N =42  
breakpoint: 23874899 – 23874909 wu-0 no-0

**Bp = 392 line = MAGIC.183 , Chr = 1**



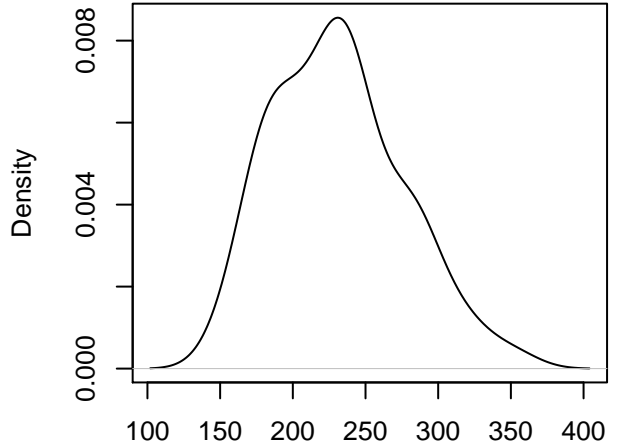
Insert size, N =41  
breakpoint: 23907142 – 23907144 no-0 hi-0

**Bp = 393 line = MAGIC.183 , Chr = 1**



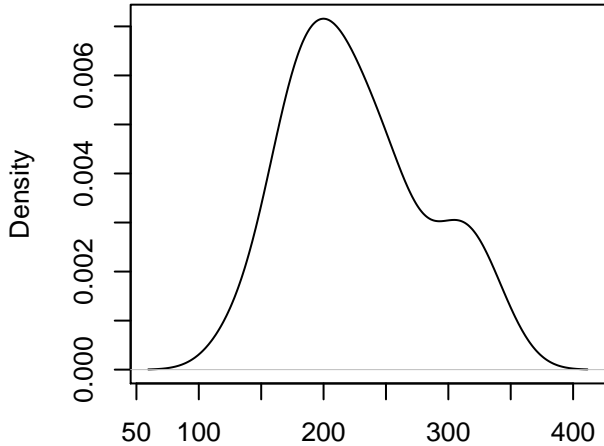
Insert size, N =35  
breakpoint: 24041464 – 24041499 hi-0 can-0

**Bp = 394 line = MAGIC.183 , Chr = 1**



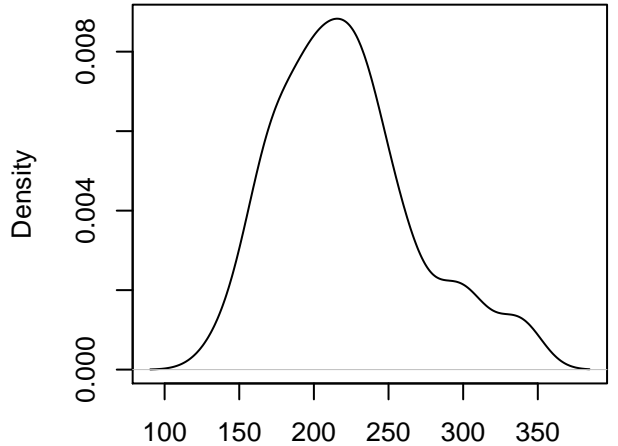
Insert size, N =58  
breakpoint: 24054886 – 24054887 can-0 wil-2

**Bp = 395 line = MAGIC.183 , Chr = 1**



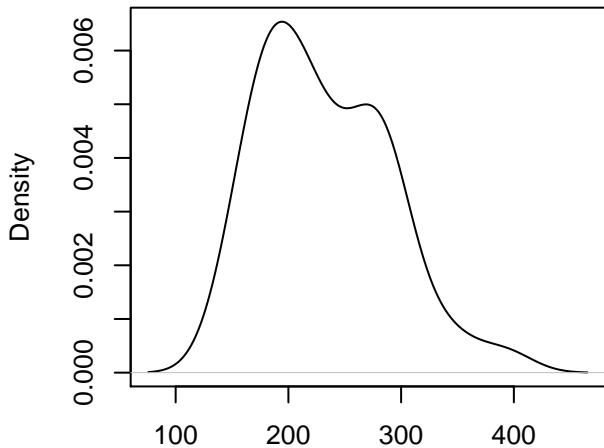
Insert size, N =65  
breakpoint: 24056335 – 24056361 wil-2 oy-0

**Bp = 396 line = MAGIC.183 , Chr = 1**



Insert size, N =68  
breakpoint: 24133495 – 24133538 oy-0 bur-0

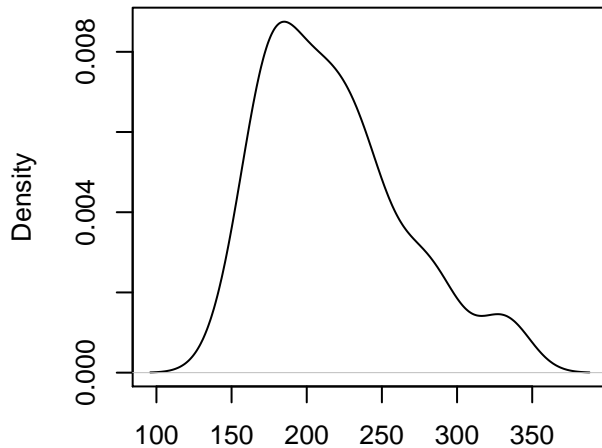
**Bp = 397 line = MAGIC.183 , Chr = 1**



Insert size, N =44

breakpoint: 24148550 – 24148564 bur-0 oy-0

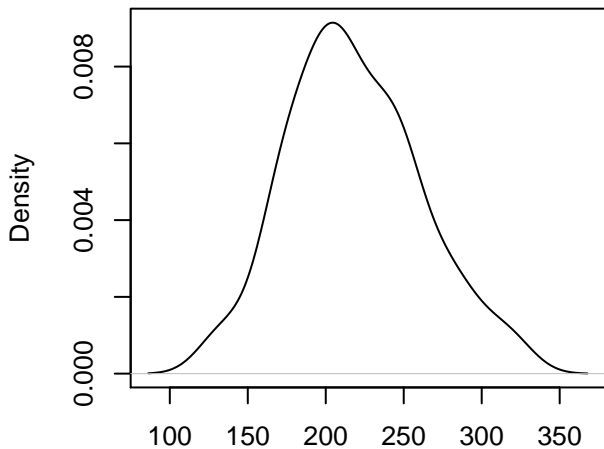
**Bp = 398 line = MAGIC.183 , Chr = 1**



Insert size, N =69

breakpoint: 24170830 – 24170831 oy-0 mt-0

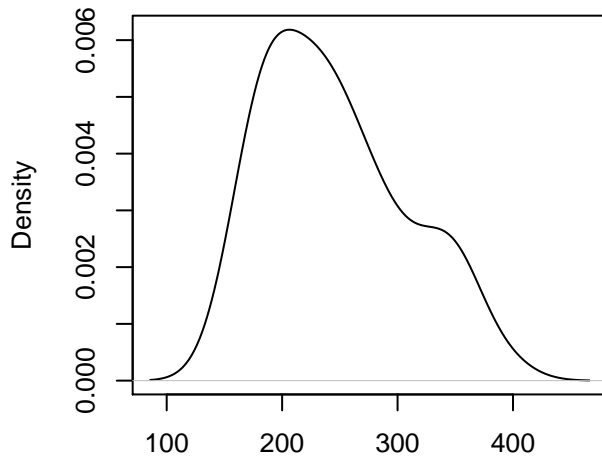
**Bp = 399 line = MAGIC.183 , Chr = 1**



Insert size, N =72

breakpoint: 24177236 – 24177238 mt-0 rsch-4

**Bp = 400 line = MAGIC.183 , Chr = 1**

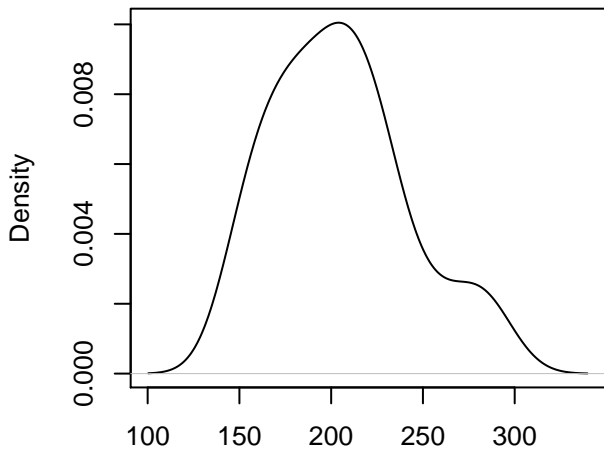


Insert size, N =55

breakpoint: 24230992 – 24231041 rsch-4 oy-0



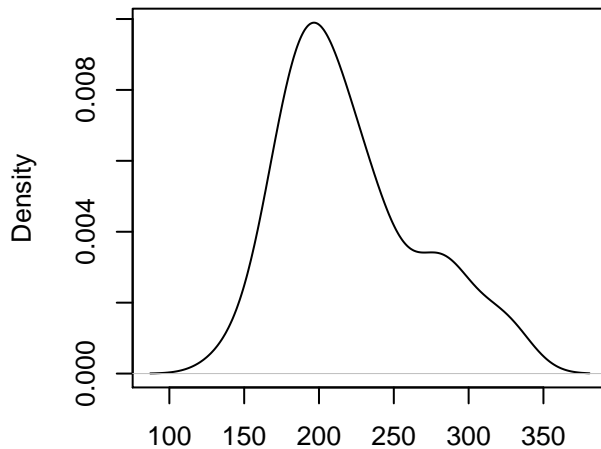
**Bp = 401 line = MAGIC.183 , Chr = 1**



Insert size, N =74

breakpoint: 24248054 – 24248314 oy-0 rsch-4

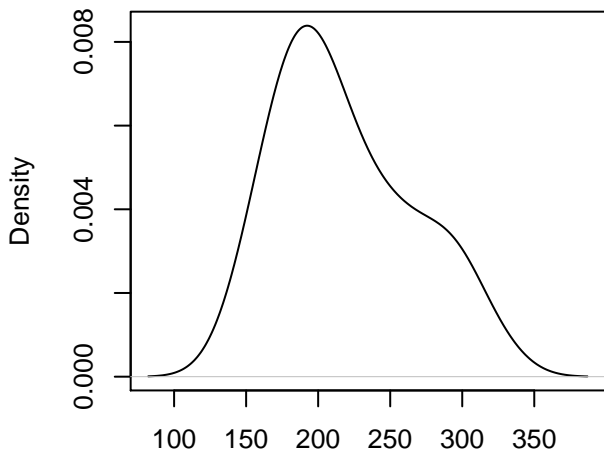
**Bp = 402 line = MAGIC.183 , Chr = 1**



Insert size, N =66

breakpoint: 24289121 – 24289140 rsch-4 ler-0

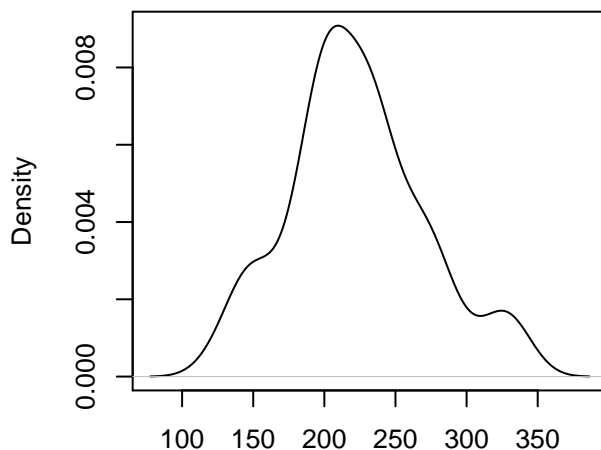
**Bp = 403 line = MAGIC.183 , Chr = 1**



Insert size, N =38

breakpoint: 24294051 – 24294105 ler-0 tsu-0

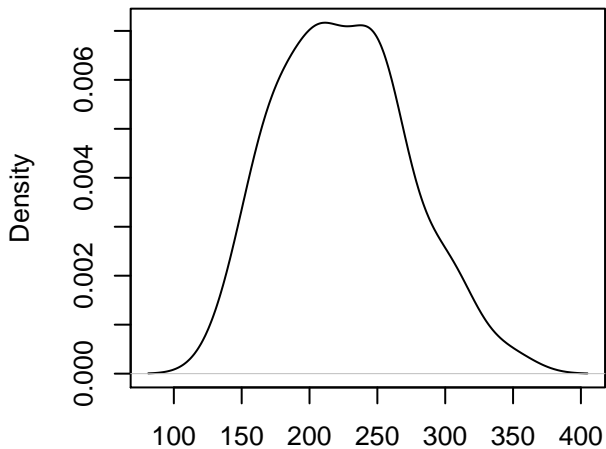
**Bp = 404 line = MAGIC.183 , Chr = 1**



Insert size, N =79

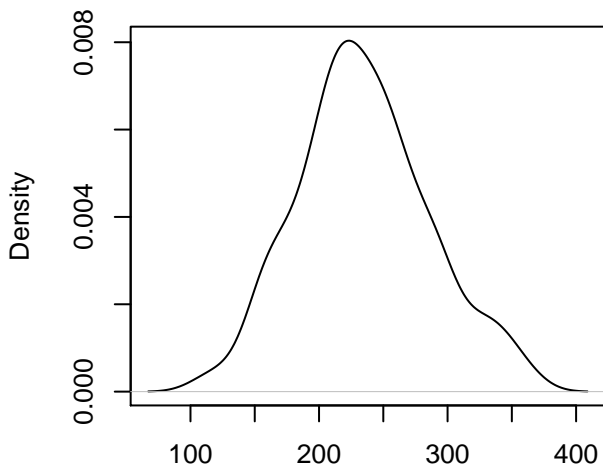
breakpoint: 24318327 – 24318379 tsu-0 sf-2

**Bp = 405 line = MAGIC.183 , Chr = 1**



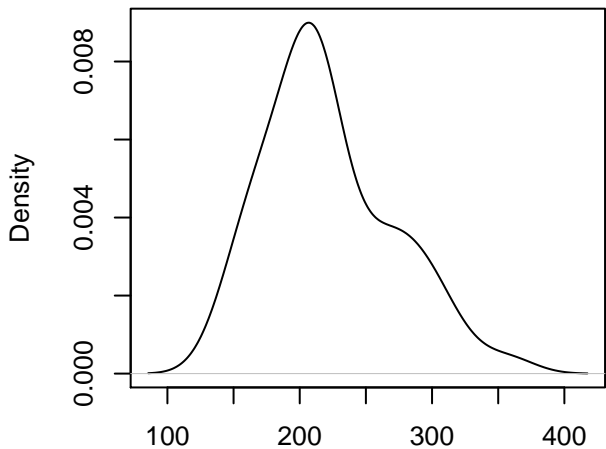
Insert size, N =52  
breakpoint: 24323454 – 24323487 sf-2 oy-0

**Bp = 406 line = MAGIC.183 , Chr = 1**



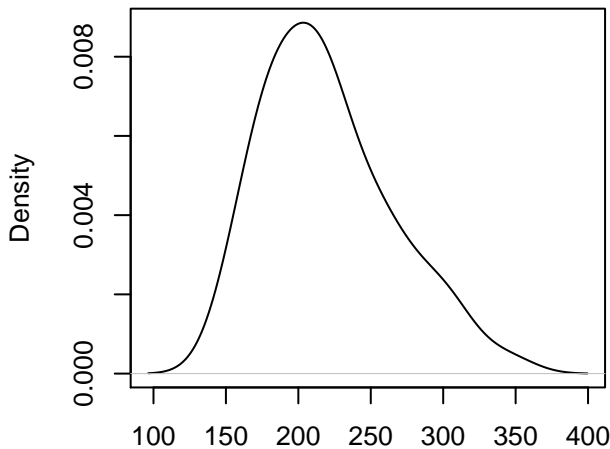
Insert size, N =60  
breakpoint: 24371786 – 24372194 oy-0 hi-0

**Bp = 407 line = MAGIC.183 , Chr = 1**



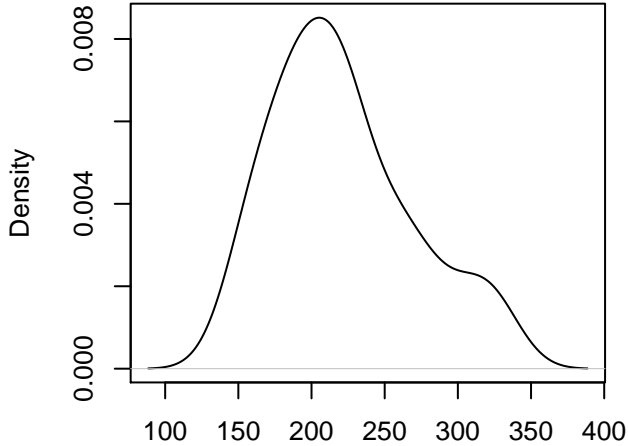
Insert size, N =52  
breakpoint: 24407145 – 24407242 hi-0 can-0

**Bp = 408 line = MAGIC.183 , Chr = 1**



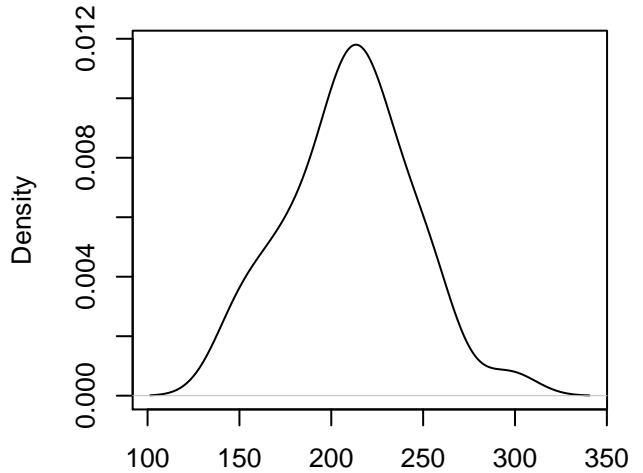
Insert size, N =59  
breakpoint: 24412875 – 24412895 can-0 po-0

**Bp = 409 line = MAGIC.183 , Chr = 1**



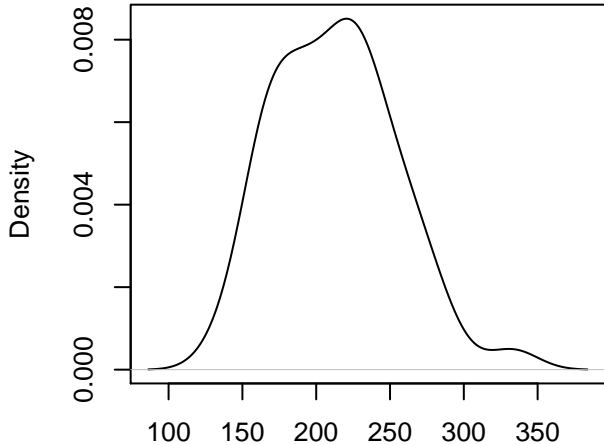
Insert size, N =63  
breakpoint: 24438008 – 24438197 po-0 hi-0

**Bp = 410 line = MAGIC.183 , Chr = 1**



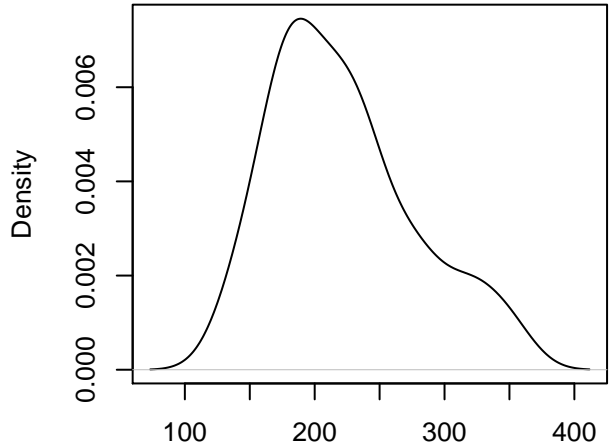
Insert size, N =35  
breakpoint: 24467880 – 24467912 hi-0 col-0

**Bp = 411 line = MAGIC.183 , Chr = 1**



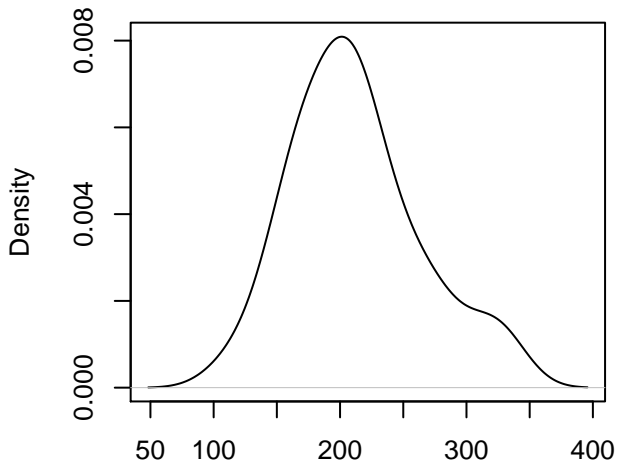
Insert size, N =49  
breakpoint: 24518646 – 24518820 col-0 rsch-4

**Bp = 412 line = MAGIC.183 , Chr = 1**

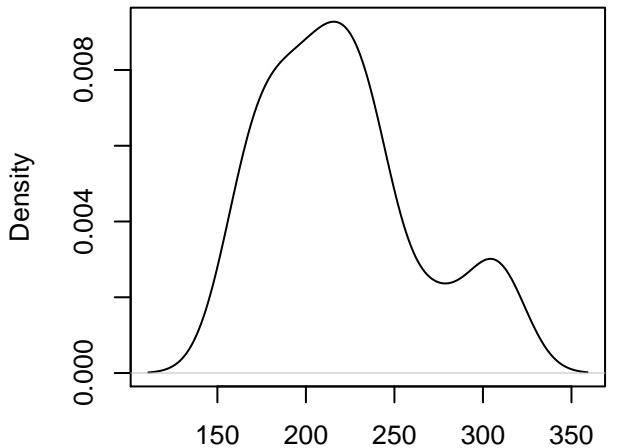


Insert size, N =70  
breakpoint: 24642866 – 24642867 rsch-4 hi-0

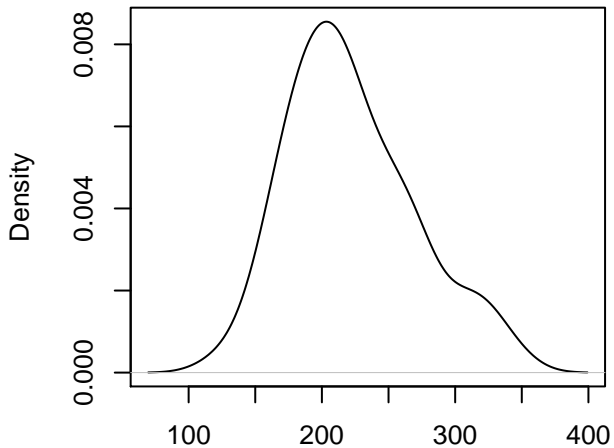
**Bp = 413 line = MAGIC.183 , Chr = 1**



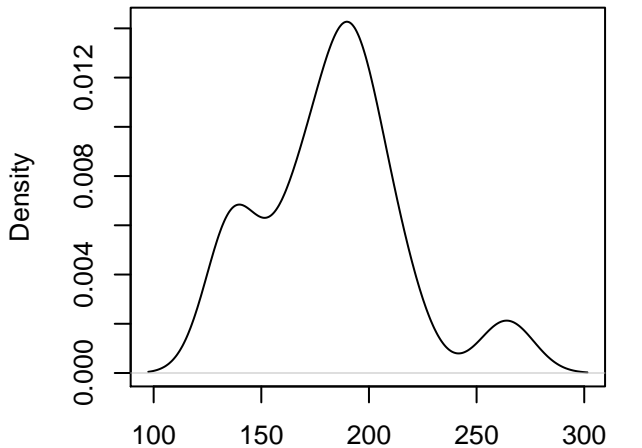
**Bp = 414 line = MAGIC.183 , Chr = 1**



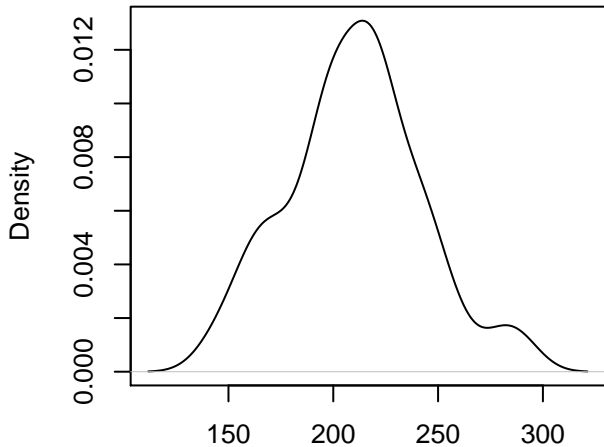
**Bp = 415 line = MAGIC.183 , Chr = 1**



**Bp = 416 line = MAGIC.183 , Chr = 1**

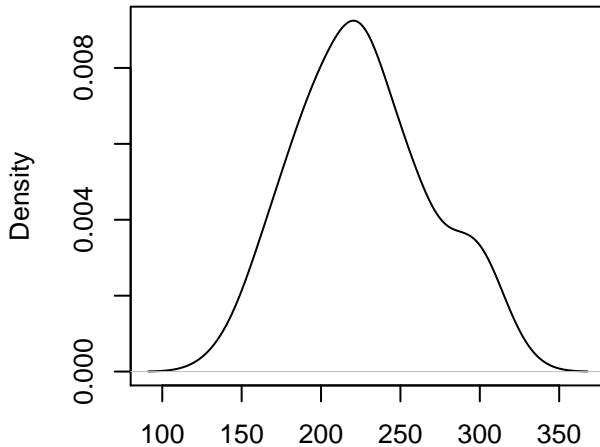


**Bp = 417 line = MAGIC.183 , Chr = 1**



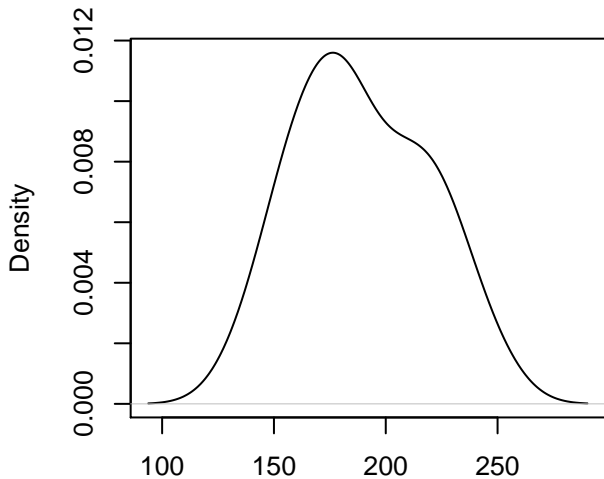
Insert size, N =40  
breakpoint: 24750912 – 24750918 can-0 no-0

**Bp = 418 line = MAGIC.183 , Chr = 1**



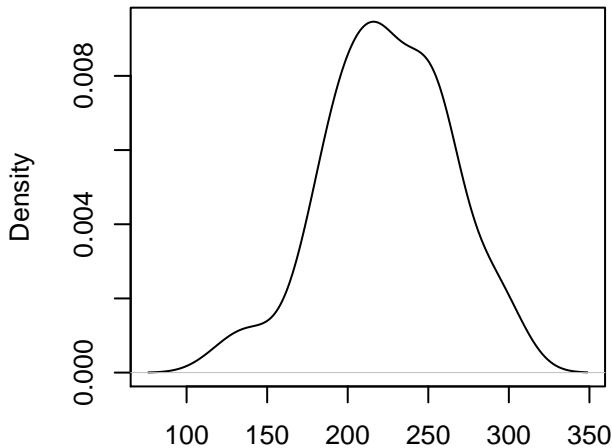
Insert size, N =73  
breakpoint: 24825998 – 24826001 no-0 col-0

**Bp = 419 line = MAGIC.183 , Chr = 1**



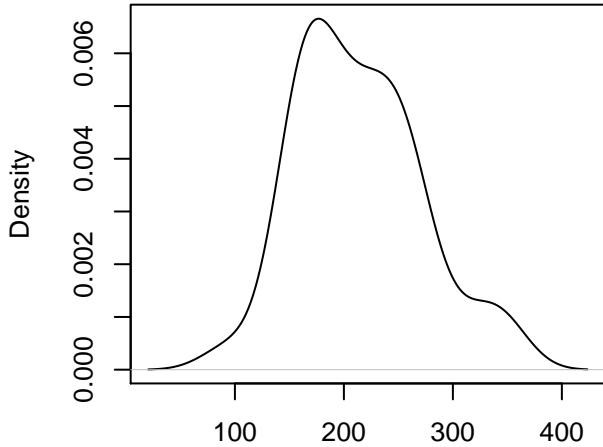
Insert size, N =22  
breakpoint: 24844696 – 24844720 col-0 sf-2

**Bp = 420 line = MAGIC.183 , Chr = 1**



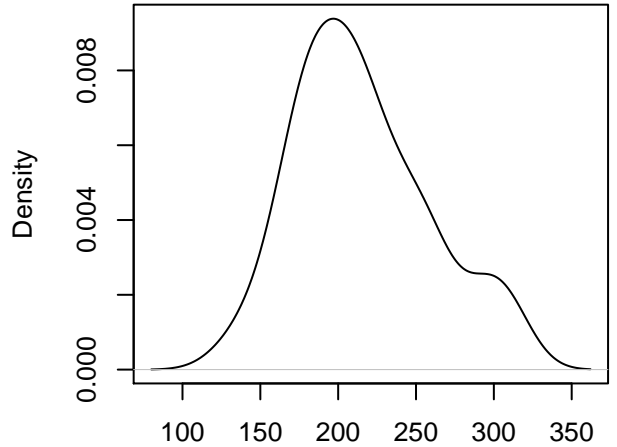
Insert size, N =61  
breakpoint: 24882303 – 24882574 sf-2 ler-0

**Bp = 421 line = MAGIC.183 , Chr = 1**



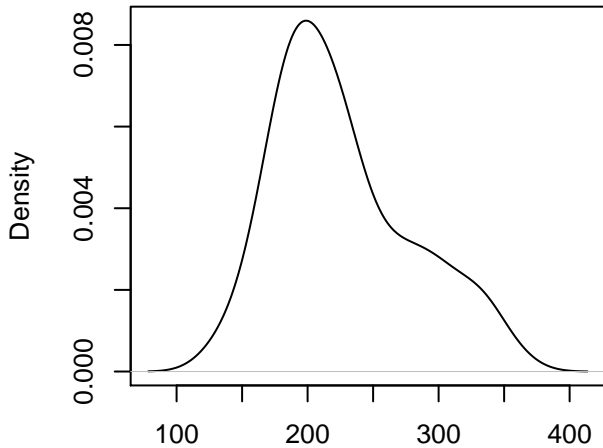
Insert size, N =37  
breakpoint: 24924943 – 24924967 ler-0 zu-0

**Bp = 422 line = MAGIC.183 , Chr = 1**



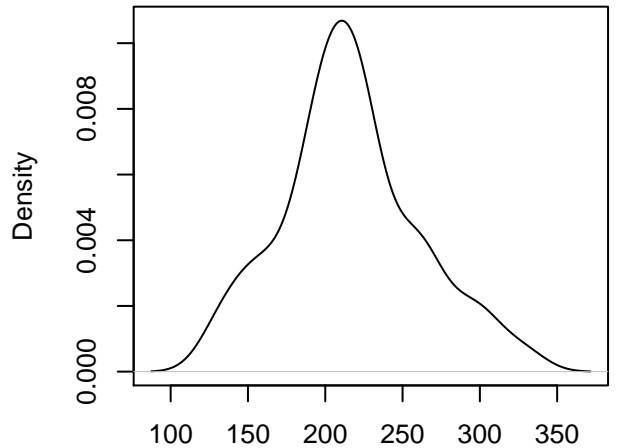
Insert size, N =63  
breakpoint: 24977229 – 24977303 zu-0 ws-0

**Bp = 423 line = MAGIC.183 , Chr = 1**



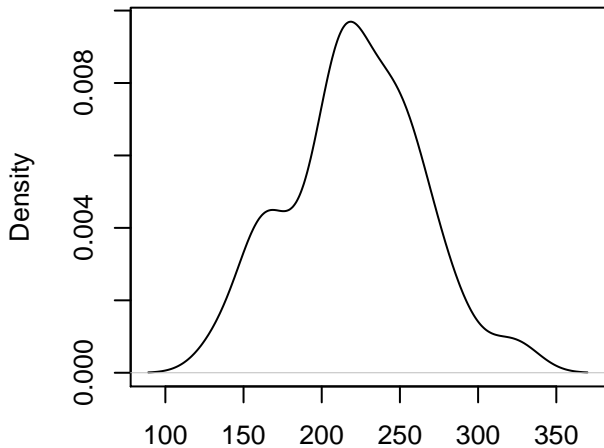
Insert size, N =101  
breakpoint: 24984157 – 24984187 ws-0 tsu-0

**Bp = 424 line = MAGIC.183 , Chr = 1**



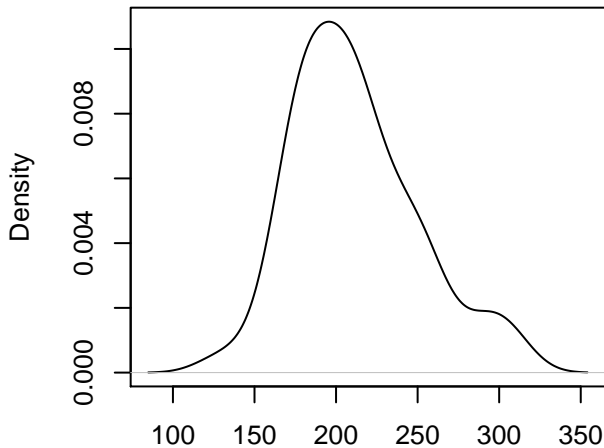
Insert size, N =49  
breakpoint: 24988250 – 24988309 tsu-0 edi-0

**Bp = 425 line = MAGIC.183 , Chr = 1**



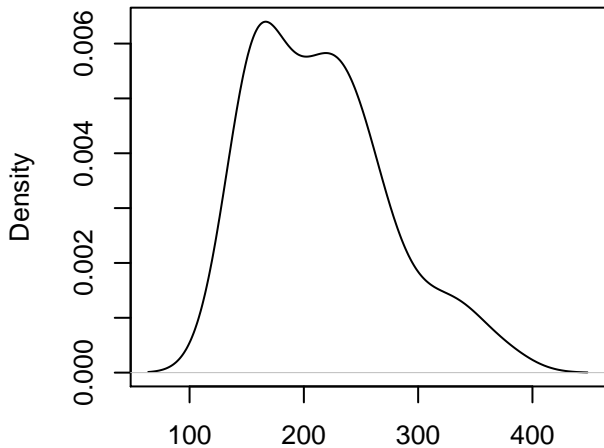
Insert size, N =30  
breakpoint: 25025744 – 25025836 edi-0 po-0

**Bp = 426 line = MAGIC.183 , Chr = 1**



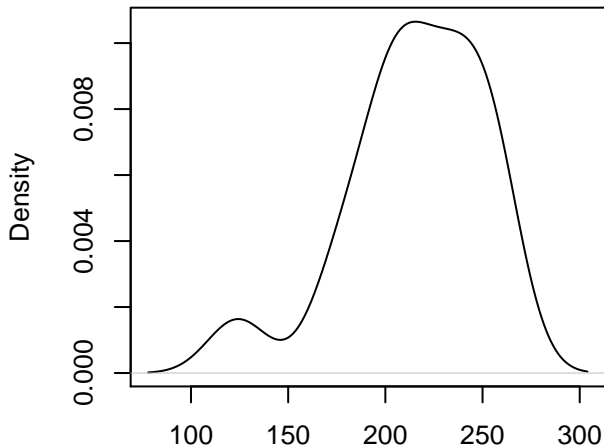
Insert size, N =54  
breakpoint: 25061300 – 25061328 po-0 col-0

**Bp = 427 line = MAGIC.183 , Chr = 1**



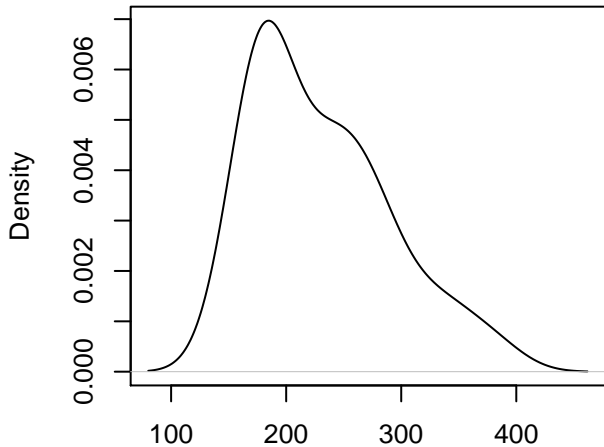
Insert size, N =48  
breakpoint: 25127433 – 25127451 col-0 bur-0

**Bp = 428 line = MAGIC.183 , Chr = 1**



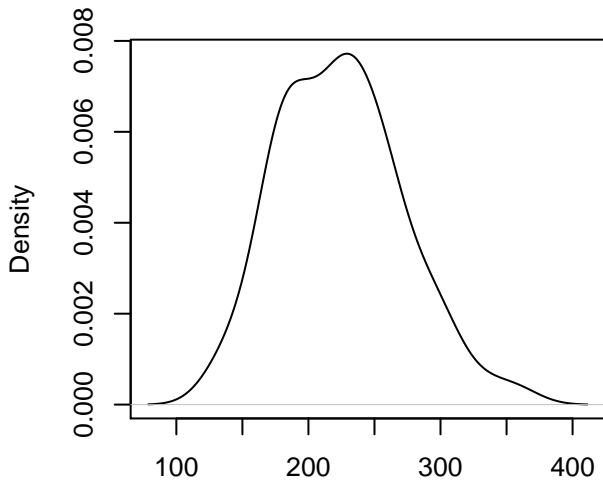
Insert size, N =16  
breakpoint: 25181168 – 25181169 bur-0 rsch-4

**Bp = 429 line = MAGIC.183 , Chr = 1**



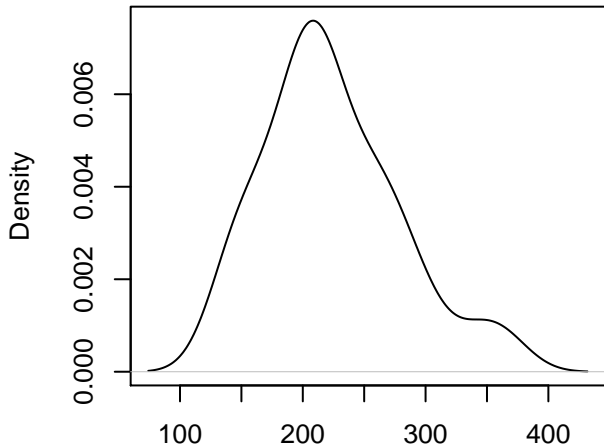
Insert size, N =33  
breakpoint: 25234569 – 25234723 rsch-4 edi-0

**Bp = 430 line = MAGIC.183 , Chr = 1**



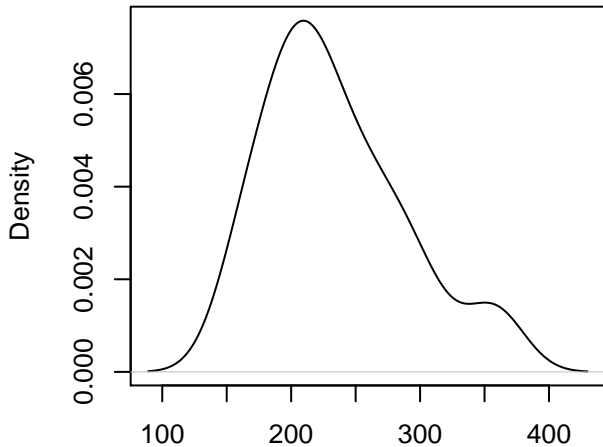
Insert size, N =61  
breakpoint: 25266572 – 25266584 edi-0 ws-0

**Bp = 431 line = MAGIC.183 , Chr = 1**



Insert size, N =30  
breakpoint: 25358190 – 25358277 ws-0 wil-2

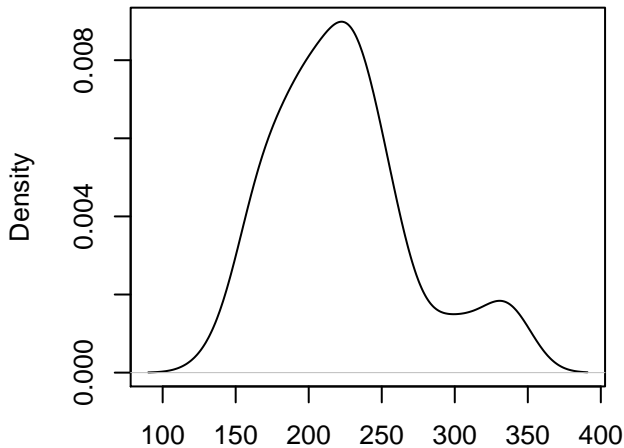
**Bp = 432 line = MAGIC.183 , Chr = 1**



Insert size, N =38  
breakpoint: 25453830 – 25453831 wil-2 tsu-0

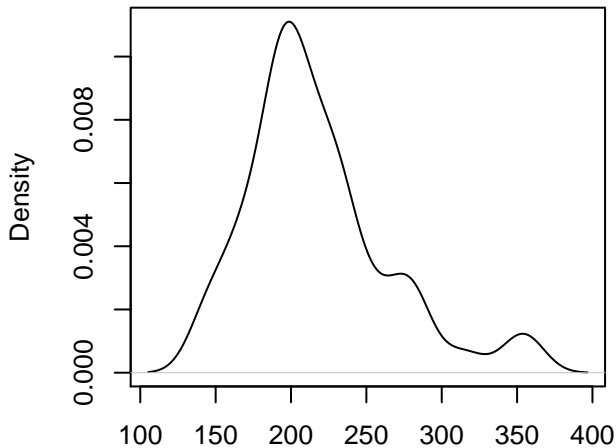


**Bp = 433 line = MAGIC.183 , Chr = 1**



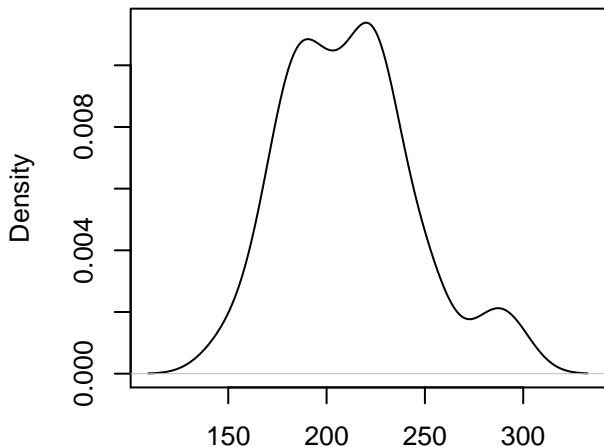
Insert size, N =56  
breakpoint: 25471036 – 25471069 tsu-0 col-0

**Bp = 434 line = MAGIC.183 , Chr = 1**



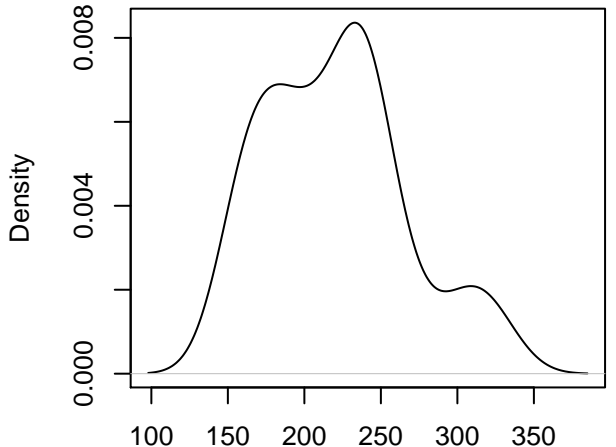
Insert size, N =48  
breakpoint: 25502603 – 25502604 col-0 sf-2

**Bp = 435 line = MAGIC.183 , Chr = 1**



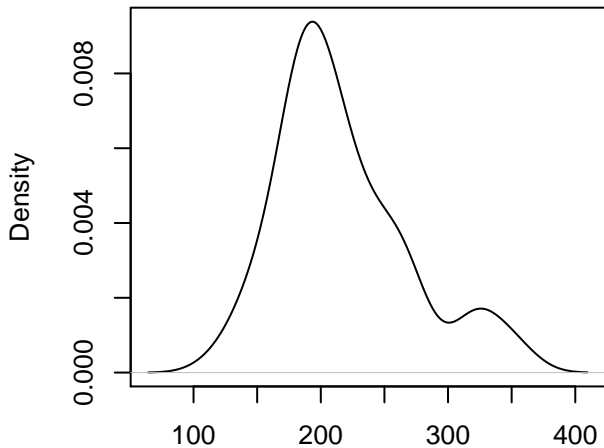
Insert size, N =42  
breakpoint: 25508122 – 25508295 sf-2 no-0

**Bp = 436 line = MAGIC.183 , Chr = 1**



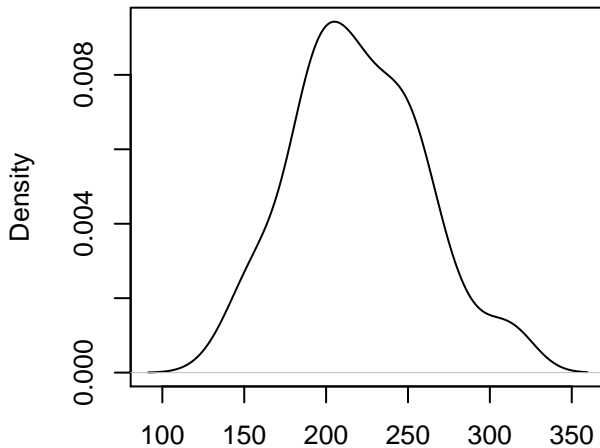
Insert size, N =48  
breakpoint: 25521184 – 25521188 no-0 sf-2

**Bp = 437 line = MAGIC.183 , Chr = 1**



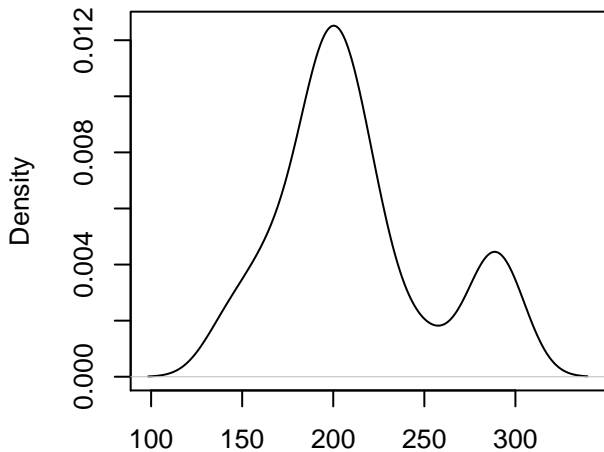
Insert size, N =59  
breakpoint: 25523918 – 25524153 sf-2 rsch-4

**Bp = 438 line = MAGIC.183 , Chr = 1**



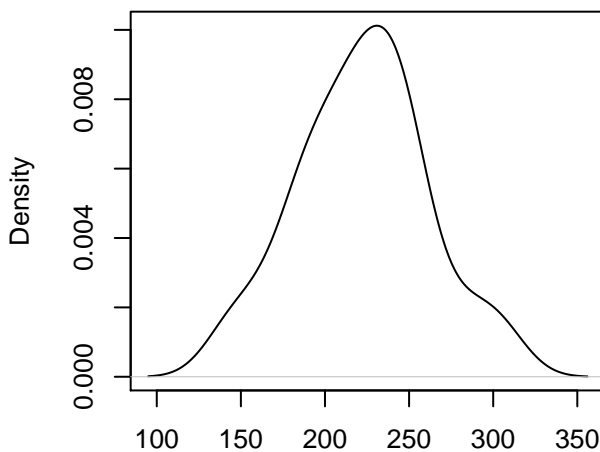
Insert size, N =64  
breakpoint: 25573696 – 25573778 rsch-4 can-0

**Bp = 439 line = MAGIC.183 , Chr = 1**



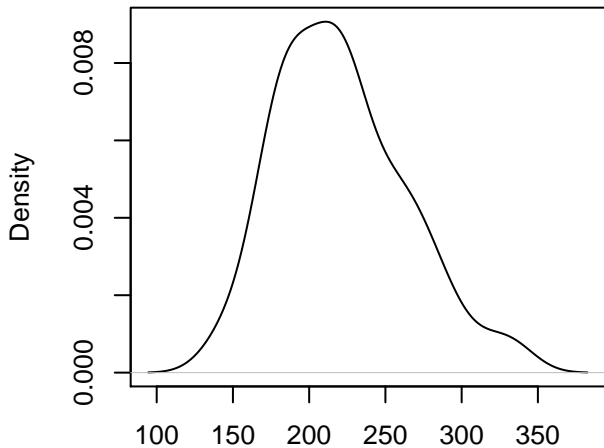
Insert size, N =35  
breakpoint: 25616336 – 25616337 can-0 edi-0

**Bp = 440 line = MAGIC.183 , Chr = 1**



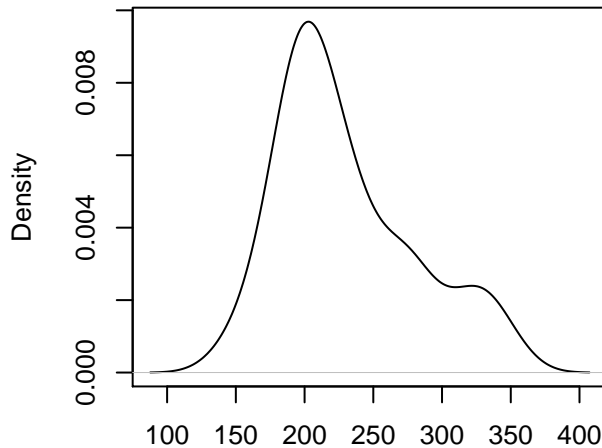
Insert size, N =33  
breakpoint: 25638430 – 25638431 edi-0 wu-0

**Bp = 441 line = MAGIC.183 , Chr = 1**



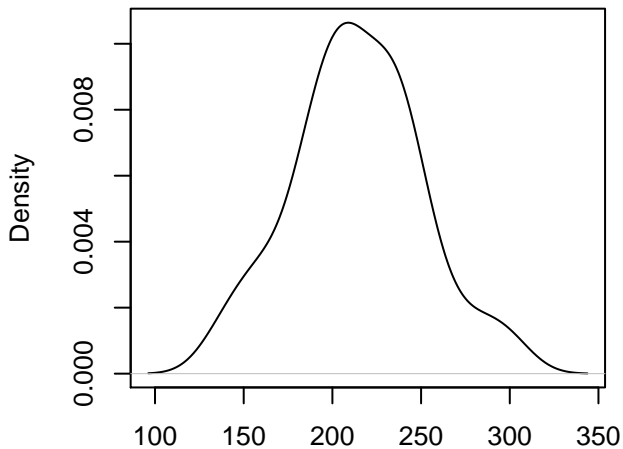
Insert size, N =80  
breakpoint: 25737395 – 25737506 wu-0 bur-0

**Bp = 442 line = MAGIC.183 , Chr = 1**



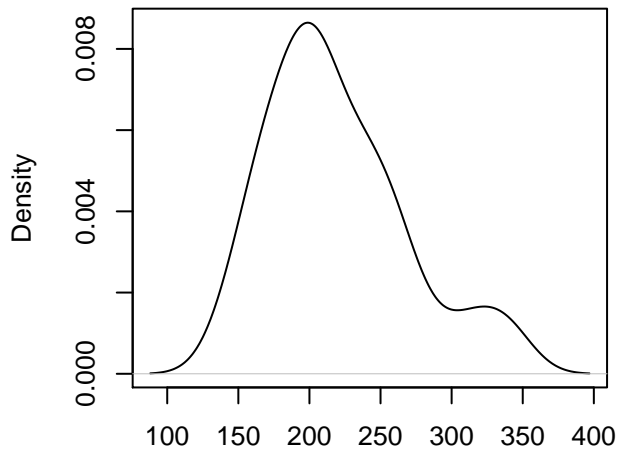
Insert size, N =95  
breakpoint: 25767104 – 25767170 bur-0 oy-0

**Bp = 443 line = MAGIC.183 , Chr = 1**



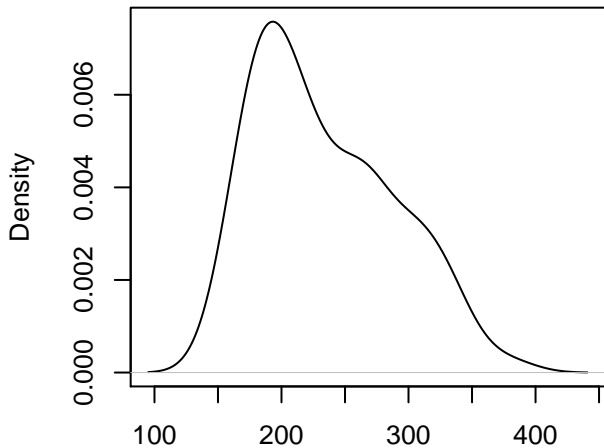
Insert size, N =58  
breakpoint: 25908356 – 25908477 oy-0 wil-2

**Bp = 444 line = MAGIC.183 , Chr = 1**



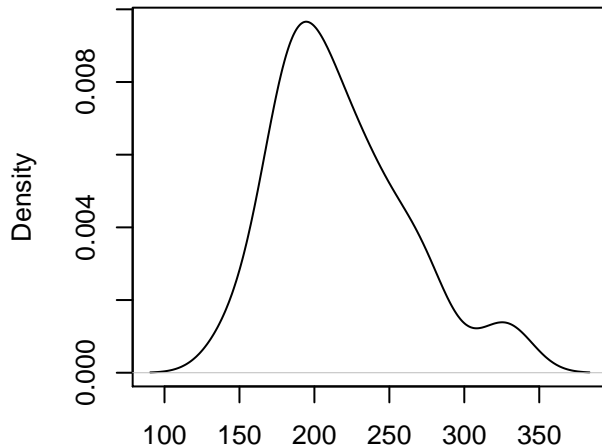
Insert size, N =38  
breakpoint: 25913177 – 25913192 wil-2 col-0

**Bp = 445 line = MAGIC.183 , Chr = 1**



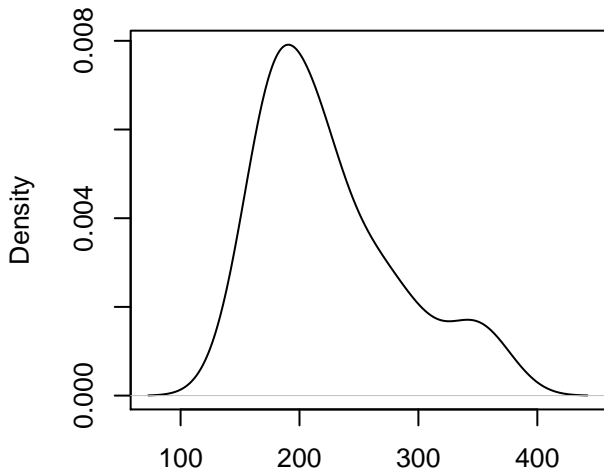
Insert size, N =82  
breakpoint: 25994466 – 25994481 col-0 zu-0

**Bp = 446 line = MAGIC.183 , Chr = 1**



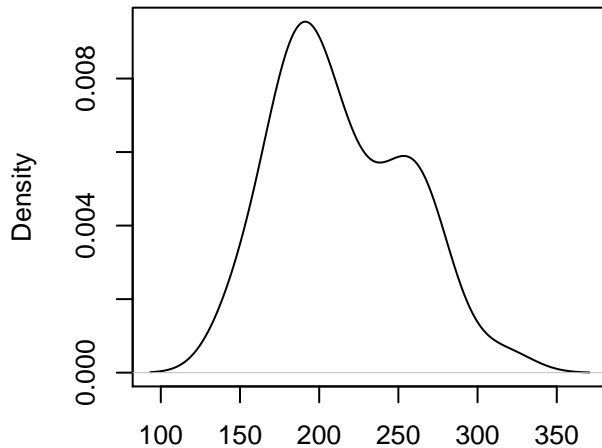
Insert size, N =50  
breakpoint: 26077575 – 26077599 zu-0 bur-0

**Bp = 447 line = MAGIC.183 , Chr = 1**



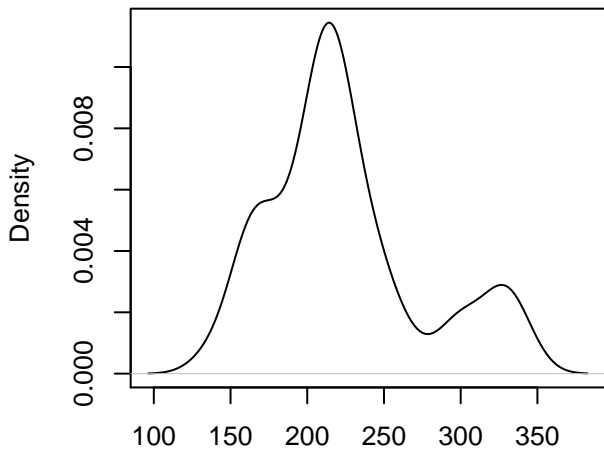
Insert size, N =70  
breakpoint: 26114484 – 26114493 bur-0 mt-0

**Bp = 448 line = MAGIC.183 , Chr = 1**



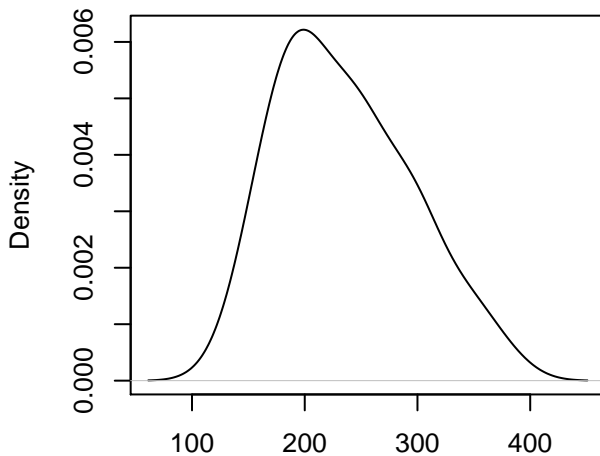
Insert size, N =42  
breakpoint: 26141700 – 26141949 mt-0 ler-0

**Bp = 449 line = MAGIC.183 , Chr = 1**



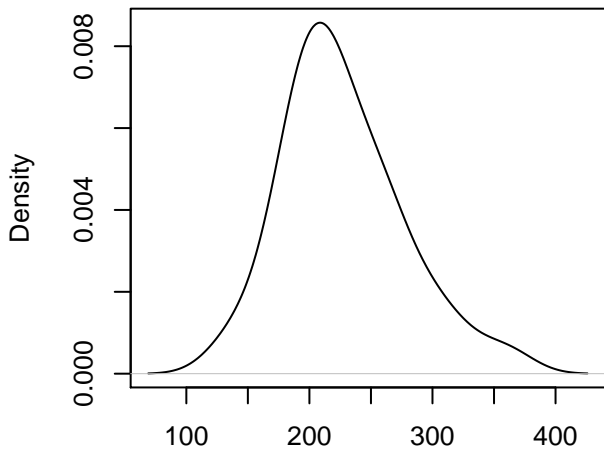
Insert size, N =49  
breakpoint: 26152790 – 26152799 ler-0 rsch-4

**Bp = 450 line = MAGIC.183 , Chr = 1**



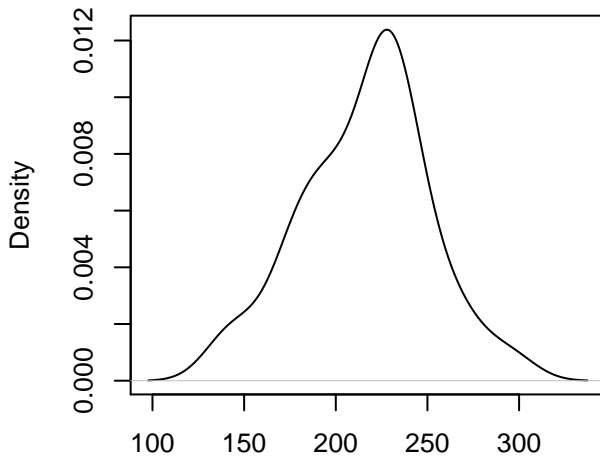
Insert size, N =47  
breakpoint: 26165293 – 26165330 rsch-4 ler-0

**Bp = 451 line = MAGIC.183 , Chr = 1**



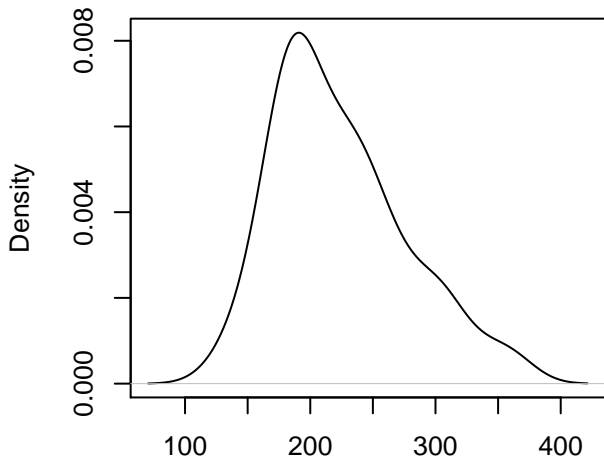
Insert size, N =32  
breakpoint: 26220303 – 26220315 ler-0 ct-1

**Bp = 452 line = MAGIC.183 , Chr = 1**



Insert size, N =32  
breakpoint: 26246870 – 26246892 ct-1 sf-2

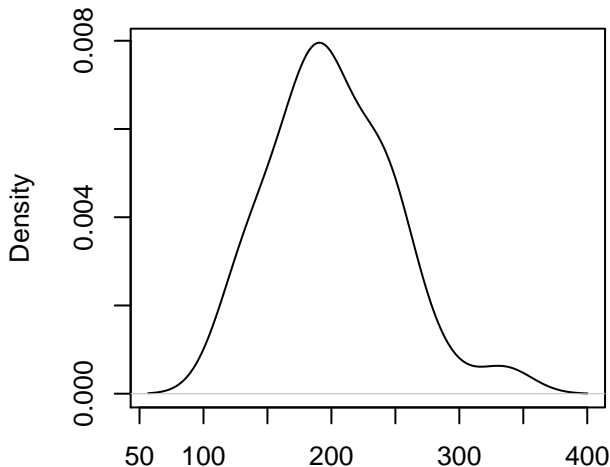
**Bp = 453 line = MAGIC.183 , Chr = 1**



Insert size, N =55

breakpoint: 26281565 – 26281598 sf-2 hi-0

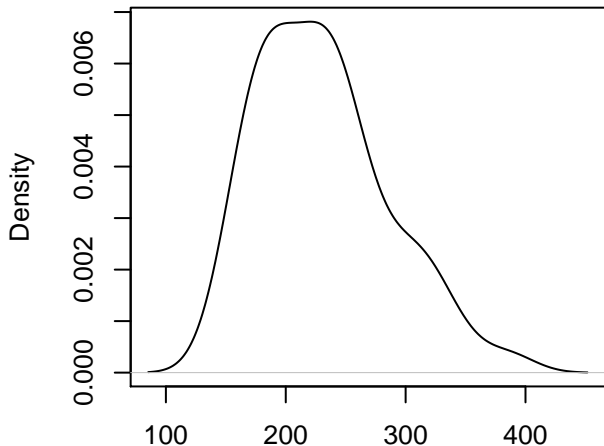
**Bp = 454 line = MAGIC.183 , Chr = 1**



Insert size, N =31

breakpoint: 26287788 – 26287807 hi-0 edi-0

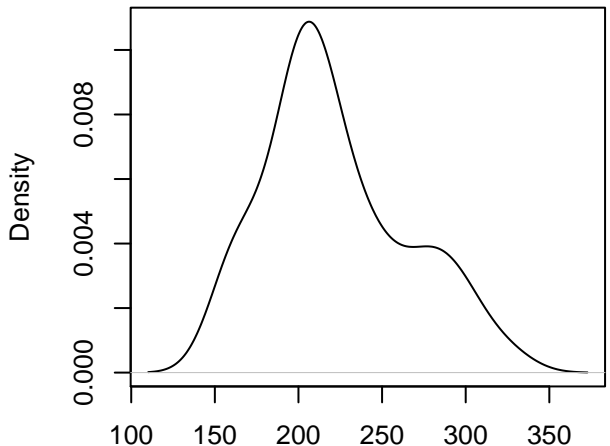
**Bp = 455 line = MAGIC.183 , Chr = 1**



Insert size, N =50

breakpoint: 26293847 – 26293851 edi-0 po-0

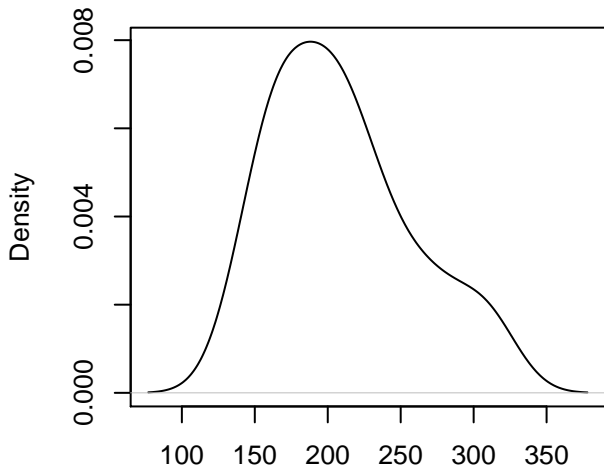
**Bp = 456 line = MAGIC.183 , Chr = 1**



Insert size, N =54

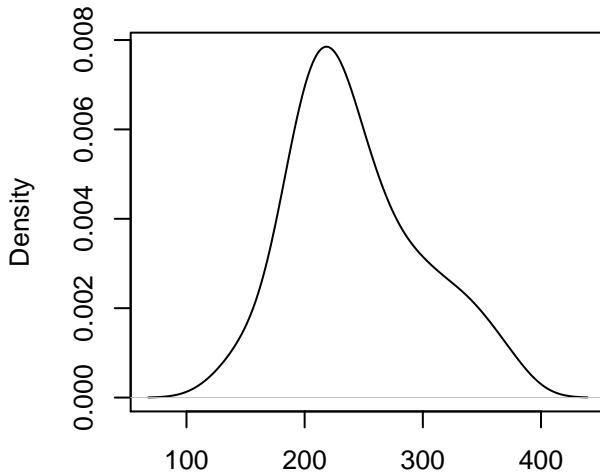
breakpoint: 26327821 – 26327895 po-0 bur-0

**Bp = 457 line = MAGIC.183 , Chr = 1**



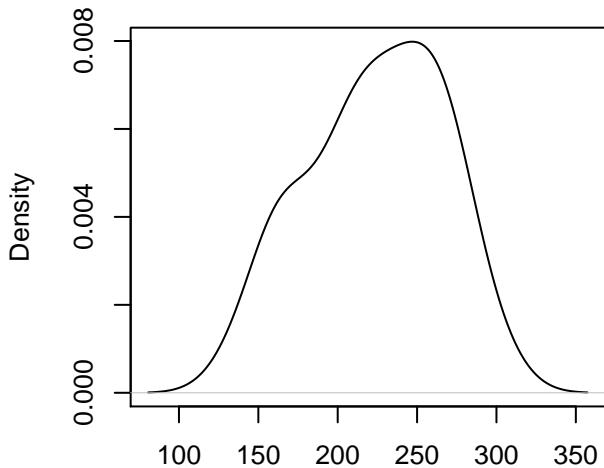
Insert size, N =41  
breakpoint: 26376943 – 26376996 bur-0 zu-0

**Bp = 458 line = MAGIC.183 , Chr = 1**



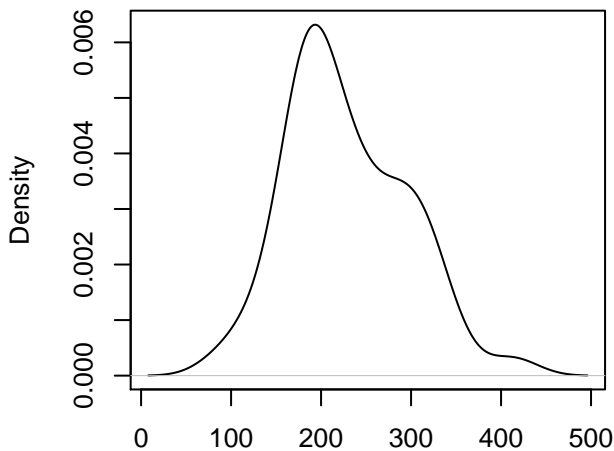
Insert size, N =63  
breakpoint: 26402602 – 26402765 zu-0 hi-0

**Bp = 459 line = MAGIC.183 , Chr = 1**



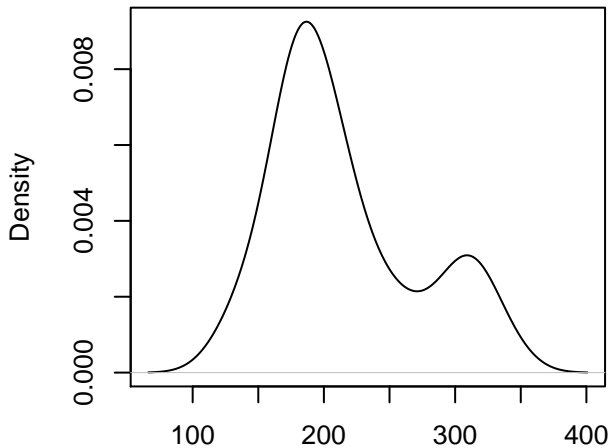
Insert size, N =29  
breakpoint: 26470199 – 26470314 hi-0 edi-0

**Bp = 460 line = MAGIC.183 , Chr = 1**



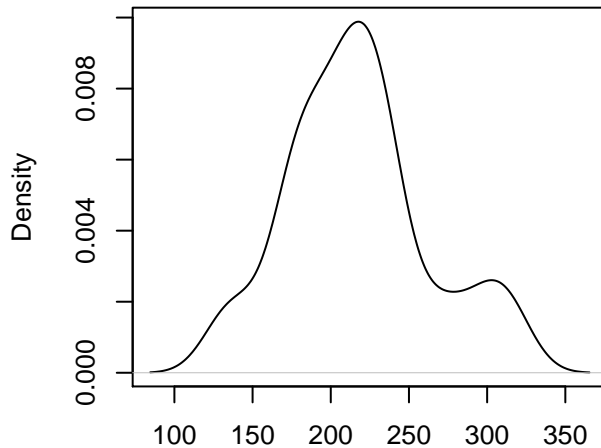
Insert size, N =46  
breakpoint: 26539200 – 26539228 edi-0 zu-0

**Bp = 461 line = MAGIC.183 , Chr = 1**



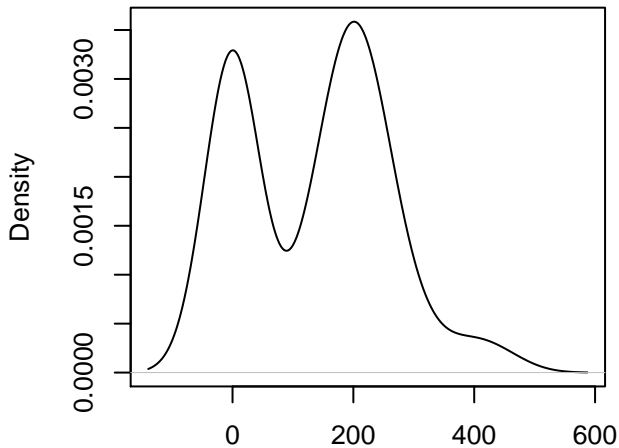
Insert size, N =71  
breakpoint: 26561671 – 26561685 zu-0 sf-2

**Bp = 462 line = MAGIC.183 , Chr = 1**



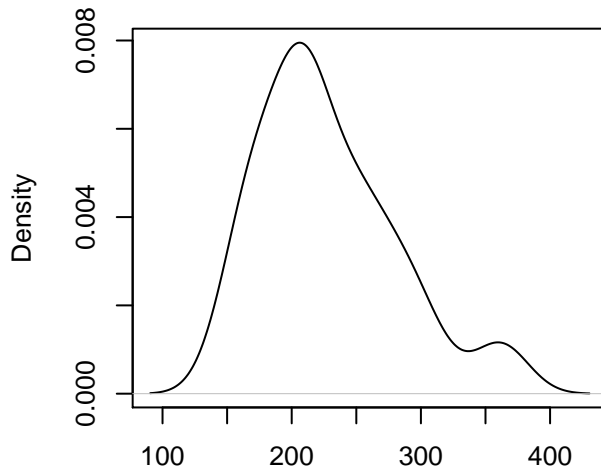
Insert size, N =40  
breakpoint: 26705249 – 26705351 sf-2 bur-0

**Bp = 463 line = MAGIC.183 , Chr = 1**



Insert size, N =68  
breakpoint: 26740950 – 26740973 bur-0 edi-0

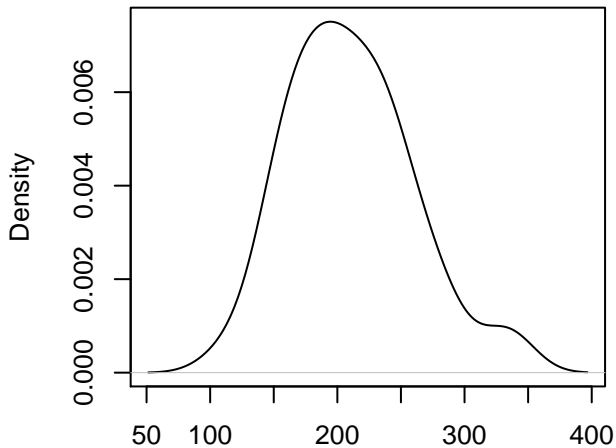
**Bp = 464 line = MAGIC.183 , Chr = 1**



Insert size, N =50  
breakpoint: 26777378 – 26777380 edi-0 ler-0

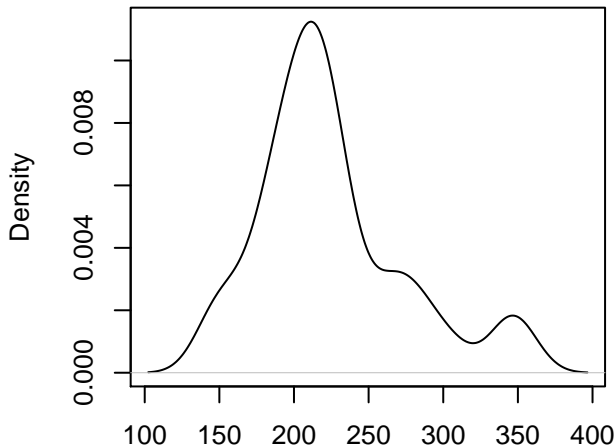


**Bp = 465 line = MAGIC.183 , Chr = 1**



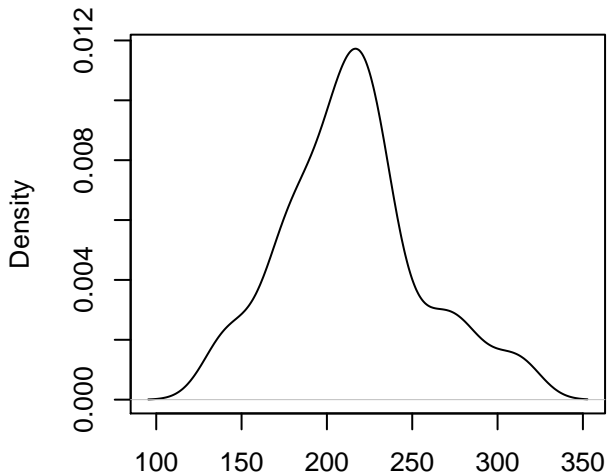
Insert size, N =44  
breakpoint: 26794015 – 26794210 ler-0 kn-0

**Bp = 466 line = MAGIC.183 , Chr = 1**



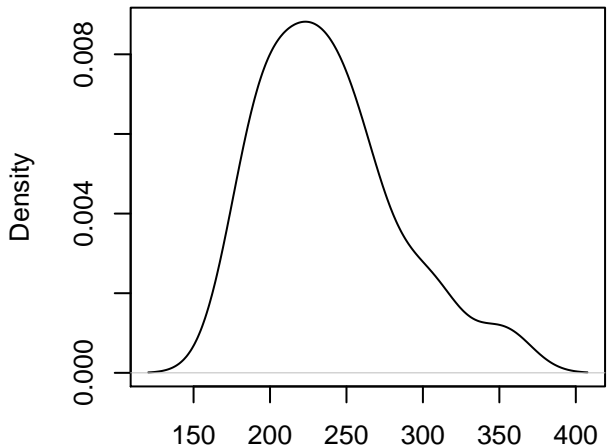
Insert size, N =43  
breakpoint: 26803110 – 26803136 kn-0 hi-0

**Bp = 467 line = MAGIC.183 , Chr = 1**



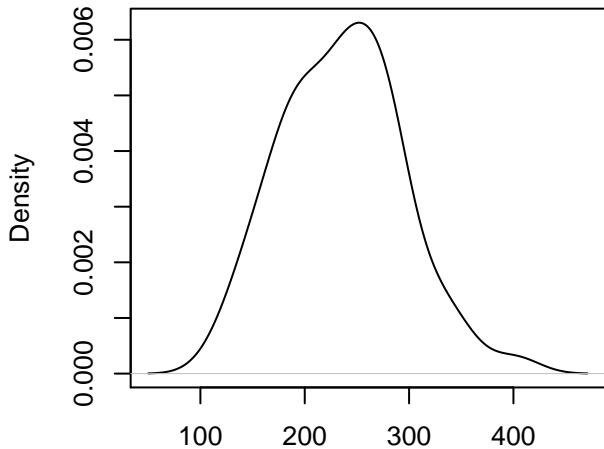
Insert size, N =58  
breakpoint: 26823569 – 26823571 hi-0 ws-0

**Bp = 468 line = MAGIC.183 , Chr = 1**



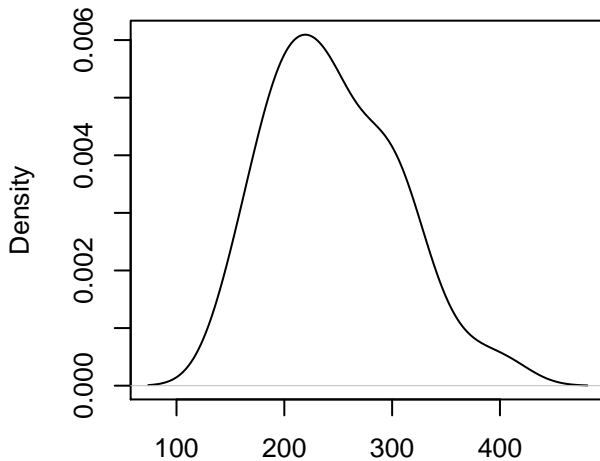
Insert size, N =41  
breakpoint: 26852357 – 26852452 ws-0 ler-0

**Bp = 469 line = MAGIC.183 , Chr = 1**



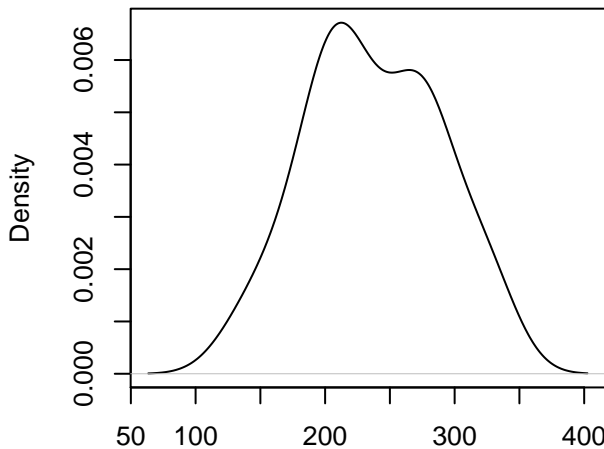
Insert size, N =60  
breakpoint: 26876276 – 26876387 ler-0 oy-0

**Bp = 470 line = MAGIC.183 , Chr = 1**



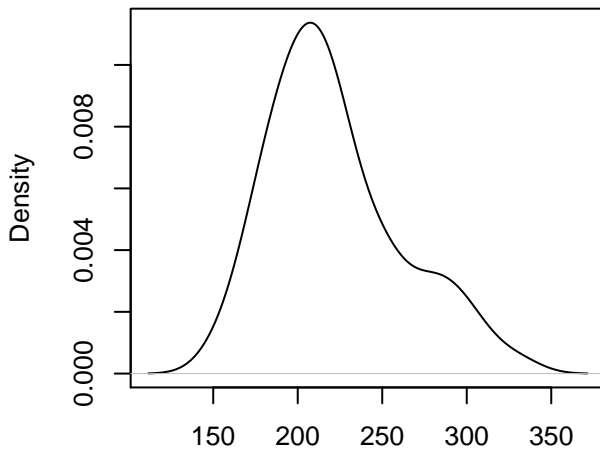
Insert size, N =40  
breakpoint: 27130160 – 27130183 oy-0 ct-1

**Bp = 471 line = MAGIC.183 , Chr = 1**



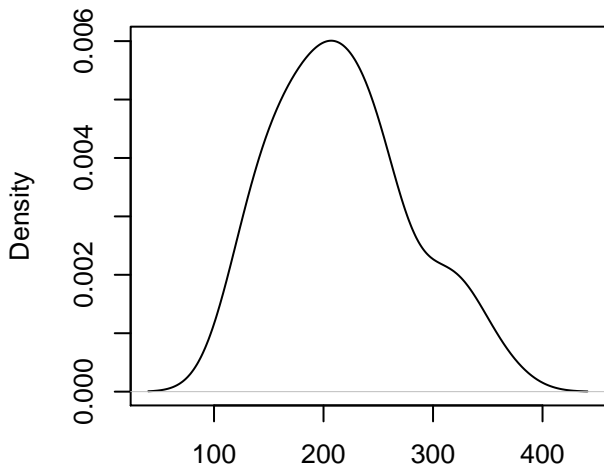
Insert size, N =35  
breakpoint: 27162257 – 27162282 ct-1 edi-0

**Bp = 472 line = MAGIC.183 , Chr = 1**



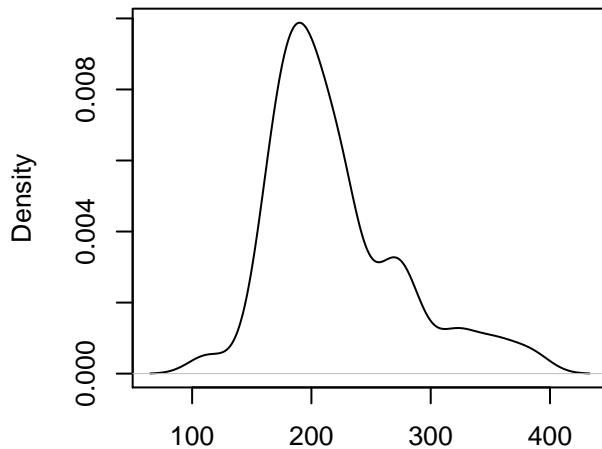
Insert size, N =64  
breakpoint: 27209514 – 27209575 edi-0 oy-0

**Bp = 473 line = MAGIC.183 , Chr = 1**



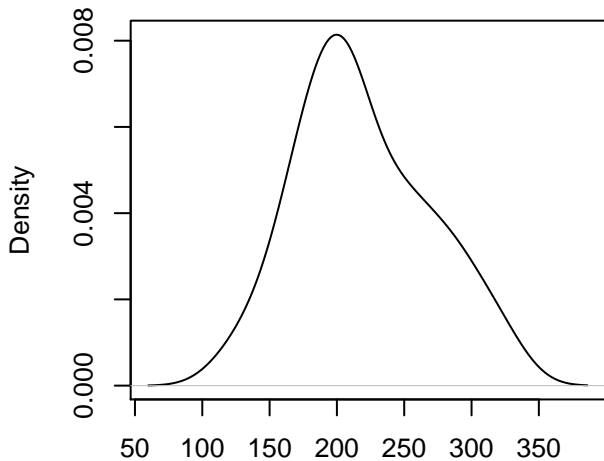
Insert size, N =46  
breakpoint: 27283129 – 27283169 oy-0 tsu-0

**Bp = 474 line = MAGIC.183 , Chr = 1**



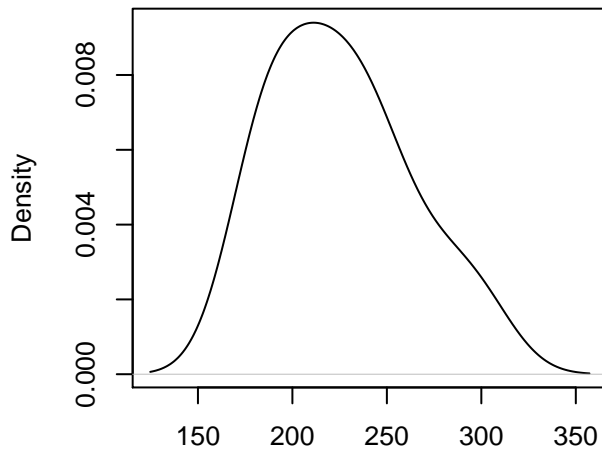
Insert size, N =49  
breakpoint: 27364815 – 27364921 tsu-0 zu-0

**Bp = 475 line = MAGIC.183 , Chr = 1**



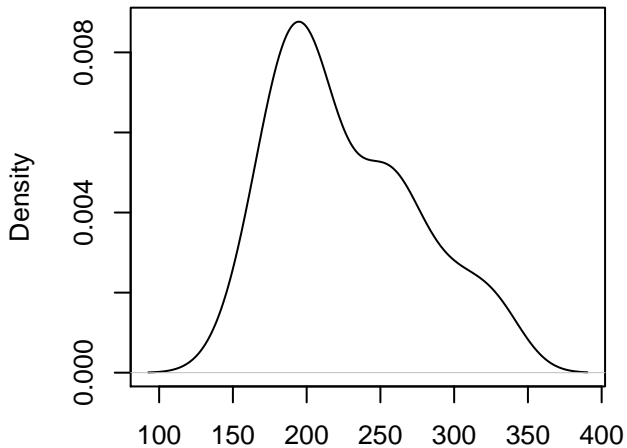
Insert size, N =54  
breakpoint: 27427403 – 27427440 zu-0 rsch-4

**Bp = 476 line = MAGIC.183 , Chr = 1**



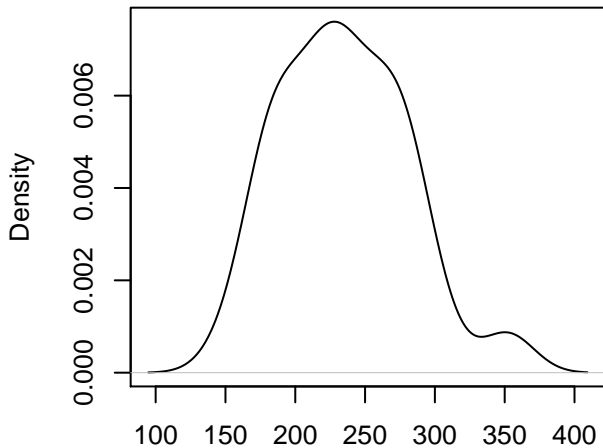
Insert size, N =11  
breakpoint: 27438852 – 27438952 rsch-4 oy-0

**Bp = 477 line = MAGIC.183 , Chr = 1**



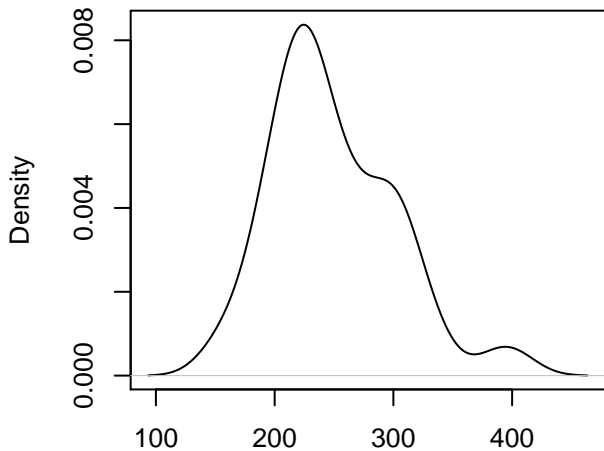
Insert size, N =62  
breakpoint: 27470394 – 27470779 oy-0 kn-0

**Bp = 478 line = MAGIC.183 , Chr = 1**



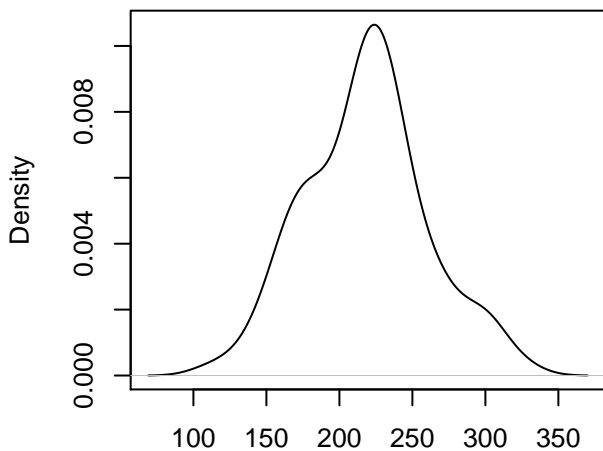
Insert size, N =50  
breakpoint: 27536246 – 27536249 kn-0 po-0

**Bp = 479 line = MAGIC.183 , Chr = 1**



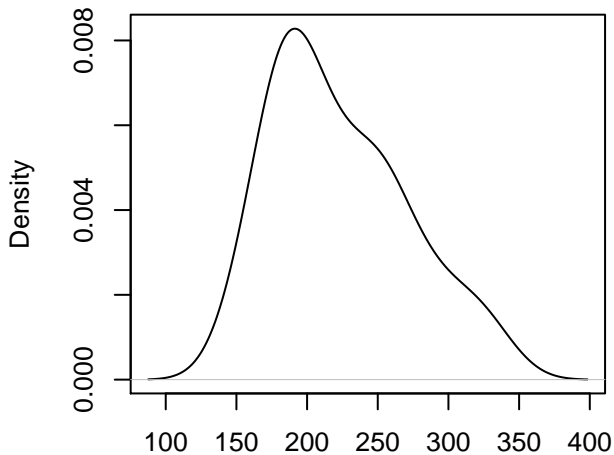
Insert size, N =54  
breakpoint: 27644853 – 27644876 po-0 sf-2

**Bp = 480 line = MAGIC.183 , Chr = 1**



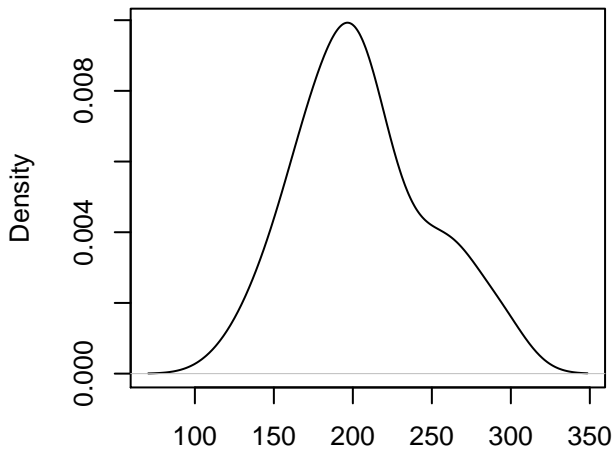
Insert size, N =102  
breakpoint: 27765325 – 27765390 sf-2 col-0

**Bp = 481 line = MAGIC.183 , Chr = 1**



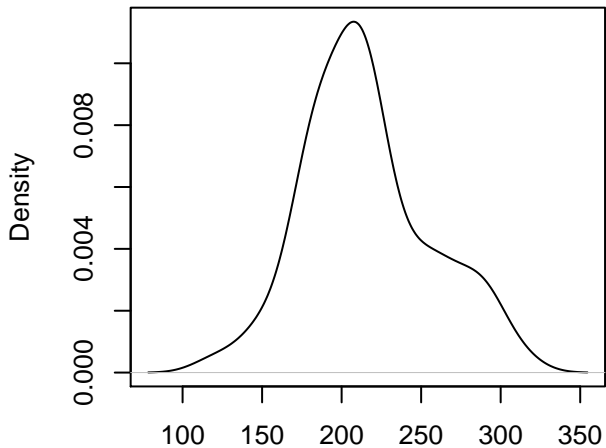
Insert size, N =51  
breakpoint: 27837291 – 27837376 col-0 edi-0

**Bp = 482 line = MAGIC.183 , Chr = 1**



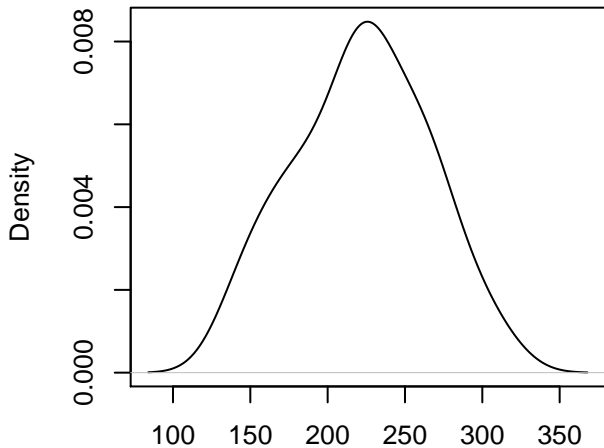
Insert size, N =49  
breakpoint: 27870953 – 27870977 edi-0 bur-0

**Bp = 484 line = MAGIC.183 , Chr = 1**



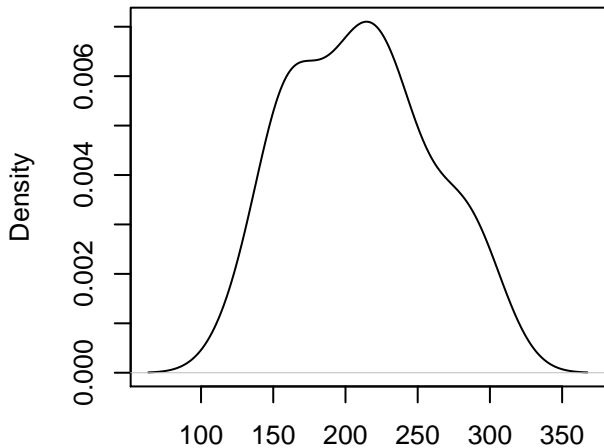
Insert size, N =62  
breakpoint: 27908558 – 27908559 no-0 zu-0

**Bp = 485 line = MAGIC.183 , Chr = 1**



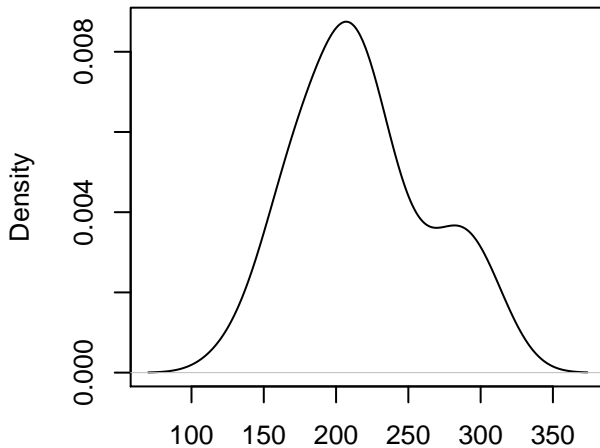
Insert size, N =53  
breakpoint: 28052775 – 28053189 zu-0 tsu-0

**Bp = 486 line = MAGIC.183 , Chr = 1**



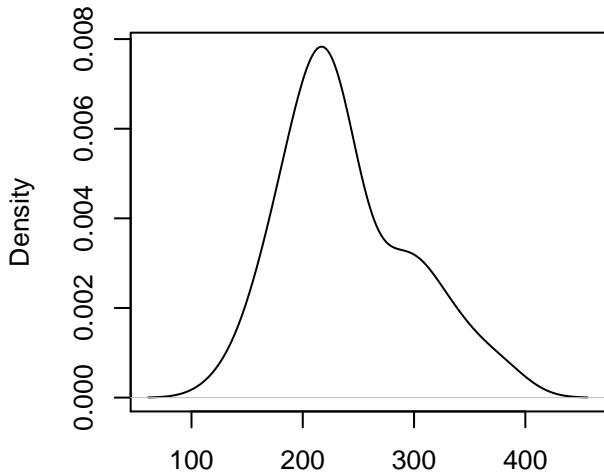
Insert size, N =45  
breakpoint: 28131312 – 28131330 tsu-0 col-0

**Bp = 487 line = MAGIC.183 , Chr = 1**



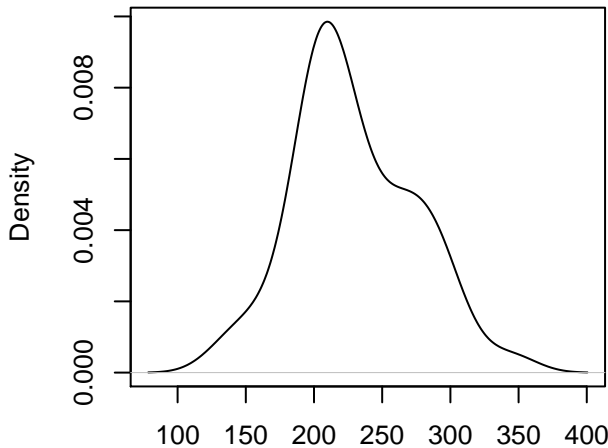
Insert size, N =50  
breakpoint: 28377884 – 28377909 col-0 rsch-4

**Bp = 488 line = MAGIC.183 , Chr = 1**



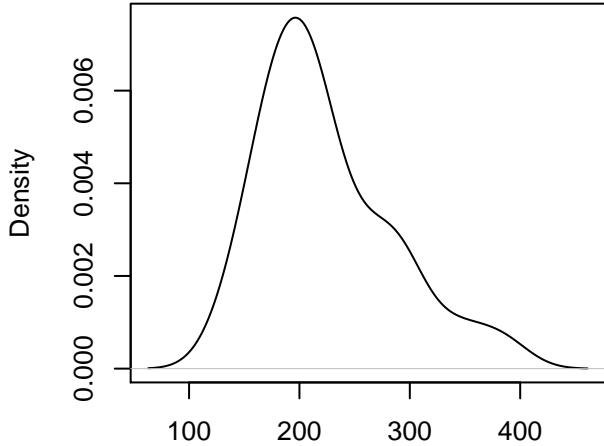
Insert size, N =47  
breakpoint: 28393733 – 28393745 rsch-4 edi-0

**Bp = 489 line = MAGIC.183 , Chr = 1**



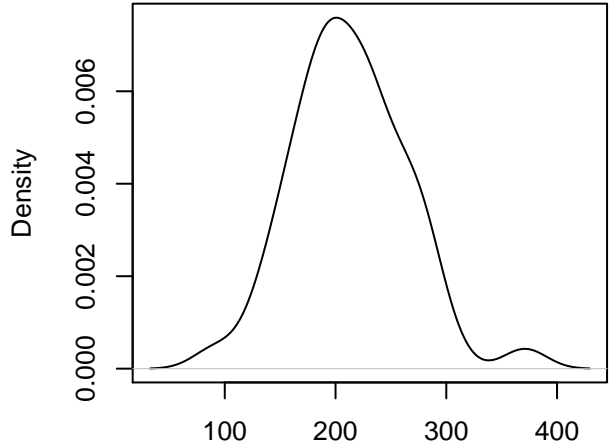
Insert size, N =46  
breakpoint: 28427750 – 28427959 edi-0 ct-1

**Bp = 490 line = MAGIC.183 , Chr = 1**



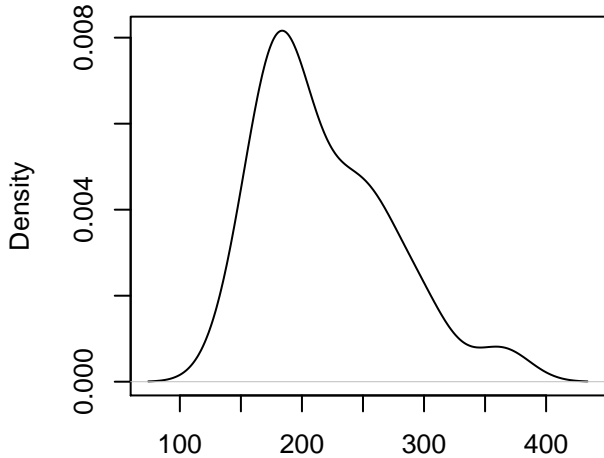
Insert size, N =48  
breakpoint: 28444704 – 28444752 ct-1 tsu-0

**Bp = 491 line = MAGIC.183 , Chr = 1**



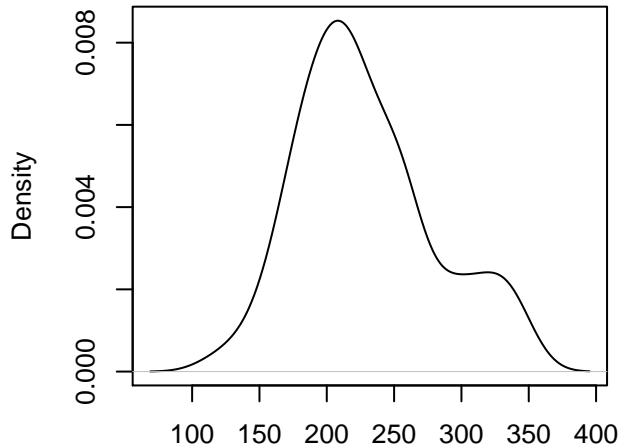
Insert size, N =48  
breakpoint: 28507995 – 28508032 tsu-0 no-0

**Bp = 492 line = MAGIC.183 , Chr = 1**



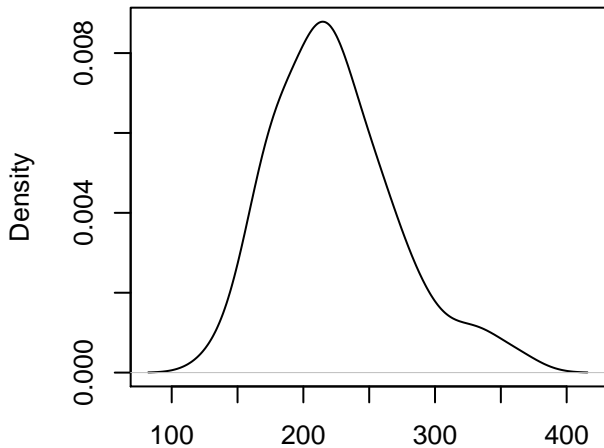
Insert size, N =46  
breakpoint: 28539640 – 28539821 no-0 ler-0

**Bp = 493 line = MAGIC.183 , Chr = 1**



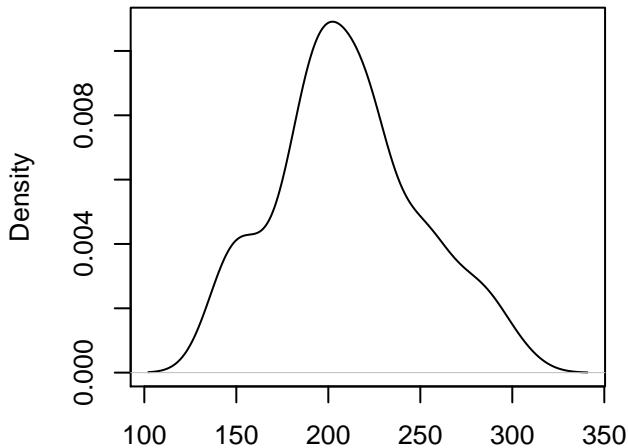
Insert size, N =73  
breakpoint: 28607131 – 28607158 ler-0 sf-2

**Bp = 494 line = MAGIC.183 , Chr = 1**



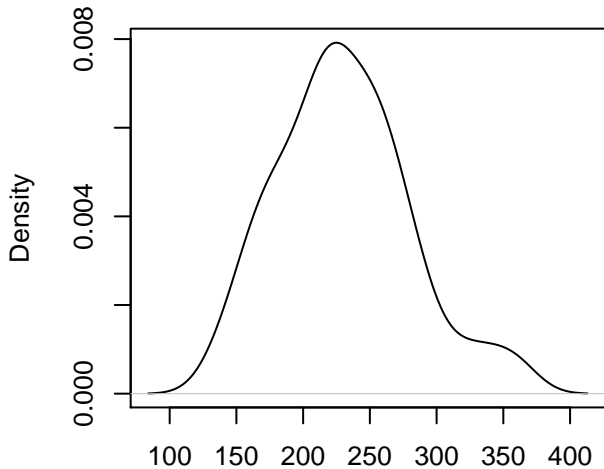
Insert size, N =56  
breakpoint: 28713668 – 28713735 sf-2 edi-0

**Bp = 495 line = MAGIC.183 , Chr = 1**



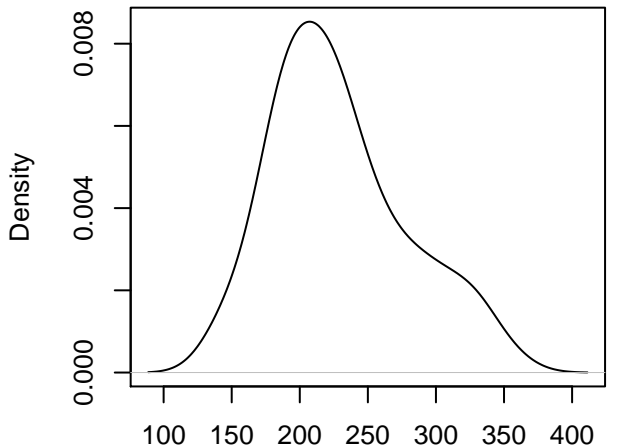
Insert size, N =55  
breakpoint: 28800158 – 28800274 edi-0 can-0

**Bp = 496 line = MAGIC.183 , Chr = 1**



Insert size, N =64  
breakpoint: 28804770 – 28805132 can-0 tsu-0

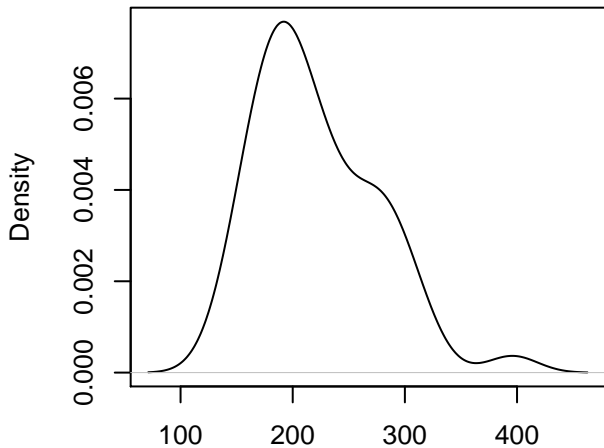
**Bp = 497 line = MAGIC.183 , Chr = 1**



Insert size, N =82  
breakpoint: 28858127 – 28858142 tsu-0 bur-0

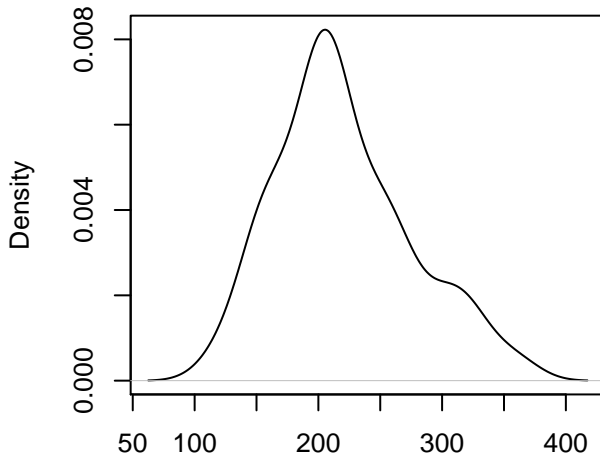


**Bp = 498 line = MAGIC.183 , Chr = 1**



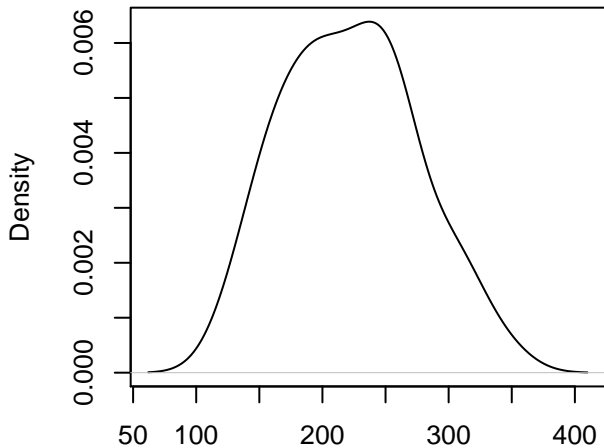
Insert size, N =49  
breakpoint: 28880330 – 28880532 bur-0 oy-0

**Bp = 499 line = MAGIC.183 , Chr = 1**



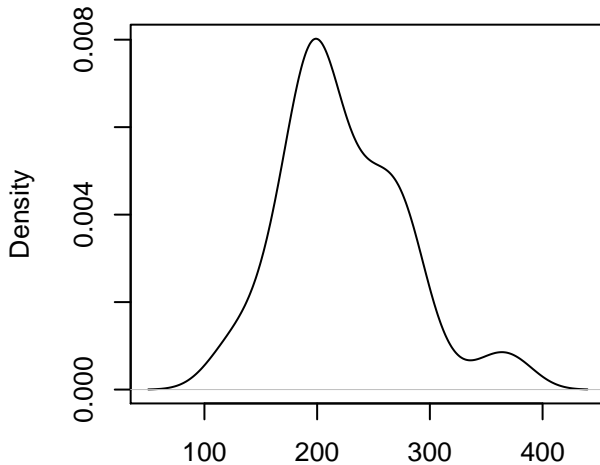
Insert size, N =41  
breakpoint: 28927485 – 28927555 oy-0 po-0

**Bp = 500 line = MAGIC.183 , Chr = 1**



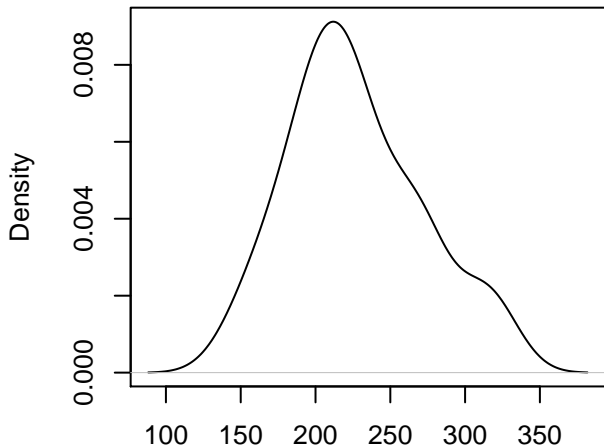
Insert size, N =46  
breakpoint: 29134283 – 29134284 po-0 oy-0

**Bp = 501 line = MAGIC.183 , Chr = 1**



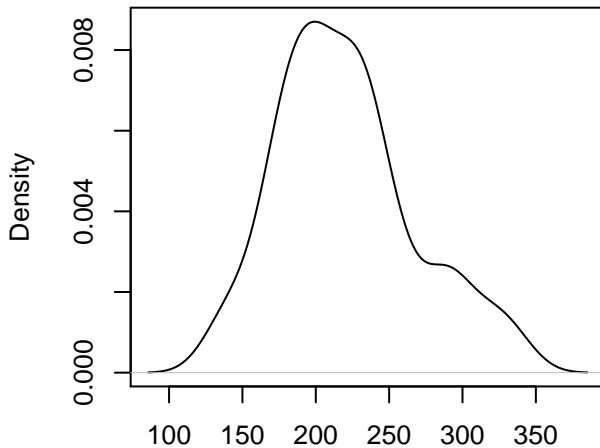
Insert size, N =80  
breakpoint: 29205842 – 29205911 oy-0 sf-2

**Bp = 502 line = MAGIC.183 , Chr = 1**



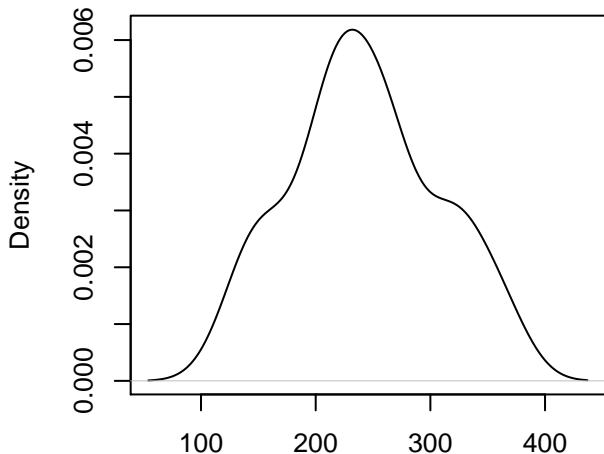
Insert size, N =53  
breakpoint: 29217780 – 29218006 sf-2 zu-0

**Bp = 503 line = MAGIC.183 , Chr = 1**



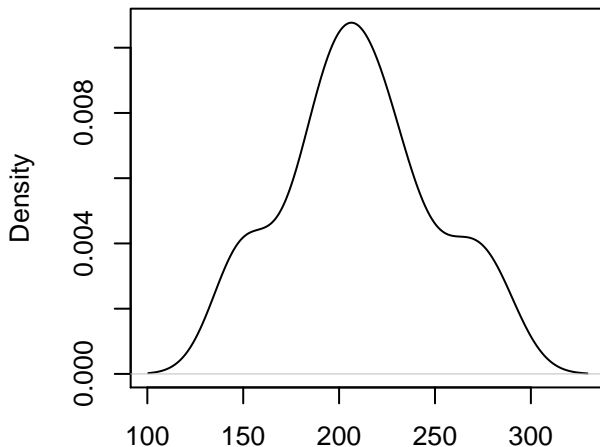
Insert size, N =51  
breakpoint: 29339181 – 29339232 zu-0 ws-0

**Bp = 504 line = MAGIC.183 , Chr = 1**



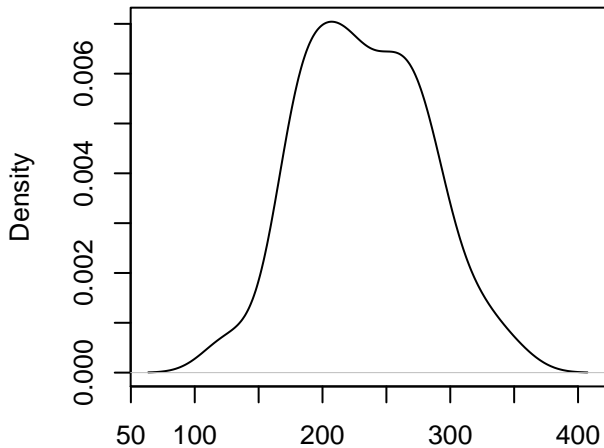
Insert size, N =28  
breakpoint: 29385712 – 29385799 ws-0 sf-2

**Bp = 505 line = MAGIC.183 , Chr = 1**



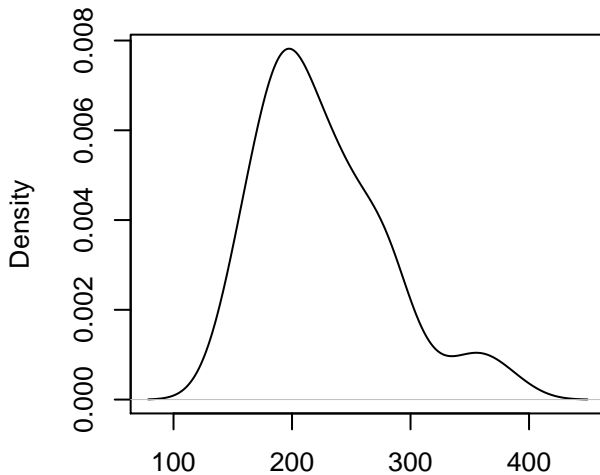
Insert size, N =35  
breakpoint: 29466232 – 29466333 sf-2 hi-0

**Bp = 506 line = MAGIC.183 , Chr = 1**



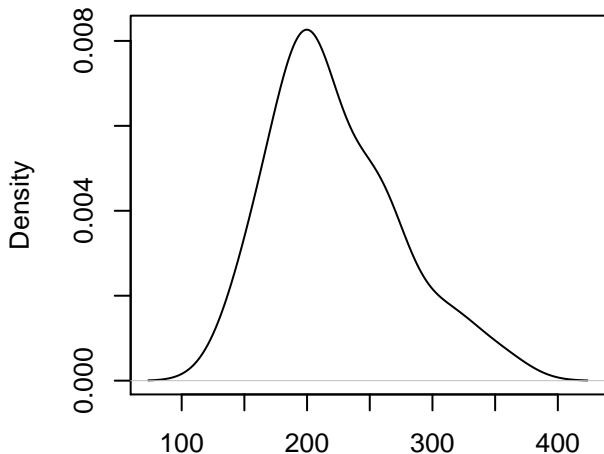
Insert size, N =62  
breakpoint: 29610856 – 29610942 hi-0 ler-0

**Bp = 507 line = MAGIC.183 , Chr = 1**



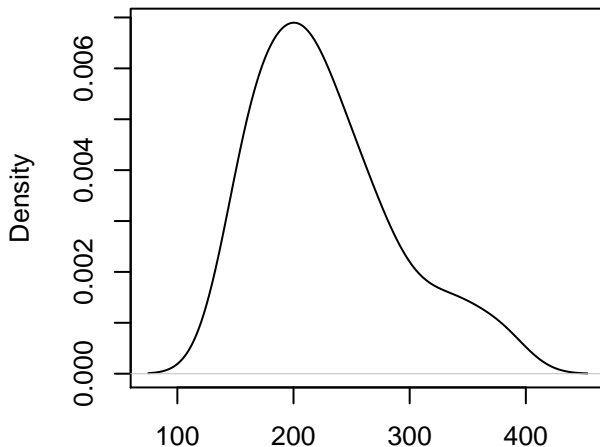
Insert size, N =66  
breakpoint: 29624838 – 29624915 ler-0 can-0

**Bp = 508 line = MAGIC.183 , Chr = 1**



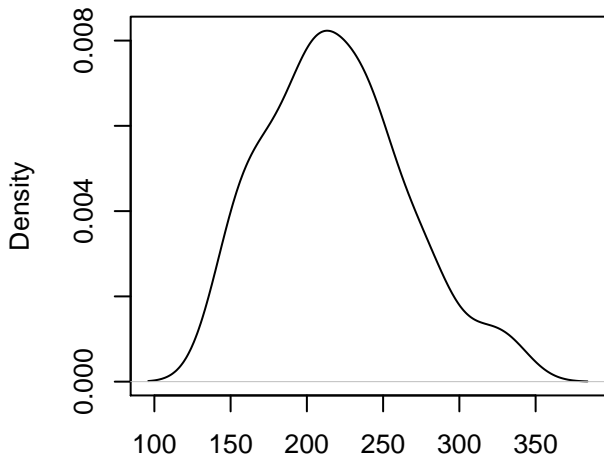
Insert size, N =40  
breakpoint: 29633471 – 29633638 can-0 ler-0

**Bp = 509 line = MAGIC.183 , Chr = 1**



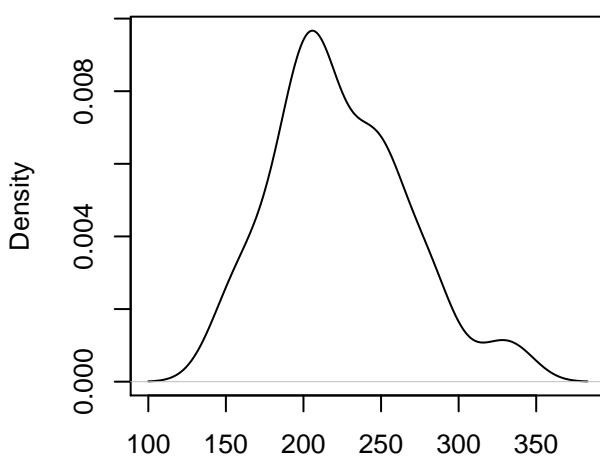
Insert size, N =61  
breakpoint: 29655313 – 29655329 ler-0 bur-0

**Bp = 510 line = MAGIC.183 , Chr = 1**



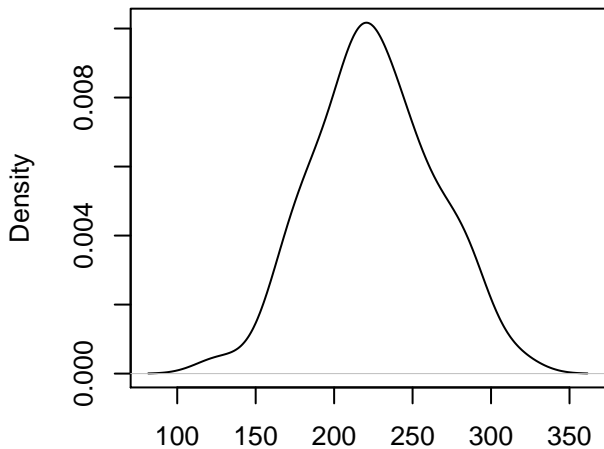
Insert size, N =86  
breakpoint: 29872717 – 29872832 bur-0 wu-0

**Bp = 511 line = MAGIC.183 , Chr = 1**



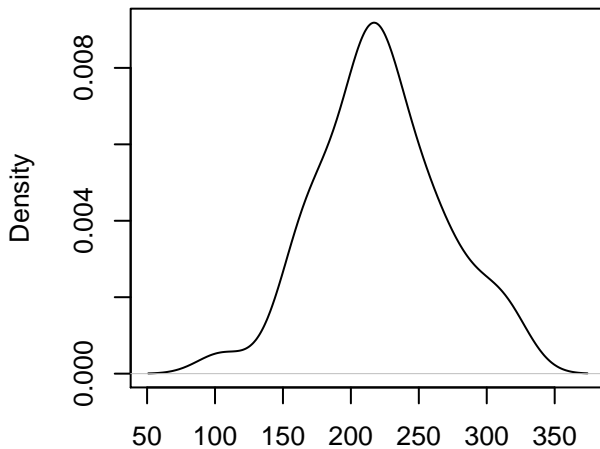
Insert size, N =61  
breakpoint: 29968118 – 29968141 wu-0 bur-0

**Bp = 512 line = MAGIC.183 , Chr = 1**



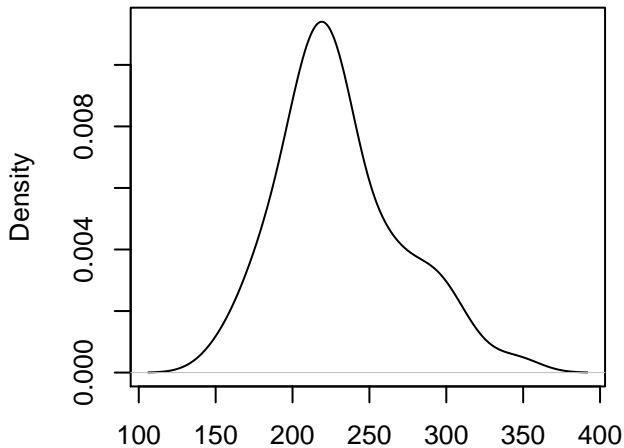
Insert size, N =59  
breakpoint: 30190536 – 30190537 bur-0 edi-0

**Bp = 513 line = MAGIC.183 , Chr = 1**



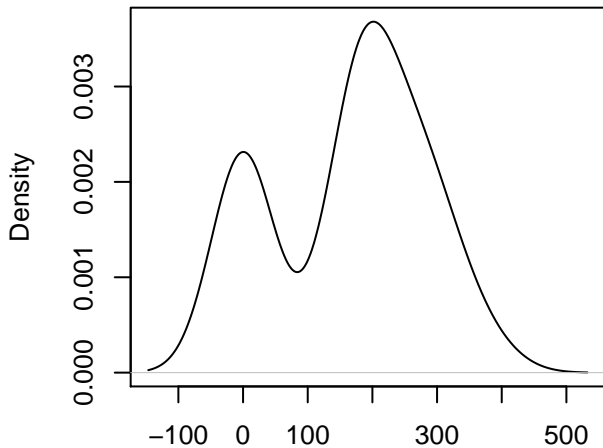
Insert size, N =42  
breakpoint: 30280912 – 30280973 edi-0 rsch-4

**Bp = 514 line = MAGIC.183 , Chr = 2**



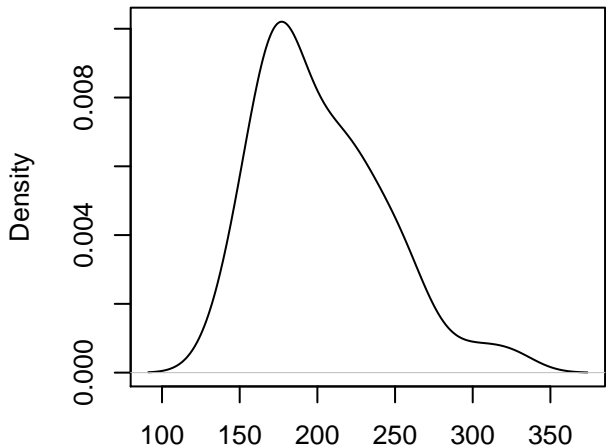
Insert size, N =58  
breakpoint: 90361 – 90412 oy-0 rsch-4

**Bp = 515 line = MAGIC.183 , Chr = 2**



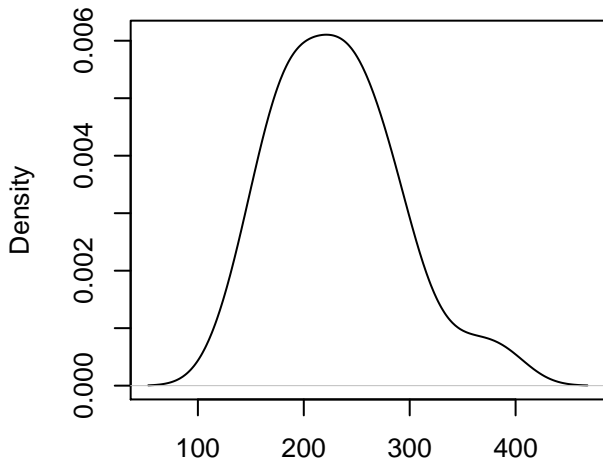
Insert size, N =46  
breakpoint: 146471 – 146479 rsch-4 col-0

**Bp = 516 line = MAGIC.183 , Chr = 2**



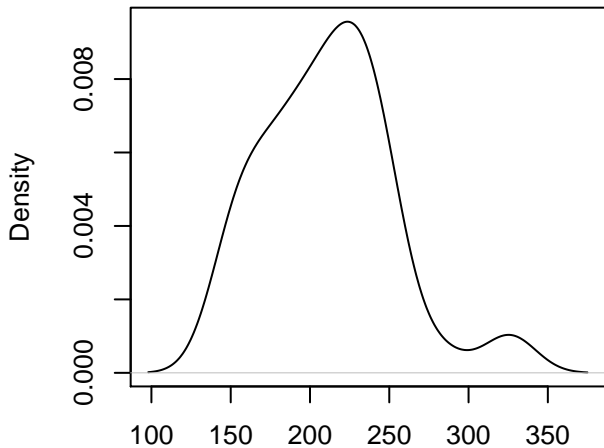
Insert size, N =45  
breakpoint: 161190 – 161202 col-0 kn-0

**Bp = 517 line = MAGIC.183 , Chr = 2**



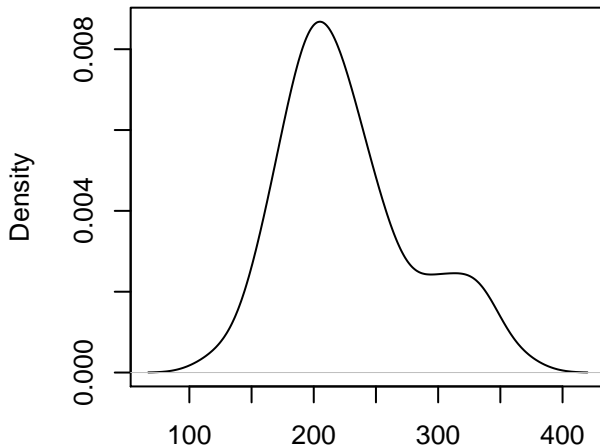
Insert size, N =46  
breakpoint: 178434 – 178445 kn-0 edi-0

**Bp = 518 line = MAGIC.183 , Chr = 2**



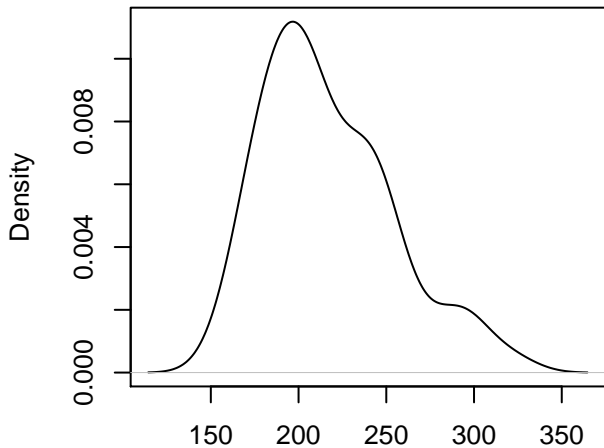
Insert size, N =48  
breakpoint: 234958 – 234989 edi-0 ct-1

**Bp = 519 line = MAGIC.183 , Chr = 2**



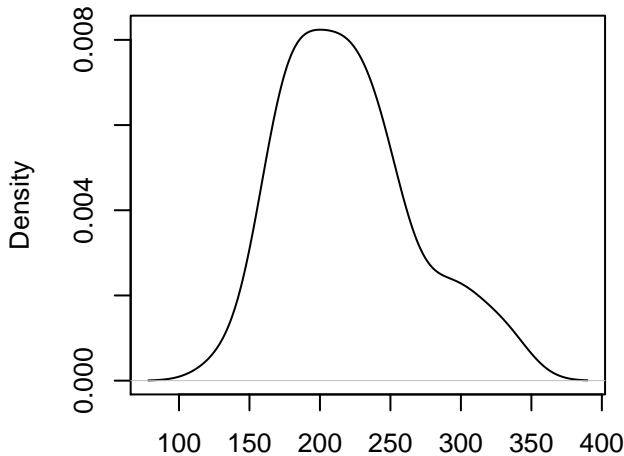
Insert size, N =80  
breakpoint: 279252 – 279270 ct-1 no-0

**Bp = 520 line = MAGIC.183 , Chr = 2**



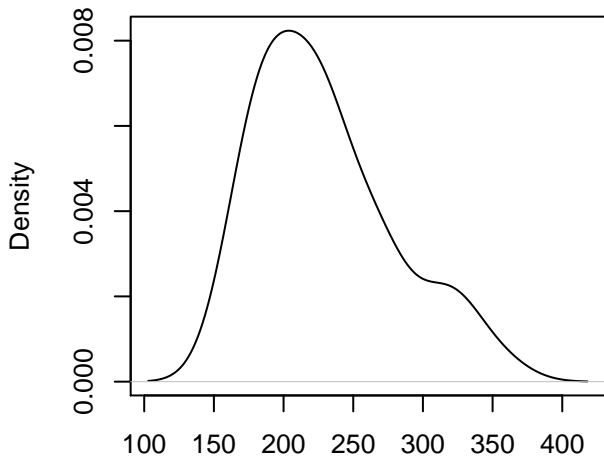
Insert size, N =63  
breakpoint: 347274 – 347275 no-0 wil-2

**Bp = 521 line = MAGIC.183 , Chr = 2**



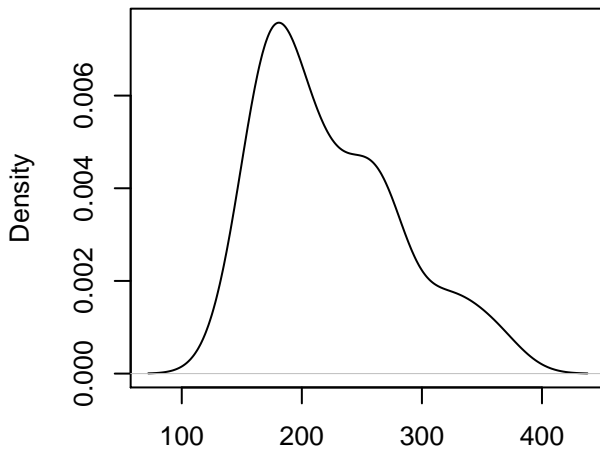
Insert size, N =48  
breakpoint: 361618 – 361815 wil-2 rsch-4

**Bp = 522 line = MAGIC.183 , Chr = 2**



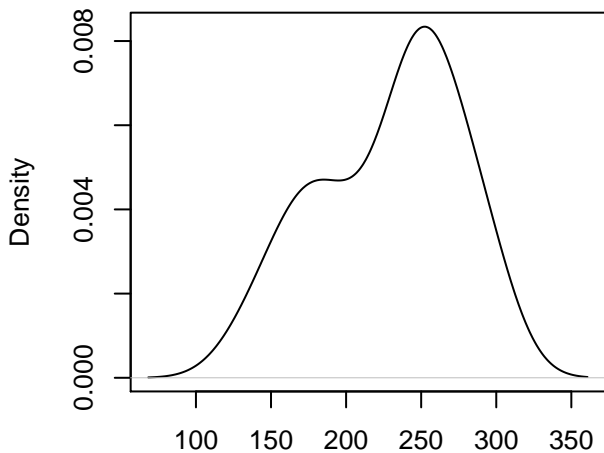
Insert size, N =41  
breakpoint: 369234 - 369266 rsch-4 ler-0

**Bp = 523 line = MAGIC.183 , Chr = 2**



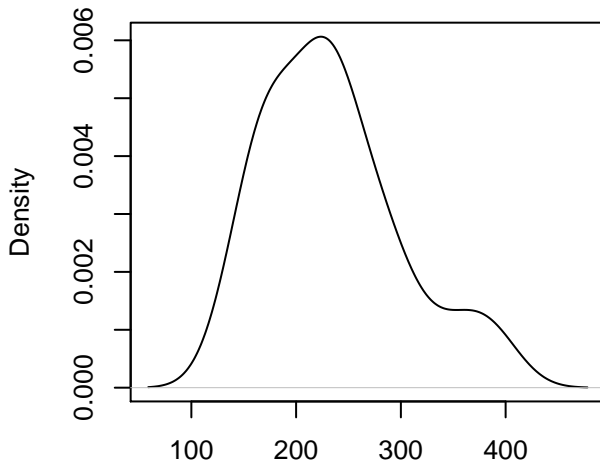
Insert size, N =59  
breakpoint: 398959 - 398993 ler-0 sf-2

**Bp = 524 line = MAGIC.183 , Chr = 2**



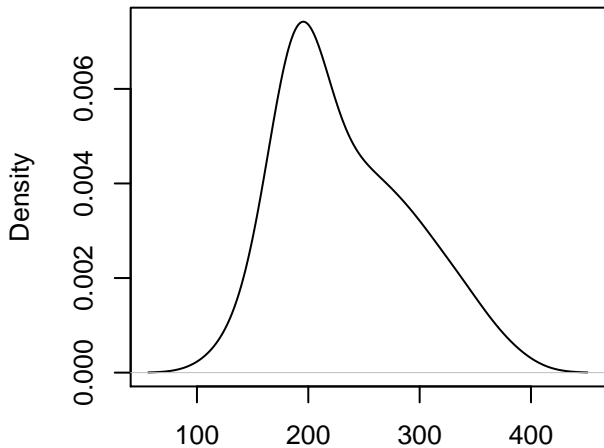
Insert size, N =28  
breakpoint: 423121 - 423123 sf-2 wu-0

**Bp = 525 line = MAGIC.183 , Chr = 2**



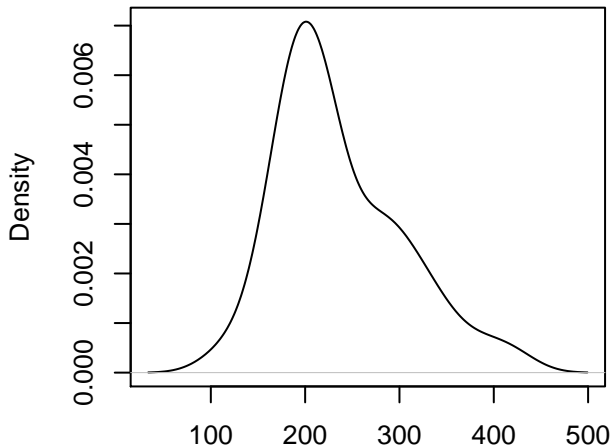
Insert size, N =49  
breakpoint: 482861 - 482876 wu-0 mt-0

**Bp = 526 line = MAGIC.183 , Chr = 2**



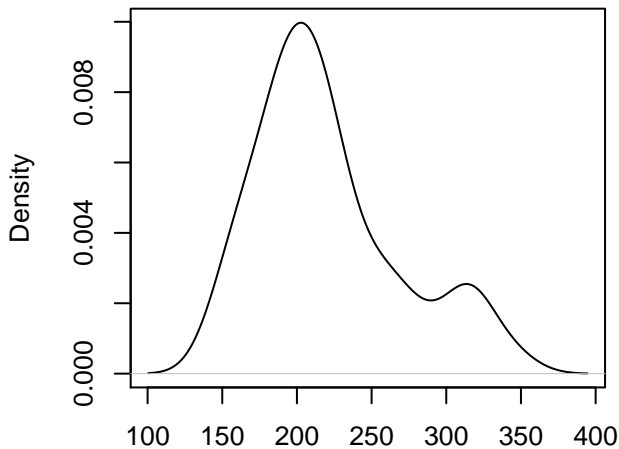
Insert size, N =44  
breakpoint: 506732 – 506733 mt-0 zu-0

**Bp = 527 line = MAGIC.183 , Chr = 2**



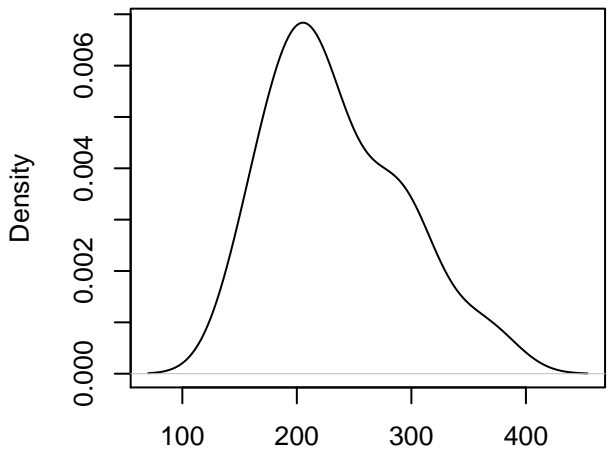
Insert size, N =39  
breakpoint: 598073 – 598076 zu-0 sf-2

**Bp = 528 line = MAGIC.183 , Chr = 2**



Insert size, N =51  
breakpoint: 607072 – 607081 sf-2 rsch-4

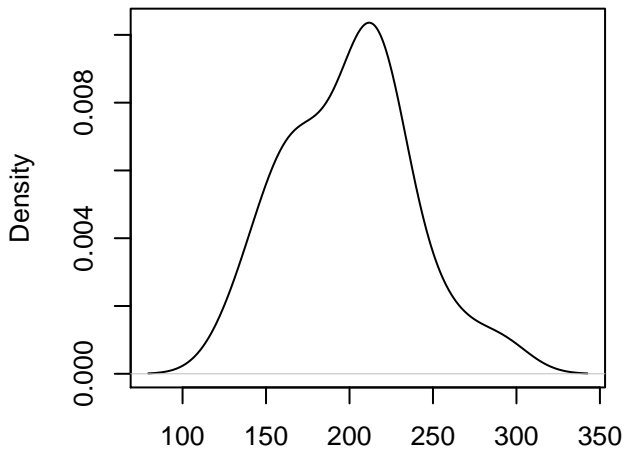
**Bp = 529 line = MAGIC.183 , Chr = 2**



Insert size, N =34  
breakpoint: 715603 – 715645 rsch-4 ct-1

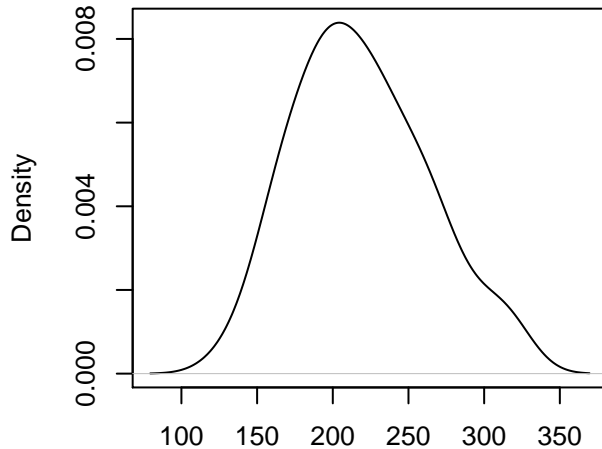


**Bp = 530 line = MAGIC.183 , Chr = 2**



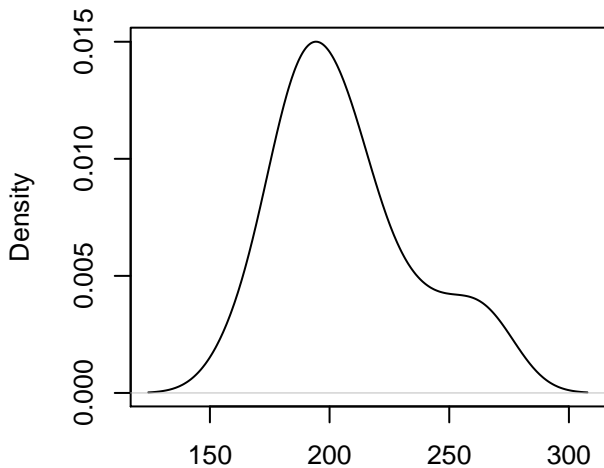
Insert size, N =24  
breakpoint: 732320 – 732359 ct-1 rsch-4

**Bp = 531 line = MAGIC.183 , Chr = 2**



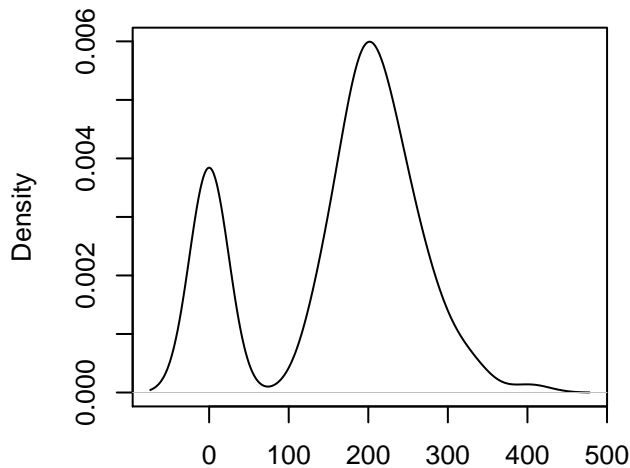
Insert size, N =58  
breakpoint: 760214 – 760232 rsch-4 sf-2

**Bp = 532 line = MAGIC.183 , Chr = 2**



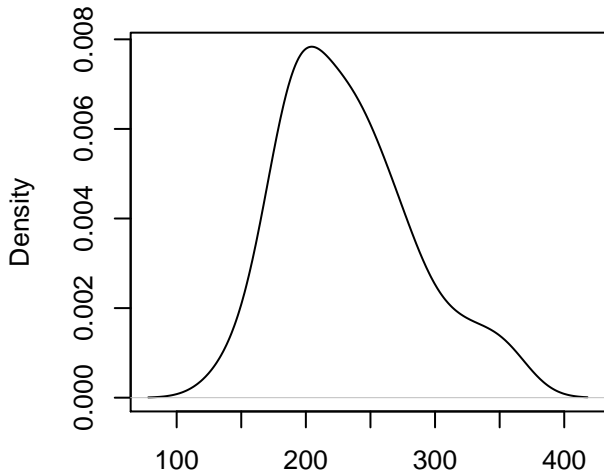
Insert size, N =16  
breakpoint: 785958 – 785982 sf-2 ws-0

**Bp = 533 line = MAGIC.183 , Chr = 2**



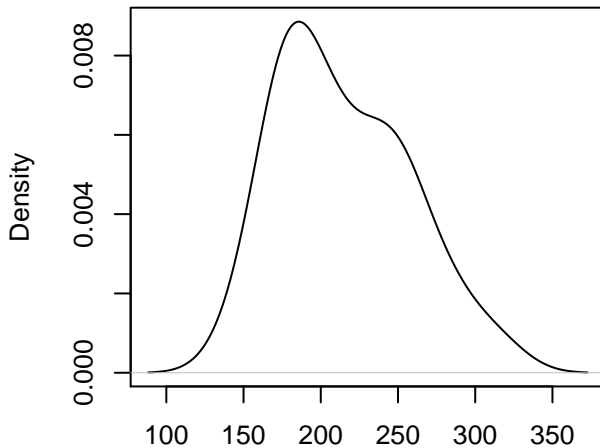
Insert size, N =122  
breakpoint: 797399 – 797454 ws-0 edi-0

**Bp = 534 line = MAGIC.183 , Chr = 2**



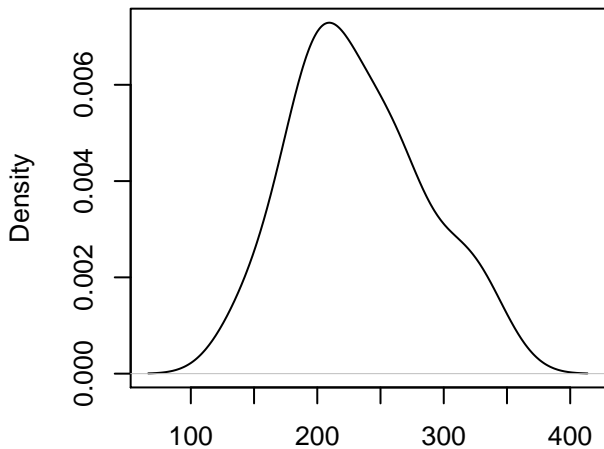
Insert size, N =38  
breakpoint: 916516 – 916539 edi-0 hi-0

**Bp = 535 line = MAGIC.183 , Chr = 2**



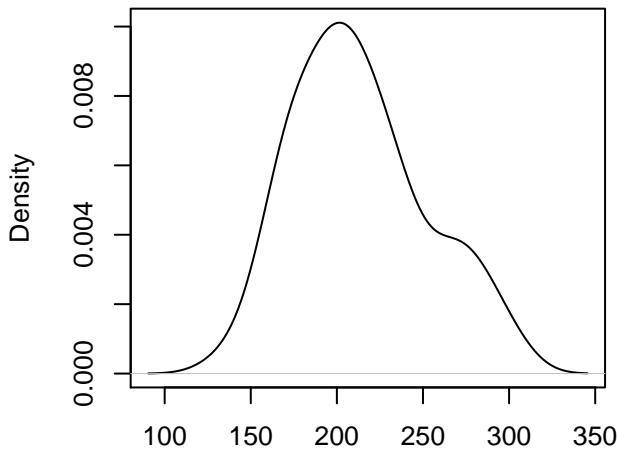
Insert size, N =28  
breakpoint: 979763 – 979775 hi-0 po-0

**Bp = 536 line = MAGIC.183 , Chr = 2**



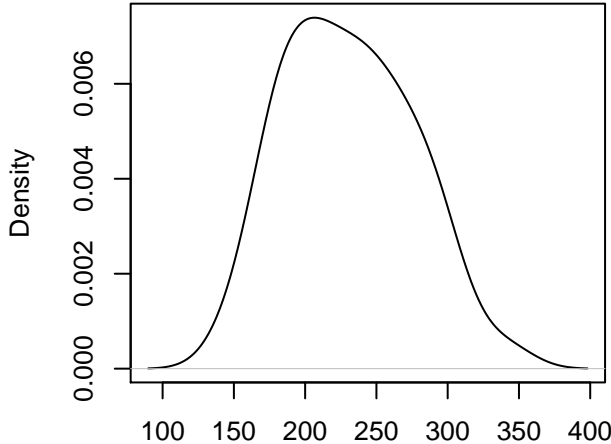
Insert size, N =46  
breakpoint: 1024531 – 1024547 po-0 tsu-0

**Bp = 537 line = MAGIC.183 , Chr = 2**



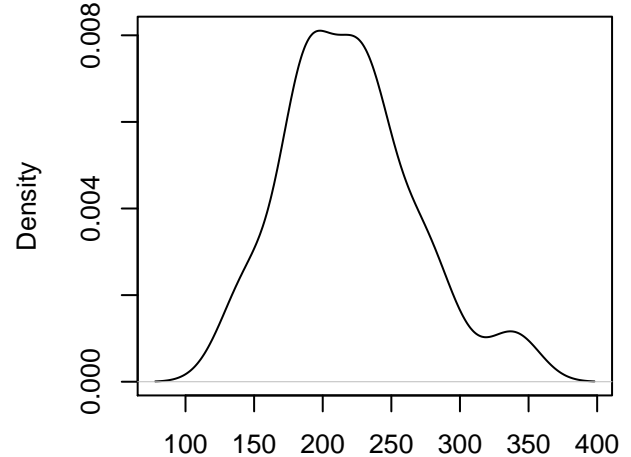
Insert size, N =79  
breakpoint: 1031721 – 1031730 tsu-0 zu-0

**Bp = 538 line = MAGIC.183 , Chr = 2**



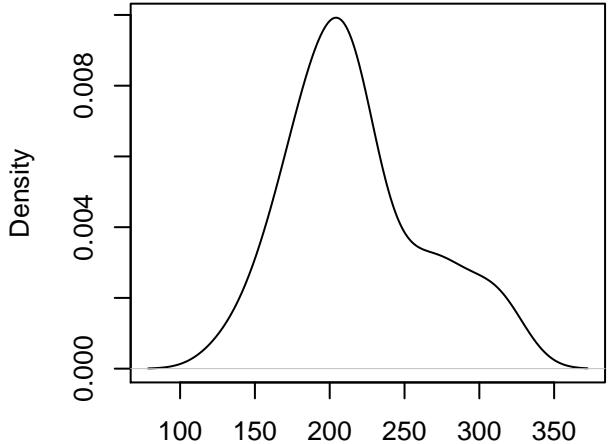
Insert size, N =48  
breakpoint: 1054891 – 1055025 zu-0 edi-0

**Bp = 539 line = MAGIC.183 , Chr = 2**



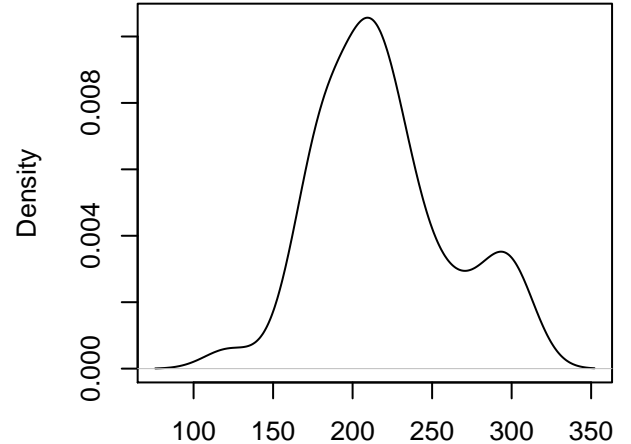
Insert size, N =38  
breakpoint: 1075036 – 1075062 edi-0 zu-0

**Bp = 540 line = MAGIC.183 , Chr = 2**



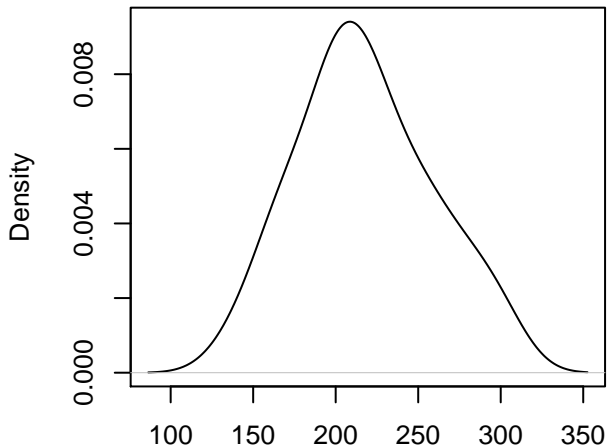
Insert size, N =39  
breakpoint: 1091918 – 1091943 zu-0 col-0

**Bp = 541 line = MAGIC.183 , Chr = 2**



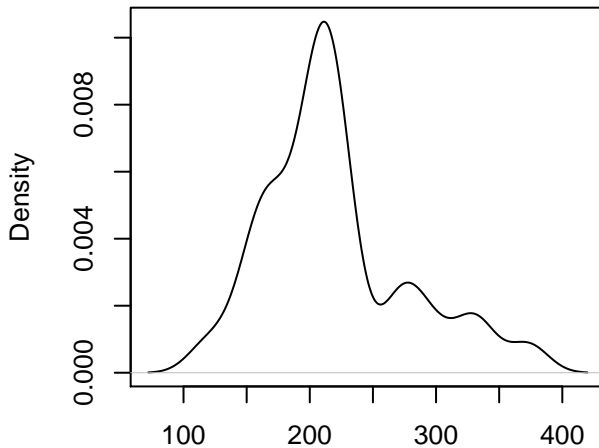
Insert size, N =45  
breakpoint: 1123671 – 1123680 col-0 edi-0

**Bp = 542 line = MAGIC.183 , Chr = 2**



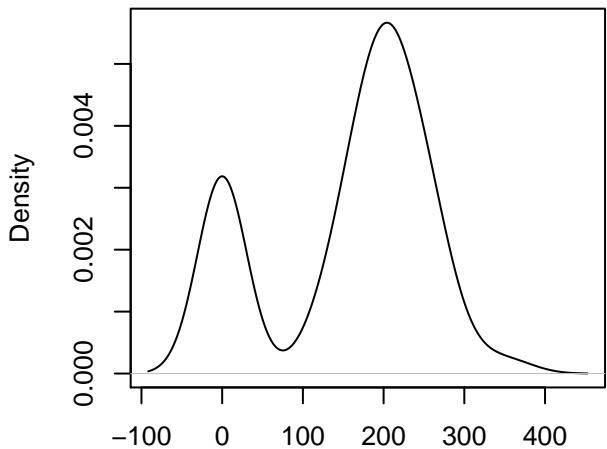
Insert size, N =38  
breakpoint: 1141543 – 1141576 edi-0 hi-0

**Bp = 543 line = MAGIC.183 , Chr = 2**



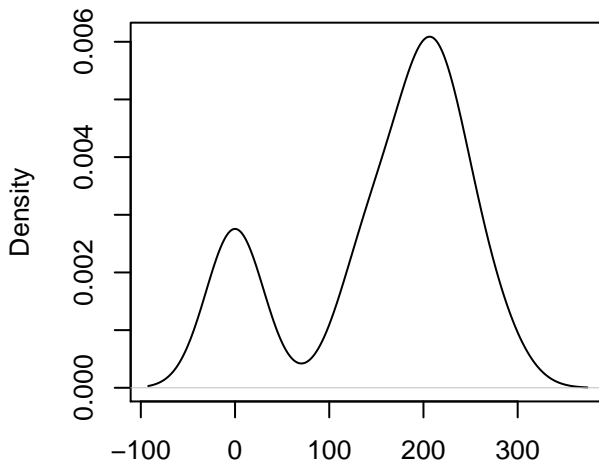
Insert size, N =30  
breakpoint: 1160430 – 1160443 hi-0 no-0

**Bp = 544 line = MAGIC.183 , Chr = 2**



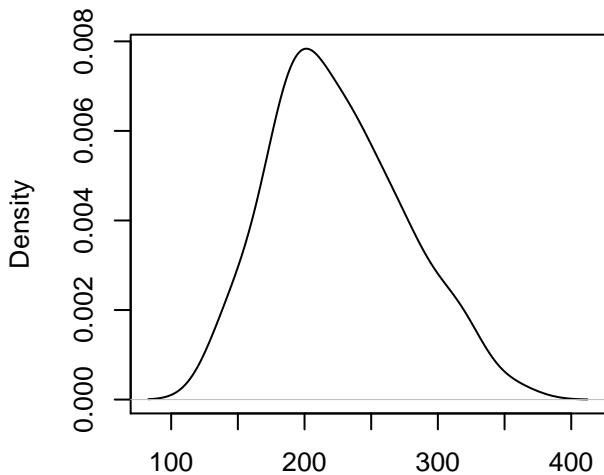
Insert size, N =82  
breakpoint: 1168310 – 1168348 no-0 wu-0

**Bp = 545 line = MAGIC.183 , Chr = 2**



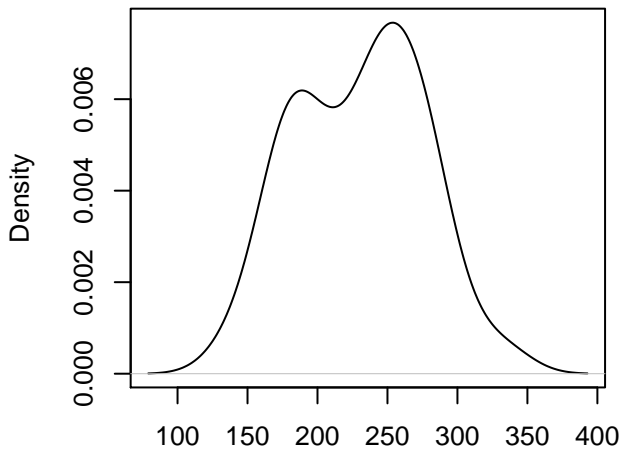
Insert size, N =33  
breakpoint: 1276443 – 1276444 wu-0 edi-0

**Bp = 546 line = MAGIC.183 , Chr = 2**



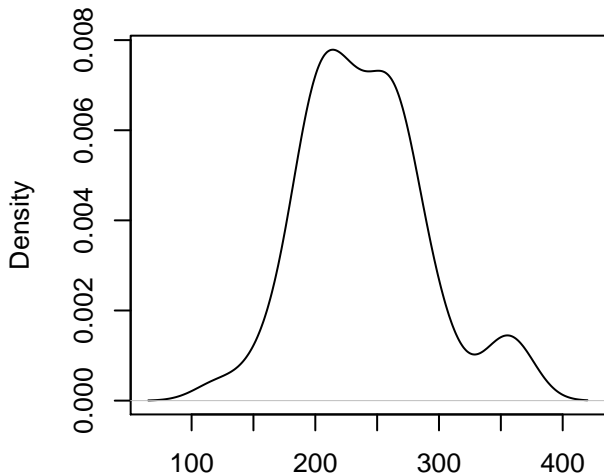
Insert size, N =74  
breakpoint: 1335826 – 1335835 edi-0 ler-0

**Bp = 547 line = MAGIC.183 , Chr = 2**



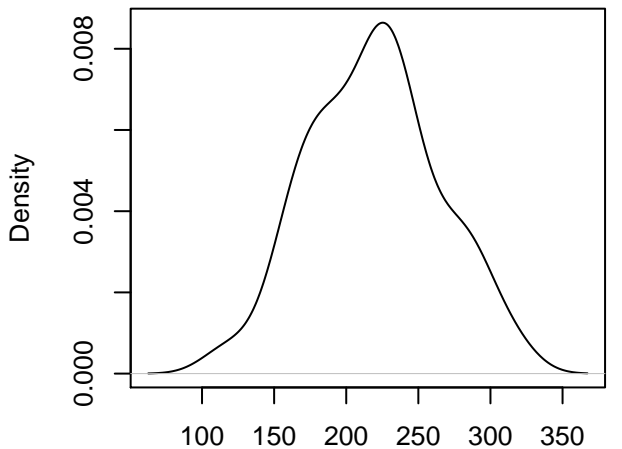
Insert size, N =37  
breakpoint: 1348796 – 1350316 ler-0 hi-0

**Bp = 548 line = MAGIC.183 , Chr = 2**



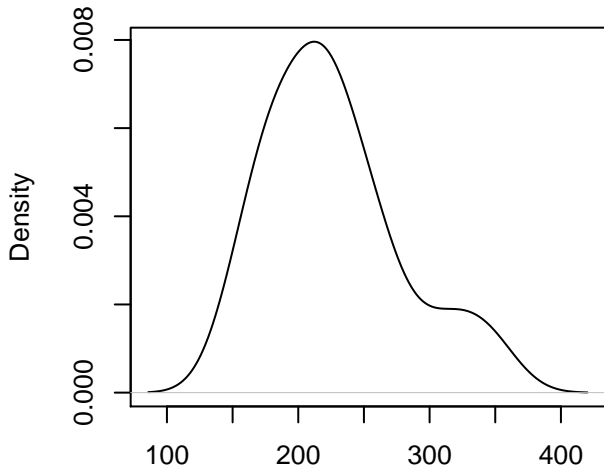
Insert size, N =55  
breakpoint: 1382809 – 1382885 hi-0 bur-0

**Bp = 549 line = MAGIC.183 , Chr = 2**



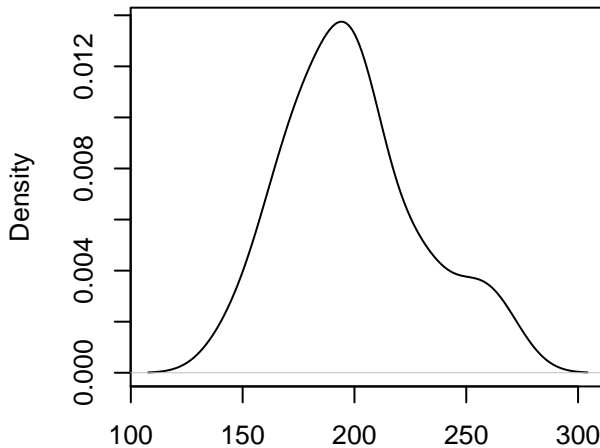
Insert size, N =72  
breakpoint: 1416379 – 1416593 bur-0 hi-0

**Bp = 550 line = MAGIC.183 , Chr = 2**



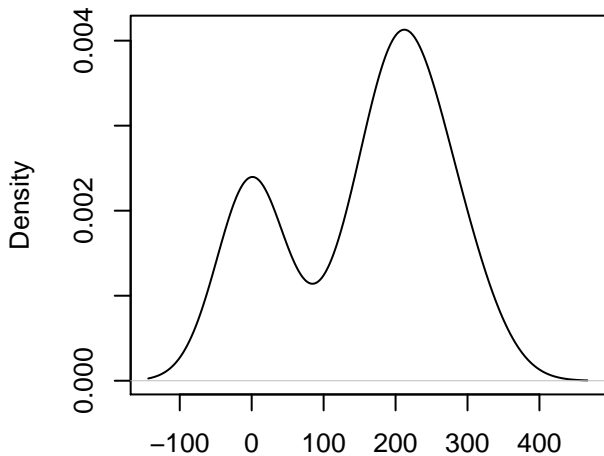
Insert size, N =53  
breakpoint: 1482321 – 1482322 hi-0 ct-1

**Bp = 551 line = MAGIC.183 , Chr = 2**



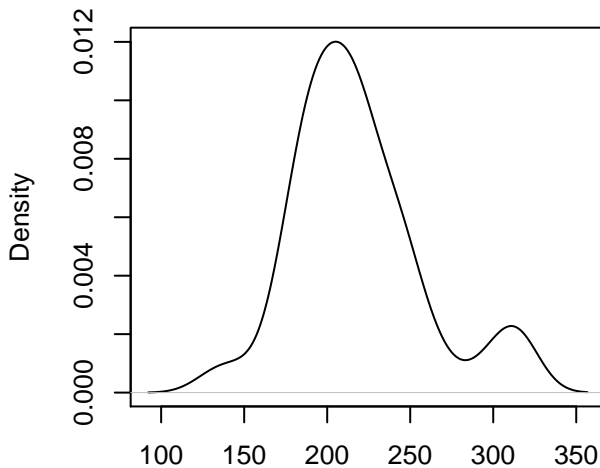
Insert size, N =28  
breakpoint: 1499018 – 1499241 ct-1 zu-0

**Bp = 552 line = MAGIC.183 , Chr = 2**



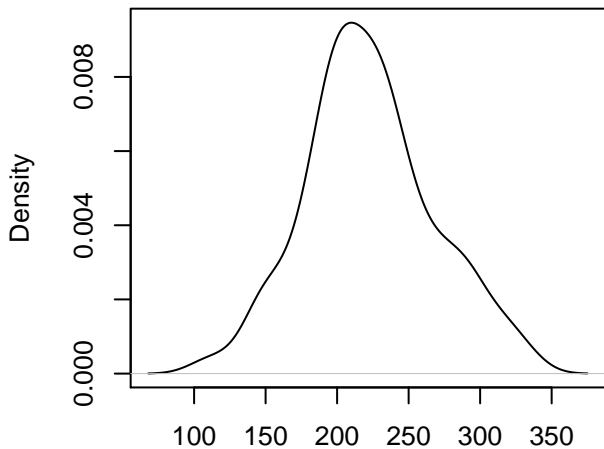
Insert size, N =35  
breakpoint: 1526925 – 1526954 zu-0 col-0

**Bp = 553 line = MAGIC.183 , Chr = 2**



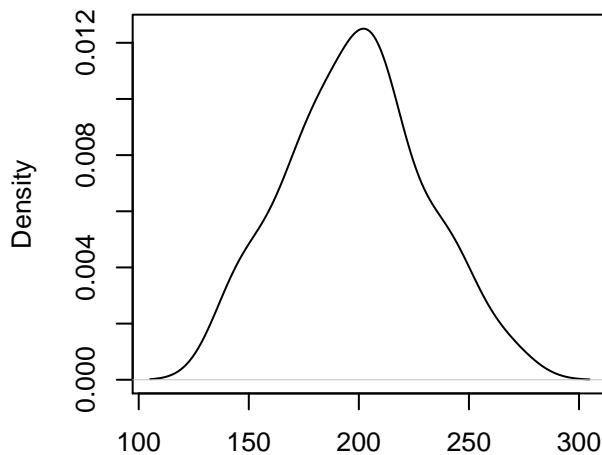
Insert size, N =55  
breakpoint: 1595911 – 1595961 col-0 can-0

**Bp = 554 line = MAGIC.183 , Chr = 2**



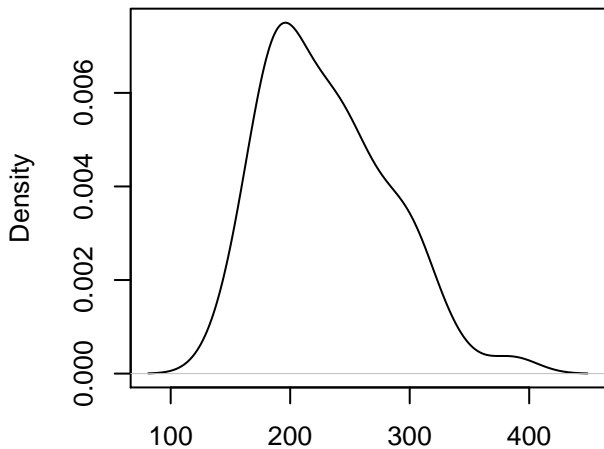
Insert size, N =69  
breakpoint: 1606303 – 1606316 can-0 rsch-4

**Bp = 555 line = MAGIC.183 , Chr = 2**



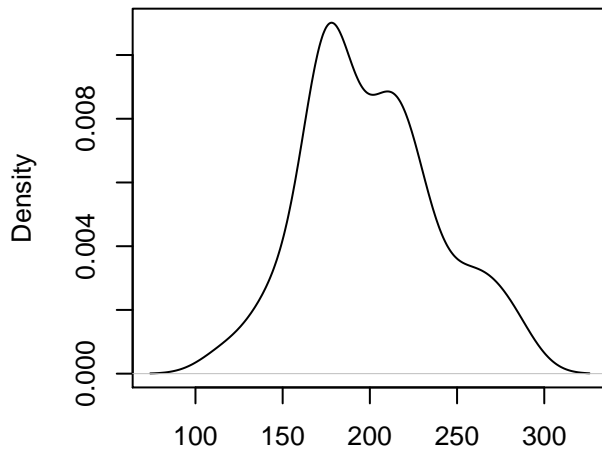
Insert size, N =30  
breakpoint: 1681495 – 1681537 rsch-4 bur-0

**Bp = 556 line = MAGIC.183 , Chr = 2**



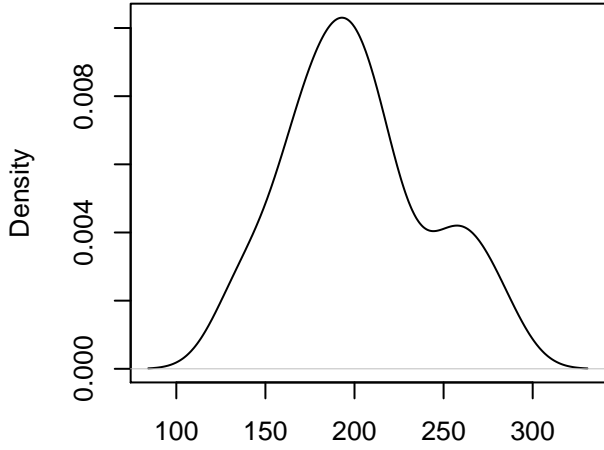
Insert size, N =55  
breakpoint: 1697660 – 1697662 bur-0 hi-0

**Bp = 557 line = MAGIC.183 , Chr = 2**



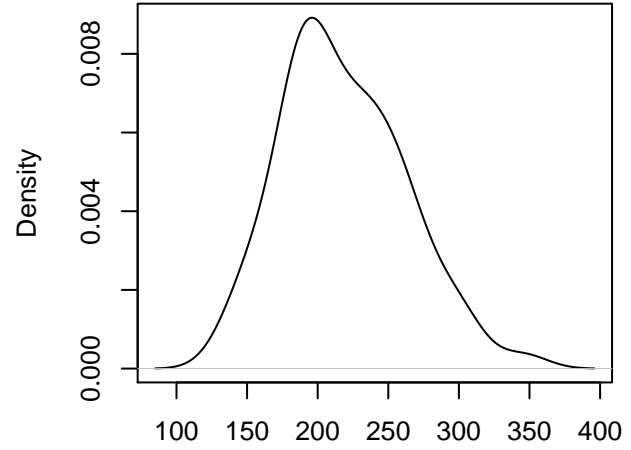
Insert size, N =42  
breakpoint: 1941424 – 1941465 hi-0 bur-0

**Bp = 558 line = MAGIC.183 , Chr = 2**



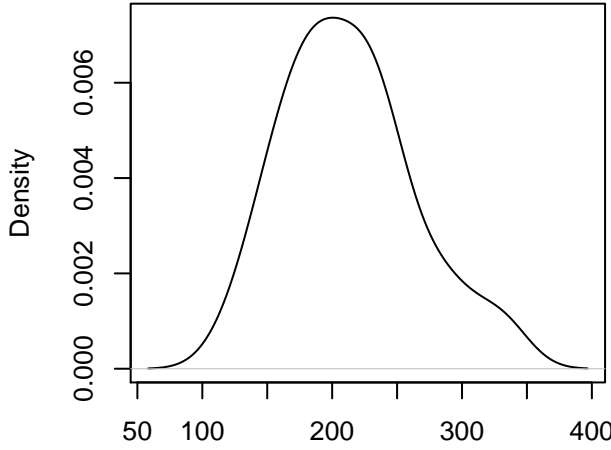
Insert size, N =42  
breakpoint: 1967026 – 1967038 bur-0 zu-0

**Bp = 559 line = MAGIC.183 , Chr = 2**



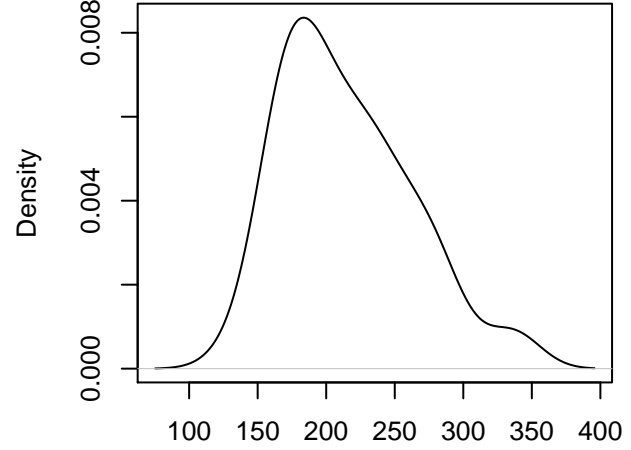
Insert size, N =68  
breakpoint: 1978341 – 1978348 zu-0 oy-0

**Bp = 560 line = MAGIC.183 , Chr = 2**



Insert size, N =37  
breakpoint: 1980120 – 1980124 oy-0 ws-0

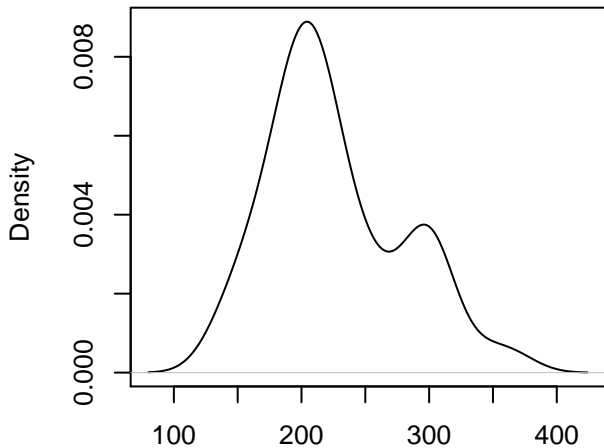
**Bp = 561 line = MAGIC.183 , Chr = 2**



Insert size, N =46  
breakpoint: 2023253 – 2023284 ws-0 bur-0

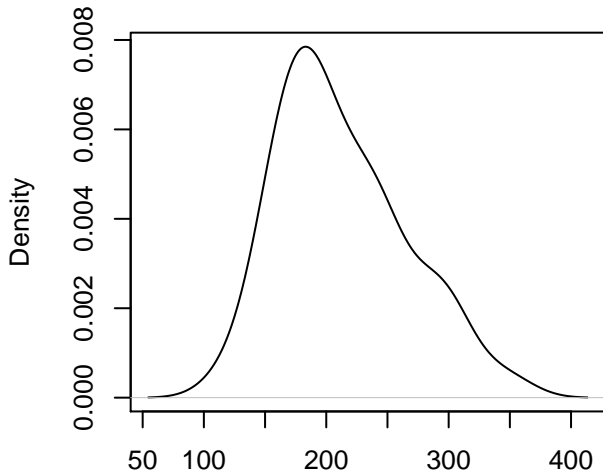


**Bp = 562 line = MAGIC.183 , Chr = 2**



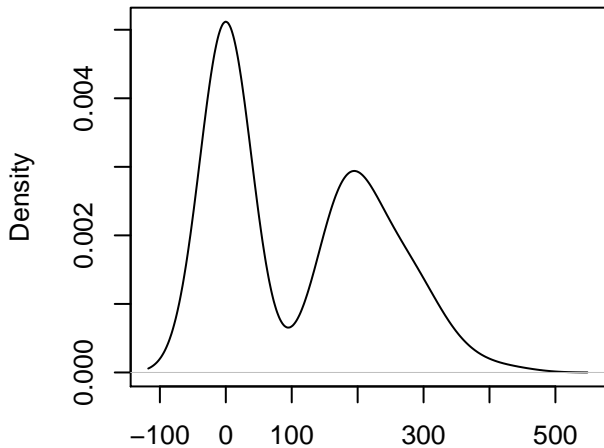
Insert size, N =54  
breakpoint: 2069258 – 2069272 bur-0 kn-0

**Bp = 563 line = MAGIC.183 , Chr = 2**



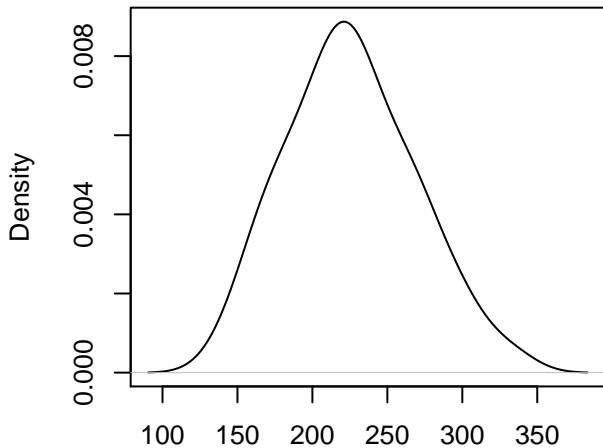
Insert size, N =38  
breakpoint: 2180245 – 2180317 kn-0 ler-0

**Bp = 564 line = MAGIC.183 , Chr = 2**



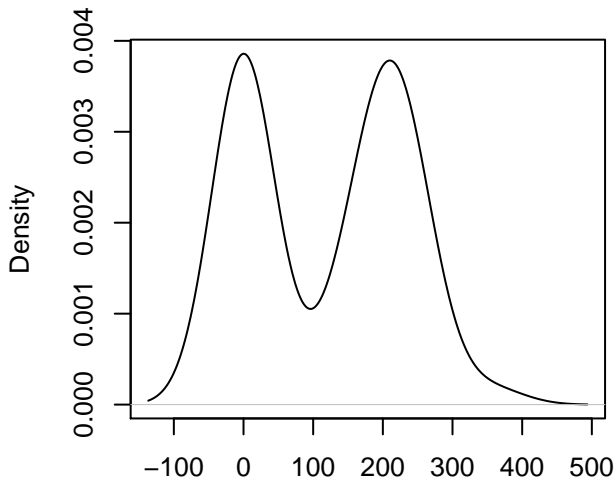
Insert size, N =161  
breakpoint: 2202719 – 2202726 ler-0 ct-1

**Bp = 565 line = MAGIC.183 , Chr = 2**

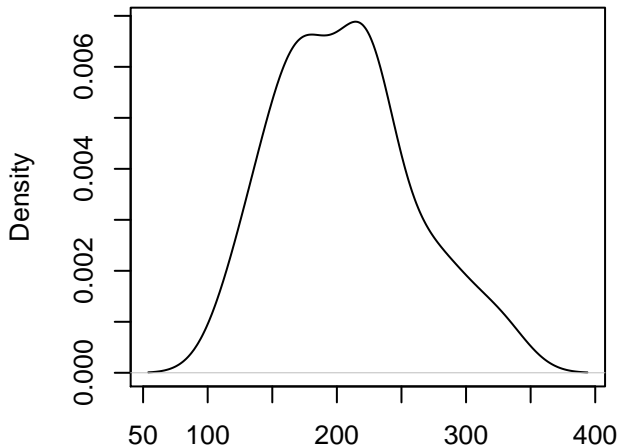


Insert size, N =52  
breakpoint: 2237150 – 2237229 ct-1 bur-0

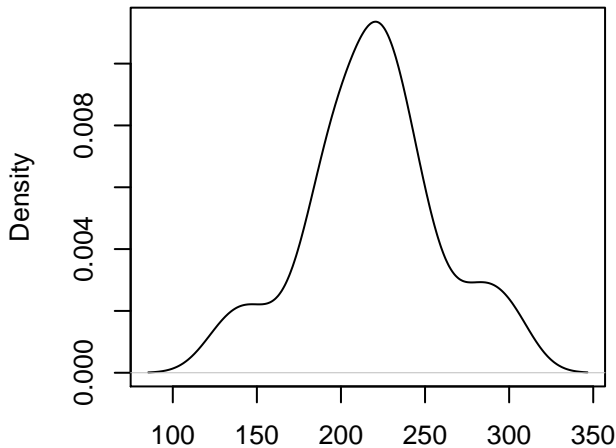
**Bp = 566 line = MAGIC.183 , Chr = 2**



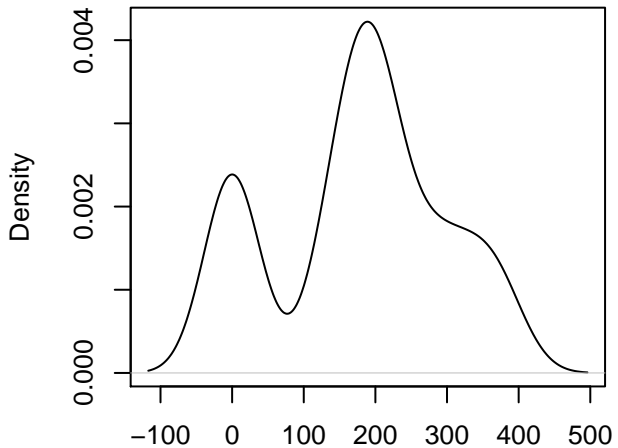
**Bp = 567 line = MAGIC.183 , Chr = 2**



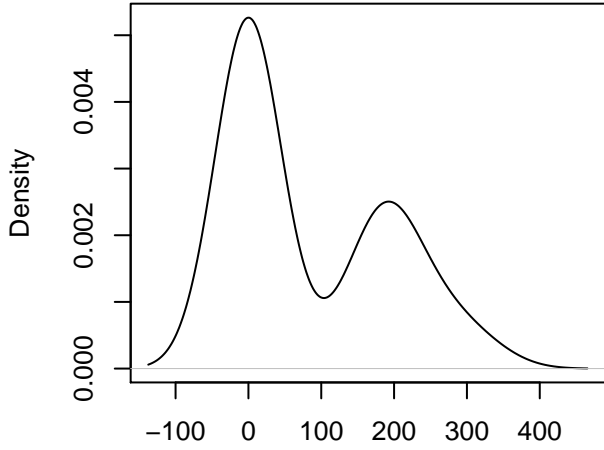
**Bp = 568 line = MAGIC.183 , Chr = 2**



**Bp = 569 line = MAGIC.183 , Chr = 2**

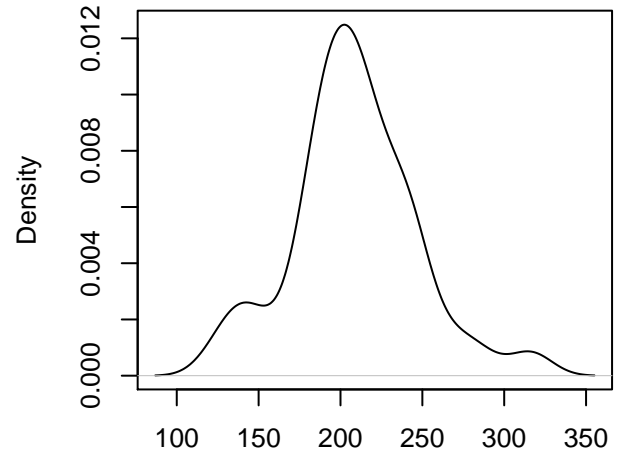


**Bp = 570 line = MAGIC.183 , Chr = 2**



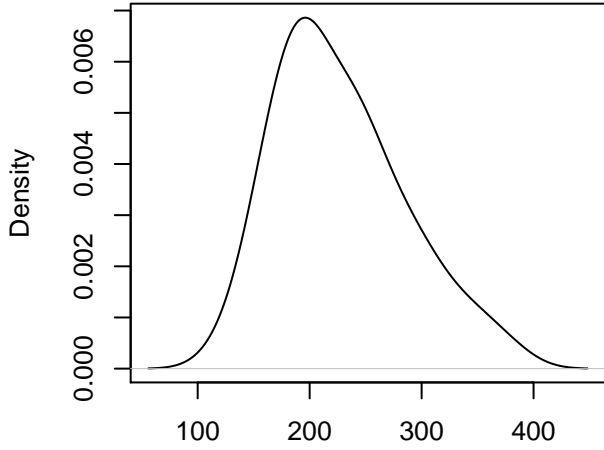
Insert size, N =43  
breakpoint: 2357835 – 2357991 wil-2 sf-2

**Bp = 571 line = MAGIC.183 , Chr = 2**



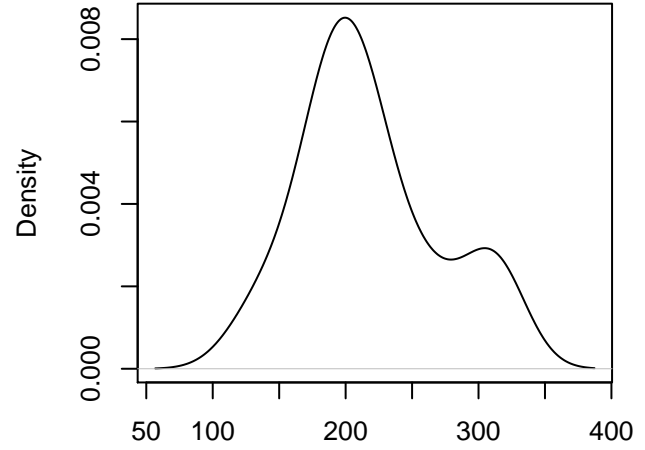
Insert size, N =37  
breakpoint: 2424370 – 2424371 sf-2 bur-0

**Bp = 572 line = MAGIC.183 , Chr = 2**



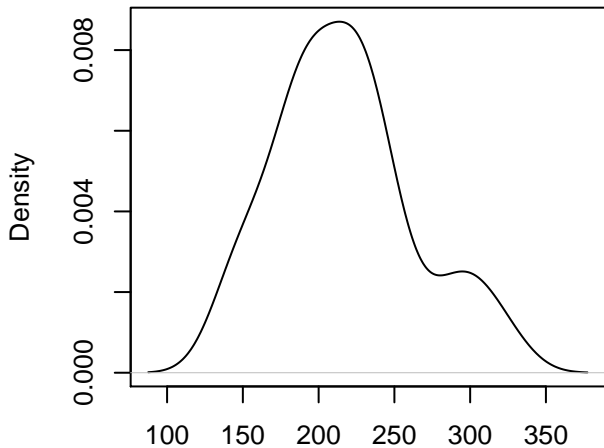
Insert size, N =49  
breakpoint: 2747561 – 2747735 bur-0 rsch-4

**Bp = 573 line = MAGIC.183 , Chr = 2**



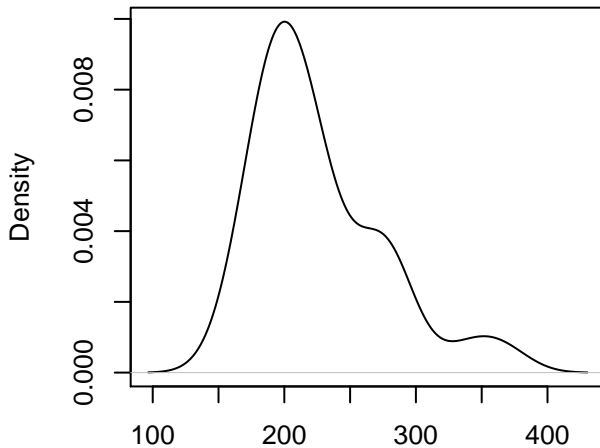
Insert size, N =26  
breakpoint: 2864082 – 2864157 rsch-4 oy-0

**Bp = 574 line = MAGIC.183 , Chr = 2**



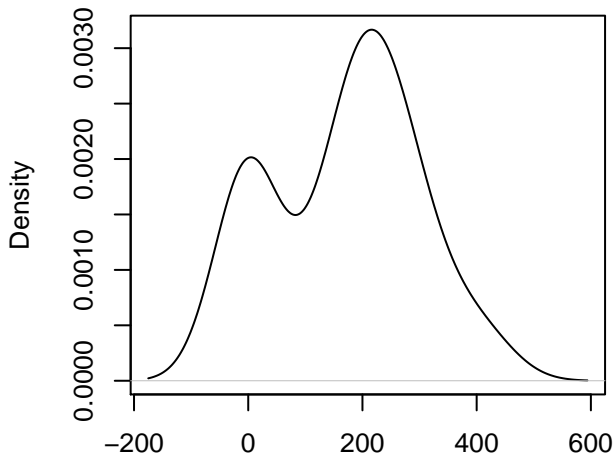
Insert size, N =35  
breakpoint: 2893934 – 2893944 oy-0 ct-1

**Bp = 575 line = MAGIC.183 , Chr = 2**



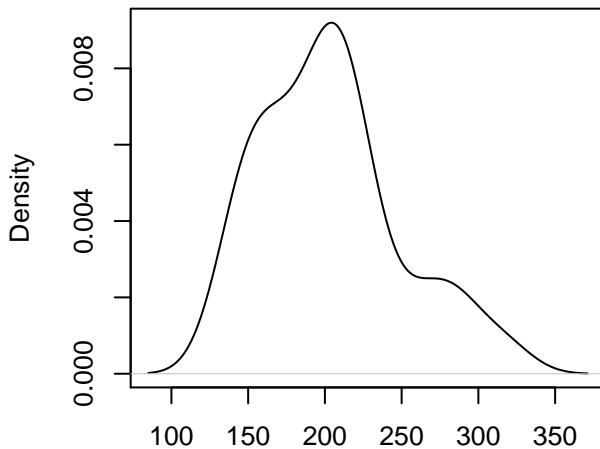
Insert size, N =45  
breakpoint: 2933116 – 2933117 ct-1 oy-0

**Bp = 576 line = MAGIC.183 , Chr = 2**



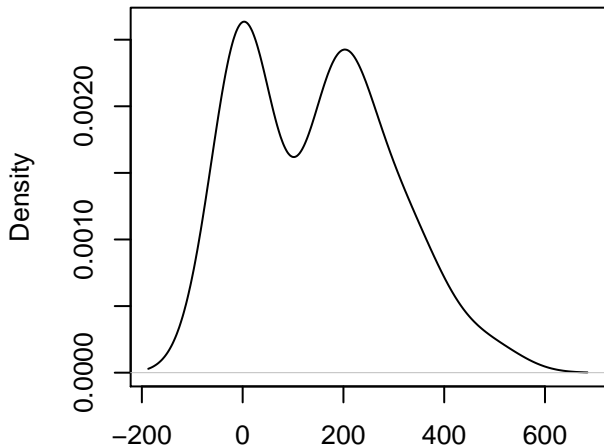
Insert size, N =28  
breakpoint: 3090475 – 3090513 oy-0 kn-0

**Bp = 577 line = MAGIC.183 , Chr = 2**



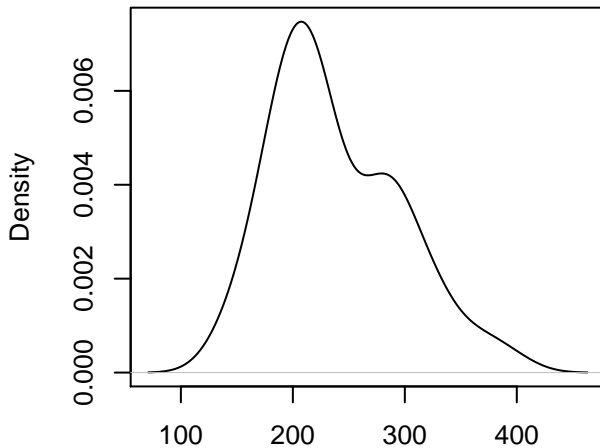
Insert size, N =30  
breakpoint: 3140092 – 3140102 kn-0 ct-1

**Bp = 578 line = MAGIC.183 , Chr = 2**



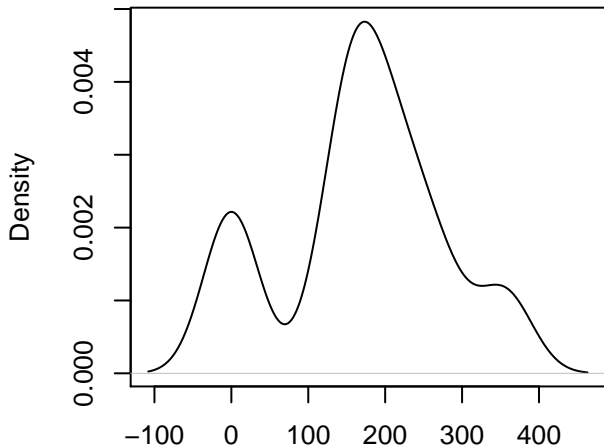
Insert size, N =37  
breakpoint: 3158784 – 3158794 ct-1 oy-0

**Bp = 579 line = MAGIC.183 , Chr = 2**



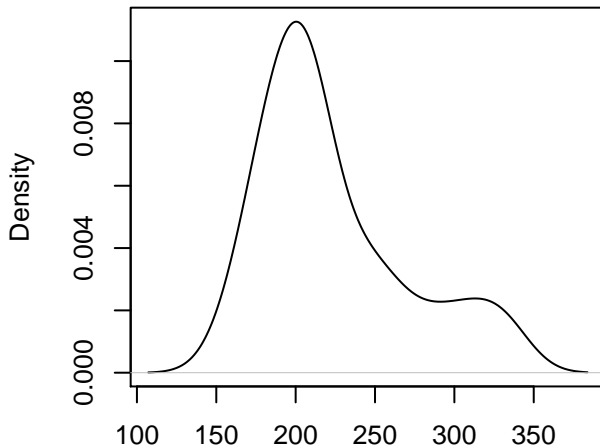
Insert size, N =67  
breakpoint: 3171963 – 3171985 oy-0 ct-1

**Bp = 580 line = MAGIC.183 , Chr = 2**



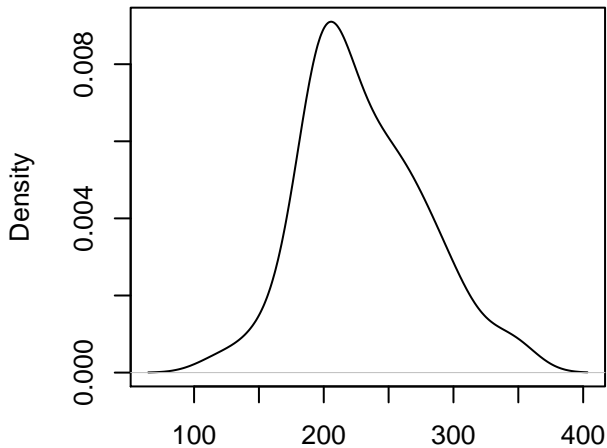
Insert size, N =10  
breakpoint: 3514396 – 3514397 ct-1 rsch-4

**Bp = 581 line = MAGIC.183 , Chr = 2**



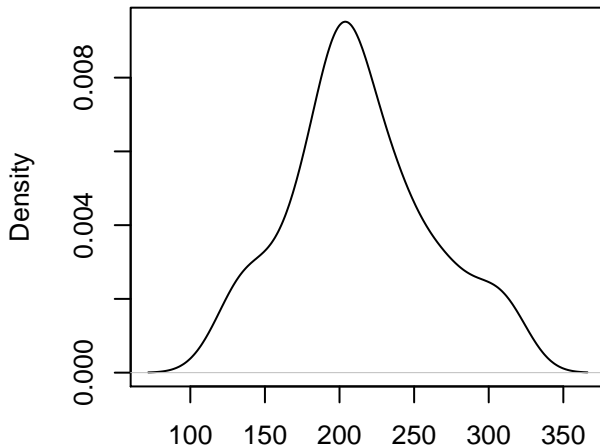
Insert size, N =37  
breakpoint: 4303432 – 4303504 rsch-4 edi-0

**Bp = 582 line = MAGIC.183 , Chr = 2**



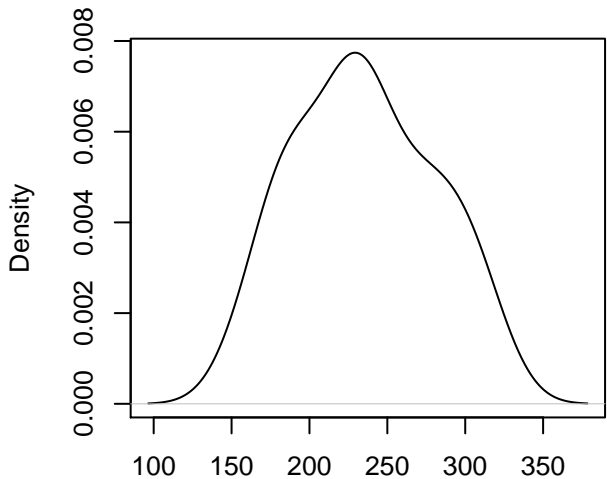
Insert size, N =56  
breakpoint: 4345927 – 4345951 edi-0 po-0

**Bp = 583 line = MAGIC.183 , Chr = 2**



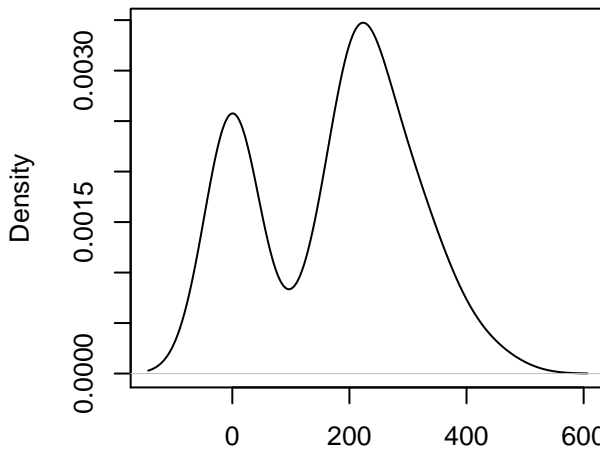
Insert size, N =60  
breakpoint: 4436084 – 4436085 po-0 bur-0

**Bp = 584 line = MAGIC.183 , Chr = 2**



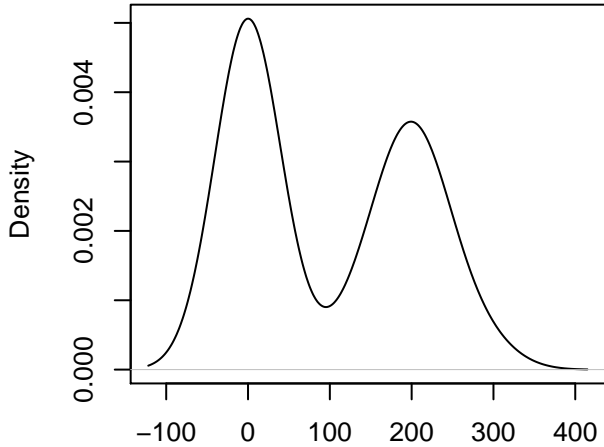
Insert size, N =34  
breakpoint: 4498372 – 4498417 bur-0 wu-0

**Bp = 585 line = MAGIC.183 , Chr = 2**



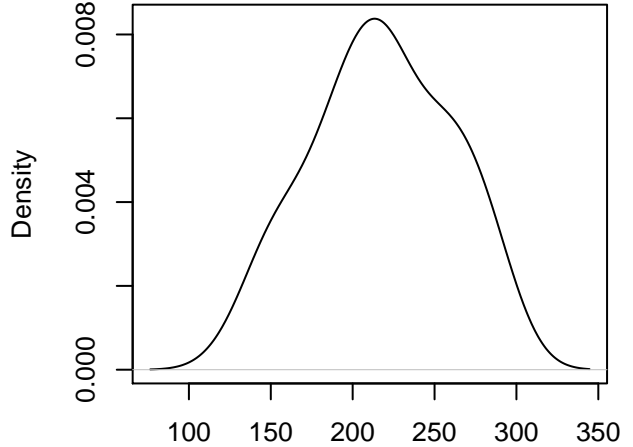
Insert size, N =91  
breakpoint: 4520575 – 4520606 wu-0 po-0

**Bp = 586 line = MAGIC.183 , Chr = 2**



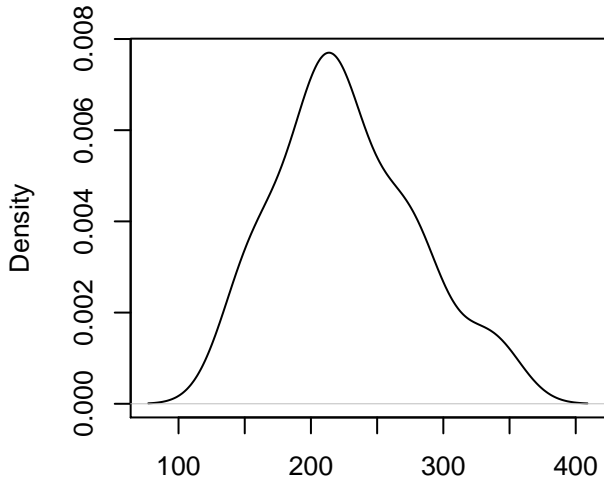
Insert size, N =66  
breakpoint: 4888514 – 4888515 po-0 sf-2

**Bp = 587 line = MAGIC.183 , Chr = 2**



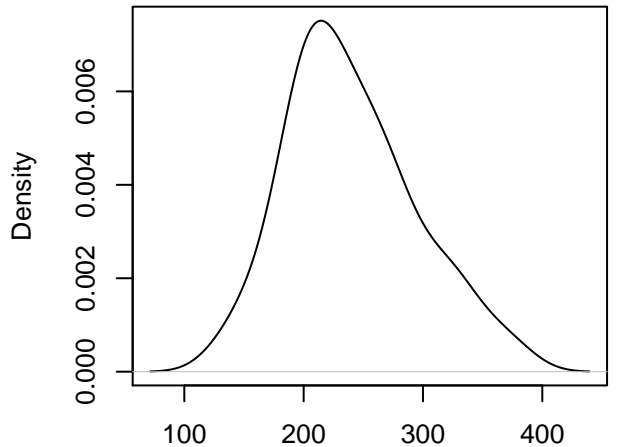
Insert size, N =40  
breakpoint: 4924210 – 4924215 sf-2 po-0

**Bp = 588 line = MAGIC.183 , Chr = 2**



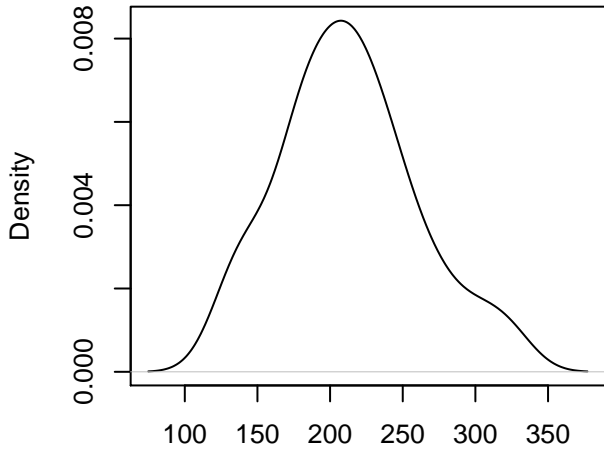
Insert size, N =48  
breakpoint: 5009332 – 5009337 po-0 wil-2

**Bp = 589 line = MAGIC.183 , Chr = 2**



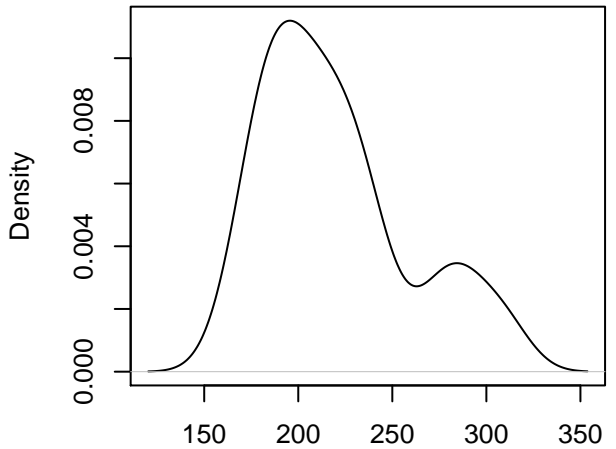
Insert size, N =40  
breakpoint: 5049911 – 5049916 wil-2 oy-0

**Bp = 590 line = MAGIC.183 , Chr = 2**



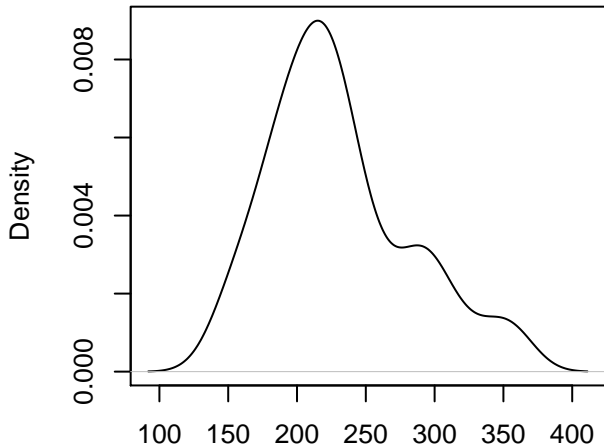
Insert size, N =51  
breakpoint: 5117908 – 5117946 oy-0 ct-1

**Bp = 591 line = MAGIC.183 , Chr = 2**



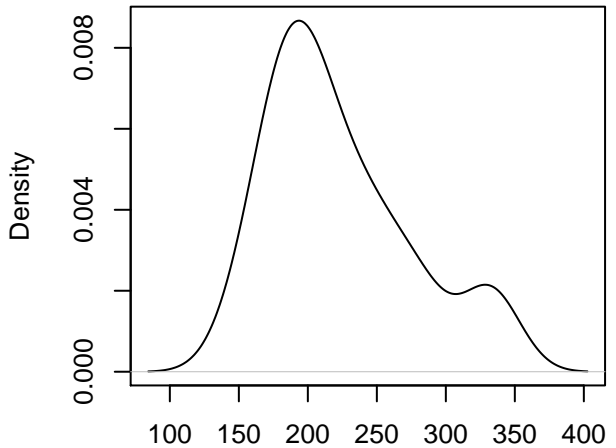
Insert size, N =60  
breakpoint: 5168952 – 5169035 ct-1 oy-0

**Bp = 592 line = MAGIC.183 , Chr = 2**



Insert size, N =71  
breakpoint: 5511915 – 5512044 oy-0 col-0

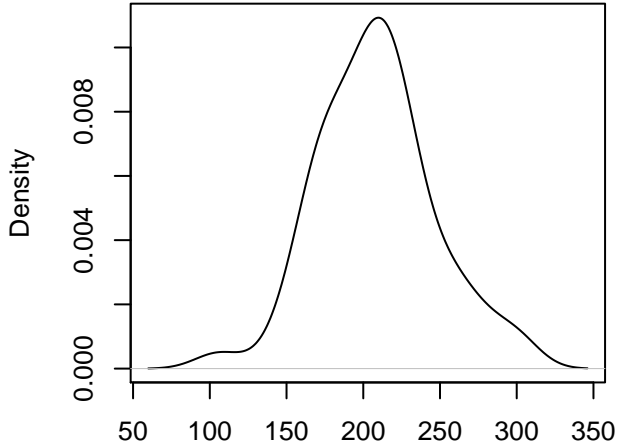
**Bp = 593 line = MAGIC.183 , Chr = 2**



Insert size, N =37  
breakpoint: 5541594 – 5541598 col-0 oy-0

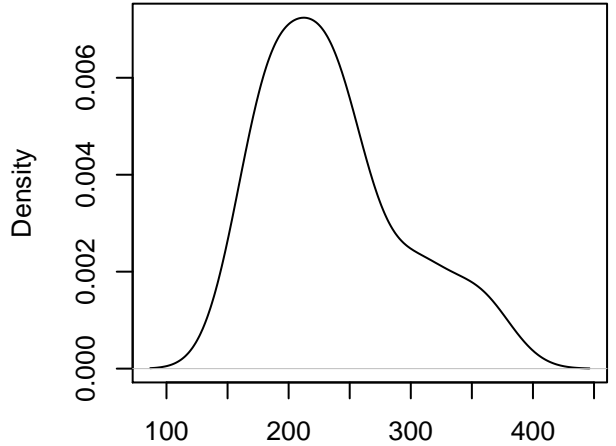


**Bp = 594 line = MAGIC.183 , Chr = 2**



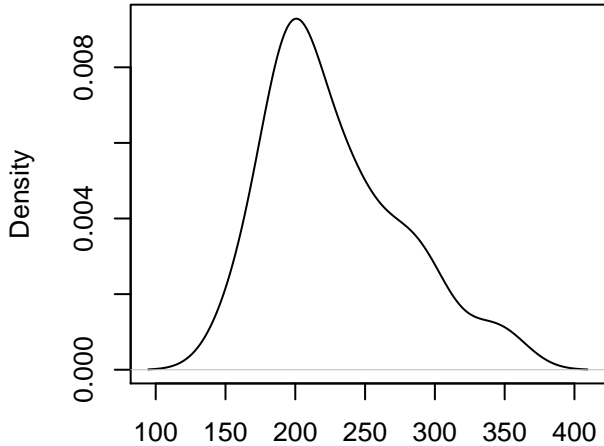
Insert size, N =53  
breakpoint: 5594527 – 5594608 oy-0 edi-0

**Bp = 595 line = MAGIC.183 , Chr = 2**



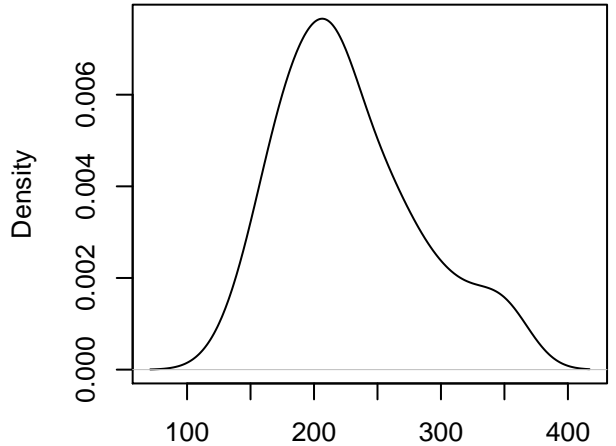
Insert size, N =51  
breakpoint: 5650836 – 5650890 edi-0 hi-0

**Bp = 596 line = MAGIC.183 , Chr = 2**



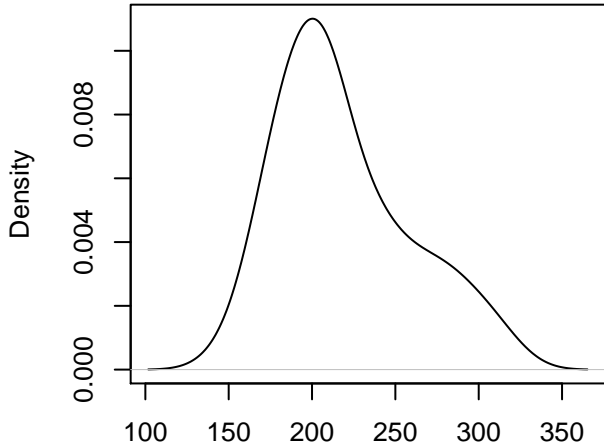
Insert size, N =35  
breakpoint: 5681631 – 5681638 hi-0 sf-2

**Bp = 597 line = MAGIC.183 , Chr = 2**



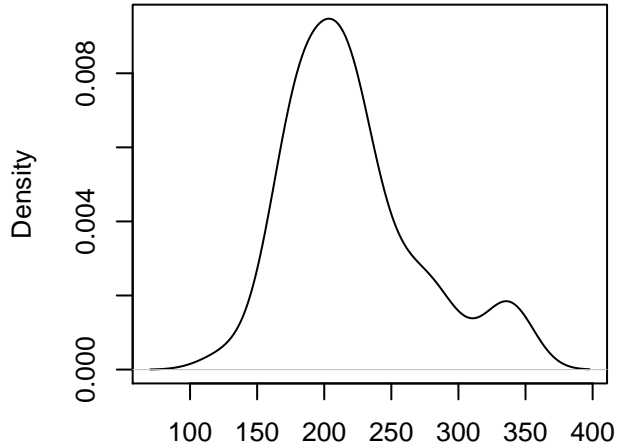
Insert size, N =67  
breakpoint: 5694281 – 5694387 sf-2 ct-1

**Bp = 598 line = MAGIC.183 , Chr = 2**



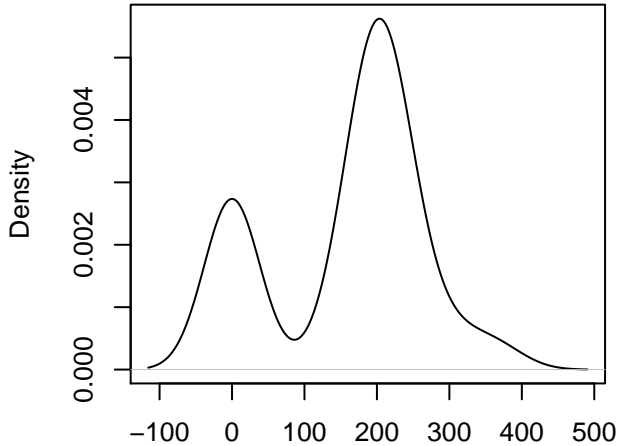
Insert size, N =53  
breakpoint: 5772129 – 5772143 ct-1 po-0

**Bp = 599 line = MAGIC.183 , Chr = 2**



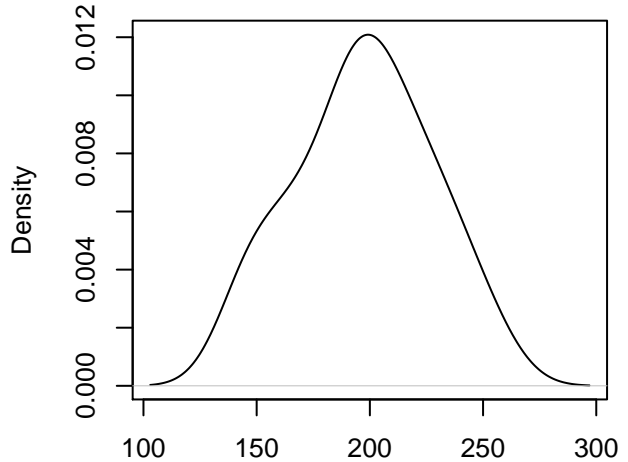
Insert size, N =63  
breakpoint: 5791155 – 5791167 po-0 wu-0

**Bp = 600 line = MAGIC.183 , Chr = 2**



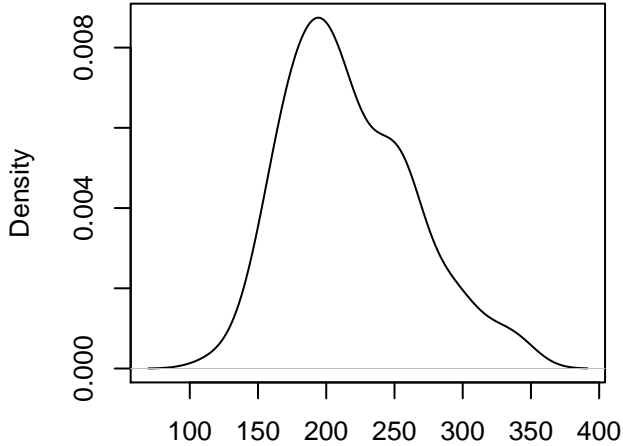
Insert size, N =87  
breakpoint: 5859219 – 5859222 wu-0 oy-0

**Bp = 601 line = MAGIC.183 , Chr = 2**



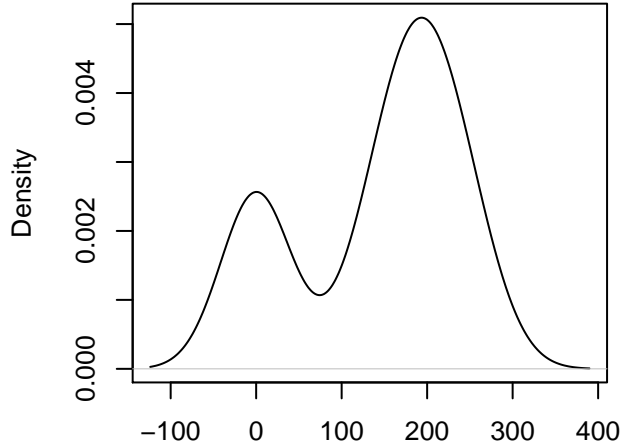
Insert size, N =26  
breakpoint: 5906370 – 5906385 oy-0 sf-2

**Bp = 602 line = MAGIC.183 , Chr = 2**



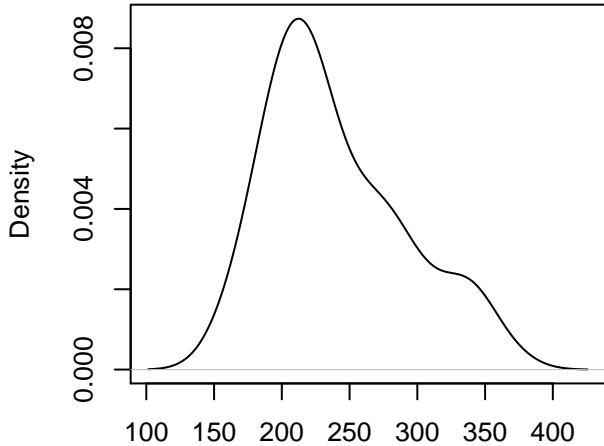
Insert size, N =108  
breakpoint: 5915042 – 5915044 sf-2 wil-2

**Bp = 603 line = MAGIC.183 , Chr = 2**



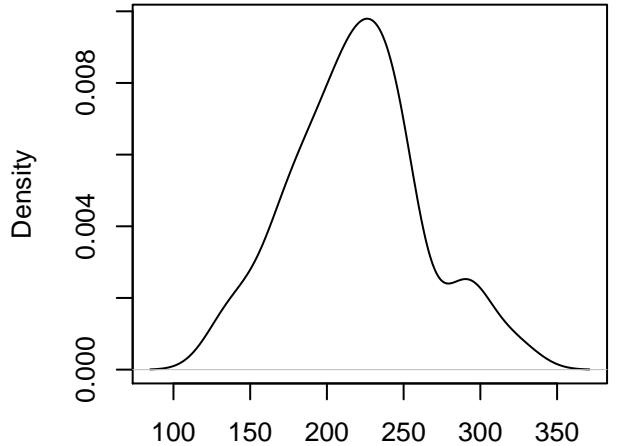
Insert size, N =34  
breakpoint: 5932061 – 5932079 wil-2 ct-1

**Bp = 604 line = MAGIC.183 , Chr = 2**



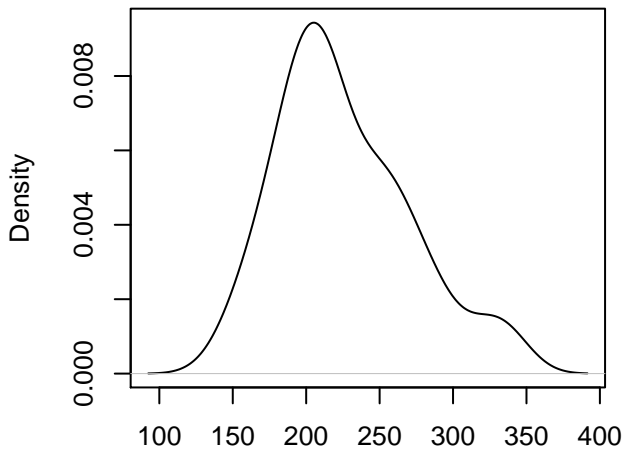
Insert size, N =65  
breakpoint: 5953104 – 5953107 ct-1 wu-0

**Bp = 605 line = MAGIC.183 , Chr = 2**



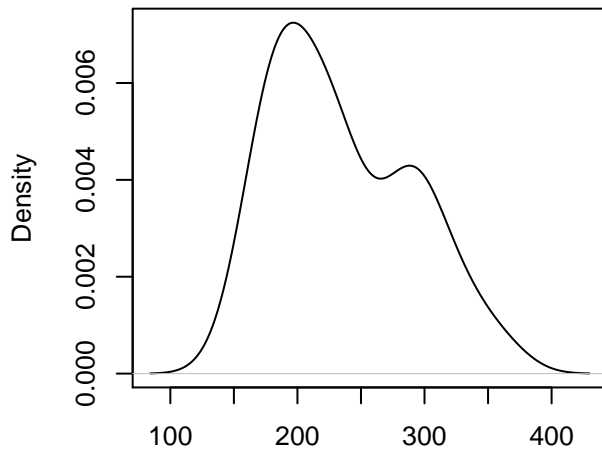
Insert size, N =59  
breakpoint: 6019260 – 6019341 wu-0 hi-0

**Bp = 606 line = MAGIC.183 , Chr = 2**



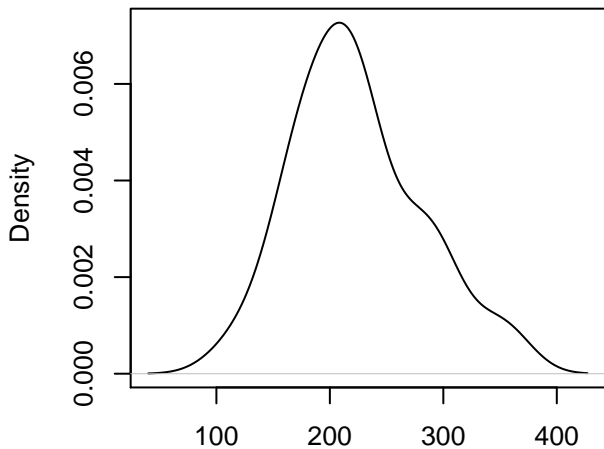
Insert size, N =75  
breakpoint: 6041489 – 6041513 hi-0 edi-0

**Bp = 607 line = MAGIC.183 , Chr = 2**



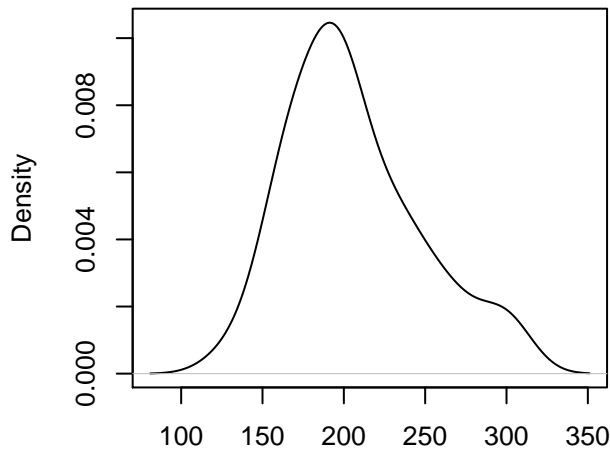
Insert size, N =67  
breakpoint: 6056851 – 6056859 edi-0 ws-0

**Bp = 608 line = MAGIC.183 , Chr = 2**



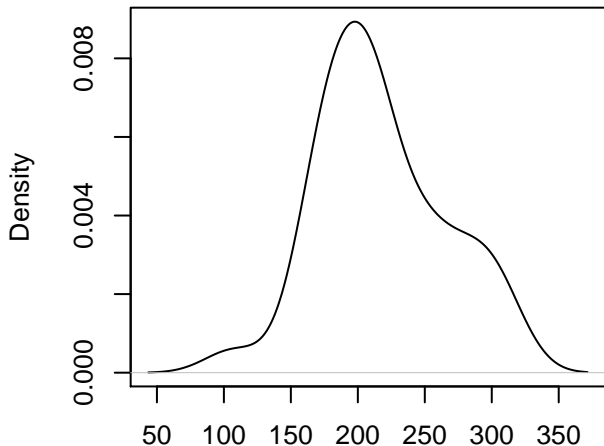
Insert size, N =32  
breakpoint: 6085702 – 6085728 ws-0 rsch-4

**Bp = 609 line = MAGIC.183 , Chr = 2**



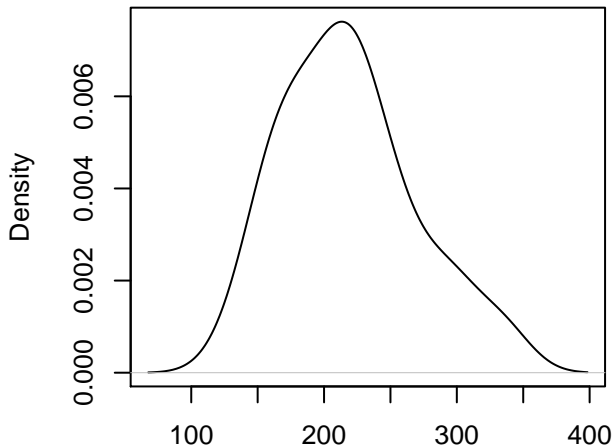
Insert size, N =46  
breakpoint: 6141816 – 6141902 rsch-4 ws-0

**Bp = 610 line = MAGIC.183 , Chr = 2**



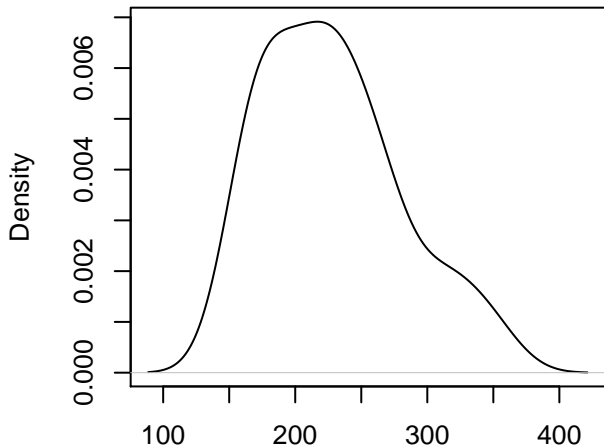
Insert size, N =33  
breakpoint: 6175825 – 6175830 ws-0 col-0

**Bp = 611 line = MAGIC.183 , Chr = 2**



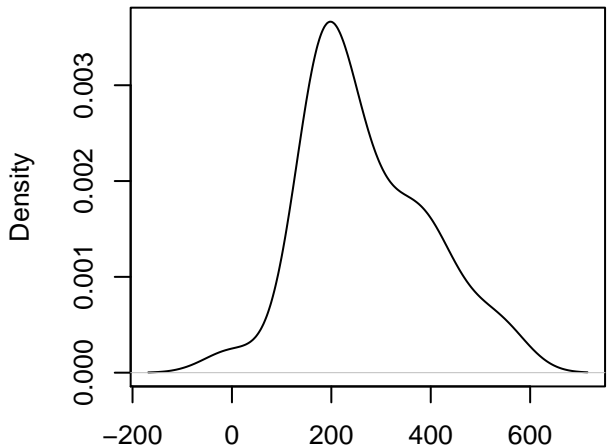
Insert size, N =39  
breakpoint: 6187374 – 6187862 col-0 tsu-0

**Bp = 612 line = MAGIC.183 , Chr = 2**



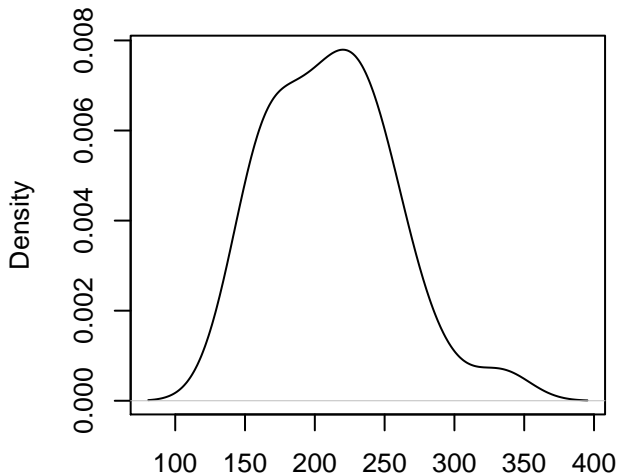
Insert size, N =47  
breakpoint: 6247290 – 6247298 tsu-0 wu-0

**Bp = 613 line = MAGIC.183 , Chr = 2**



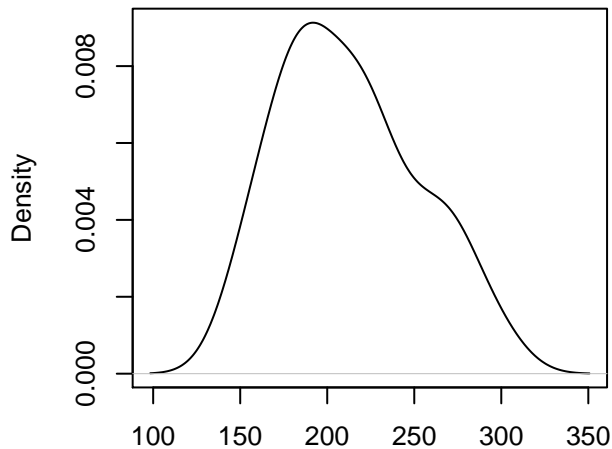
Insert size, N =31  
breakpoint: 6286319 – 6286531 wu-0 po-0

**Bp = 614 line = MAGIC.183 , Chr = 2**



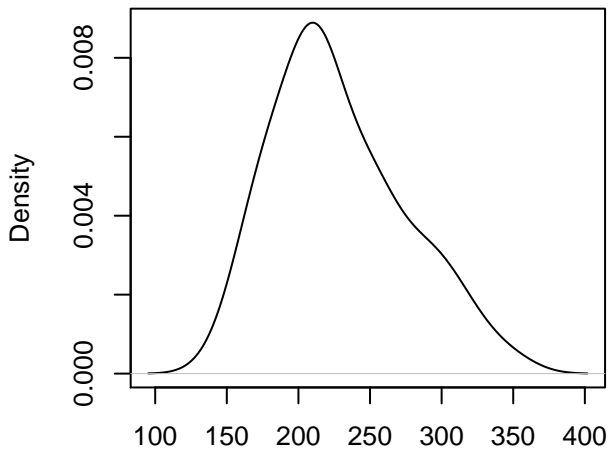
Insert size, N =30  
breakpoint: 6312821 – 6312822 po-0 rsch-4

**Bp = 615 line = MAGIC.183 , Chr = 2**



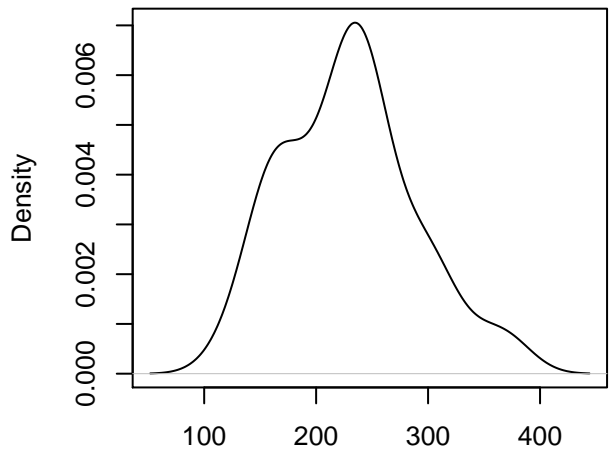
Insert size, N =53  
breakpoint: 6428808 – 6428832 rsch-4 sf-2

**Bp = 616 line = MAGIC.183 , Chr = 2**



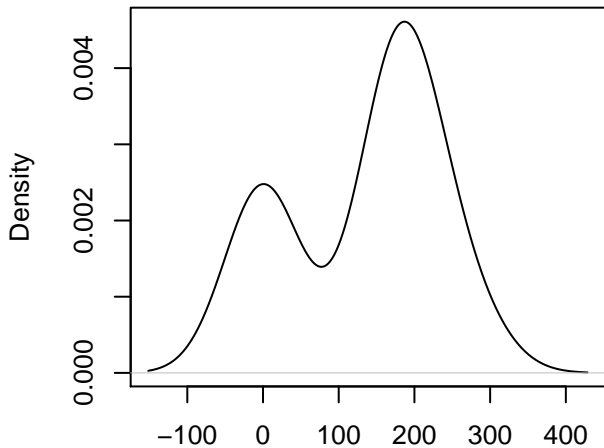
Insert size, N =57  
breakpoint: 6483496 – 6483511 sf-2 zu-0

**Bp = 617 line = MAGIC.183 , Chr = 2**



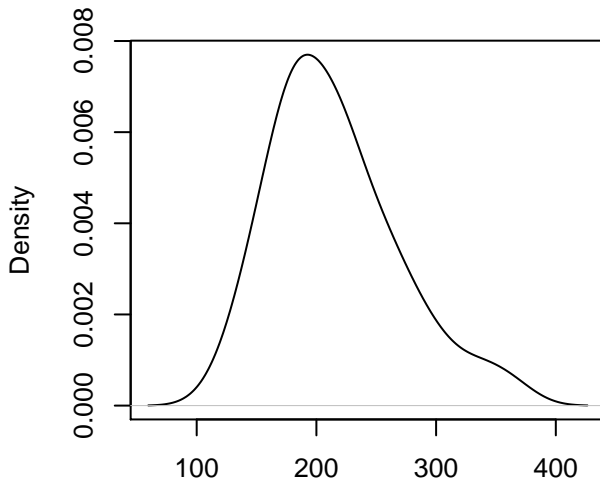
Insert size, N =39  
breakpoint: 6520272 – 6520305 zu-0 ws-0

**Bp = 618 line = MAGIC.183 , Chr = 2**



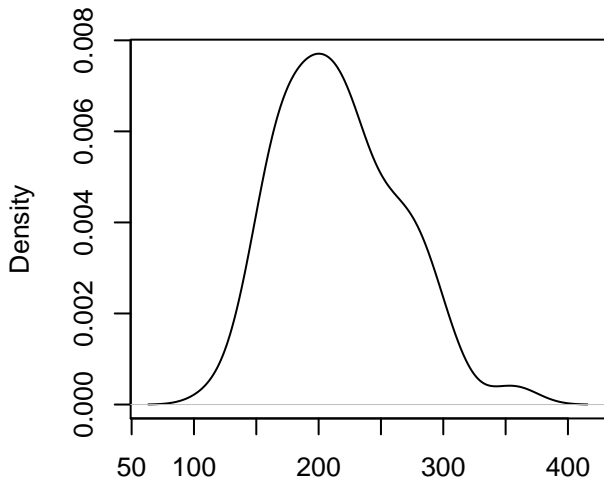
Insert size, N =16  
breakpoint: 6578855 – 6578889 ws-0 hi-0

**Bp = 619 line = MAGIC.183 , Chr = 2**



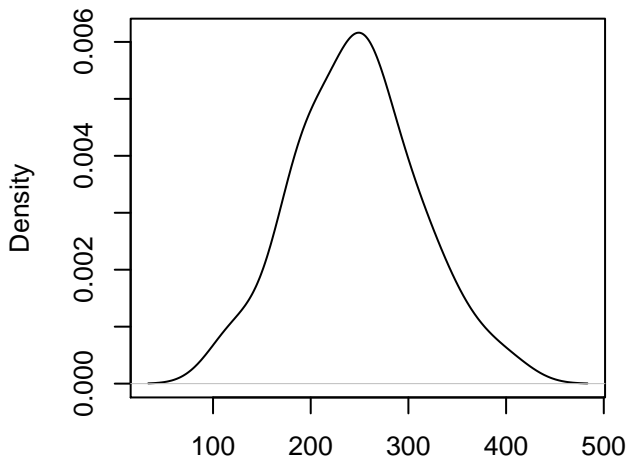
Insert size, N =54  
breakpoint: 6695362 – 6695391 hi-0 bur-0

**Bp = 620 line = MAGIC.183 , Chr = 2**



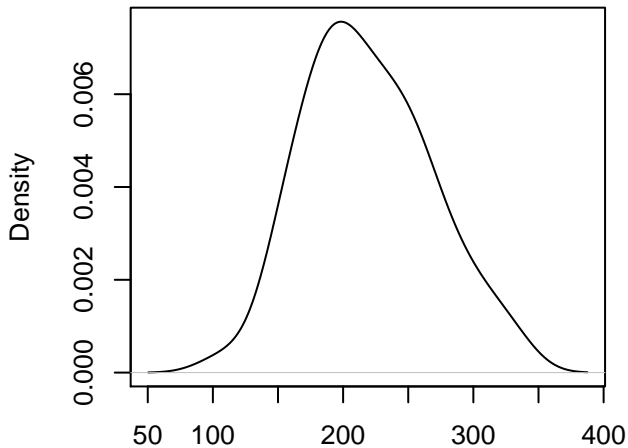
Insert size, N =104  
breakpoint: 6756669 – 6756670 bur-0 ct-1

**Bp = 621 line = MAGIC.183 , Chr = 2**

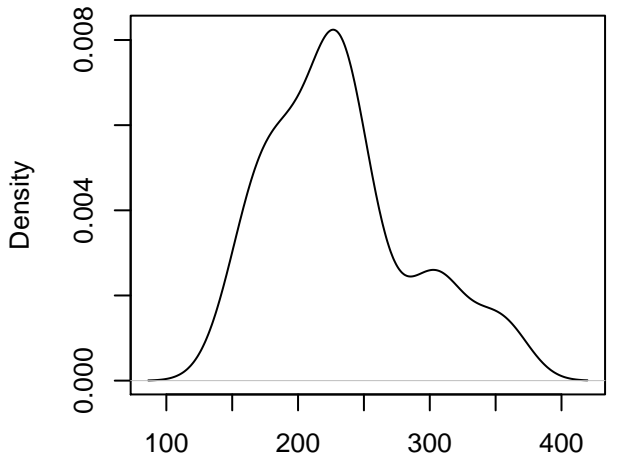


Insert size, N =50  
breakpoint: 6801363 – 6801365 ct-1 hi-0

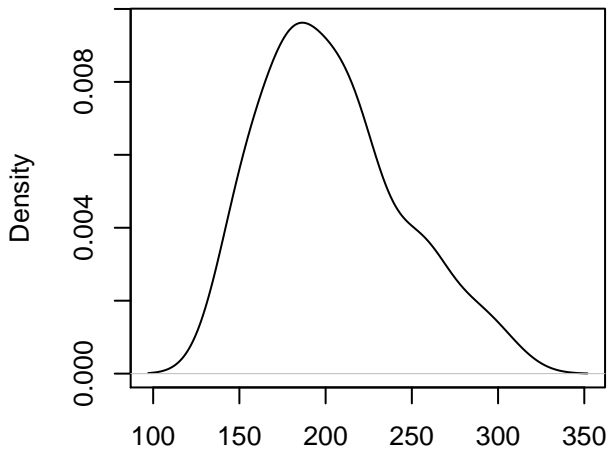
**Bp = 622 line = MAGIC.183 , Chr = 2**



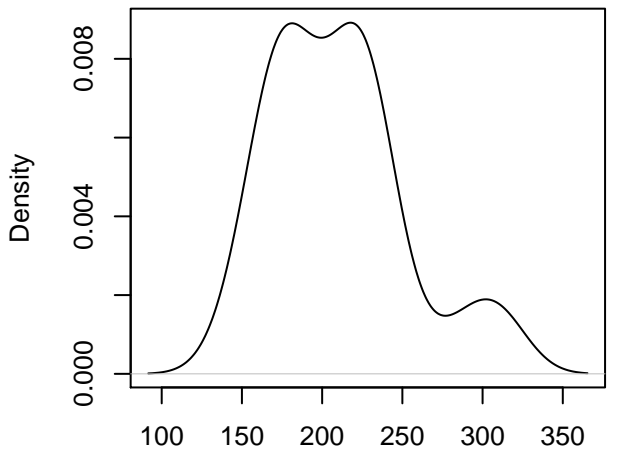
**Bp = 623 line = MAGIC.183 , Chr = 2**



**Bp = 624 line = MAGIC.183 , Chr = 2**

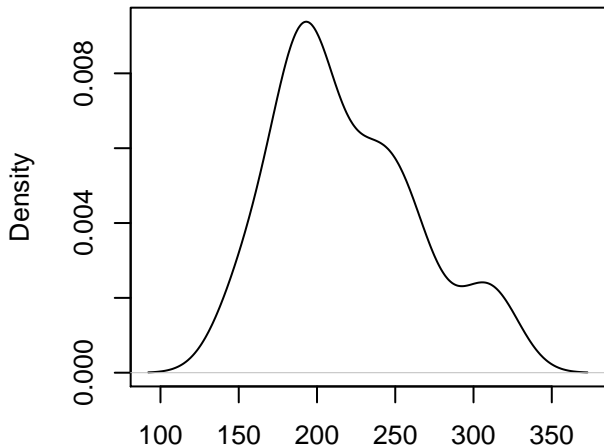


**Bp = 625 line = MAGIC.183 , Chr = 2**



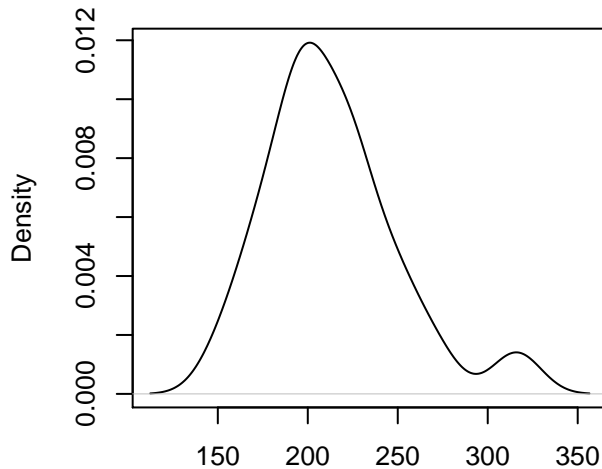


**Bp = 626 line = MAGIC.183 , Chr = 2**



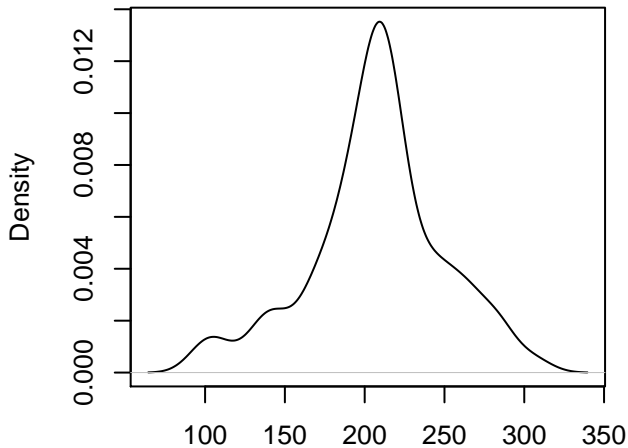
Insert size, N =53  
breakpoint: 7022407 – 7022489 ws-0 sf-2

**Bp = 627 line = MAGIC.183 , Chr = 2**



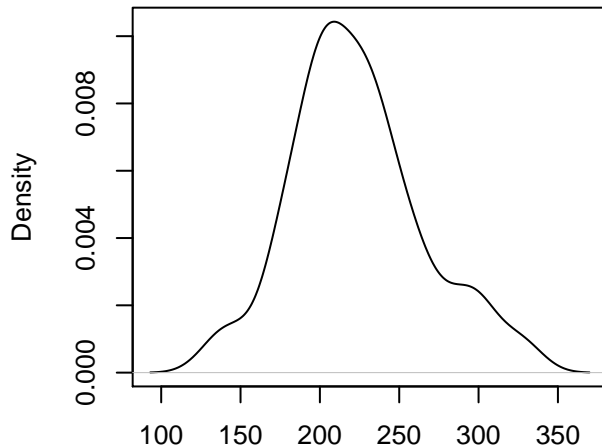
Insert size, N =21  
breakpoint: 7024215 – 7024232 sf-2 tsu-0

**Bp = 628 line = MAGIC.183 , Chr = 2**



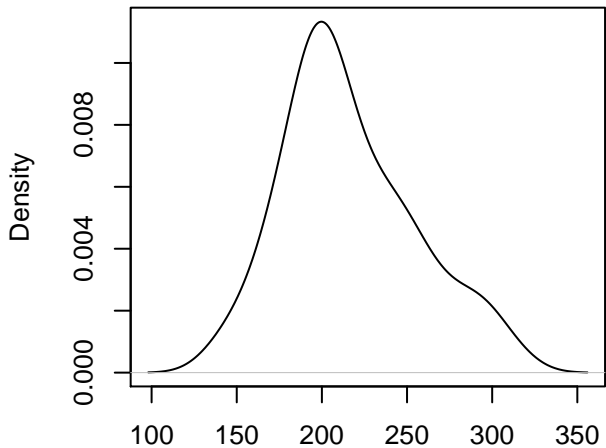
Insert size, N =72  
breakpoint: 7069544 – 7069730 tsu-0 wu-0

**Bp = 629 line = MAGIC.183 , Chr = 2**



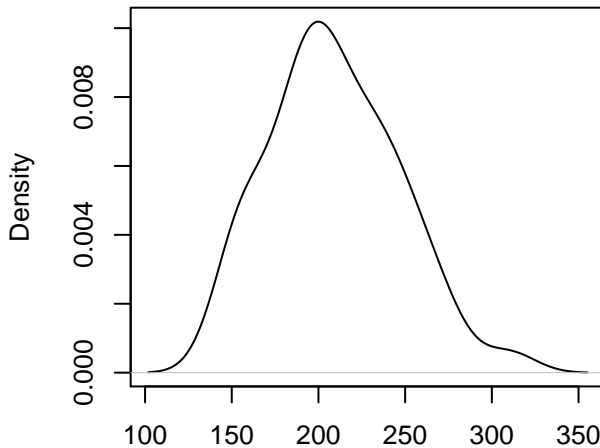
Insert size, N =64  
breakpoint: 7102950 – 7102953 wu-0 zu-0

**Bp = 630 line = MAGIC.183 , Chr = 2**



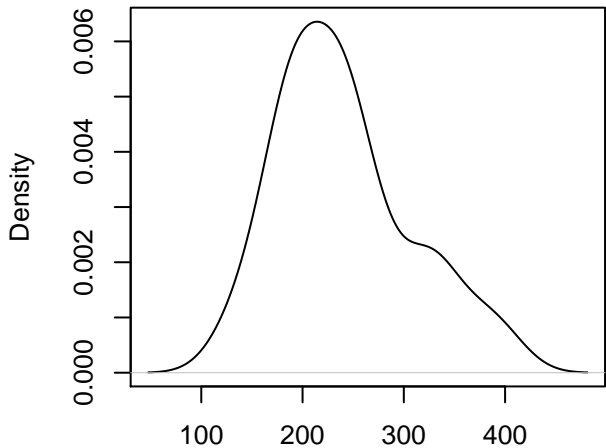
Insert size, N =51  
breakpoint: 7172444 – 7172449 zu-0 hi-0

**Bp = 631 line = MAGIC.183 , Chr = 2**



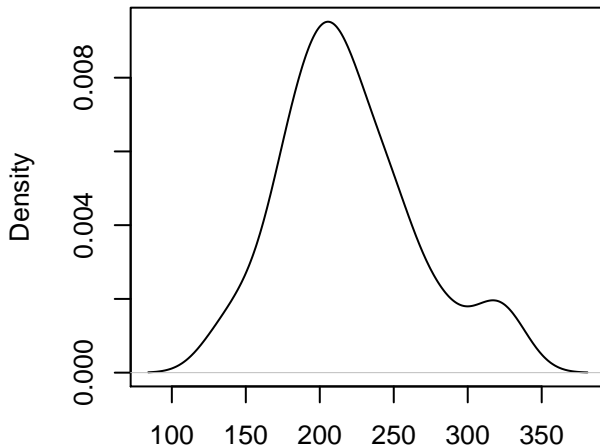
Insert size, N =45  
breakpoint: 7275075 – 7275078 hi-0 zu-0

**Bp = 632 line = MAGIC.183 , Chr = 2**



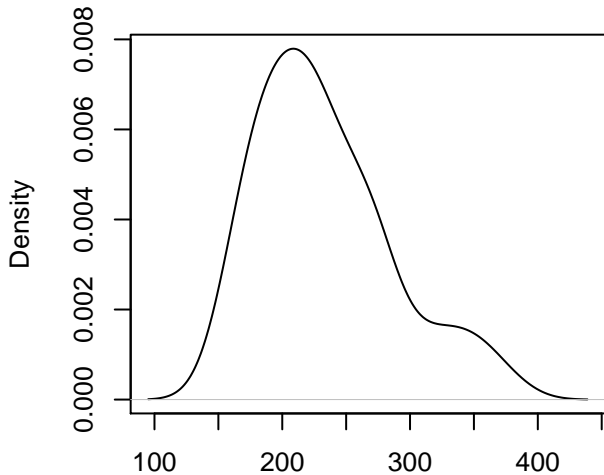
Insert size, N =40  
breakpoint: 7366902 – 7366975 zu-0 bur-0

**Bp = 633 line = MAGIC.183 , Chr = 2**

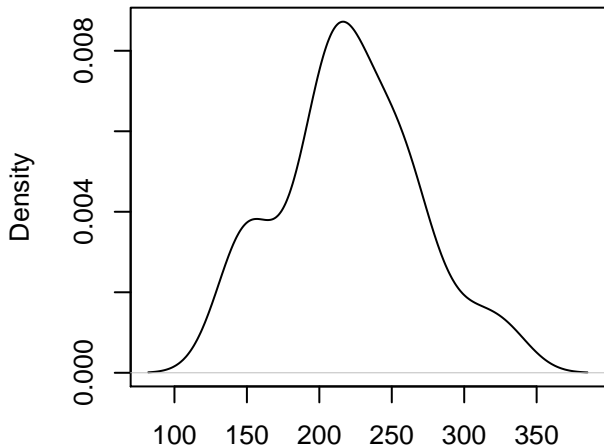


Insert size, N =63  
breakpoint: 7394417 – 7394429 bur-0 sf-2

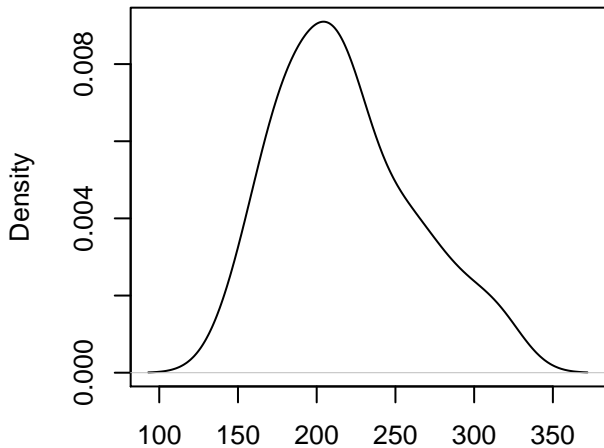
**Bp = 634 line = MAGIC.183 , Chr = 2**



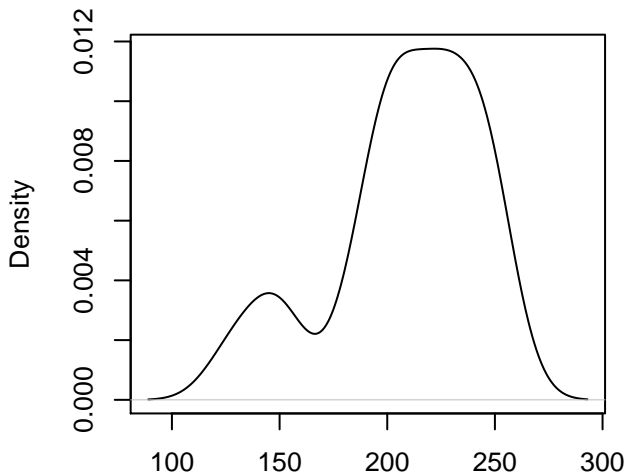
**Bp = 635 line = MAGIC.183 , Chr = 2**



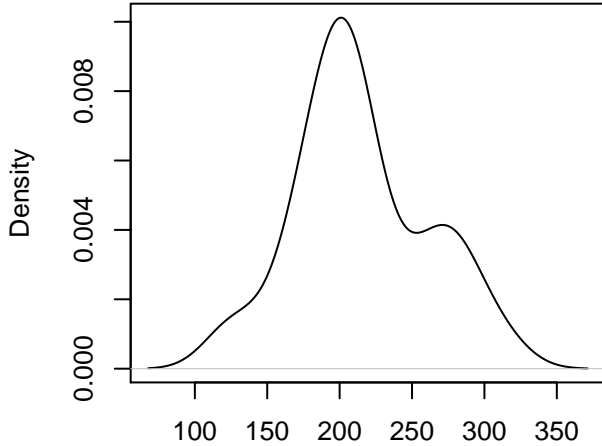
**Bp = 636 line = MAGIC.183 , Chr = 2**



**Bp = 637 line = MAGIC.183 , Chr = 2**

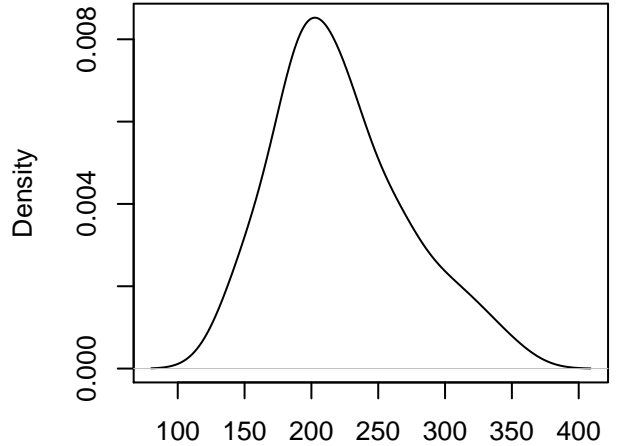


**Bp = 638 line = MAGIC.183 , Chr = 2**



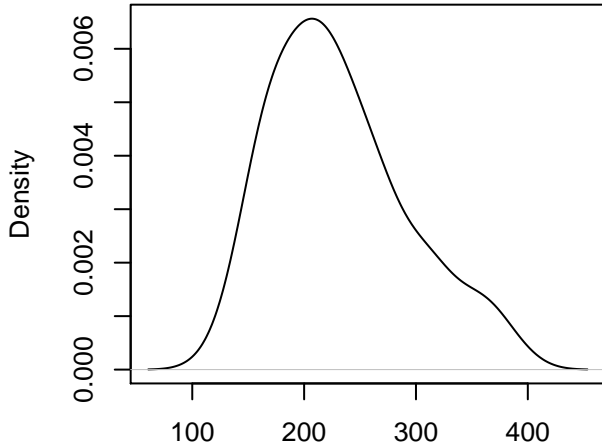
Insert size, N =32  
breakpoint: 7580058 – 7580064 can-0 ct-1

**Bp = 639 line = MAGIC.183 , Chr = 2**



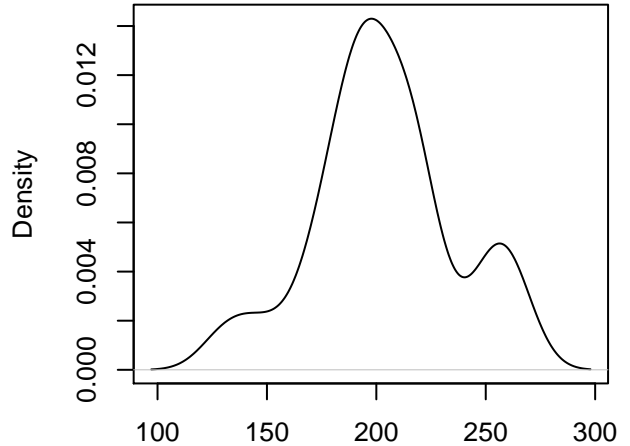
Insert size, N =65  
breakpoint: 7634873 – 7634876 ct-1 col-0

**Bp = 640 line = MAGIC.183 , Chr = 2**



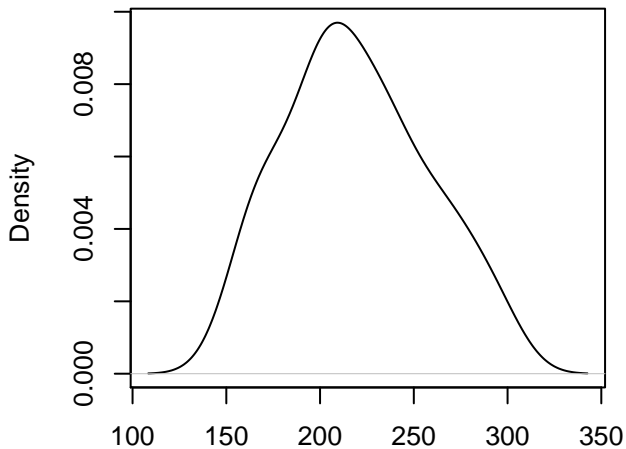
Insert size, N =68  
breakpoint: 7735940 – 7735941 col-0 po-0

**Bp = 641 line = MAGIC.183 , Chr = 2**



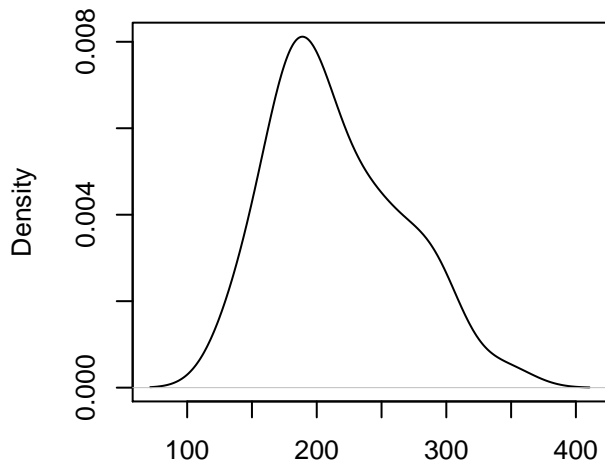
Insert size, N =25  
breakpoint: 7836524 – 7836532 po-0 edi-0

**Bp = 642 line = MAGIC.183 , Chr = 2**



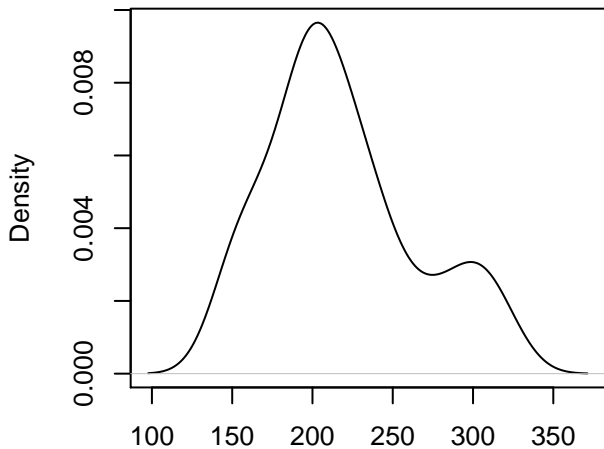
Insert size, N =64  
breakpoint: 7872619 – 7872627 edi-0 sf-2

**Bp = 643 line = MAGIC.183 , Chr = 2**



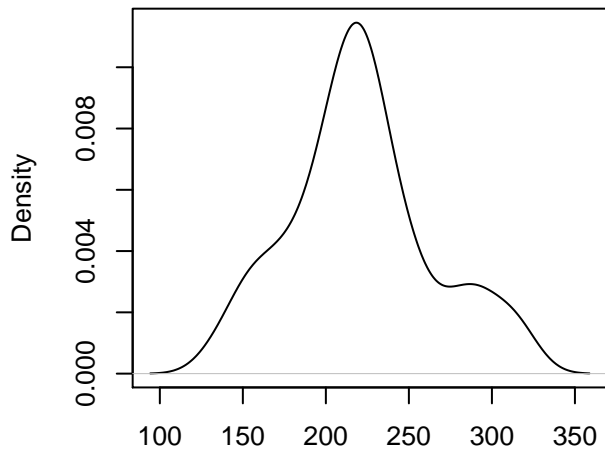
Insert size, N =41  
breakpoint: 7922993 – 7923074 sf-2 wil-2

**Bp = 644 line = MAGIC.183 , Chr = 2**



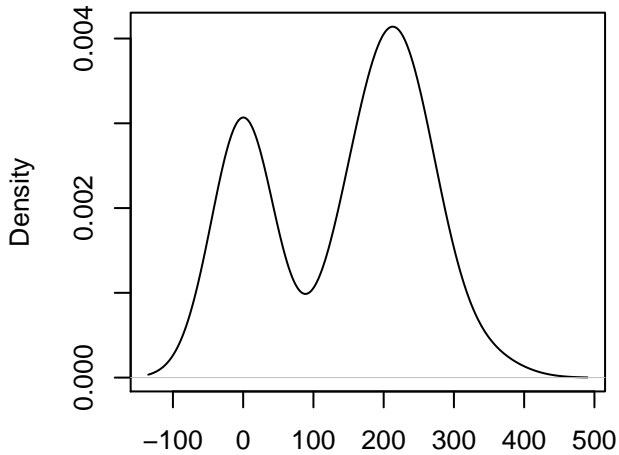
Insert size, N =56  
breakpoint: 7934597 – 7934836 wil-2 hi-0

**Bp = 645 line = MAGIC.183 , Chr = 2**



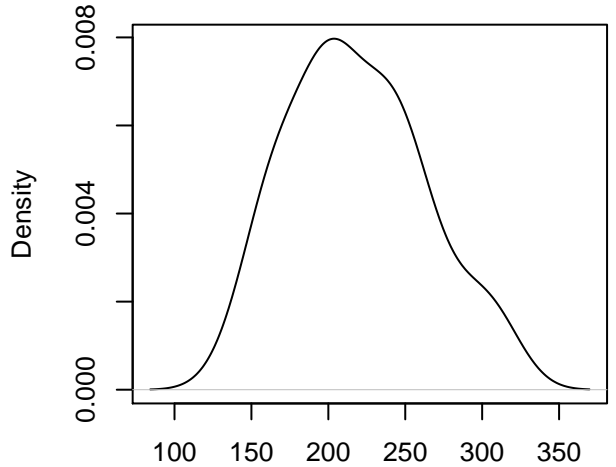
Insert size, N =55  
breakpoint: 7954575 – 7954657 hi-0 can-0

**Bp = 646 line = MAGIC.183 , Chr = 2**



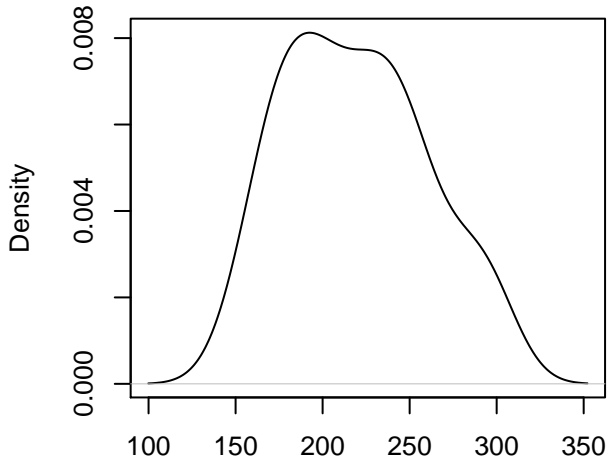
Insert size, N =52  
breakpoint: 8017485 – 8017523 can-0 zu-0

**Bp = 647 line = MAGIC.183 , Chr = 2**



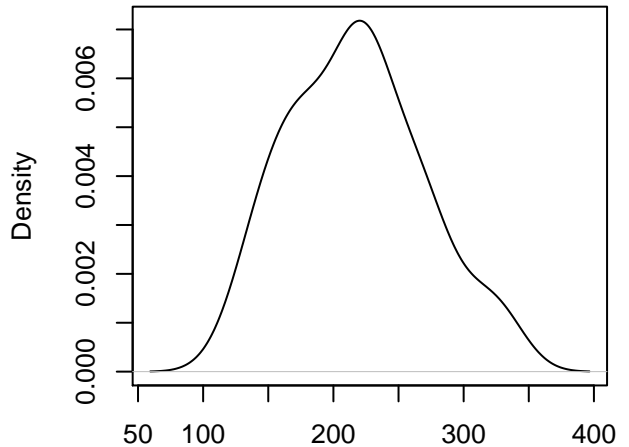
Insert size, N =44  
breakpoint: 8104607 – 8104612 zu-0 ct-1

**Bp = 648 line = MAGIC.183 , Chr = 2**



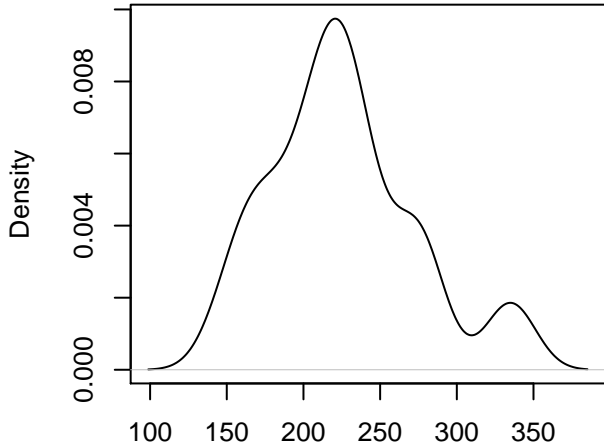
Insert size, N =41  
breakpoint: 8123265 – 8123308 ct-1 zu-0

**Bp = 649 line = MAGIC.183 , Chr = 2**



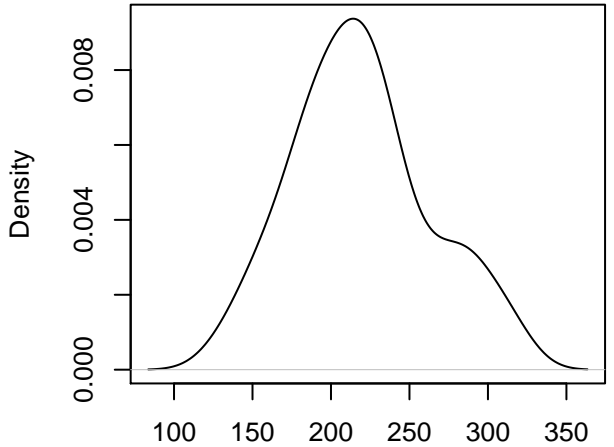
Insert size, N =69  
breakpoint: 8155401 – 8155450 zu-0 col-0

**Bp = 650 line = MAGIC.183 , Chr = 2**



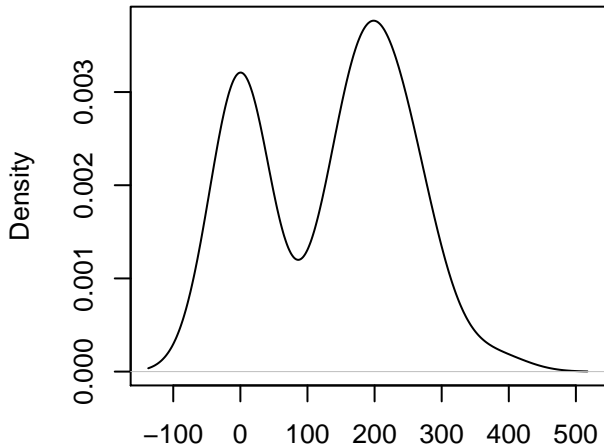
Insert size, N =40  
breakpoint: 8187108 – 8187280 col-0 sf-2

**Bp = 651 line = MAGIC.183 , Chr = 2**



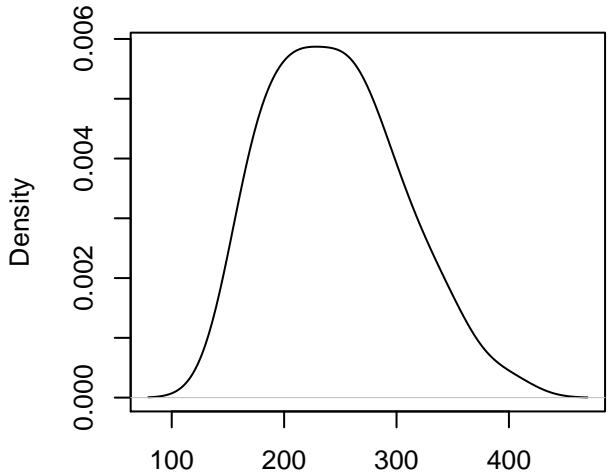
Insert size, N =43  
breakpoint: 8251755 – 8251834 sf-2 tsu-0

**Bp = 652 line = MAGIC.183 , Chr = 2**



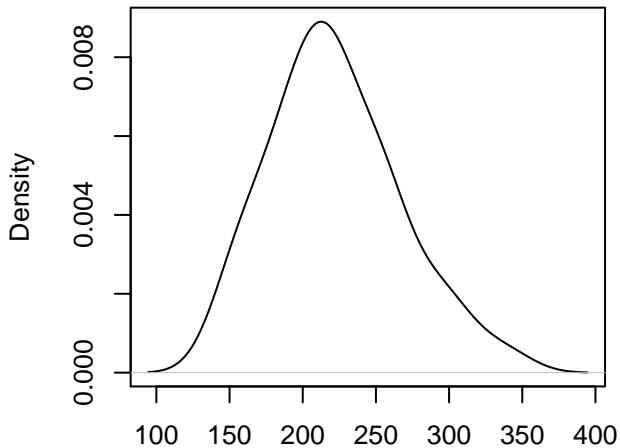
Insert size, N =49  
breakpoint: 8369332 – 8369395 tsu-0 sf-2

**Bp = 653 line = MAGIC.183 , Chr = 2**



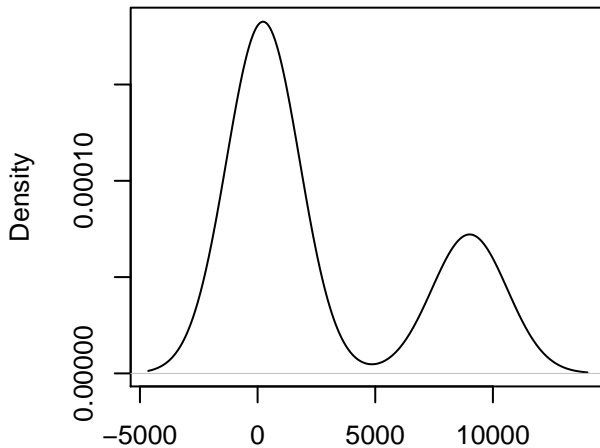
Insert size, N =57  
breakpoint: 8383354 – 8383356 sf-2 mt-0

**Bp = 654 line = MAGIC.183 , Chr = 2**



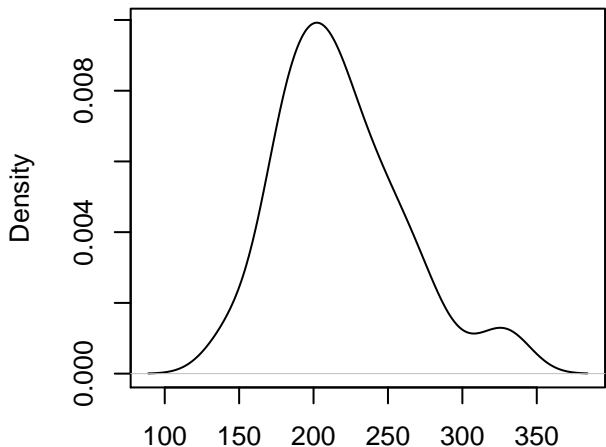
Insert size, N =43  
breakpoint: 8466432 – 8466534 mt-0 hi-0

**Bp = 655 line = MAGIC.183 , Chr = 2**



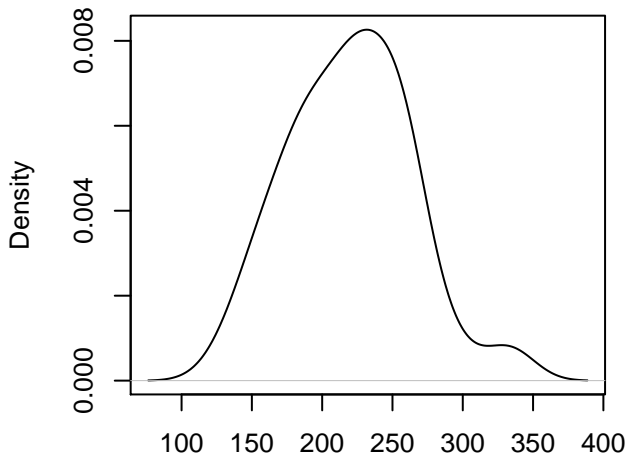
Insert size, N =69  
breakpoint: 8529041 – 8529201 hi-0 wil-2

**Bp = 656 line = MAGIC.183 , Chr = 2**



Insert size, N =58  
breakpoint: 8541382 – 8541514 wil-2 sf-2

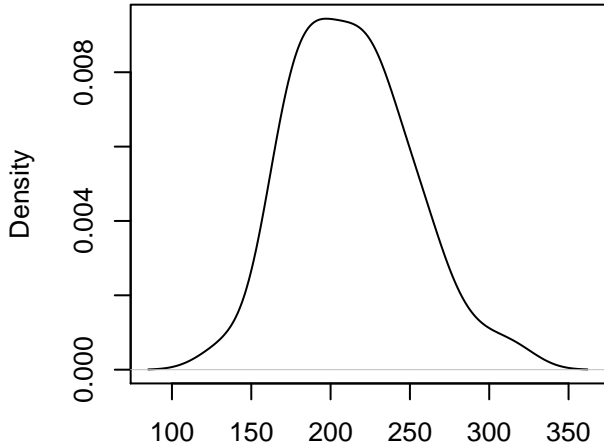
**Bp = 657 line = MAGIC.183 , Chr = 2**



Insert size, N =59  
breakpoint: 8547113 – 8547274 sf-2 col-0

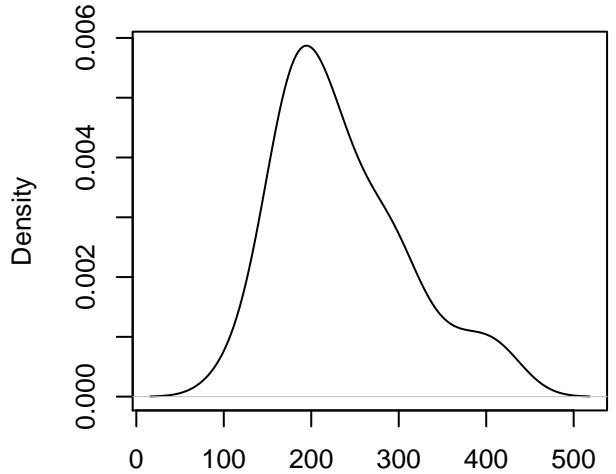


**Bp = 658 line = MAGIC.183 , Chr = 2**



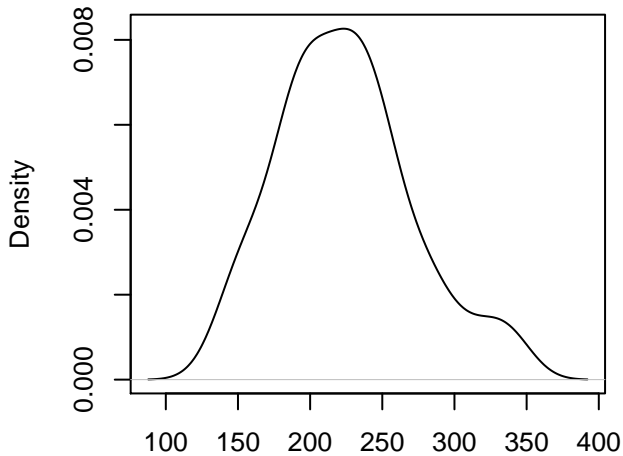
Insert size, N =42  
breakpoint: 8697758 – 8697961 col-0 bur-0

**Bp = 659 line = MAGIC.183 , Chr = 2**



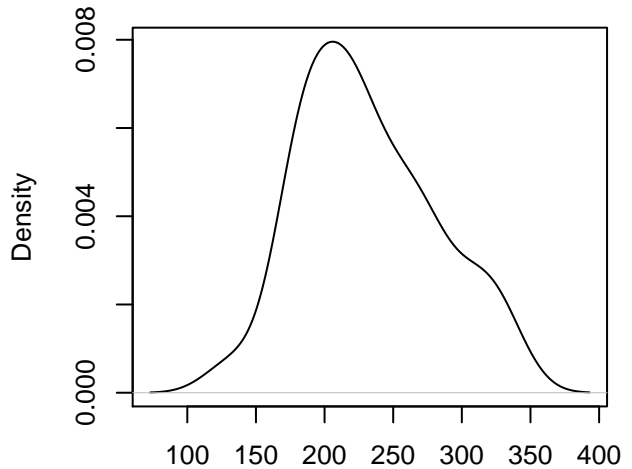
Insert size, N =44  
breakpoint: 8702038 – 8702086 bur-0 zu-0

**Bp = 660 line = MAGIC.183 , Chr = 2**



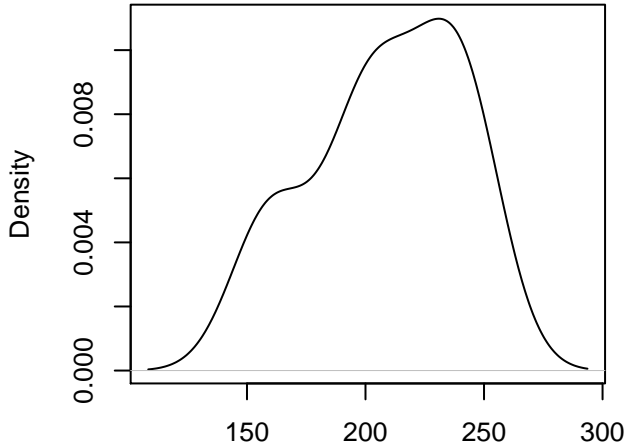
Insert size, N =77  
breakpoint: 8934796 – 8934857 zu-0 hi-0

**Bp = 661 line = MAGIC.183 , Chr = 2**



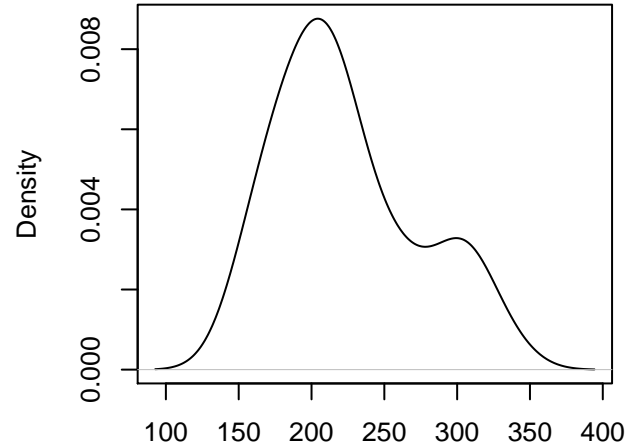
Insert size, N =64  
breakpoint: 9021447 – 9021472 hi-0 kn-0

**Bp = 662 line = MAGIC.183 , Chr = 2**



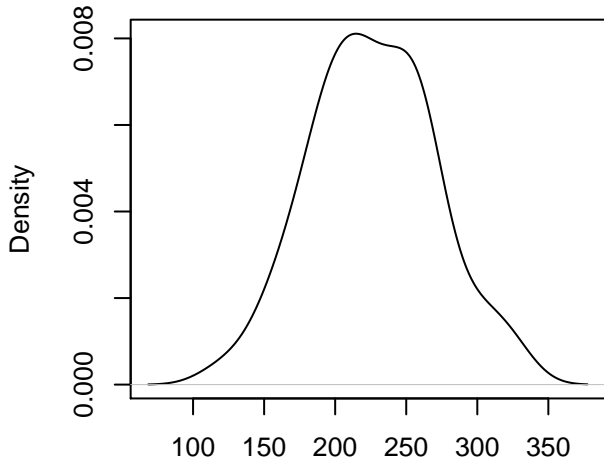
Insert size, N =15  
breakpoint: 9039409 – 9039431 kn-0 oy-0

**Bp = 663 line = MAGIC.183 , Chr = 2**



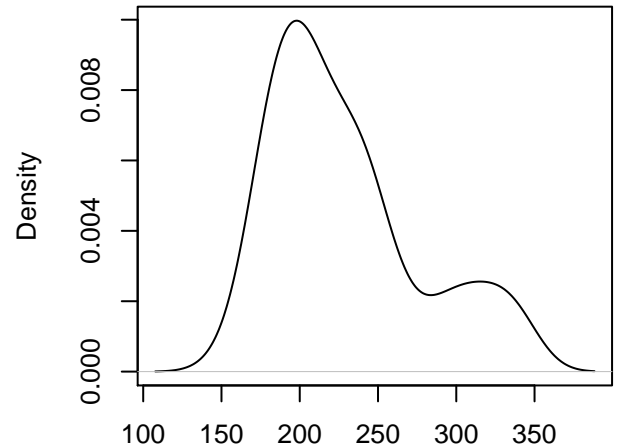
Insert size, N =47  
breakpoint: 9105858 – 9105884 oy-0 tsu-0

**Bp = 664 line = MAGIC.183 , Chr = 2**



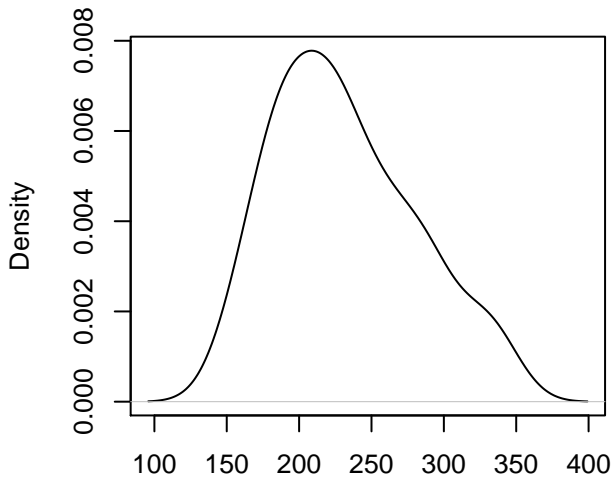
Insert size, N =63  
breakpoint: 9144563 – 9144855 tsu-0 hi-0

**Bp = 665 line = MAGIC.183 , Chr = 2**



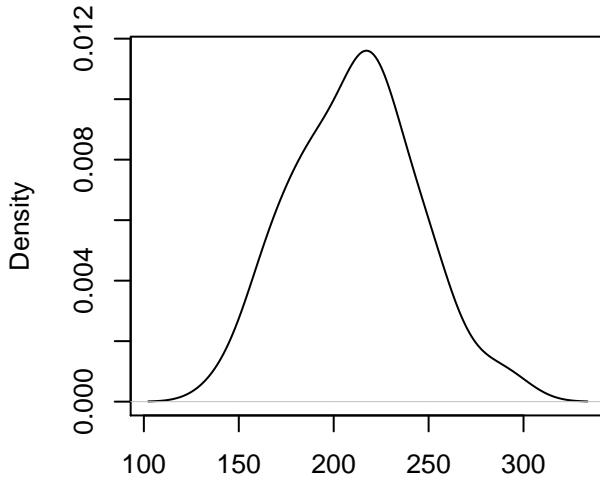
Insert size, N =60  
breakpoint: 9249085 – 9249086 hi-0 ws-0

**Bp = 666 line = MAGIC.183 , Chr = 2**



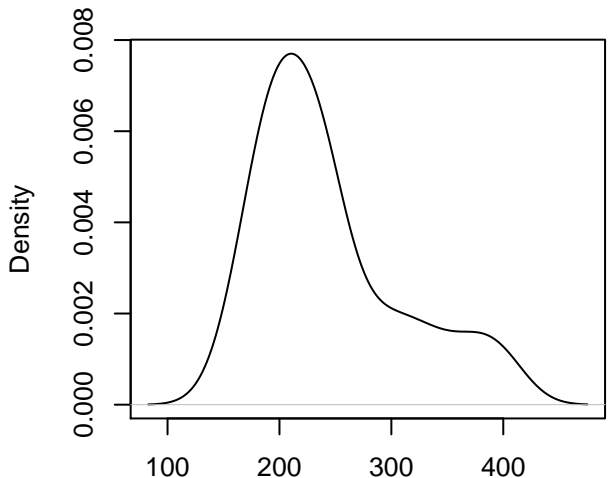
Insert size, N =65  
breakpoint: 9254555 – 9254682 ws-0 wil-2

**Bp = 667 line = MAGIC.183 , Chr = 2**



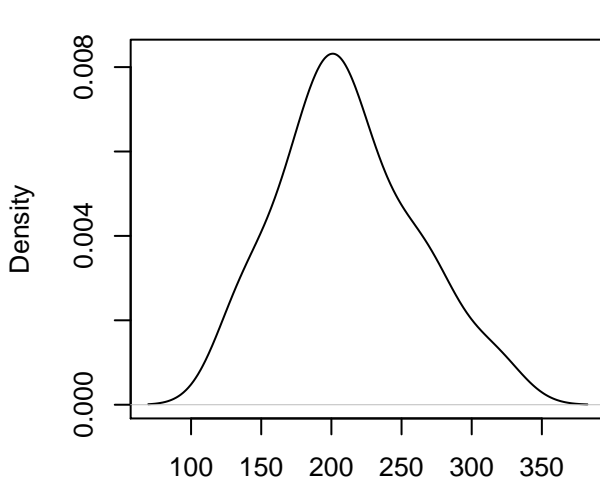
Insert size, N =47  
breakpoint: 9330326 – 9330327 wil-2 hi-0

**Bp = 668 line = MAGIC.183 , Chr = 2**



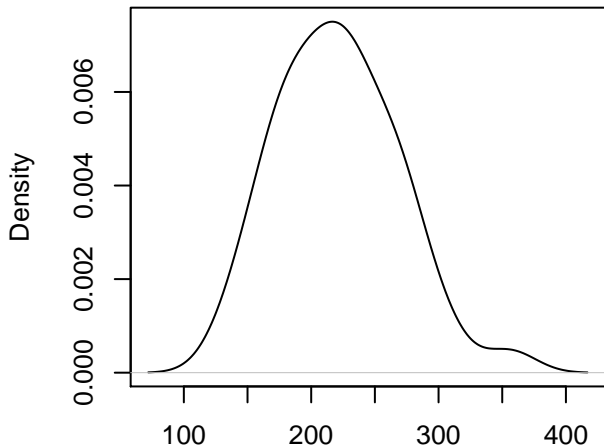
Insert size, N =50  
breakpoint: 9358548 – 9358841 hi-0 col-0

**Bp = 669 line = MAGIC.183 , Chr = 2**



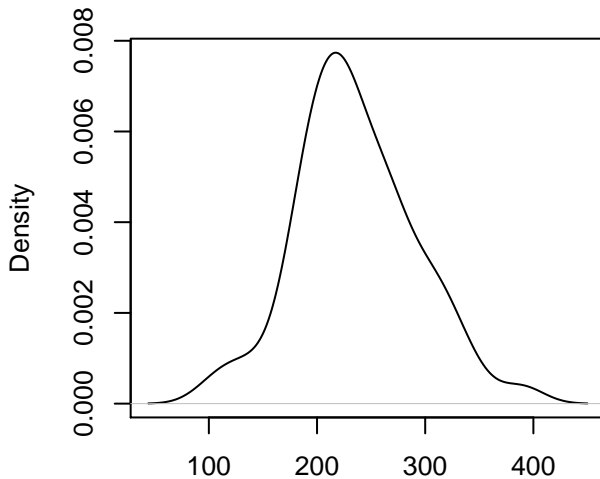
Insert size, N =36  
breakpoint: 9479609 – 9479774 col-0 wu-0

**Bp = 670 line = MAGIC.183 , Chr = 2**



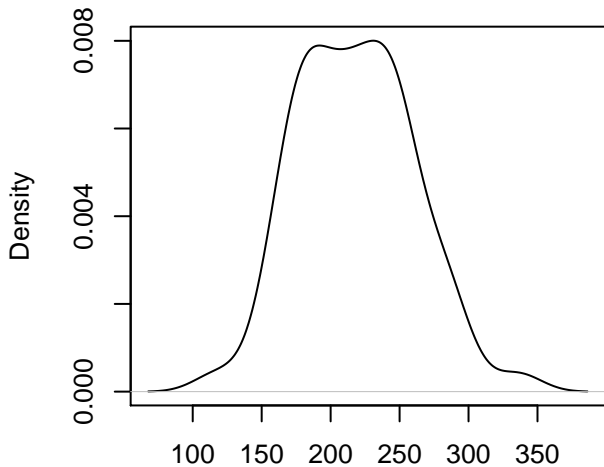
Insert size, N =42  
breakpoint: 9653254 – 9653258 wu-0 edi-0

**Bp = 671 line = MAGIC.183 , Chr = 2**



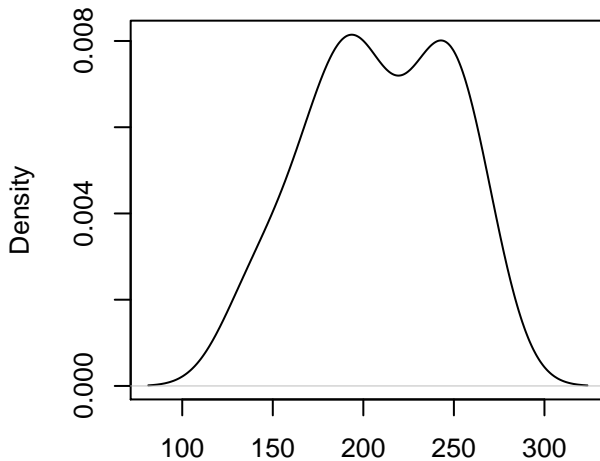
Insert size, N =52  
breakpoint: 9745780 – 9745868 edi-0 ct-1

**Bp = 672 line = MAGIC.183 , Chr = 2**



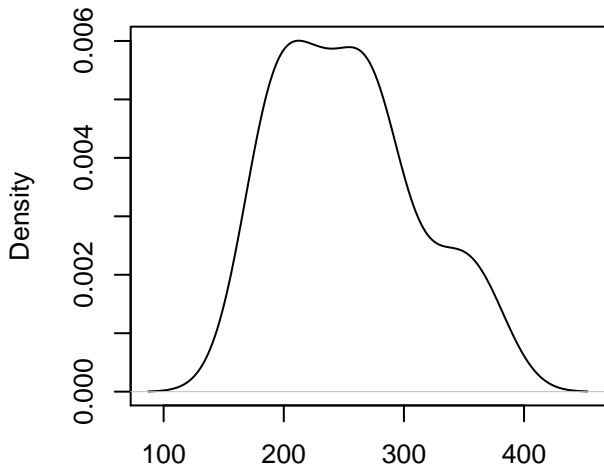
Insert size, N =58  
breakpoint: 9779078 – 9779084 ct-1 zu-0

**Bp = 673 line = MAGIC.183 , Chr = 2**



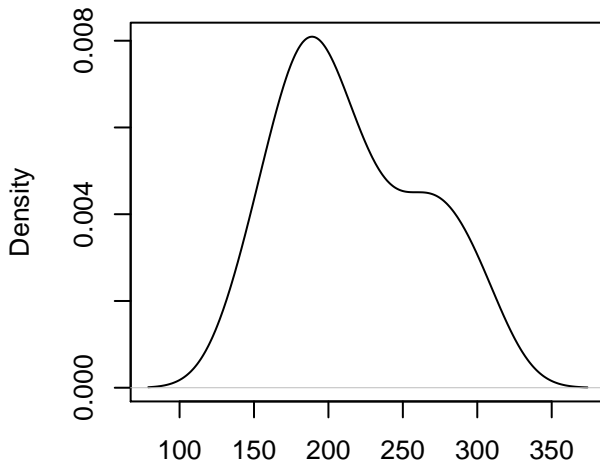
Insert size, N =36  
breakpoint: 9852456 – 9852463 zu-0 oy-0

**Bp = 674 line = MAGIC.183 , Chr = 2**



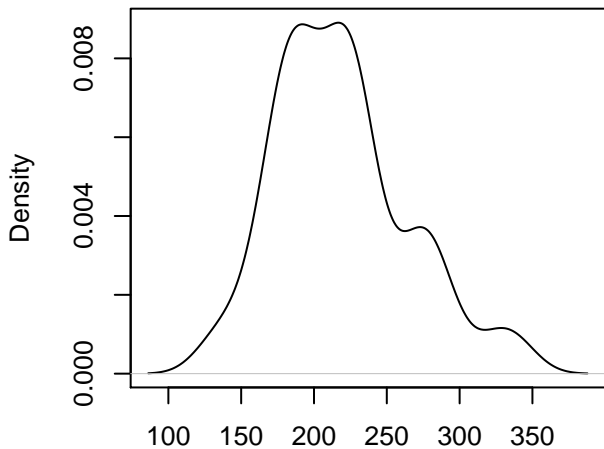
Insert size, N =57  
breakpoint: 9878122 – 9878212 oy-0 bur-0

**Bp = 675 line = MAGIC.183 , Chr = 2**



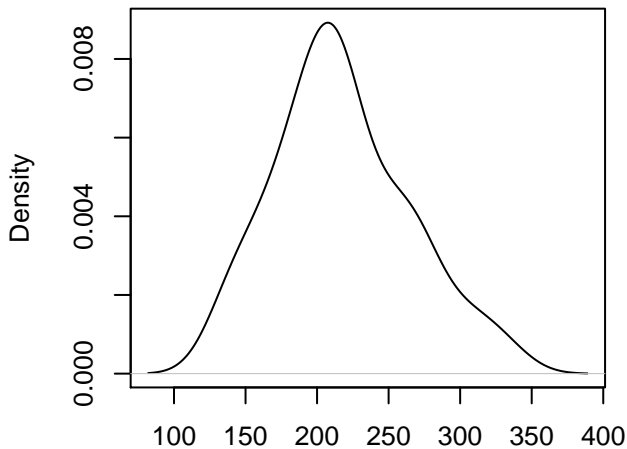
Insert size, N =43  
breakpoint: 9901984 – 9901985 bur-0 ws-0

**Bp = 676 line = MAGIC.183 , Chr = 2**



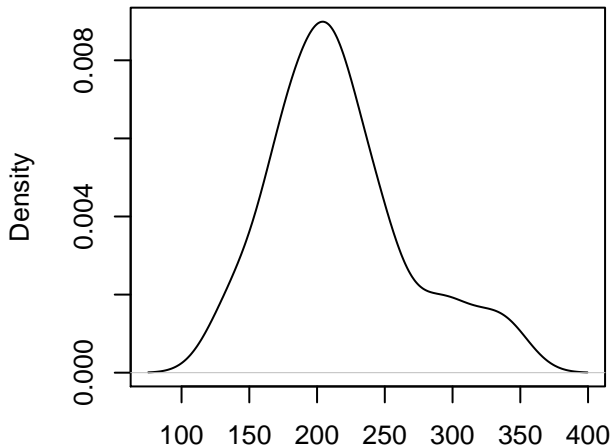
Insert size, N =61  
breakpoint: 9919376 – 9919400 ws-0 sf-2

**Bp = 677 line = MAGIC.183 , Chr = 2**



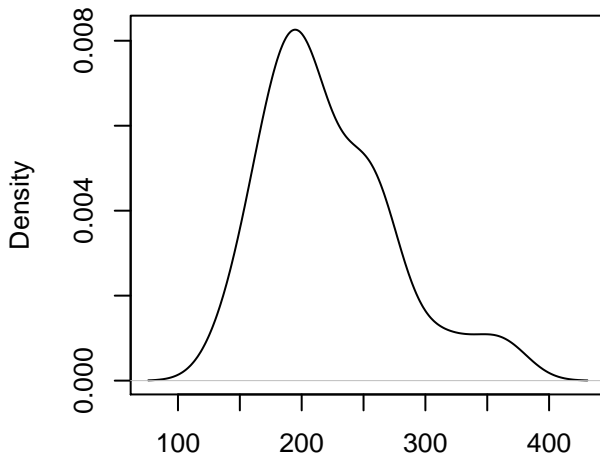
Insert size, N =52  
breakpoint: 9933587 – 9933593 sf-2 mt-0

**Bp = 678 line = MAGIC.183 , Chr = 2**



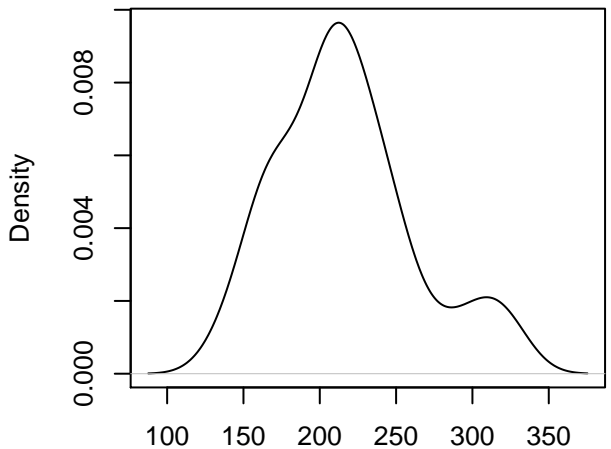
Insert size, N =45  
breakpoint: 10205023 – 10205188 mt-0 tsu-0

**Bp = 679 line = MAGIC.183 , Chr = 2**



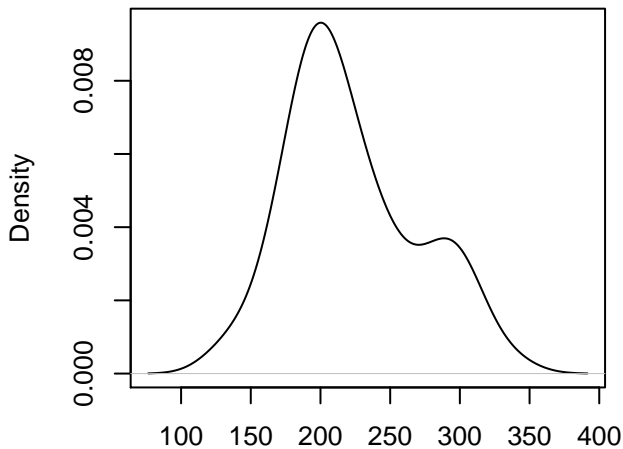
Insert size, N =72  
breakpoint: 10268140 – 10268183 tsu-0 rsch-4

**Bp = 680 line = MAGIC.183 , Chr = 2**



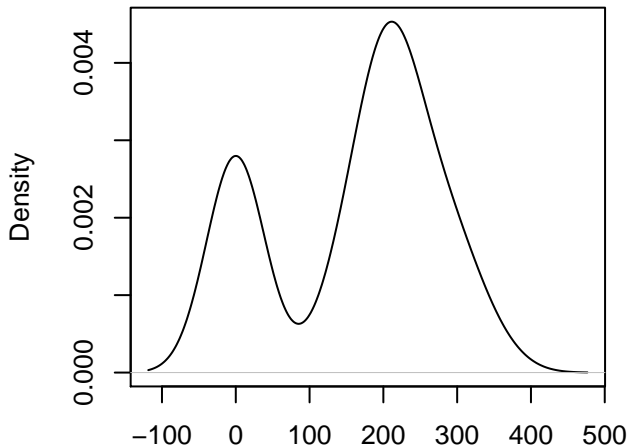
Insert size, N =47  
breakpoint: 10282813 – 10282839 rsch-4 bur-0

**Bp = 681 line = MAGIC.183 , Chr = 2**



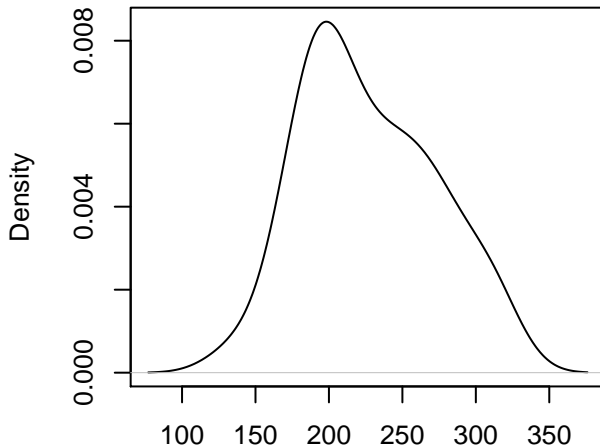
Insert size, N =66  
breakpoint: 10302849 – 10303738 bur-0 can-0

**Bp = 682 line = MAGIC.183 , Chr = 2**



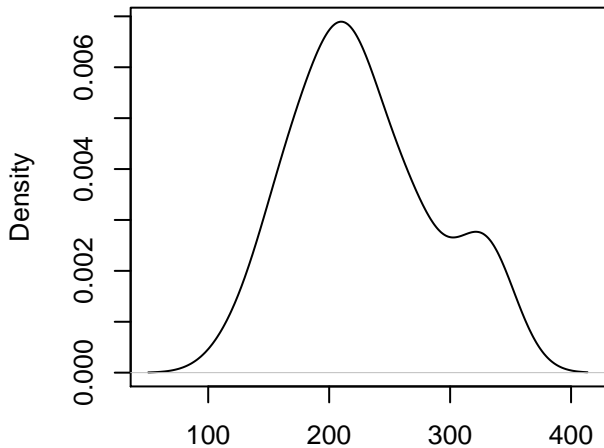
Insert size, N =101  
breakpoint: 10314351 – 10314432 can-0 col-0

**Bp = 683 line = MAGIC.183 , Chr = 2**



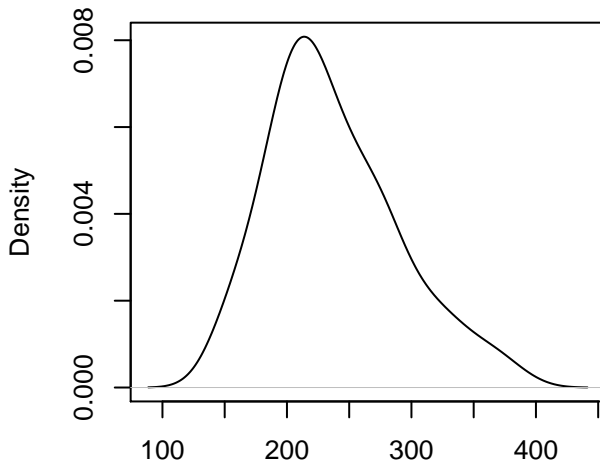
Insert size, N =38  
breakpoint: 10422050 – 10422064 col-0 wil-2

**Bp = 684 line = MAGIC.183 , Chr = 2**



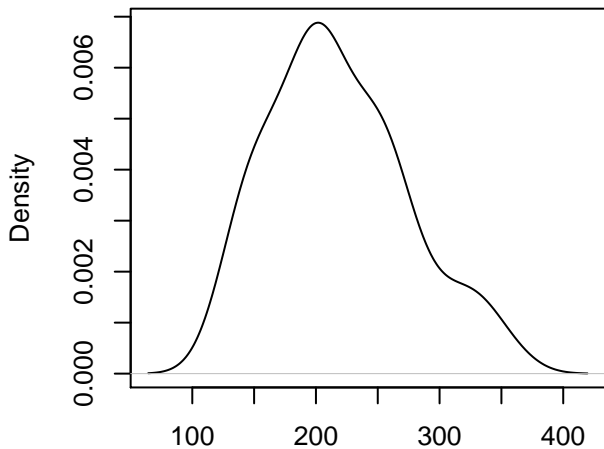
Insert size, N =45  
breakpoint: 10464219 – 10464229 wil-2 edi-0

**Bp = 685 line = MAGIC.183 , Chr = 2**



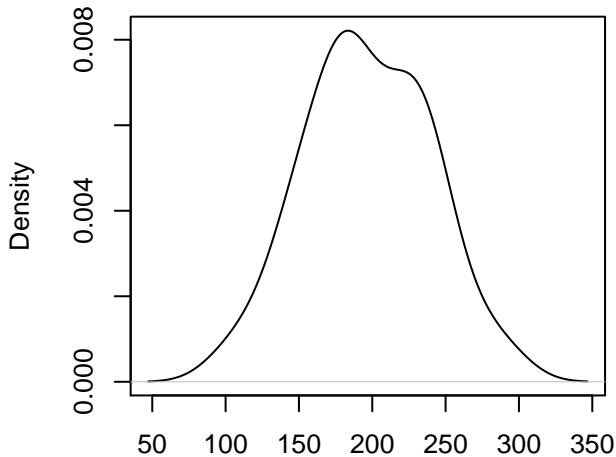
Insert size, N =109  
breakpoint: 10533766 – 10533800 edi-0 oy-0

**Bp = 686 line = MAGIC.183 , Chr = 2**



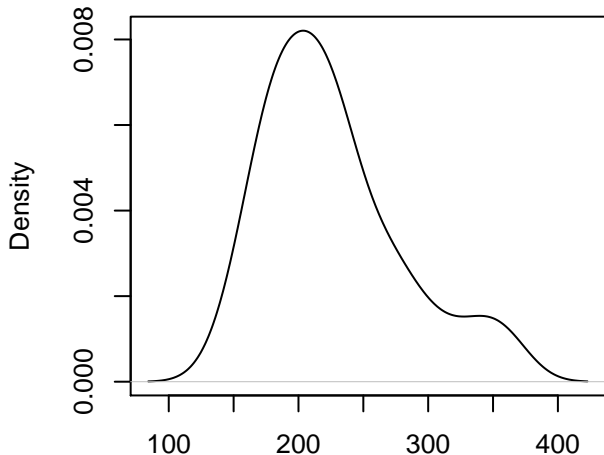
Insert size, N =57  
breakpoint: 10572210 – 10572234 oy-0 col-0

**Bp = 687 line = MAGIC.183 , Chr = 2**



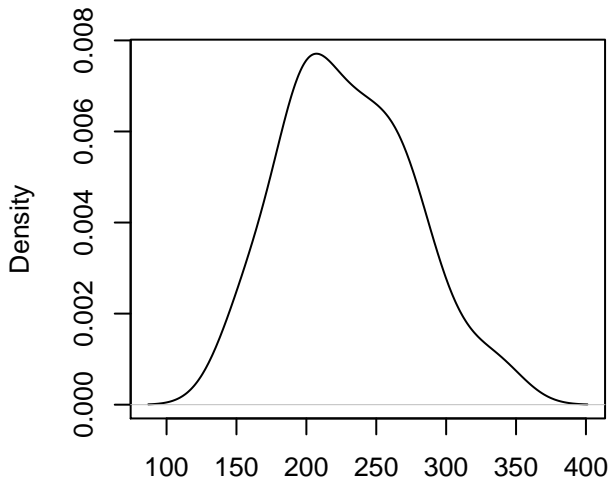
Insert size, N =28  
breakpoint: 10667815 – 10668185 col-0 hi-0

**Bp = 688 line = MAGIC.183 , Chr = 2**



Insert size, N =50  
breakpoint: 10696040 – 10696065 hi-0 ler-0

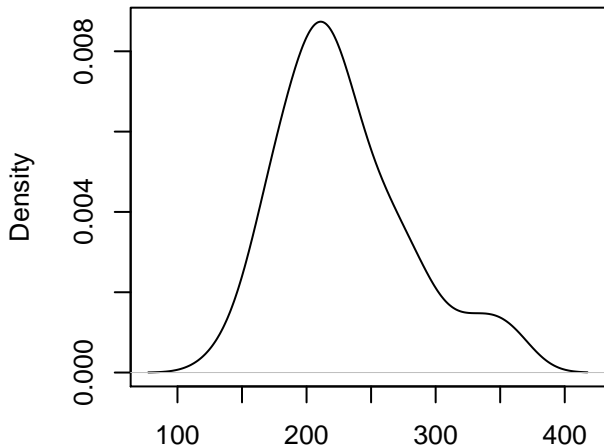
**Bp = 689 line = MAGIC.183 , Chr = 2**



Insert size, N =43  
breakpoint: 10702502 – 10702532 ler-0 can-0

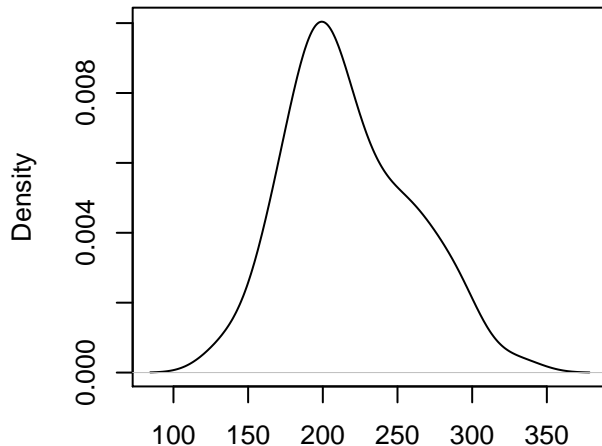


**Bp = 690 line = MAGIC.183 , Chr = 2**



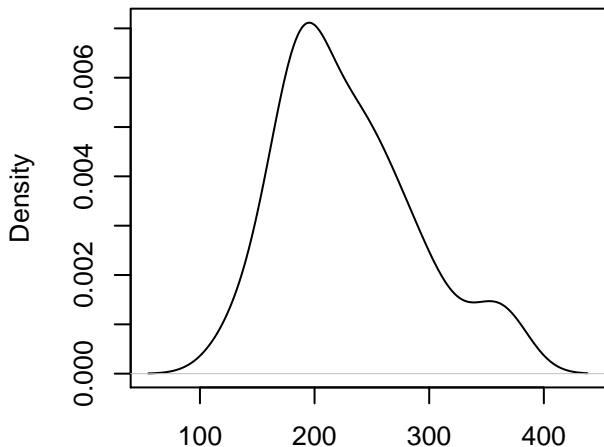
Insert size, N =77  
breakpoint: 10725038 – 10725040 can-0 hi-0

**Bp = 691 line = MAGIC.183 , Chr = 2**



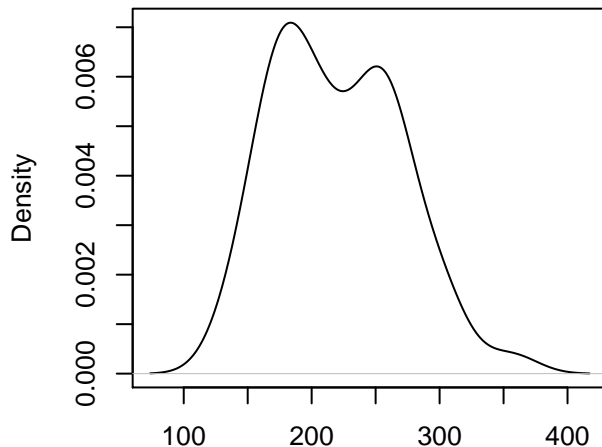
Insert size, N =72  
breakpoint: 10740746 – 10740747 hi-0 kn-0

**Bp = 692 line = MAGIC.183 , Chr = 2**



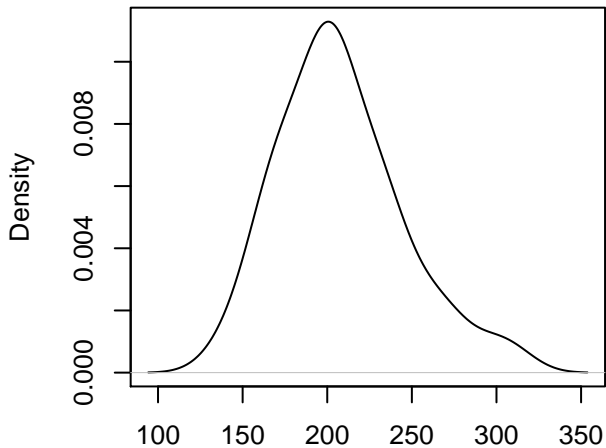
Insert size, N =46  
breakpoint: 10744895 – 10744908 kn-0 ct-1

**Bp = 693 line = MAGIC.183 , Chr = 2**



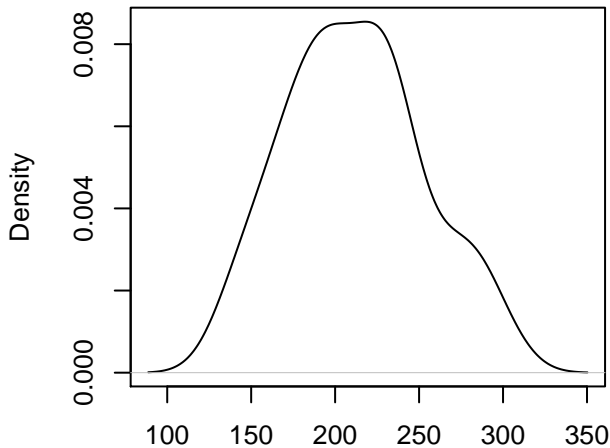
Insert size, N =51  
breakpoint: 10748993 – 10748999 ct-1 can-0

**Bp = 694 line = MAGIC.183 , Chr = 2**



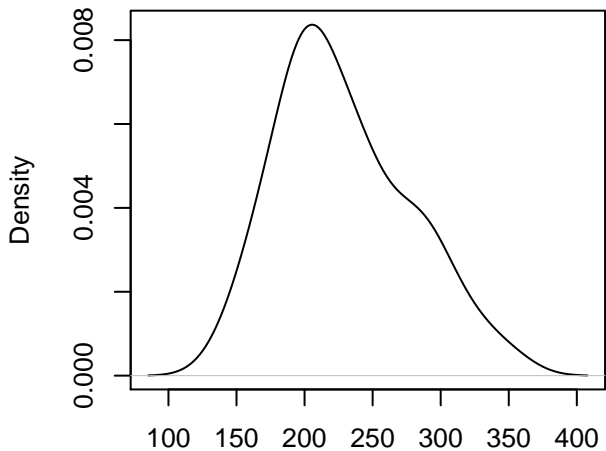
Insert size, N =47  
breakpoint: 10765794 – 10765830 can-0 edi-0

**Bp = 695 line = MAGIC.183 , Chr = 2**



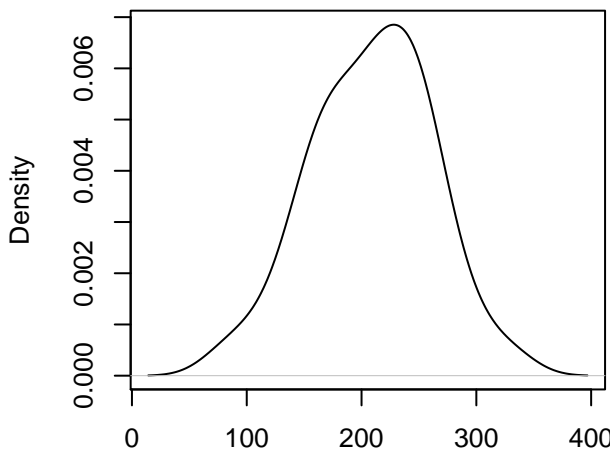
Insert size, N =50  
breakpoint: 10859613 – 10859650 edi-0 hi-0

**Bp = 696 line = MAGIC.183 , Chr = 2**



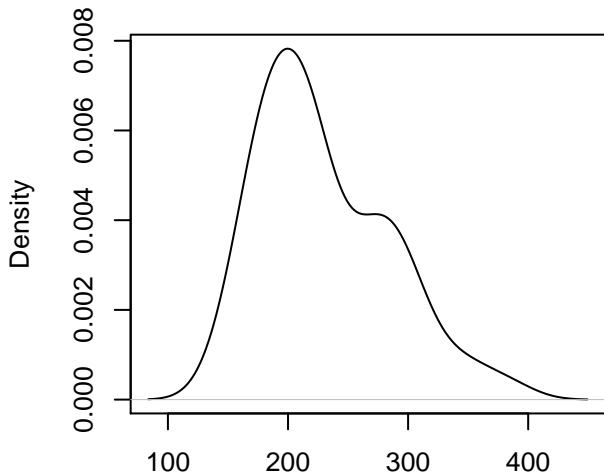
Insert size, N =47  
breakpoint: 11118794 – 11118984 hi-0 oy-0

**Bp = 697 line = MAGIC.183 , Chr = 2**



Insert size, N =38  
breakpoint: 11207037 – 11207052 oy-0 bur-0

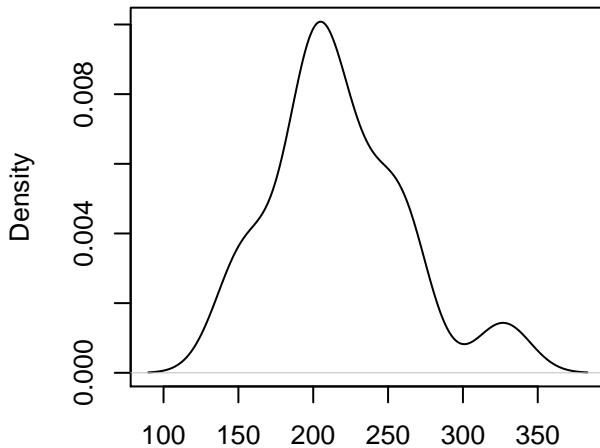
**Bp = 698 line = MAGIC.183 , Chr = 2**



Insert size, N =53

breakpoint: 11216955 – 11217031 bur-0 po-0

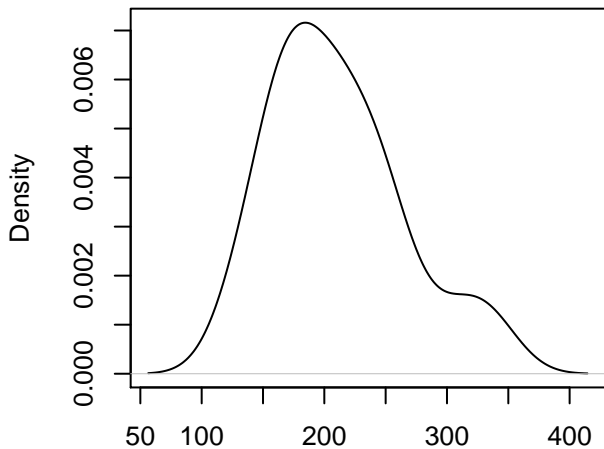
**Bp = 699 line = MAGIC.183 , Chr = 2**



Insert size, N =31

breakpoint: 11224633 – 11224641 po-0 bur-0

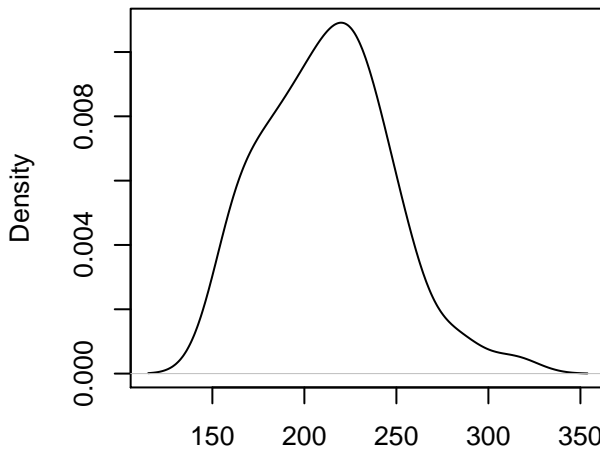
**Bp = 700 line = MAGIC.183 , Chr = 2**



Insert size, N =34

breakpoint: 11326715 – 11326731 bur-0 po-0

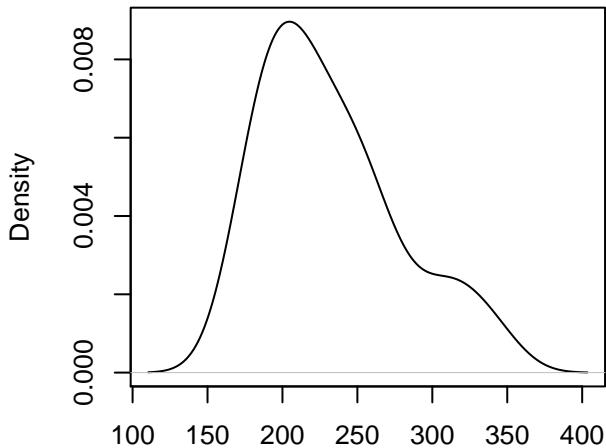
**Bp = 701 line = MAGIC.183 , Chr = 2**



Insert size, N =61

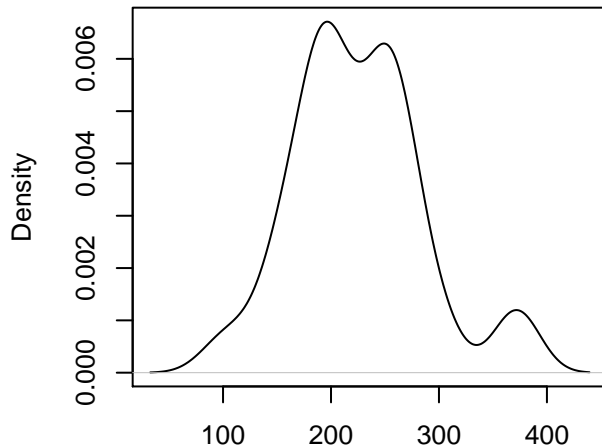
breakpoint: 11443882 – 11443909 po-0 bur-0

**Bp = 702 line = MAGIC.183 , Chr = 2**



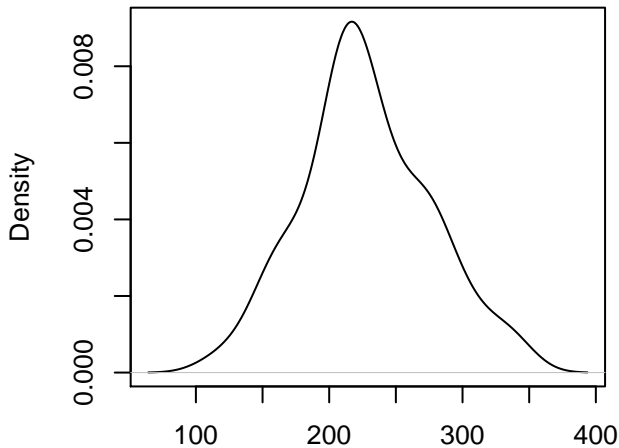
Insert size, N =63  
breakpoint: 11482594 – 11482879 bur-0 kn-0

**Bp = 703 line = MAGIC.183 , Chr = 2**



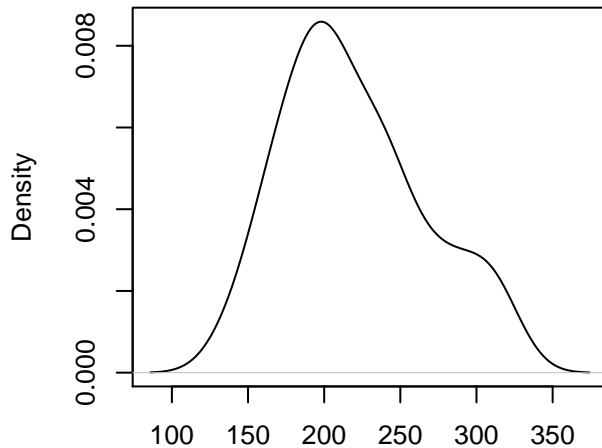
Insert size, N =47  
breakpoint: 11502958 – 11503004 kn-0 bur-0

**Bp = 704 line = MAGIC.183 , Chr = 2**



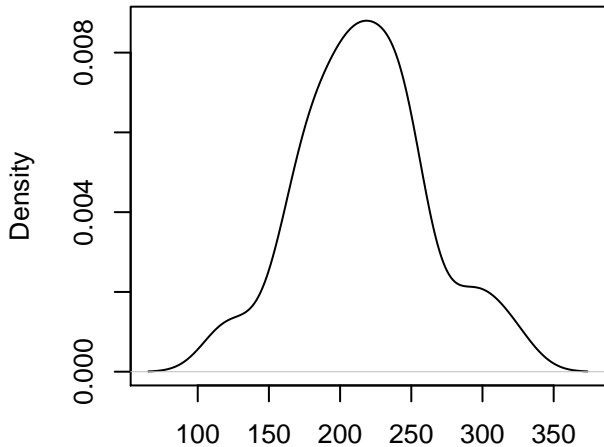
Insert size, N =66  
breakpoint: 11569442 – 11569448 bur-0 wu-0

**Bp = 705 line = MAGIC.183 , Chr = 2**



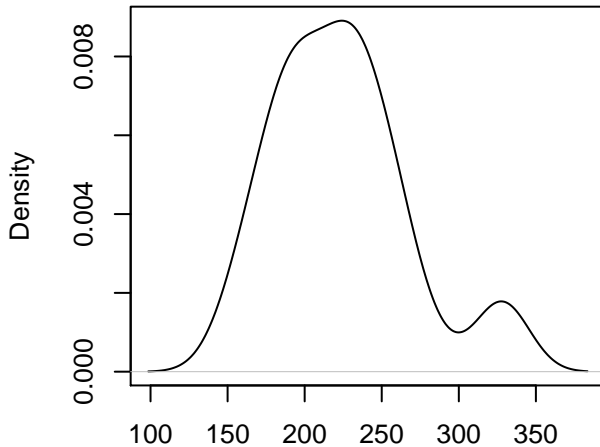
Insert size, N =68  
breakpoint: 11593296 – 11593356 wu-0 bur-0

**Bp = 706 line = MAGIC.183 , Chr = 2**



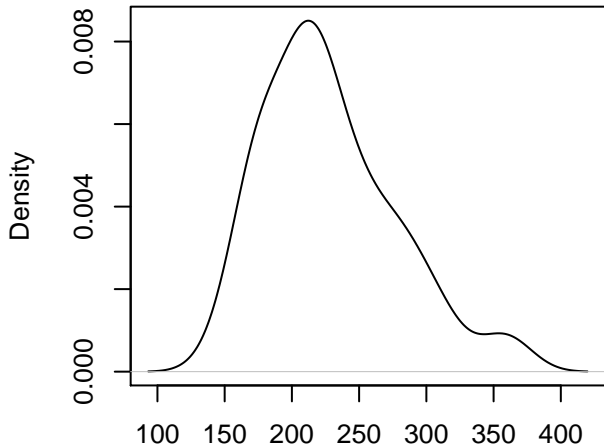
Insert size, N =60  
breakpoint: 11674459 – 11674475 bur-0 zu-0

**Bp = 707 line = MAGIC.183 , Chr = 2**



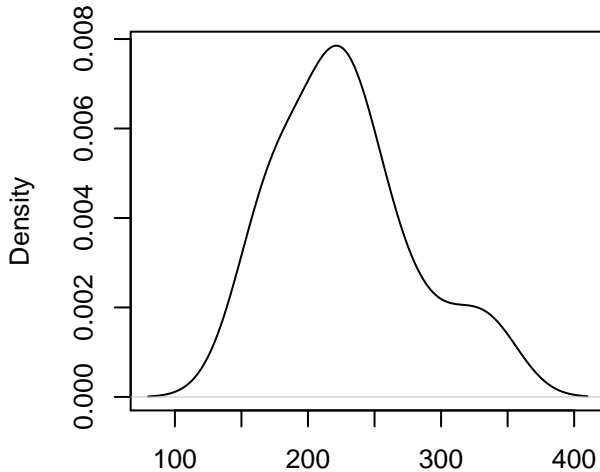
Insert size, N =51  
breakpoint: 11706611 – 11706689 zu-0 can-0

**Bp = 708 line = MAGIC.183 , Chr = 2**



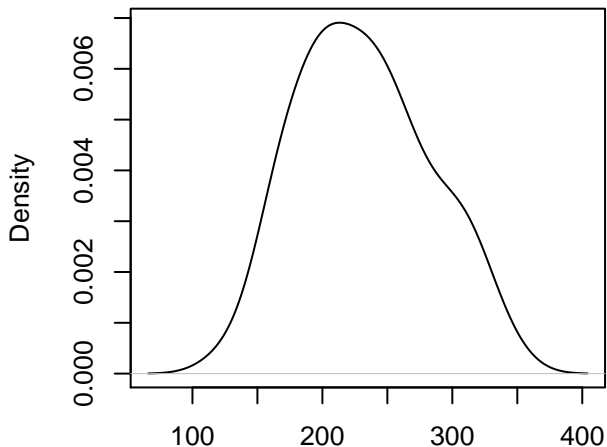
Insert size, N =71  
breakpoint: 11720940 – 11720944 can-0 bur-0

**Bp = 709 line = MAGIC.183 , Chr = 2**



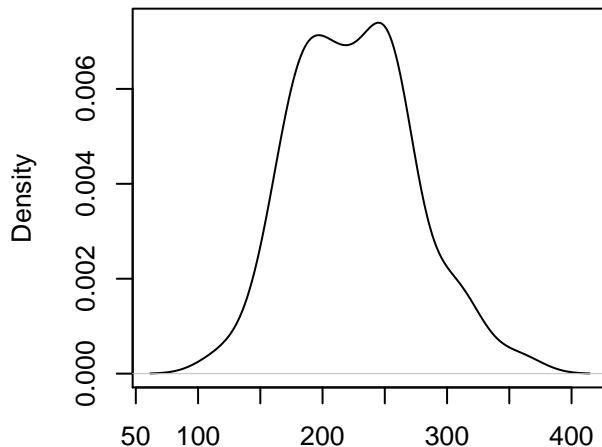
Insert size, N =22  
breakpoint: 11752483 – 11752723 bur-0 rsch-4

**Bp = 710 line = MAGIC.183 , Chr = 2**



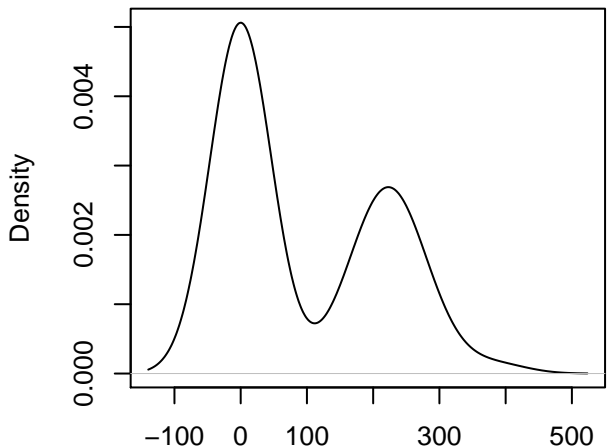
Insert size, N =73  
breakpoint: 11775970 – 11775996 rsch-4 mt-0

**Bp = 711 line = MAGIC.183 , Chr = 2**



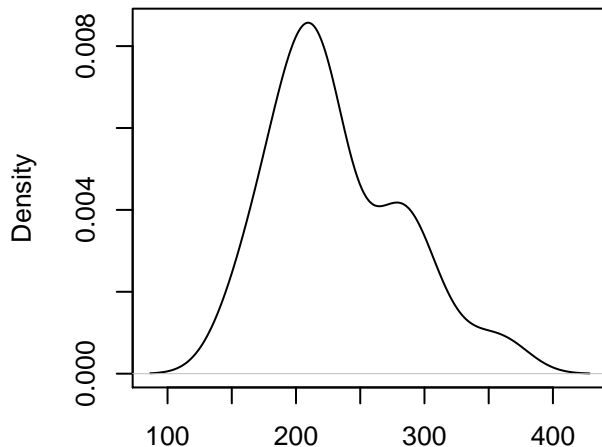
Insert size, N =56  
breakpoint: 11824281 – 11824298 mt-0 ws-0

**Bp = 712 line = MAGIC.183 , Chr = 2**



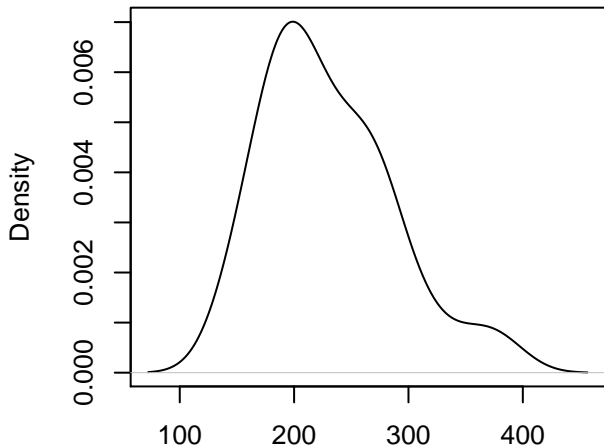
Insert size, N =61  
breakpoint: 11835799 – 11835801 ws-0 kn-0

**Bp = 713 line = MAGIC.183 , Chr = 2**



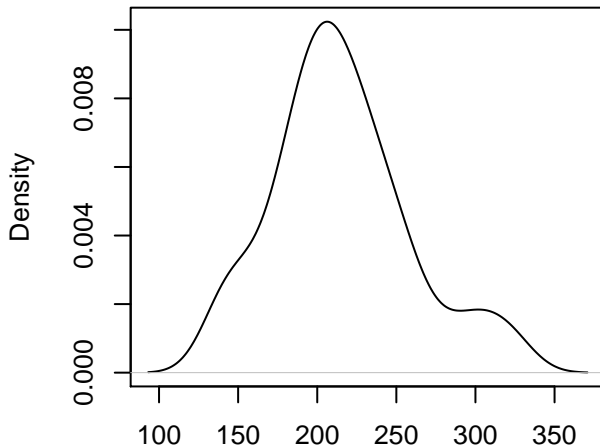
Insert size, N =47  
breakpoint: 11884227 – 11884457 kn-0 rsch-4

**Bp = 714 line = MAGIC.183 , Chr = 2**



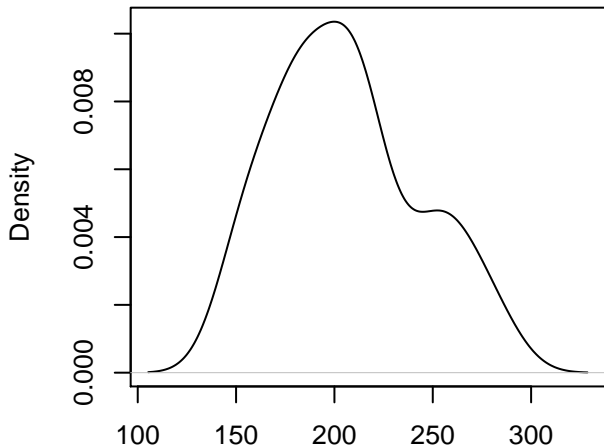
Insert size, N =37  
breakpoint: 11932146 – 11932190 rsch-4 hi-0

**Bp = 715 line = MAGIC.183 , Chr = 2**



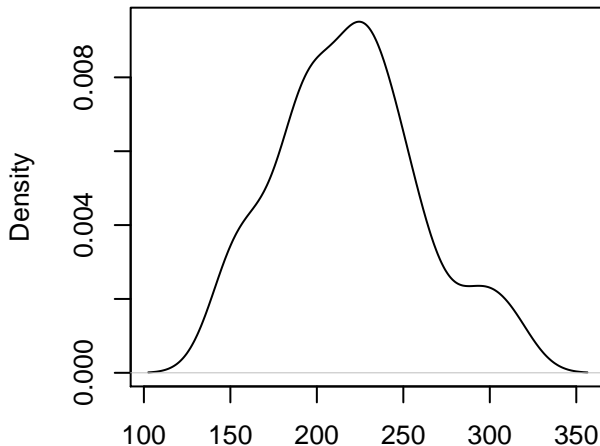
Insert size, N =54  
breakpoint: 11971781 – 11971917 hi-0 bur-0

**Bp = 716 line = MAGIC.183 , Chr = 2**



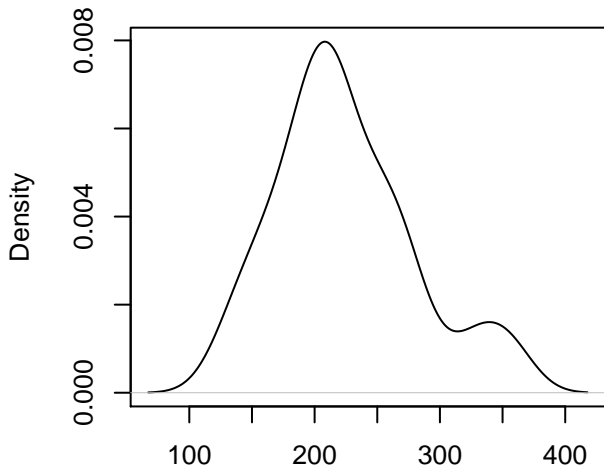
Insert size, N =56  
breakpoint: 12007702 – 12007713 bur-0 hi-0

**Bp = 717 line = MAGIC.183 , Chr = 2**



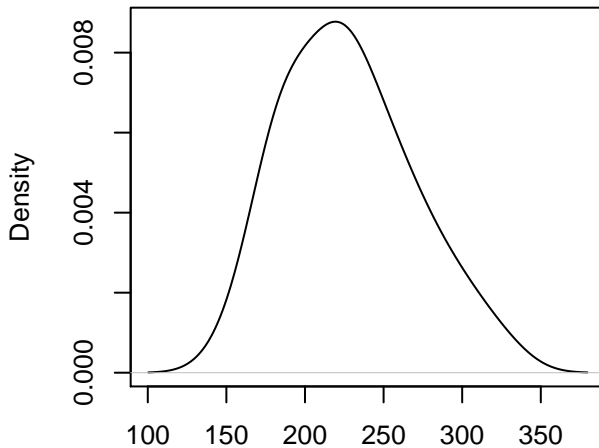
Insert size, N =49  
breakpoint: 12023269 – 12023464 hi-0 zu-0

**Bp = 718 line = MAGIC.183 , Chr = 2**



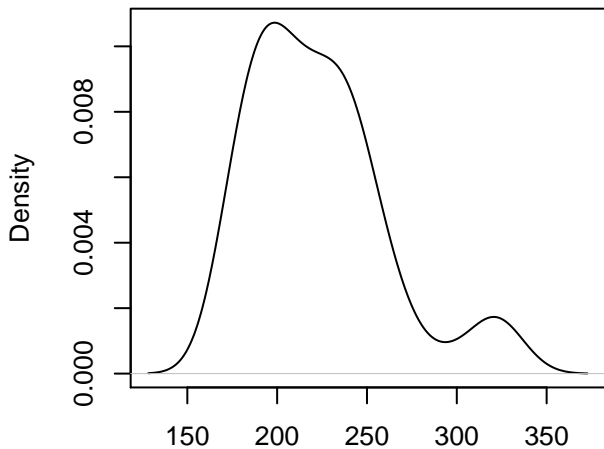
Insert size, N =48  
breakpoint: 12091657 – 12091774 zu-0 tsu-0

**Bp = 719 line = MAGIC.183 , Chr = 2**



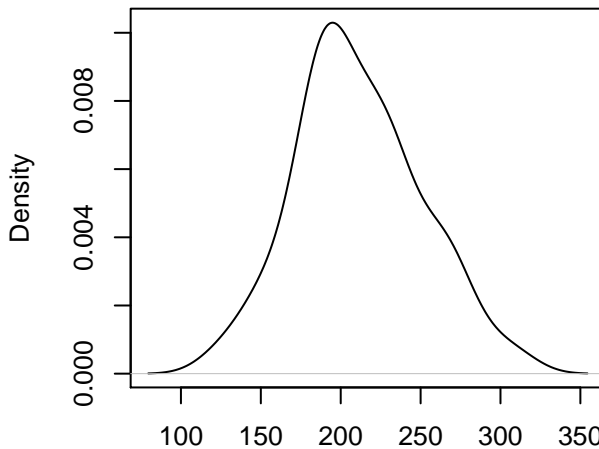
Insert size, N =38  
breakpoint: 12154084 – 12154115 tsu-0 sf-2

**Bp = 720 line = MAGIC.183 , Chr = 2**



Insert size, N =66  
breakpoint: 12171983 – 12172051 sf-2 zu-0

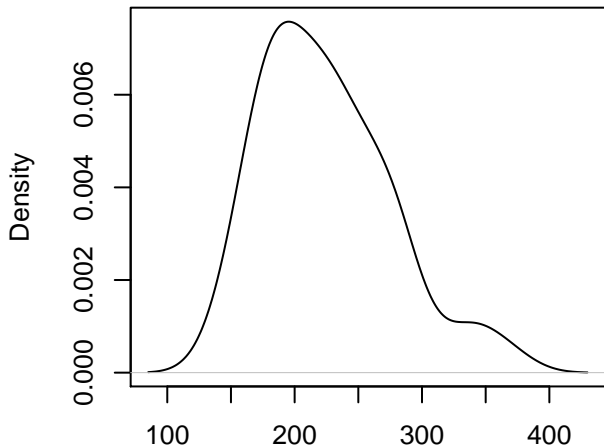
**Bp = 721 line = MAGIC.183 , Chr = 2**



Insert size, N =40  
breakpoint: 12241991 – 12242096 zu-0 tsu-0

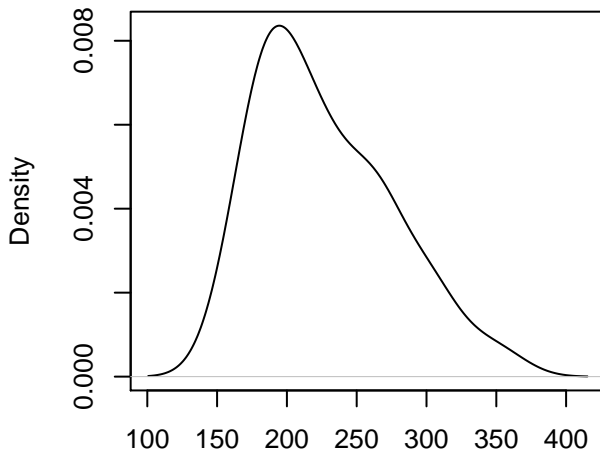


**Bp = 722 line = MAGIC.183 , Chr = 2**



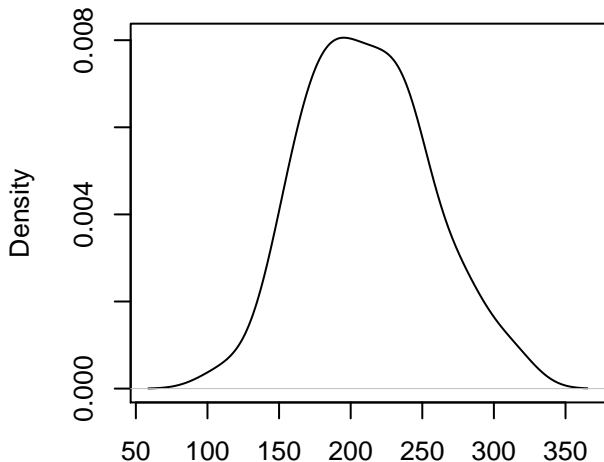
Insert size, N =45  
breakpoint: 12288280 – 12288297 tsu-0 ws-0

**Bp = 723 line = MAGIC.183 , Chr = 2**



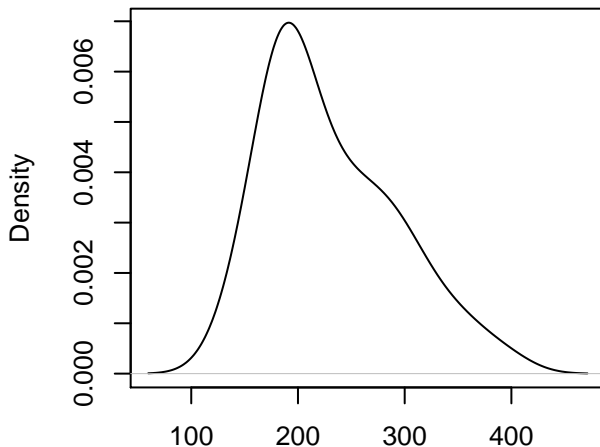
Insert size, N =52  
breakpoint: 12419844 – 12419846 ws-0 rsch-4

**Bp = 724 line = MAGIC.183 , Chr = 2**



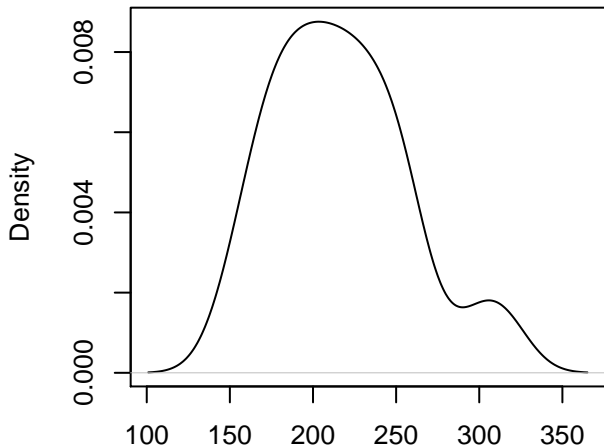
Insert size, N =62  
breakpoint: 12433975 – 12434033 rsch-4 oy-0

**Bp = 725 line = MAGIC.183 , Chr = 2**



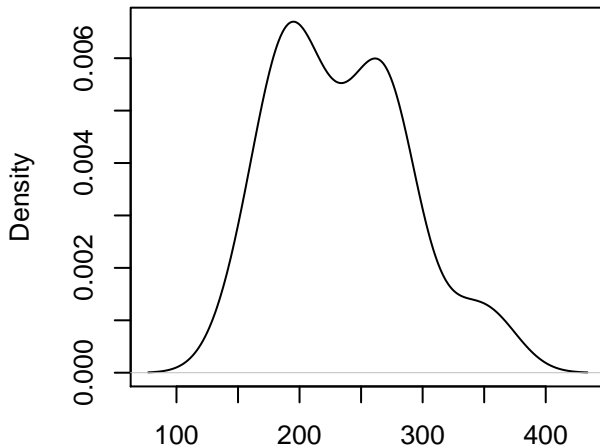
Insert size, N =44  
breakpoint: 12467389 – 12467399 oy-0 wil-2

**Bp = 726 line = MAGIC.183 , Chr = 2**



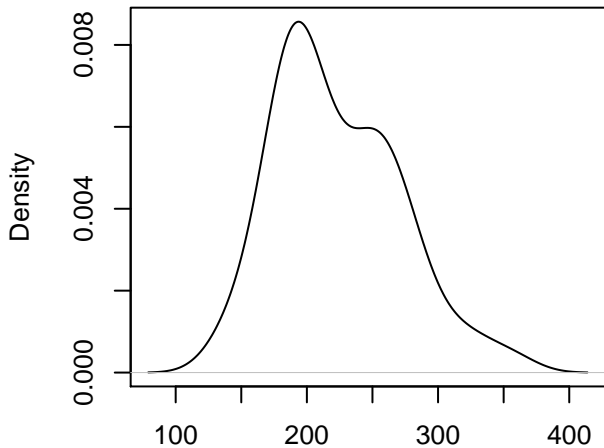
Insert size, N =58  
breakpoint: 12666016 – 12666090 wil-2 zu-0

**Bp = 727 line = MAGIC.183 , Chr = 2**



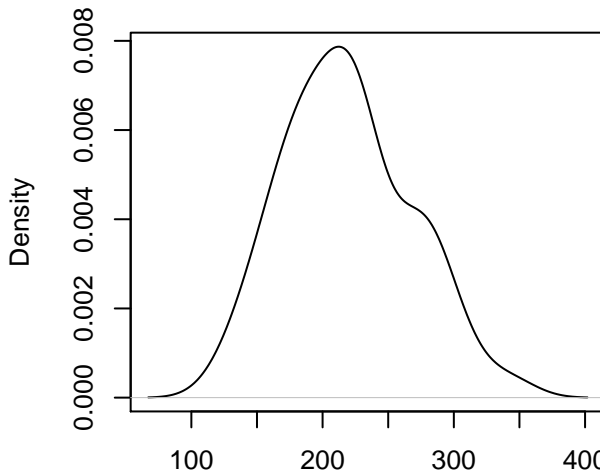
Insert size, N =39  
breakpoint: 12685179 – 12686201 zu-0 ct-1

**Bp = 728 line = MAGIC.183 , Chr = 2**



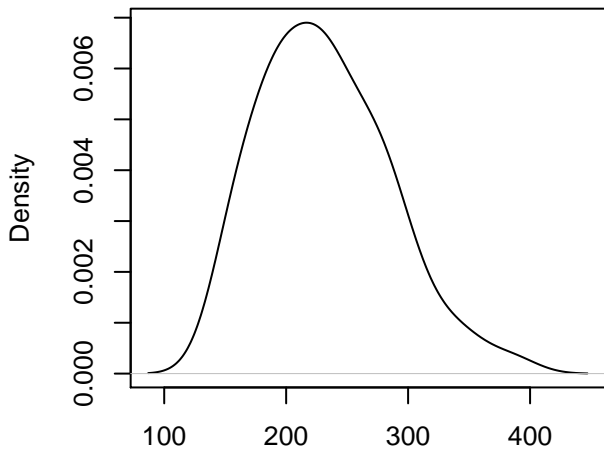
Insert size, N =64  
breakpoint: 12757693 – 12757732 ct-1 kn-0

**Bp = 729 line = MAGIC.183 , Chr = 2**



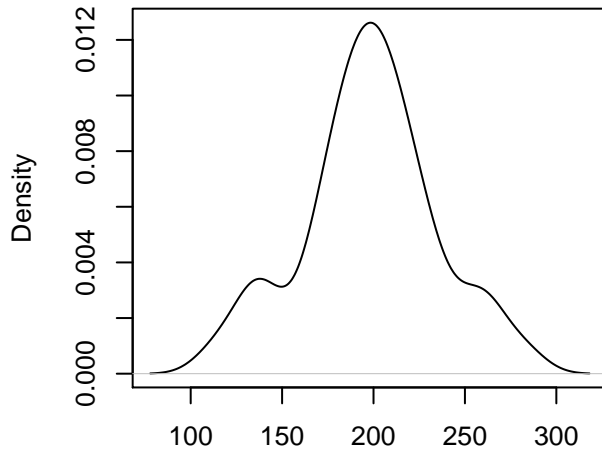
Insert size, N =48  
breakpoint: 12841170 – 12841238 kn-0 bur-0

**Bp = 730 line = MAGIC.183 , Chr = 2**



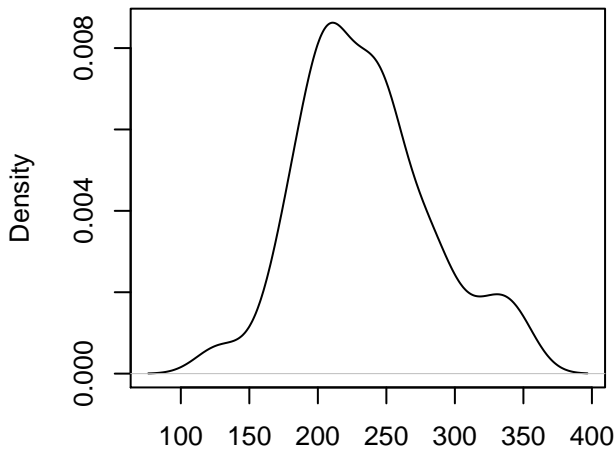
Insert size, N =63  
breakpoint: 12987257 – 12987459 bur-0 sf-2

**Bp = 731 line = MAGIC.183 , Chr = 2**



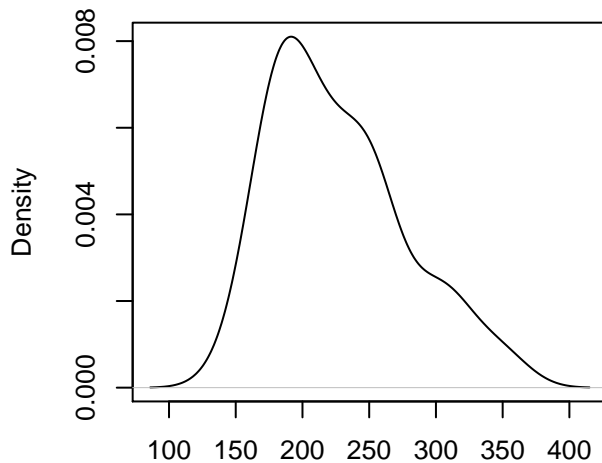
Insert size, N =40  
breakpoint: 13017649 – 13017678 sf-2 bur-0

**Bp = 732 line = MAGIC.183 , Chr = 2**



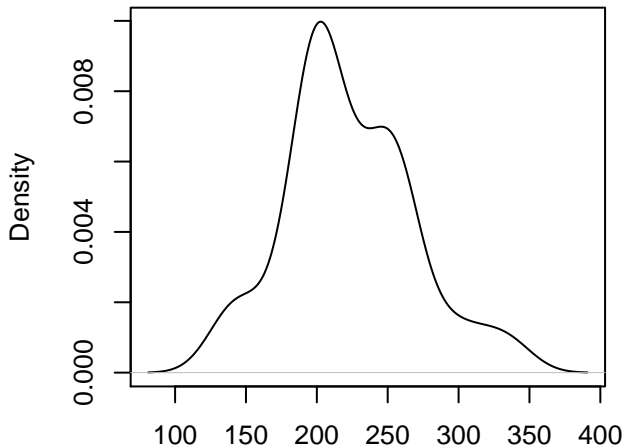
Insert size, N =79  
breakpoint: 13077250 – 13077873 bur-0 hi-0

**Bp = 733 line = MAGIC.183 , Chr = 2**



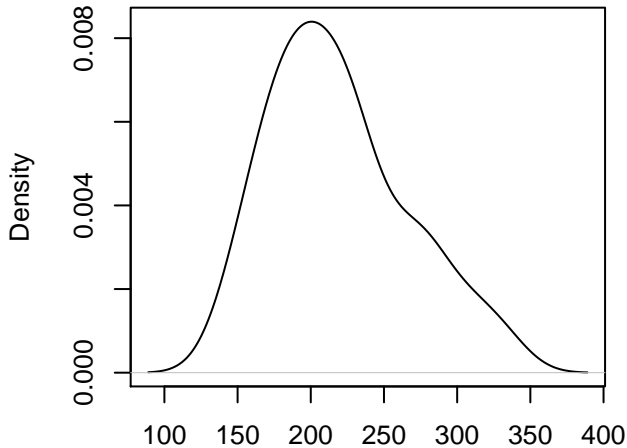
Insert size, N =49  
breakpoint: 13622831 – 13623037 hi-0 oy-0

**Bp = 734 line = MAGIC.183 , Chr = 2**



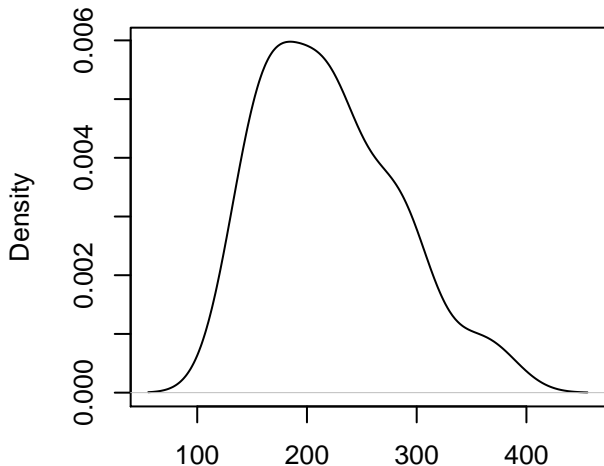
Insert size, N =51  
breakpoint: 13744920 – 13744959 oy-0 kn-0

**Bp = 735 line = MAGIC.183 , Chr = 2**



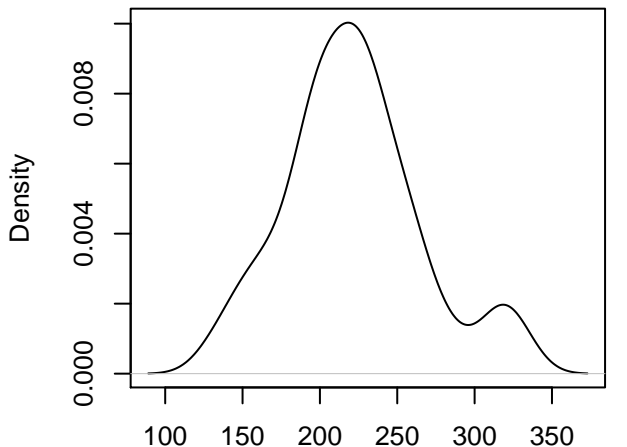
Insert size, N =48  
breakpoint: 13792975 – 13793028 kn-0 wil-2

**Bp = 736 line = MAGIC.183 , Chr = 2**



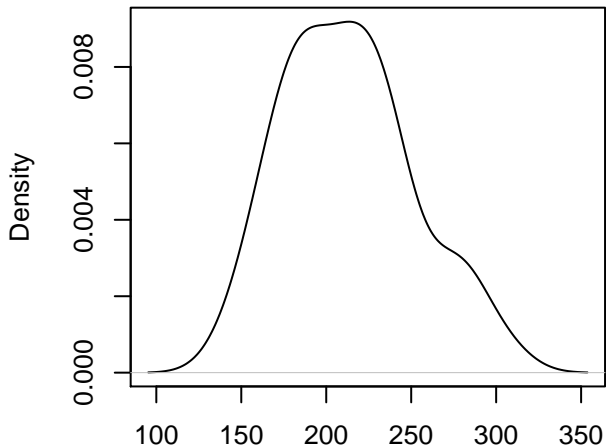
Insert size, N =51  
breakpoint: 13804135 – 13804186 wil-2 ws-0

**Bp = 737 line = MAGIC.183 , Chr = 2**



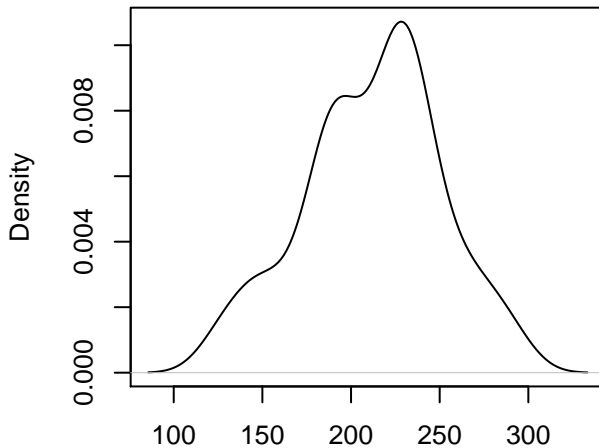
Insert size, N =54  
breakpoint: 13838482 – 13838503 ws-0 hi-0

**Bp = 738 line = MAGIC.183 , Chr = 2**



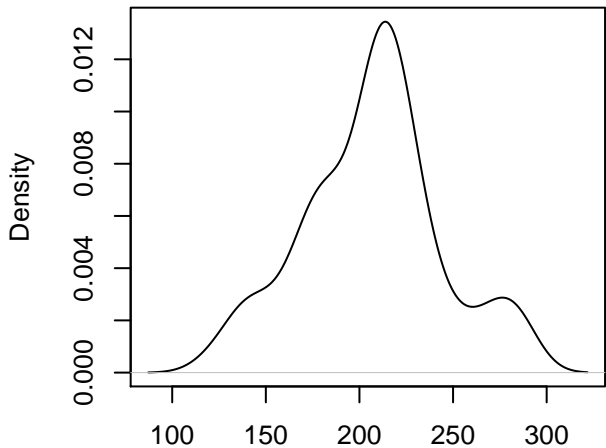
Insert size, N =48  
breakpoint: 13941138 – 13941148 hi-0 ct-1

**Bp = 739 line = MAGIC.183 , Chr = 2**



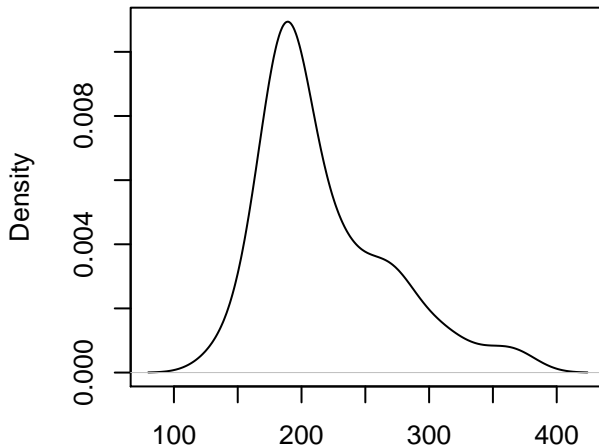
Insert size, N =52  
breakpoint: 13989699 – 13989709 ct-1 kn-0

**Bp = 740 line = MAGIC.183 , Chr = 2**



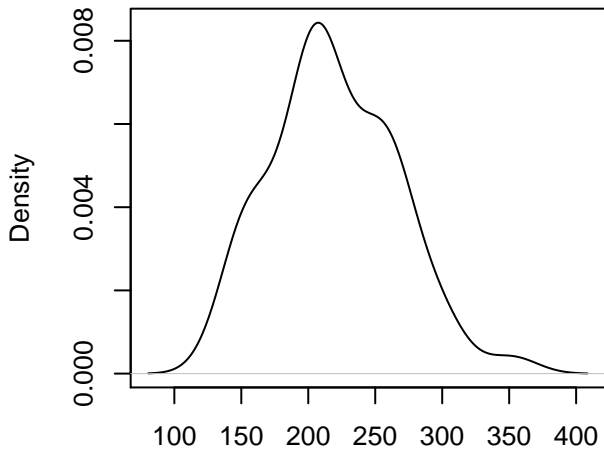
Insert size, N =57  
breakpoint: 14033361 – 14033366 kn-0 ler-0

**Bp = 741 line = MAGIC.183 , Chr = 2**



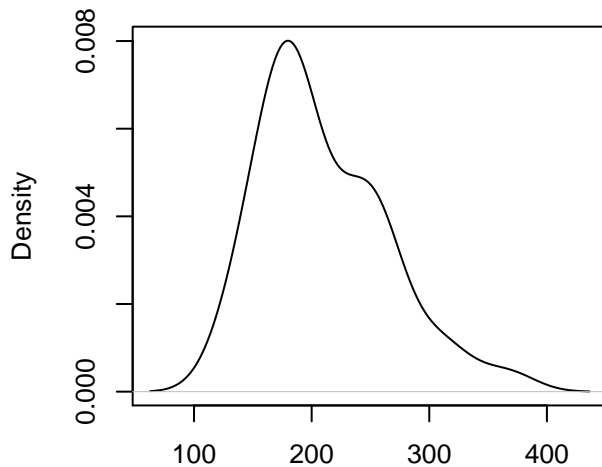
Insert size, N =61  
breakpoint: 14047125 – 14047302 ler-0 can-0

**Bp = 742 line = MAGIC.183 , Chr = 2**



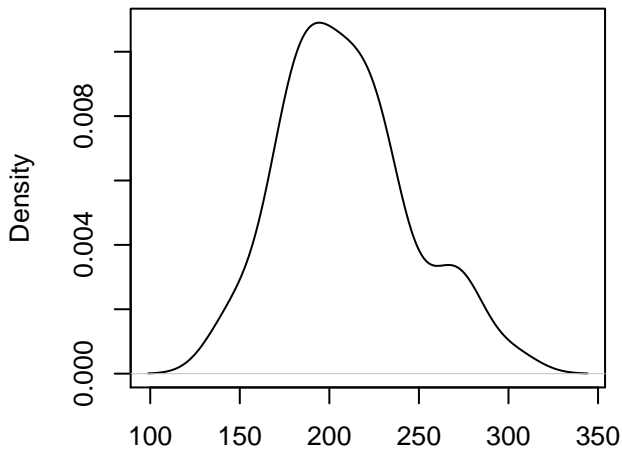
Insert size, N =53  
breakpoint: 14104187 – 14104204 can-0 kn-0

**Bp = 743 line = MAGIC.183 , Chr = 2**



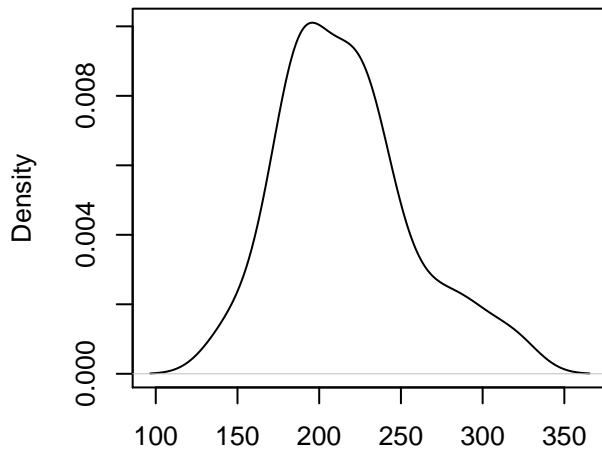
Insert size, N =38  
breakpoint: 14283655 – 14283686 kn-0 ct-1

**Bp = 744 line = MAGIC.183 , Chr = 2**



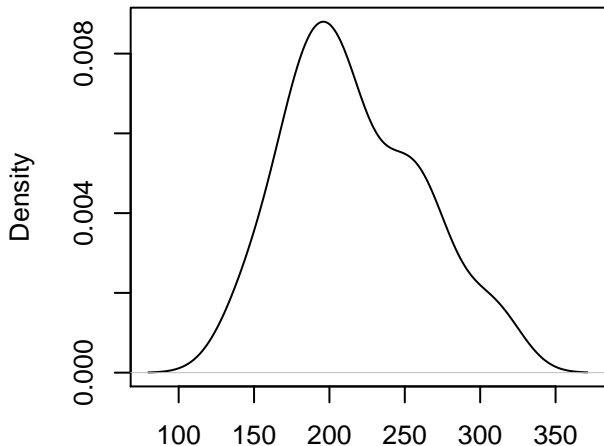
Insert size, N =48  
breakpoint: 14322783 – 14323221 ct-1 tsu-0

**Bp = 745 line = MAGIC.183 , Chr = 2**



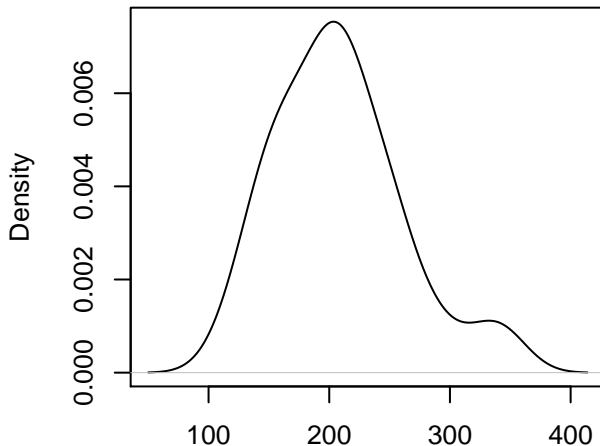
Insert size, N =27  
breakpoint: 14389345 – 14389350 tsu-0 sf-2

**Bp = 746 line = MAGIC.183 , Chr = 2**



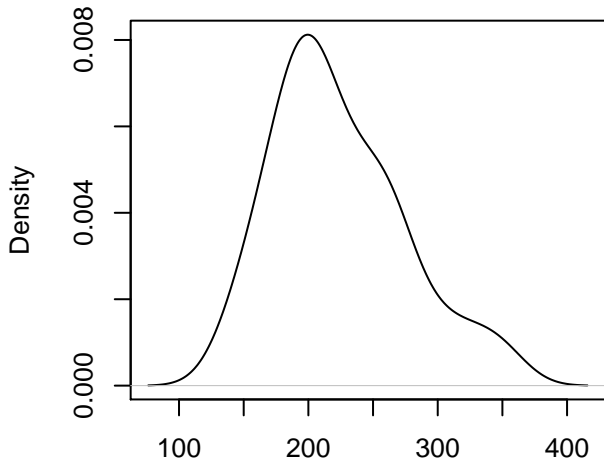
Insert size, N =56  
breakpoint: 14510995 – 14511017 sf-2 no-0

**Bp = 747 line = MAGIC.183 , Chr = 2**



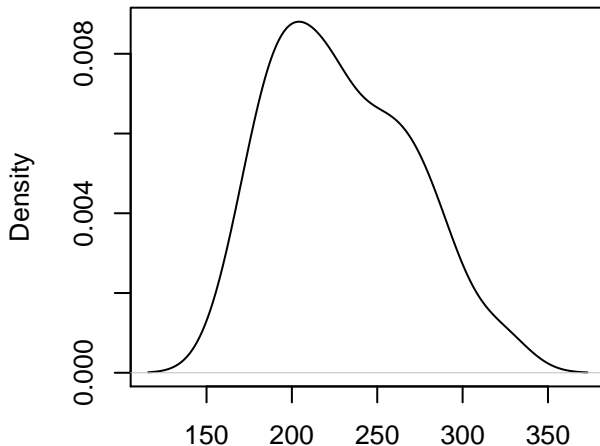
Insert size, N =53  
breakpoint: 14596682 – 14596690 no-0 rsch-4

**Bp = 748 line = MAGIC.183 , Chr = 2**



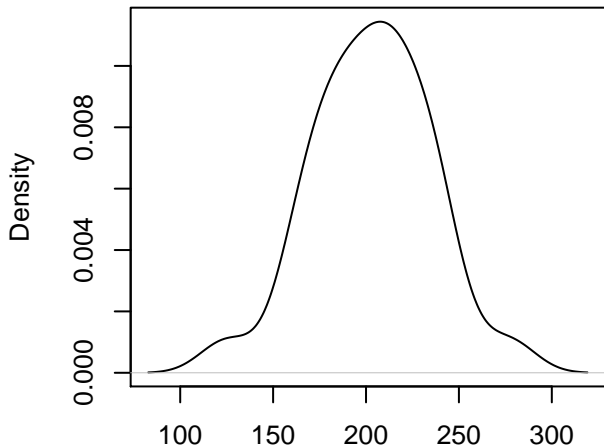
Insert size, N =54  
breakpoint: 14732145 – 14732151 rsch-4 tsu-0

**Bp = 749 line = MAGIC.183 , Chr = 2**



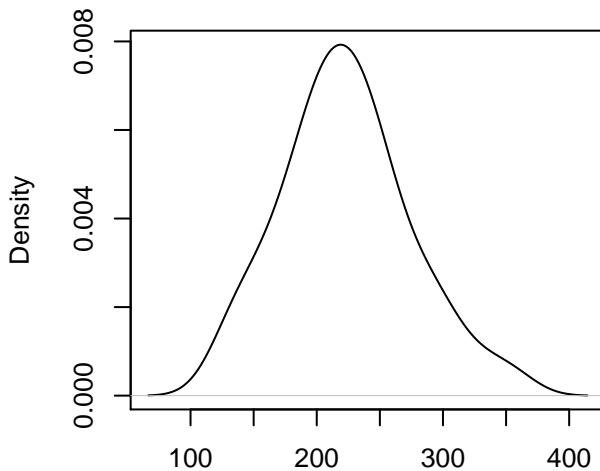
Insert size, N =55  
breakpoint: 14783658 – 14783676 tsu-0 rsch-4

**Bp = 750 line = MAGIC.183 , Chr = 2**



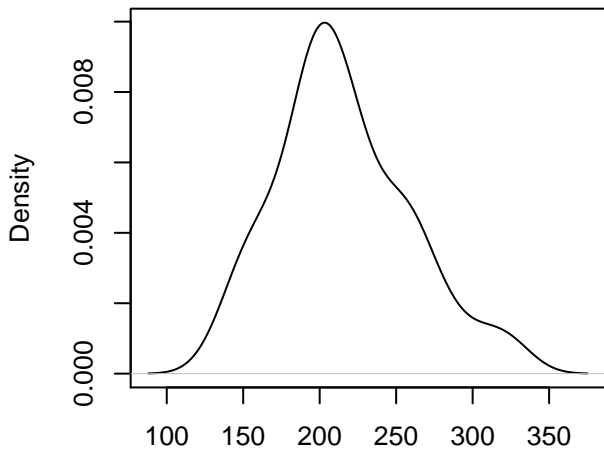
Insert size, N =27  
breakpoint: 14884589 – 14884609 rsch-4 mt-0

**Bp = 751 line = MAGIC.183 , Chr = 2**



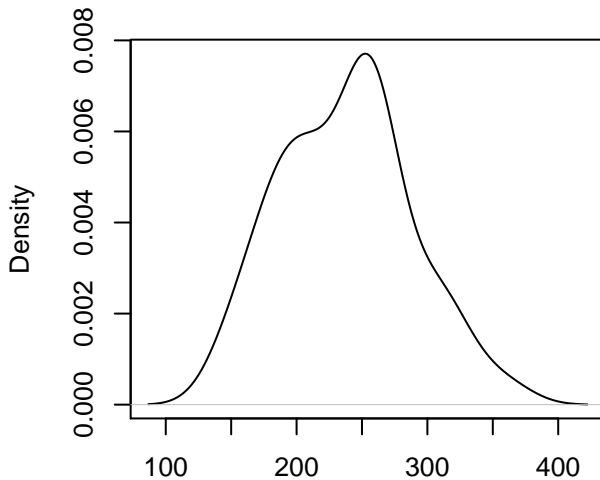
Insert size, N =50  
breakpoint: 14941104 – 14941376 mt-0 ct-1

**Bp = 752 line = MAGIC.183 , Chr = 2**



Insert size, N =60  
breakpoint: 15007551 – 15007554 ct-1 edi-0

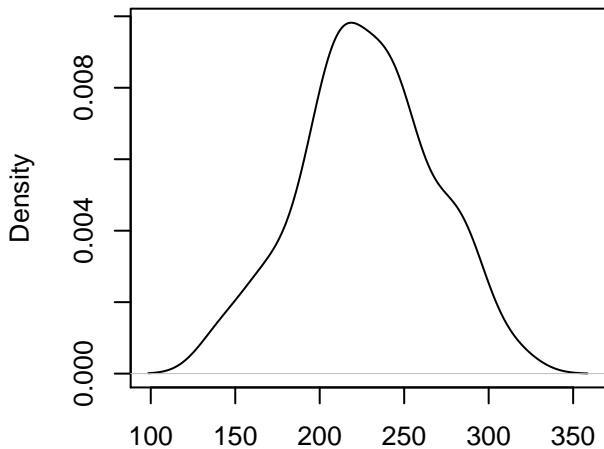
**Bp = 753 line = MAGIC.183 , Chr = 2**



Insert size, N =44  
breakpoint: 15061544 – 15061824 edi-0 po-0

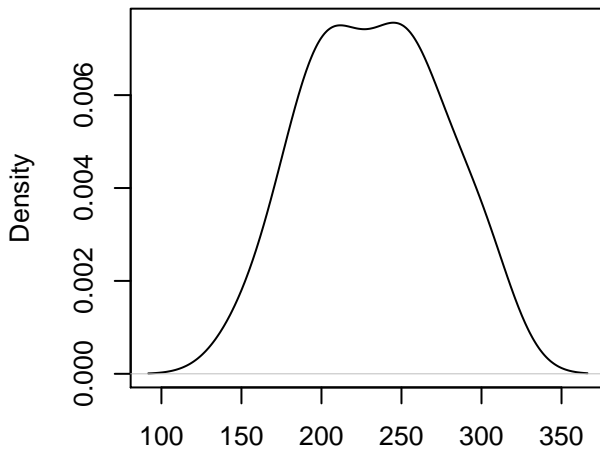


**Bp = 754 line = MAGIC.183 , Chr = 2**



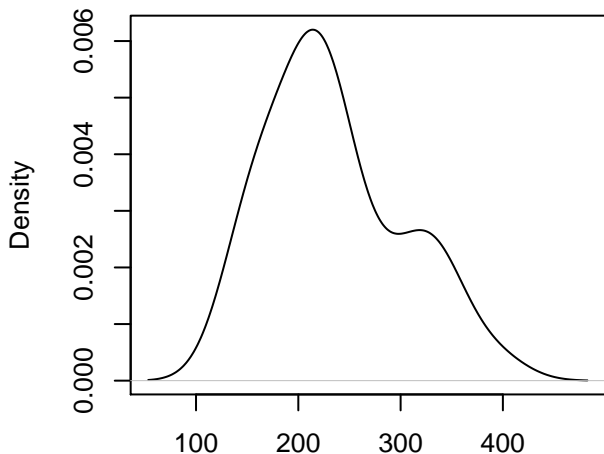
Insert size, N =55  
breakpoint: 15122555 – 15122620 po-0 ler-0

**Bp = 755 line = MAGIC.183 , Chr = 2**



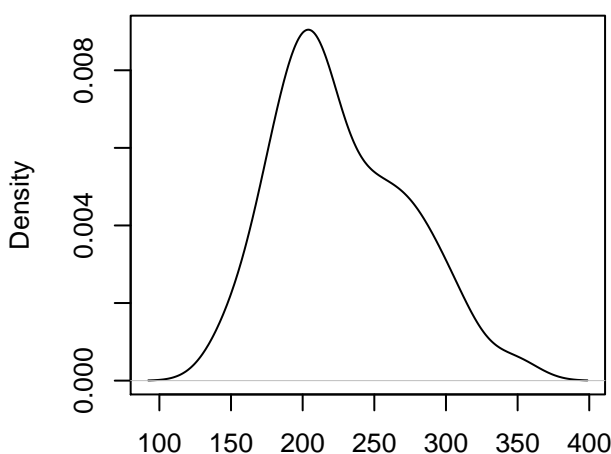
Insert size, N =28  
breakpoint: 15158506 – 15158669 ler-0 bur-0

**Bp = 756 line = MAGIC.183 , Chr = 2**



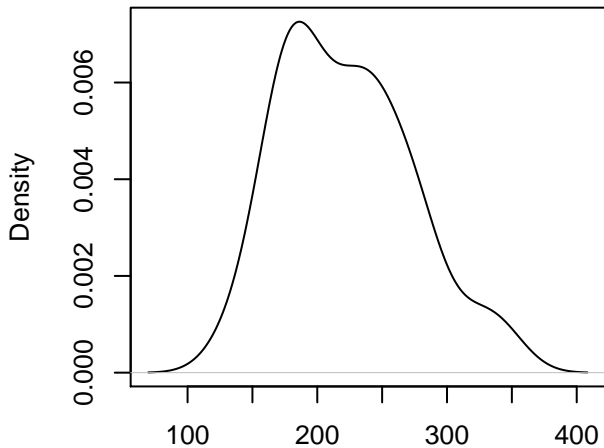
Insert size, N =38  
breakpoint: 15169942 – 15170108 bur-0 sf-2

**Bp = 757 line = MAGIC.183 , Chr = 2**



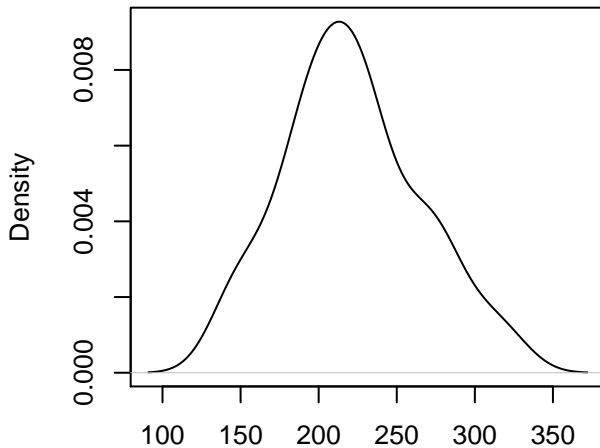
Insert size, N =90  
breakpoint: 15300219 – 15300227 sf-2 wu-0

**Bp = 758 line = MAGIC.183 , Chr = 2**



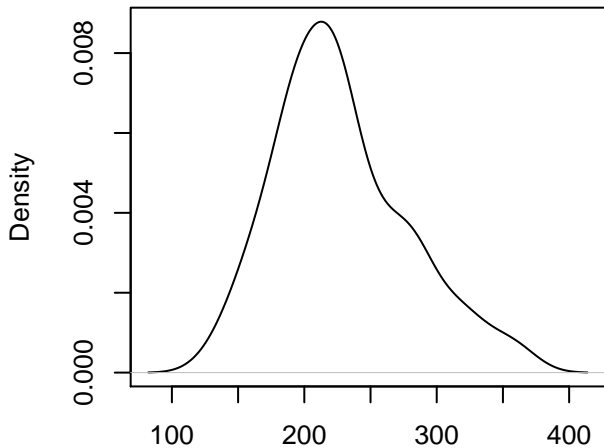
Insert size, N =54  
breakpoint: 15328753 – 15328759 wu-0 hi-0

**Bp = 759 line = MAGIC.183 , Chr = 2**



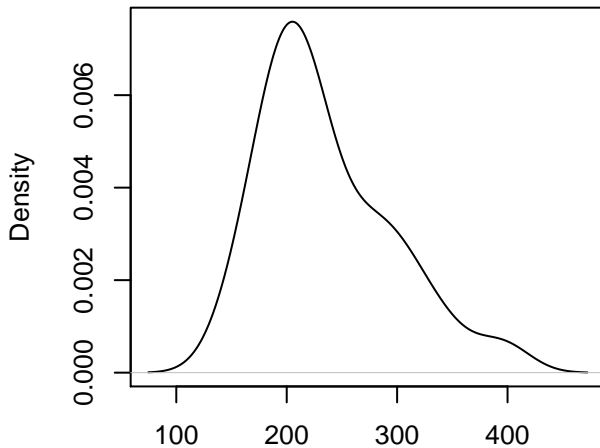
Insert size, N =32  
breakpoint: 15412754 – 15412821 hi-0 no-0

**Bp = 760 line = MAGIC.183 , Chr = 2**



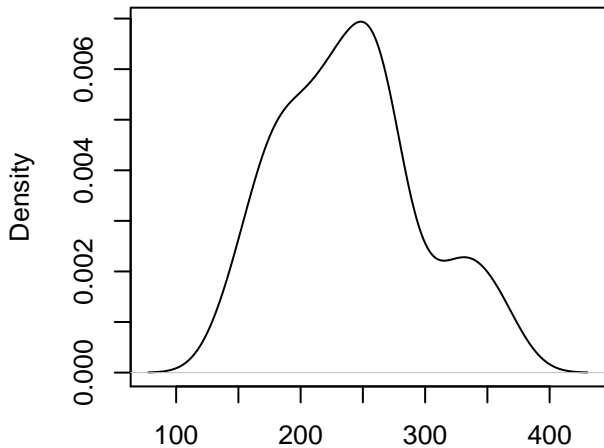
Insert size, N =62  
breakpoint: 15446234 – 15446306 no-0 mt-0

**Bp = 761 line = MAGIC.183 , Chr = 2**



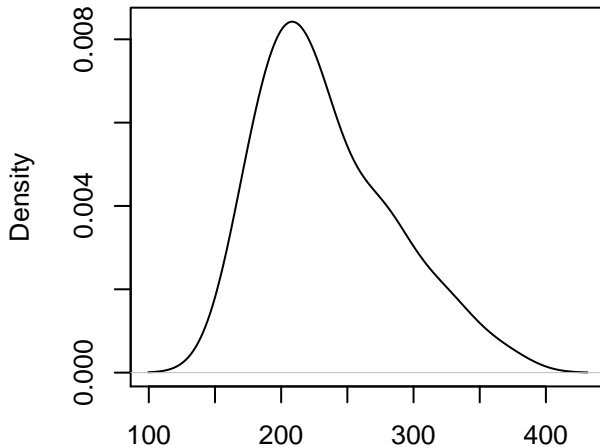
Insert size, N =51  
breakpoint: 15503169 – 15503170 mt-0 oy-0

**Bp = 762 line = MAGIC.183 , Chr = 2**



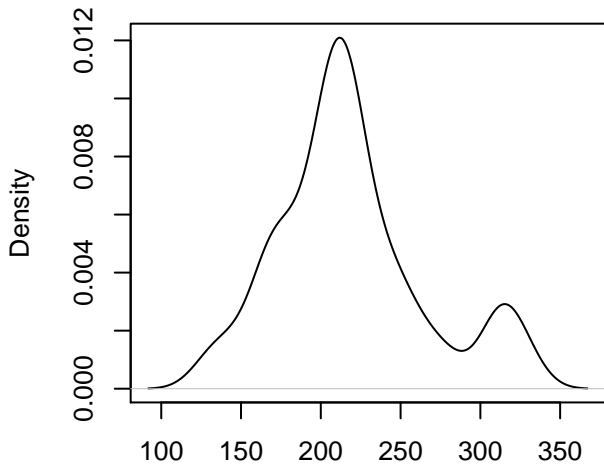
Insert size, N =96  
breakpoint: 15506750 – 15507066 oy-0 kn-0

**Bp = 763 line = MAGIC.183 , Chr = 2**



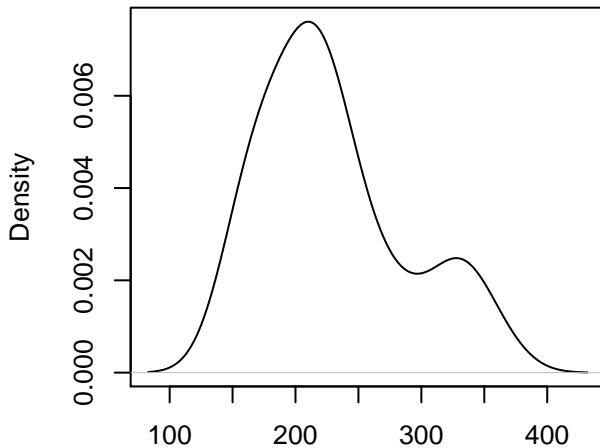
Insert size, N =43  
breakpoint: 15597833 – 15597841 kn-0 edi-0

**Bp = 764 line = MAGIC.183 , Chr = 2**



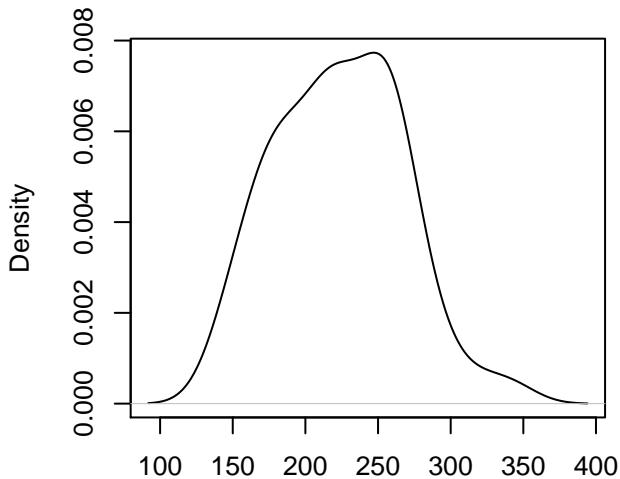
Insert size, N =37  
breakpoint: 15752431 – 15752496 edi-0 tsu-0

**Bp = 765 line = MAGIC.183 , Chr = 2**

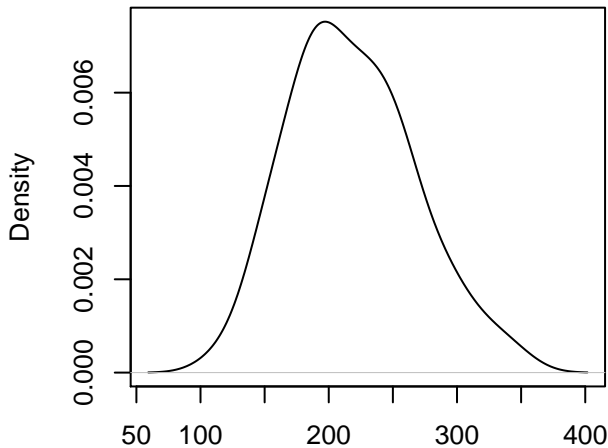


Insert size, N =51  
breakpoint: 15974169 – 15974221 tsu-0 rsch-4

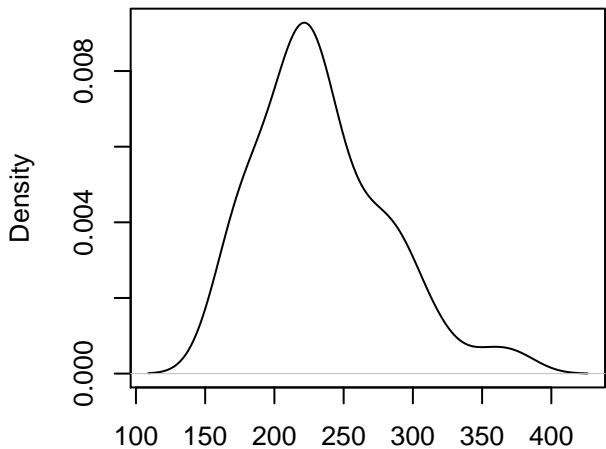
**Bp = 766 line = MAGIC.183 , Chr = 2**



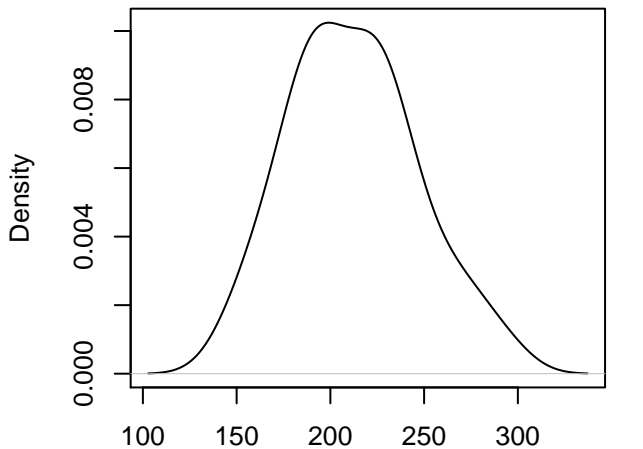
**Bp = 767 line = MAGIC.183 , Chr = 2**



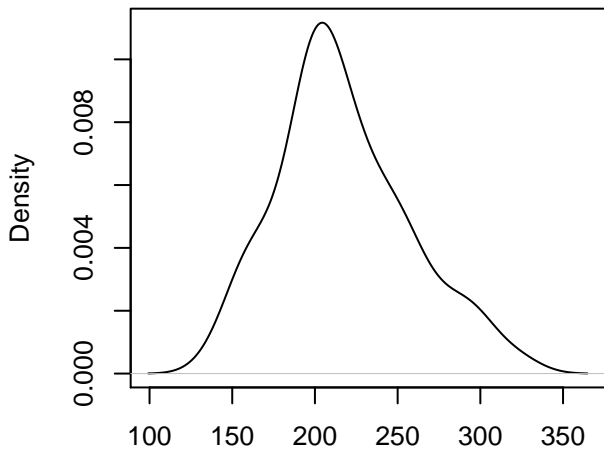
**Bp = 768 line = MAGIC.183 , Chr = 2**



**Bp = 769 line = MAGIC.183 , Chr = 2**

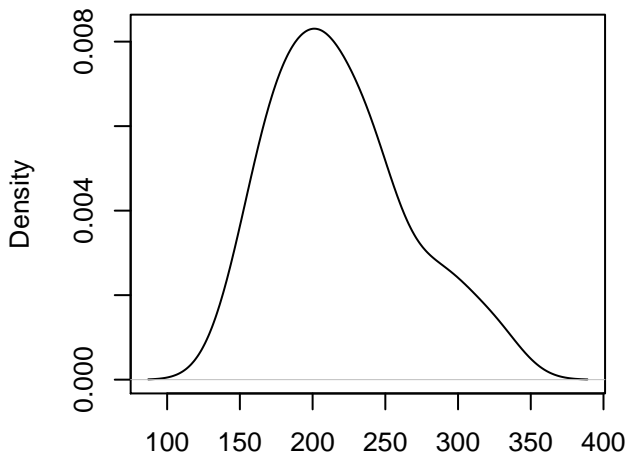


**Bp = 770 line = MAGIC.183 , Chr = 2**



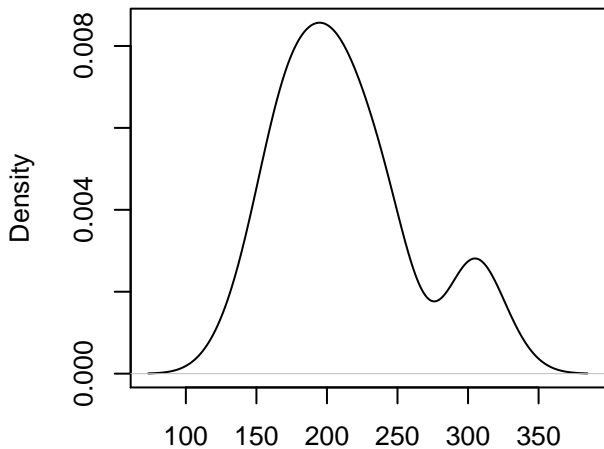
Insert size, N =63  
breakpoint: 16278972 – 16279198 tsu-0 sf-2

**Bp = 771 line = MAGIC.183 , Chr = 2**



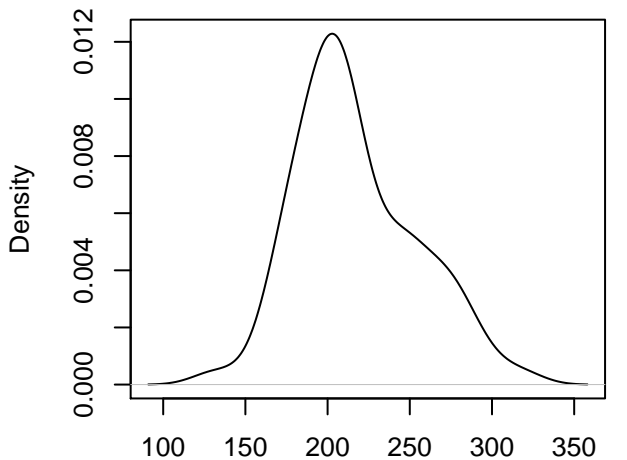
Insert size, N =57  
breakpoint: 16332975 – 16333317 sf-2 tsu-0

**Bp = 772 line = MAGIC.183 , Chr = 2**



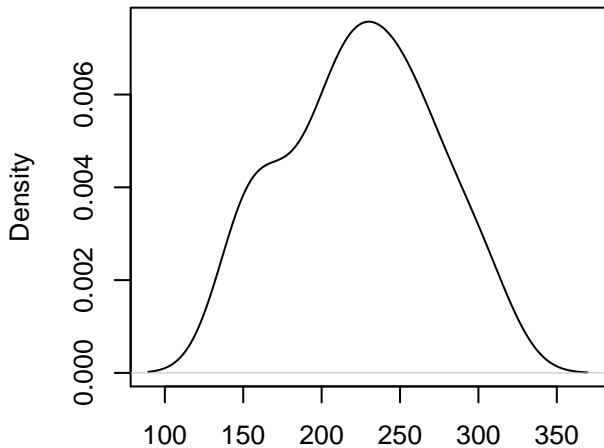
Insert size, N =48  
breakpoint: 16362407 – 16362468 tsu-0 hi-0

**Bp = 773 line = MAGIC.183 , Chr = 2**



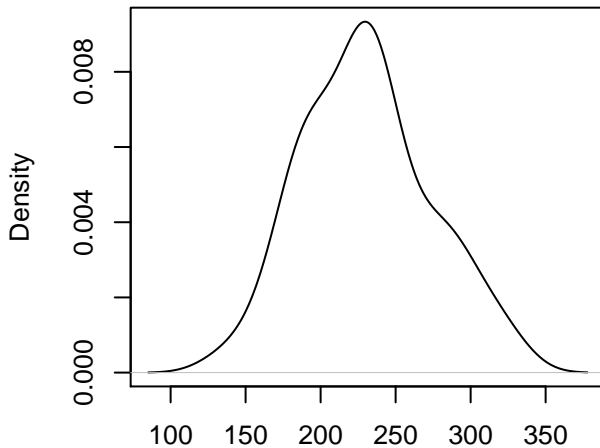
Insert size, N =65  
breakpoint: 16610538 – 16610633 hi-0 edi-0

**Bp = 774 line = MAGIC.183 , Chr = 2**



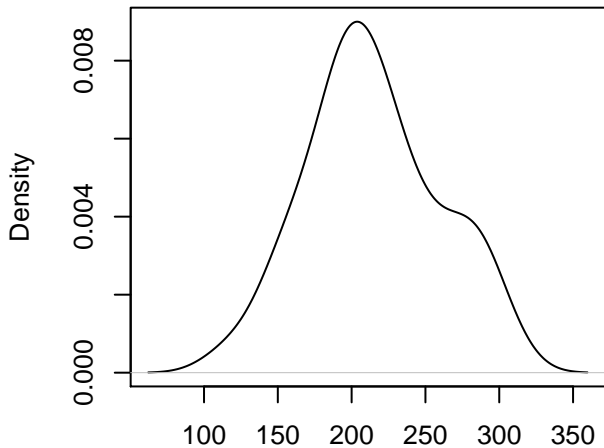
Insert size, N =46  
breakpoint: 16694259 – 16694302 edi-0 wu-0

**Bp = 775 line = MAGIC.183 , Chr = 2**



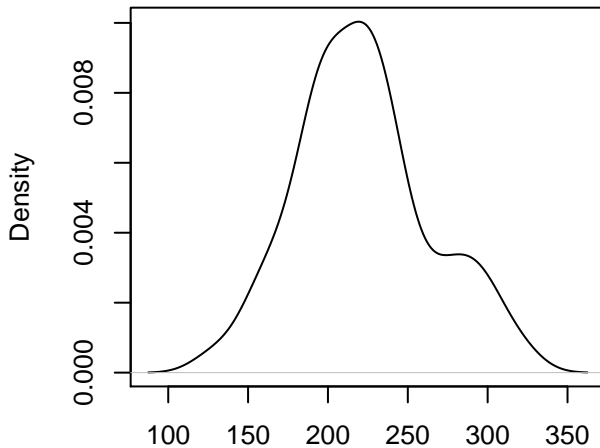
Insert size, N =52  
breakpoint: 16787396 – 16787456 wu-0 oy-0

**Bp = 776 line = MAGIC.183 , Chr = 2**



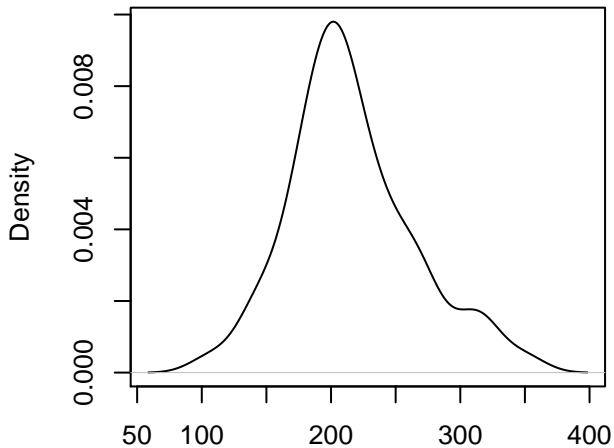
Insert size, N =37  
breakpoint: 16957631 – 16957742 oy-0 edi-0

**Bp = 777 line = MAGIC.183 , Chr = 2**



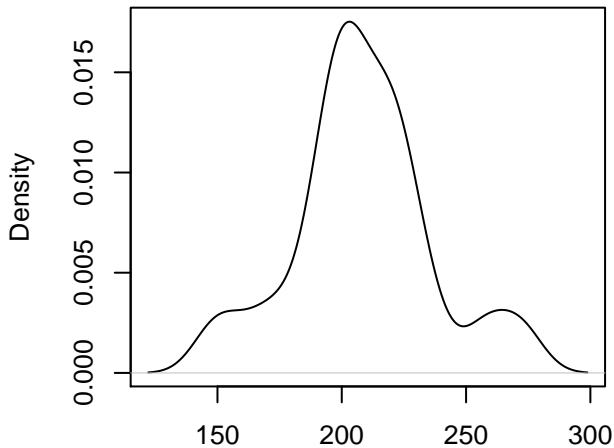
Insert size, N =54  
breakpoint: 17240982 – 17241396 edi-0 zu-0

**Bp = 778 line = MAGIC.183 , Chr = 2**



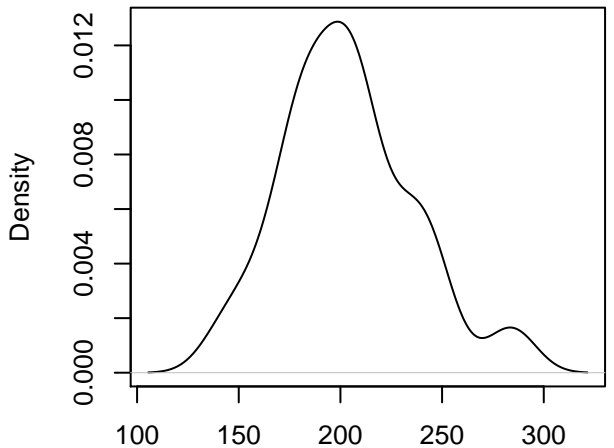
Insert size, N =56  
breakpoint: 17262933 – 17263025 zu-0 oy-0

**Bp = 779 line = MAGIC.183 , Chr = 2**



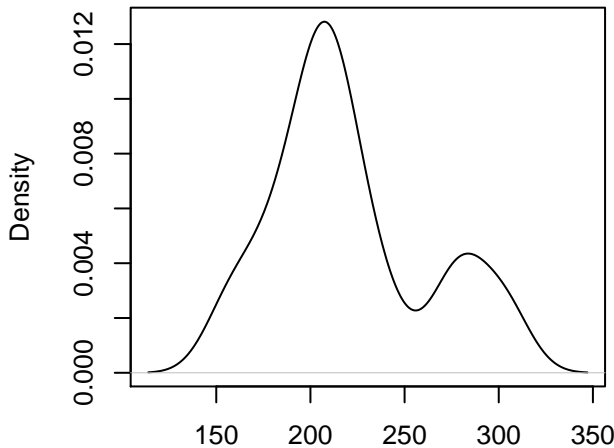
Insert size, N =41  
breakpoint: 17380673 – 17380676 oy-0 can-0

**Bp = 780 line = MAGIC.183 , Chr = 2**



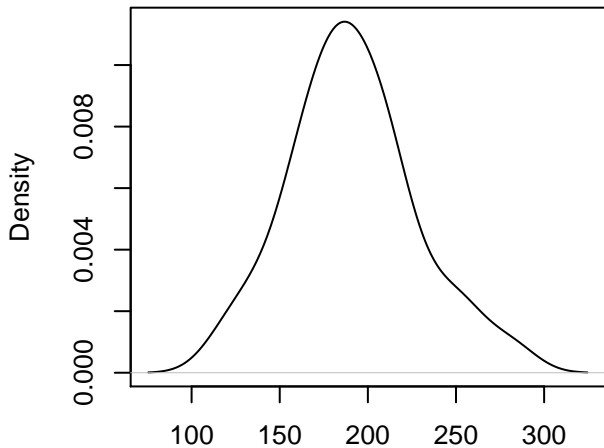
Insert size, N =41  
breakpoint: 17420514 – 17420700 can-0 zu-0

**Bp = 781 line = MAGIC.183 , Chr = 2**



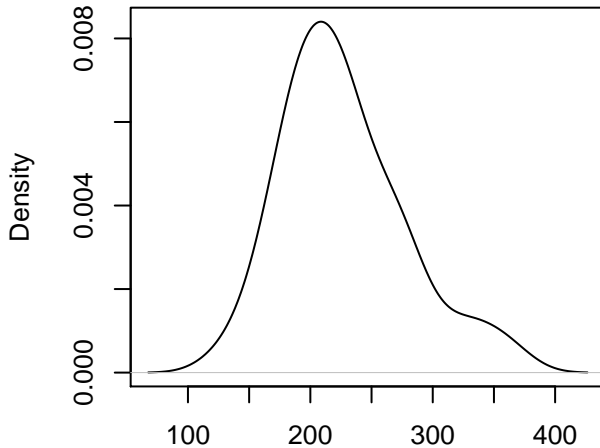
Insert size, N =37  
breakpoint: 17483929 – 17483930 zu-0 bur-0

**Bp = 782 line = MAGIC.183 , Chr = 2**



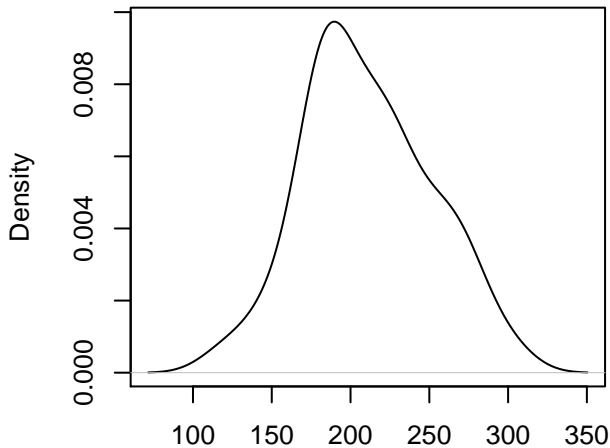
Insert size, N =31  
breakpoint: 17546996 – 17547015 bur-0 zu-0

**Bp = 783 line = MAGIC.183 , Chr = 2**



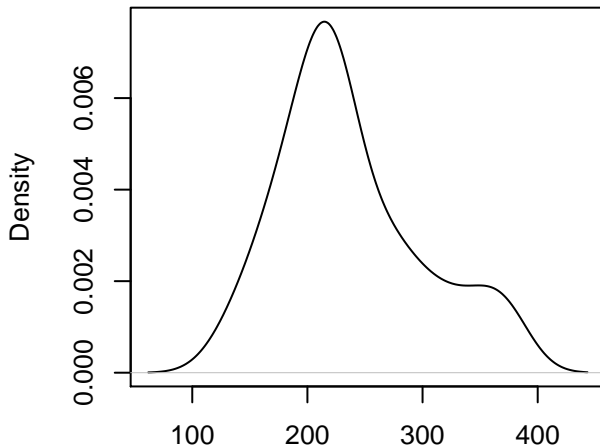
Insert size, N =49  
breakpoint: 17561409 – 17561550 zu-0 po-0

**Bp = 784 line = MAGIC.183 , Chr = 2**



Insert size, N =39  
breakpoint: 17661928 – 17662125 po-0 col-0

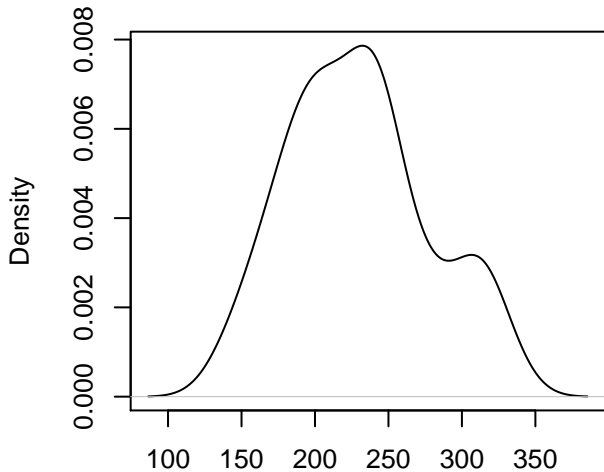
**Bp = 785 line = MAGIC.183 , Chr = 2**



Insert size, N =39  
breakpoint: 17889562 – 17889616 col-0 sf-2

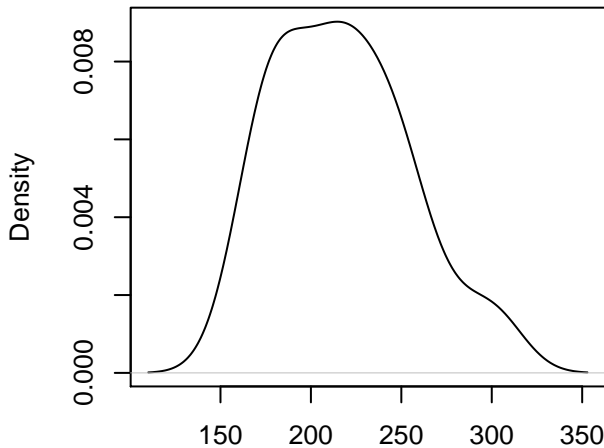


**Bp = 786 line = MAGIC.183 , Chr = 2**



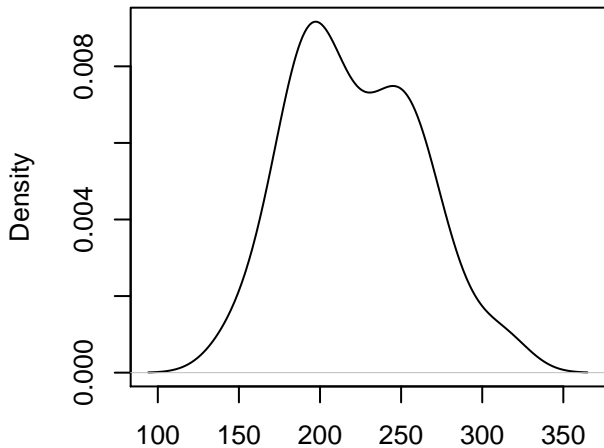
Insert size, N =56  
breakpoint: 17920790 – 17921057 sf-2 can-0

**Bp = 787 line = MAGIC.183 , Chr = 2**



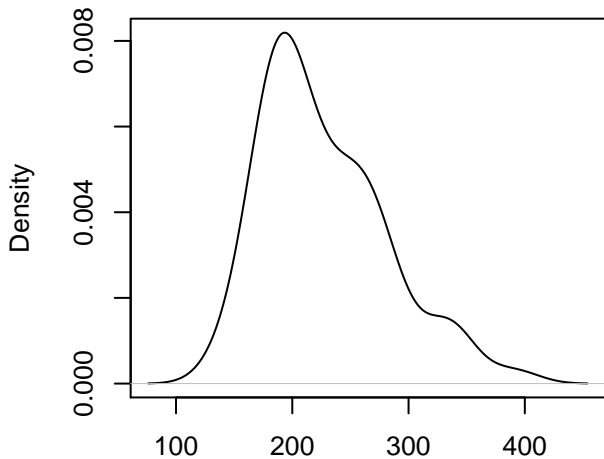
Insert size, N =34  
breakpoint: 17982020 – 17982103 can-0 sf-2

**Bp = 788 line = MAGIC.183 , Chr = 2**



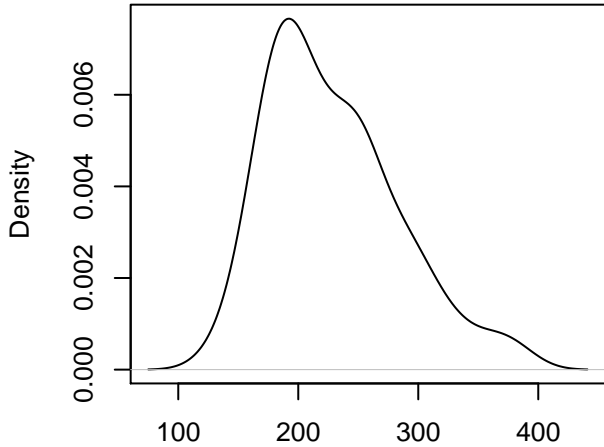
Insert size, N =50  
breakpoint: 18068006 – 18068081 sf-2 oy-0

**Bp = 789 line = MAGIC.183 , Chr = 2**



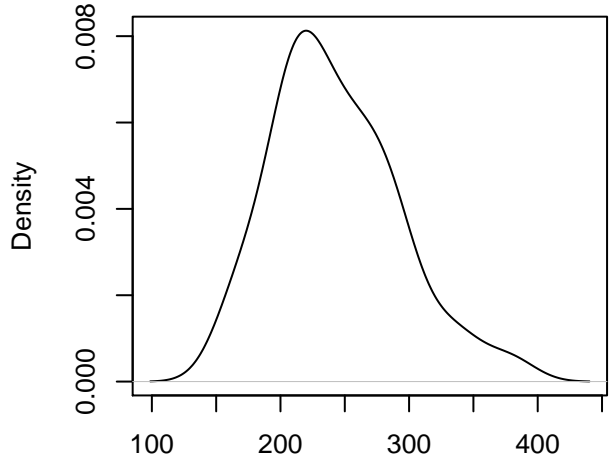
Insert size, N =63  
breakpoint: 18196695 – 18197155 oy-0 col-0

**Bp = 790 line = MAGIC.183 , Chr = 2**



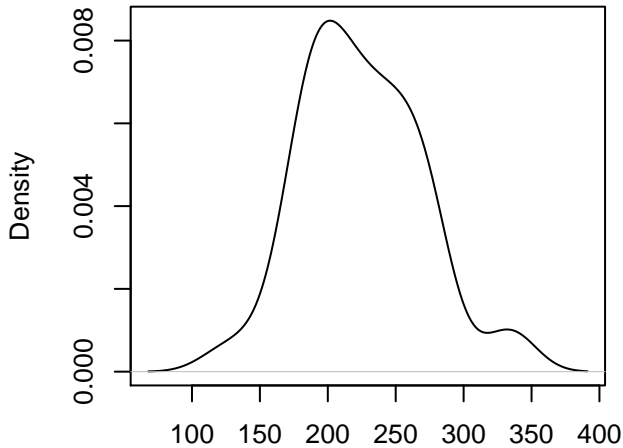
Insert size, N =53  
breakpoint: 18211387 – 18211474 col-0 mt-0

**Bp = 791 line = MAGIC.183 , Chr = 2**



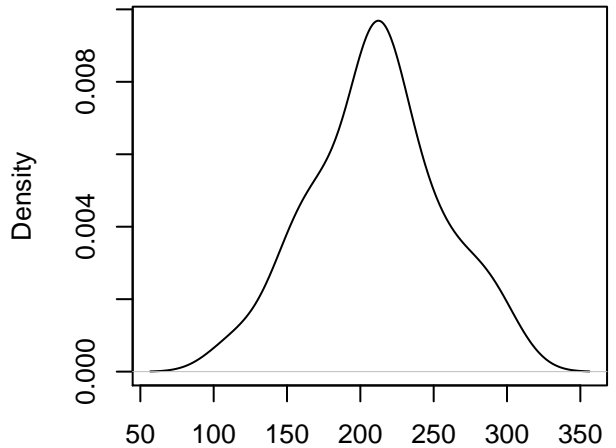
Insert size, N =71  
breakpoint: 18250205 – 18250376 mt-0 hi-0

**Bp = 792 line = MAGIC.183 , Chr = 2**



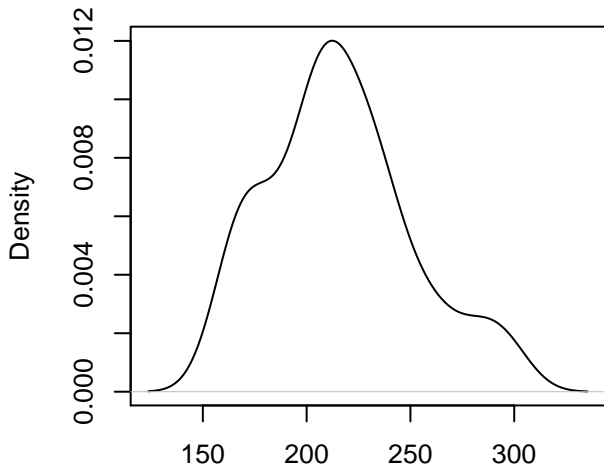
Insert size, N =43  
breakpoint: 18432874 – 18433002 hi-0 tsu-0

**Bp = 793 line = MAGIC.183 , Chr = 2**



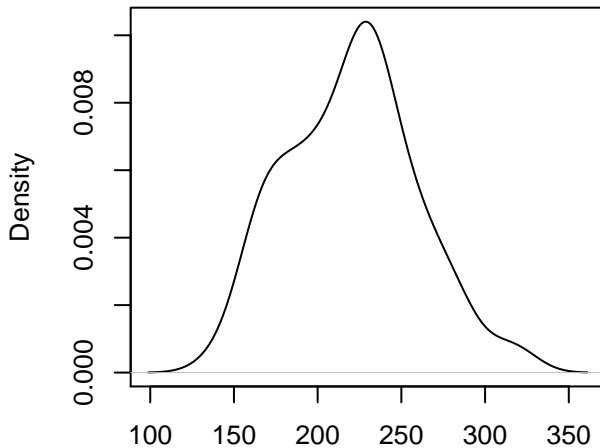
Insert size, N =47  
breakpoint: 18472950 – 18473058 tsu-0 bur-0

**Bp = 794 line = MAGIC.183 , Chr = 2**



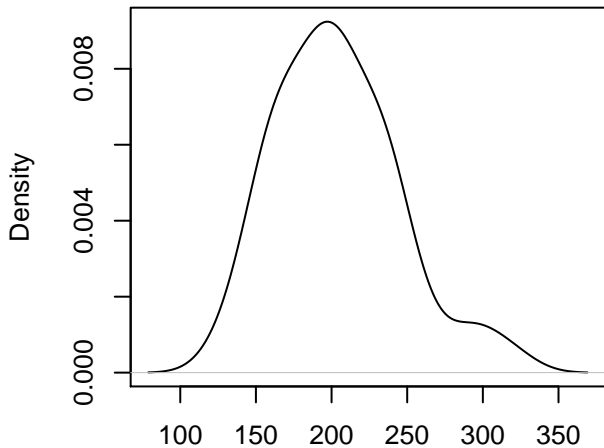
Insert size, N =61  
breakpoint: 18589229 – 18589359 bur-0 ler-0

**Bp = 795 line = MAGIC.183 , Chr = 2**



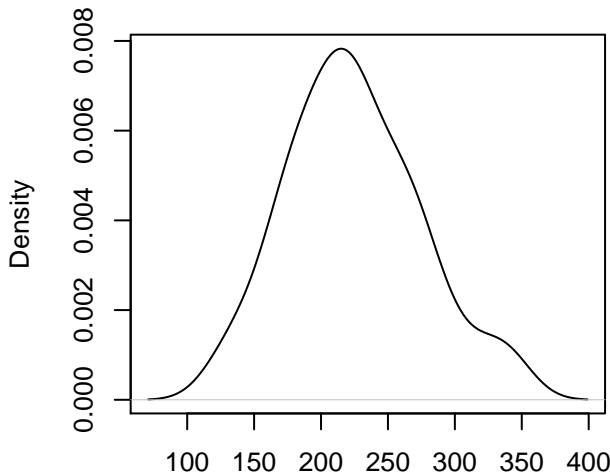
Insert size, N =72  
breakpoint: 18598515 – 18598749 ler-0 zu-0

**Bp = 796 line = MAGIC.183 , Chr = 2**



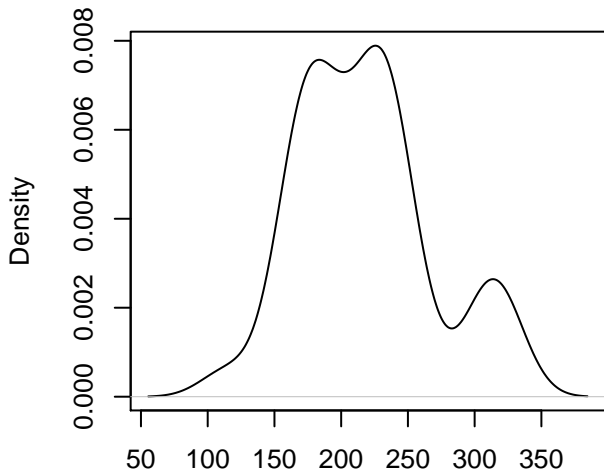
Insert size, N =47  
breakpoint: 18707094 – 18707250 zu-0 bur-0

**Bp = 797 line = MAGIC.183 , Chr = 2**



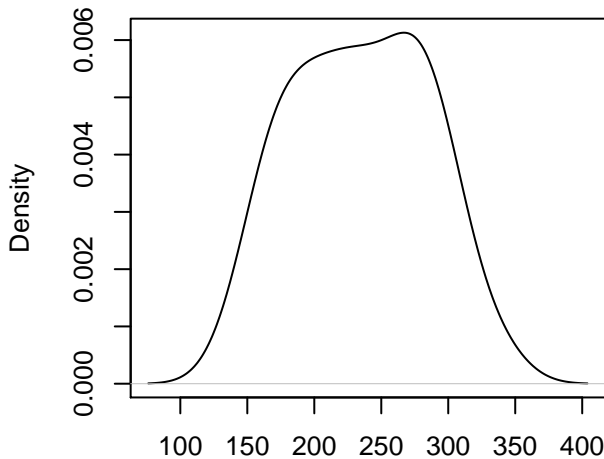
Insert size, N =54  
breakpoint: 18919734 – 18919829 bur-0 col-0

**Bp = 798 line = MAGIC.183 , Chr = 2**



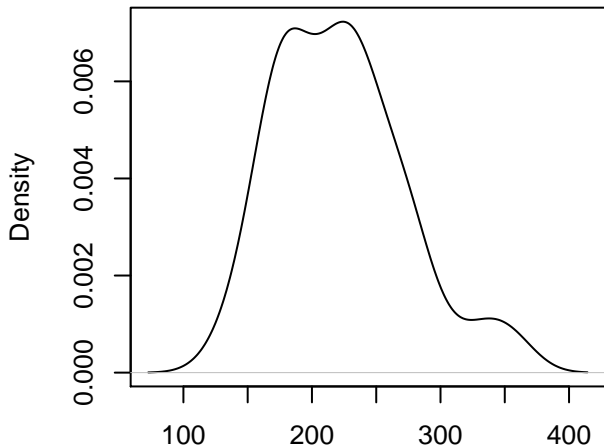
Insert size, N =36  
breakpoint: 19413691 – 19413727 col-0 bur-0

**Bp = 799 line = MAGIC.183 , Chr = 2**



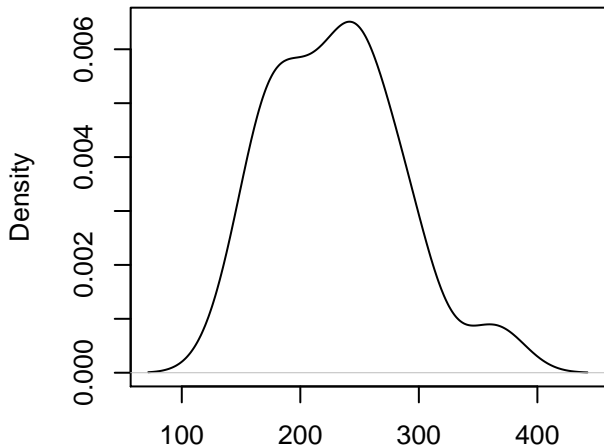
Insert size, N =45  
breakpoint: 19515511 – 19515532 bur-0 wu-0

**Bp = 800 line = MAGIC.183 , Chr = 2**



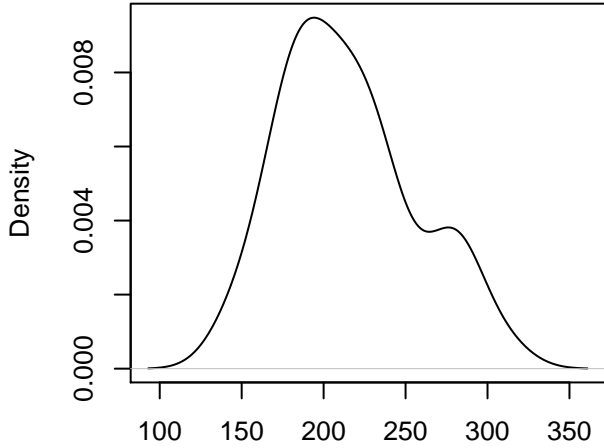
Insert size, N =63  
breakpoint: 19596306 – 19596342 wu-0 oy-0

**Bp = 801 line = MAGIC.183 , Chr = 3**



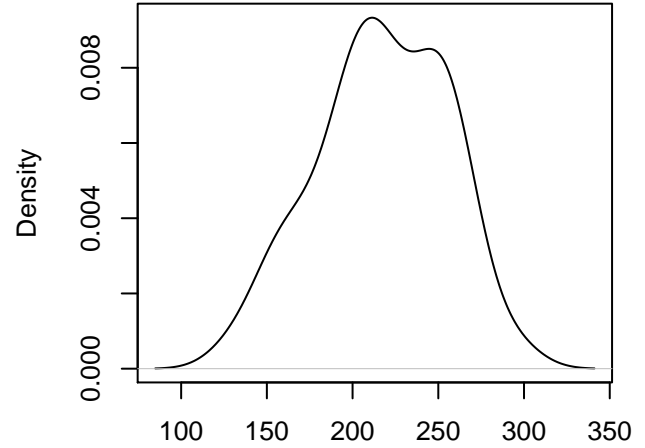
Insert size, N =38  
breakpoint: 261966 – 261976 edi-0 bur-0

**Bp = 802 line = MAGIC.183 , Chr = 3**



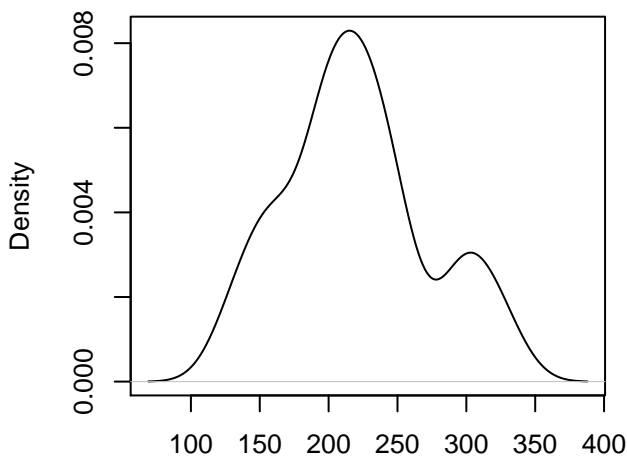
Insert size, N =48  
breakpoint: 623459 – 623514 bur-0 edi-0

**Bp = 803 line = MAGIC.183 , Chr = 3**



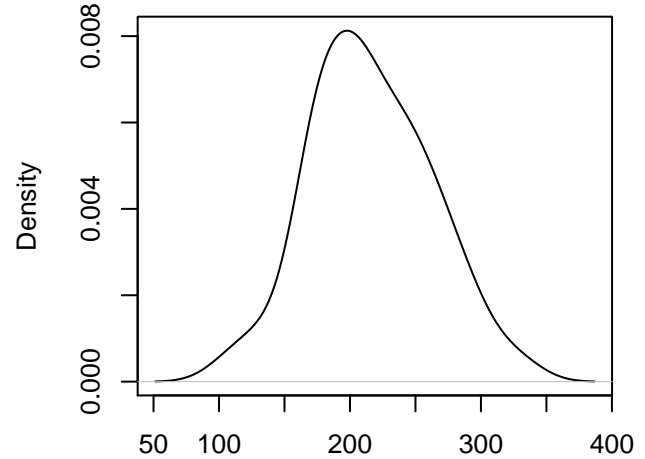
Insert size, N =45  
breakpoint: 1055472 – 1055777 edi-0 no-0

**Bp = 804 line = MAGIC.183 , Chr = 3**



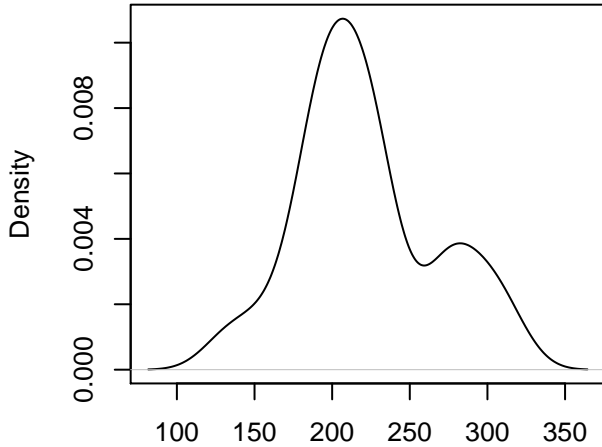
Insert size, N =75  
breakpoint: 1173684 – 1174071 no-0 ler-0

**Bp = 805 line = MAGIC.183 , Chr = 3**



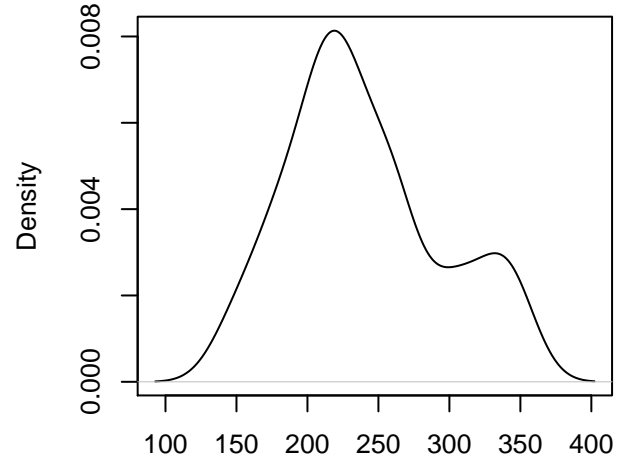
Insert size, N =52  
breakpoint: 1440427 – 1440475 ler-0 zu-0

**Bp = 806 line = MAGIC.183 , Chr = 3**



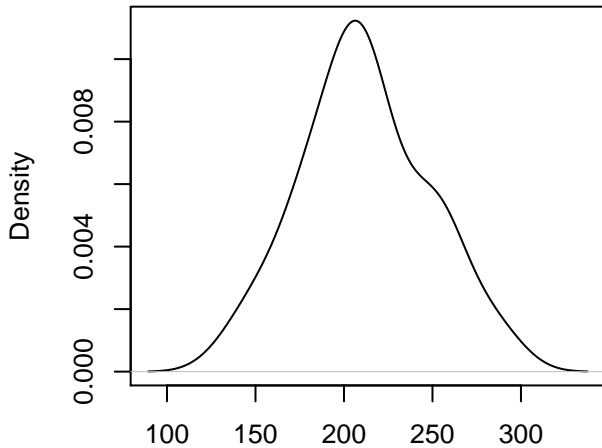
Insert size, N =39  
breakpoint: 1839852 – 1839854 zu-0 sf-2

**Bp = 807 line = MAGIC.183 , Chr = 3**



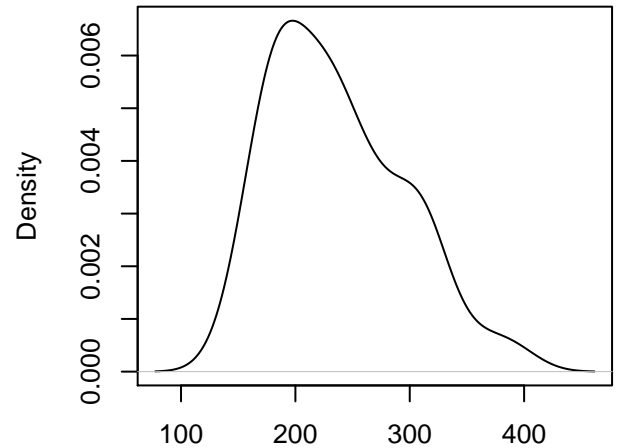
Insert size, N =50  
breakpoint: 1893237 – 1893562 sf-2 rsch-4

**Bp = 808 line = MAGIC.183 , Chr = 3**



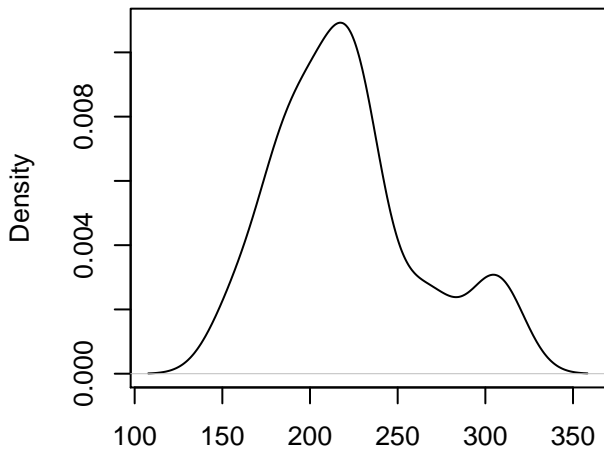
Insert size, N =48  
breakpoint: 2043962 – 2044075 rsch-4 sf-2

**Bp = 809 line = MAGIC.183 , Chr = 3**



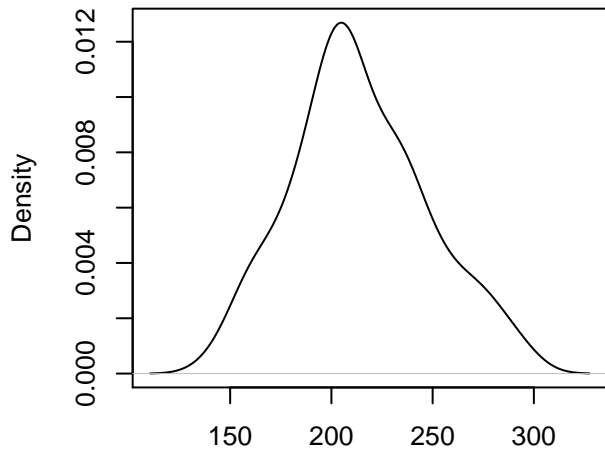
Insert size, N =57  
breakpoint: 2197407 – 2197728 sf-2 wu-0

**Bp = 810 line = MAGIC.183 , Chr = 3**



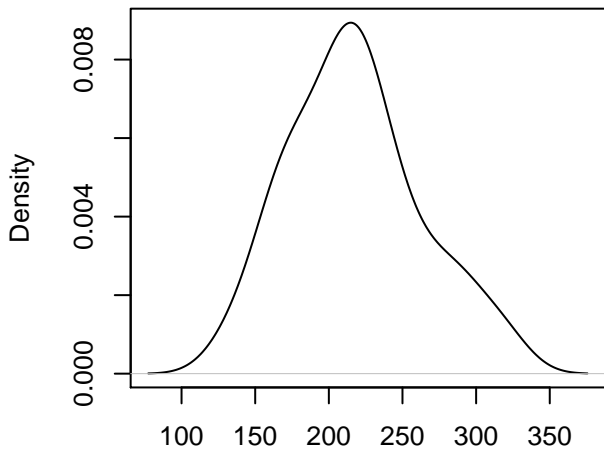
Insert size, N =43  
breakpoint: 2519700 – 2519770 wu-0 can-0

**Bp = 811 line = MAGIC.183 , Chr = 3**



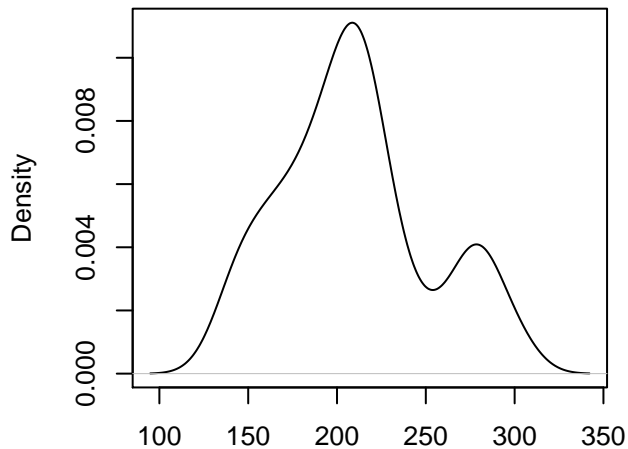
Insert size, N =76  
breakpoint: 2675069 – 2675070 can-0 wu-0

**Bp = 812 line = MAGIC.183 , Chr = 3**



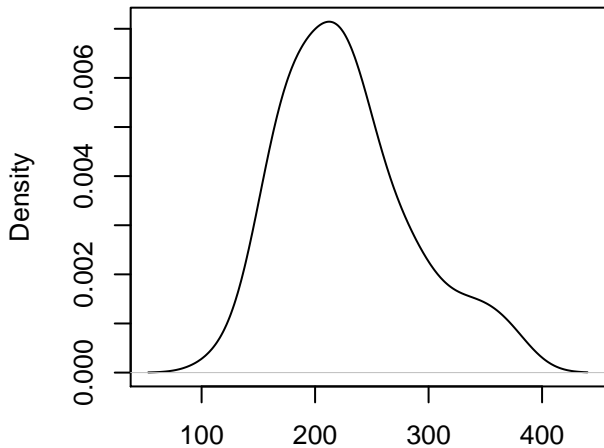
Insert size, N =59  
breakpoint: 2760734 – 2760752 wu-0 col-0

**Bp = 813 line = MAGIC.183 , Chr = 3**



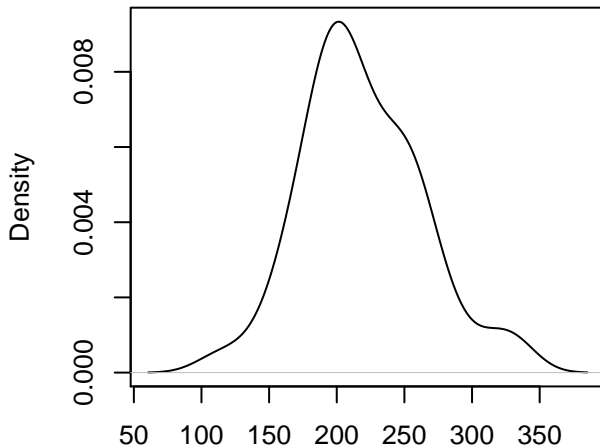
Insert size, N =63  
breakpoint: 3031193 – 3031847 col-0 rsch-4

**Bp = 814 line = MAGIC.183 , Chr = 3**



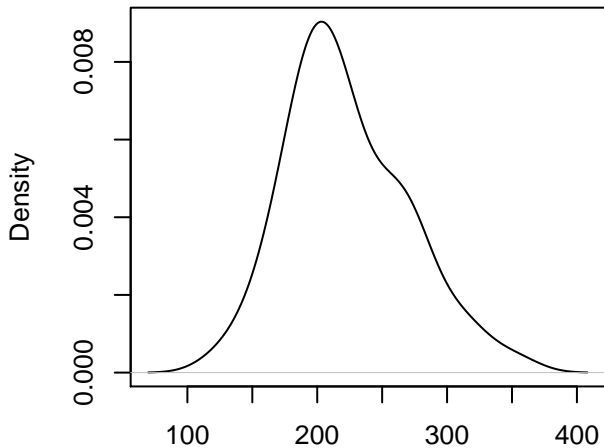
Insert size, N =56  
breakpoint: 3078916 – 3078949 rsch-4 bur-0

**Bp = 815 line = MAGIC.183 , Chr = 3**



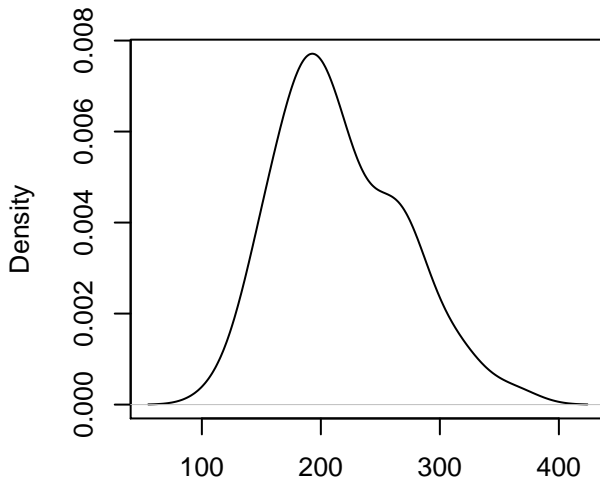
Insert size, N =56  
breakpoint: 3088273 – 3088836 bur-0 po-0

**Bp = 816 line = MAGIC.183 , Chr = 3**



Insert size, N =56  
breakpoint: 3249236 – 3249416 po-0 kn-0

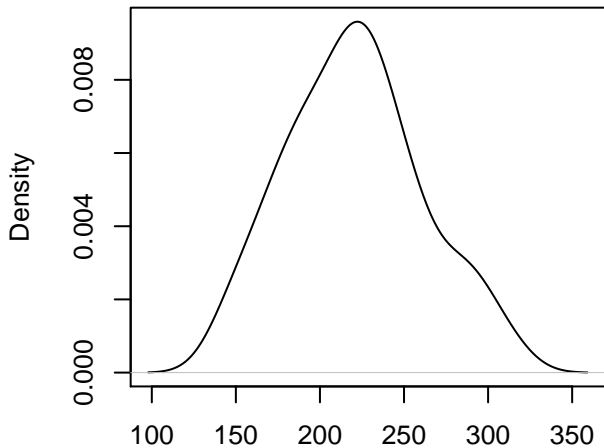
**Bp = 817 line = MAGIC.183 , Chr = 3**



Insert size, N =60  
breakpoint: 3306908 – 3307001 kn-0 hi-0



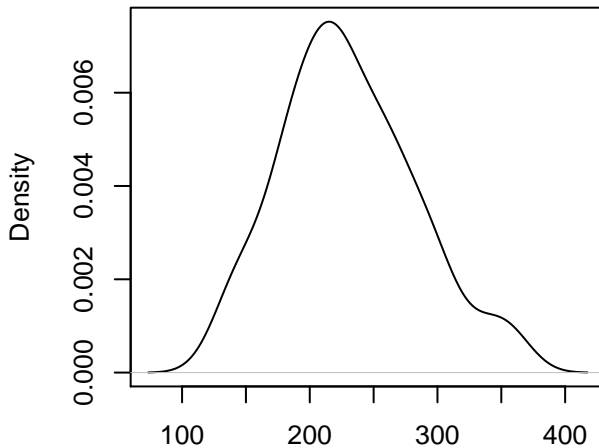
**Bp = 818 line = MAGIC.183 , Chr = 3**



Insert size, N =72

breakpoint: 3370533 – 3370539 hi-0 po-0

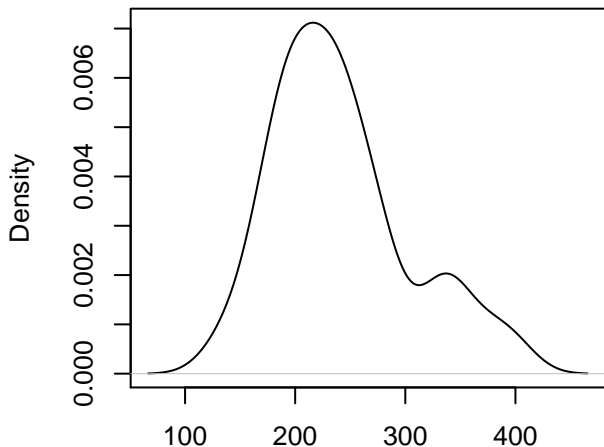
**Bp = 819 line = MAGIC.183 , Chr = 3**



Insert size, N =135

breakpoint: 3471619 – 3471620 po-0 ws-0

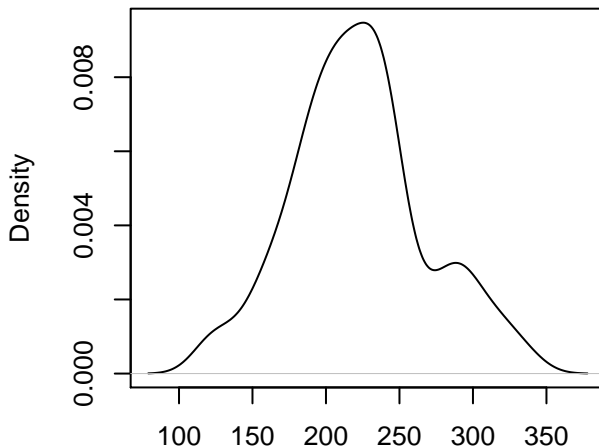
**Bp = 820 line = MAGIC.183 , Chr = 3**



Insert size, N =48

breakpoint: 3473893 – 3473904 ws-0 tsu-0

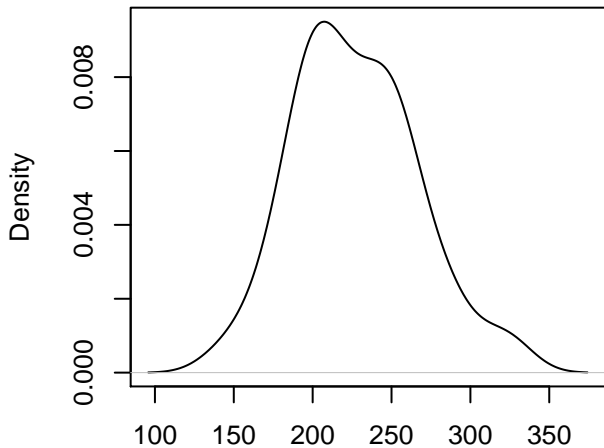
**Bp = 821 line = MAGIC.183 , Chr = 3**



Insert size, N =95

breakpoint: 3567074 – 3567076 tsu-0 po-0

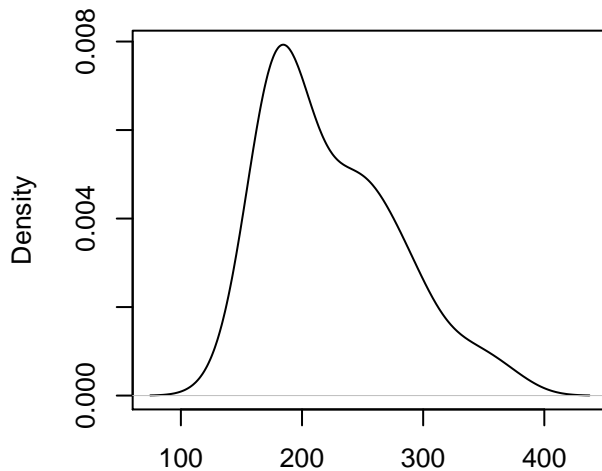
**Bp = 822 line = MAGIC.183 , Chr = 3**



Insert size, N =49

breakpoint: 3948987 – 3949071 po-0 hi-0

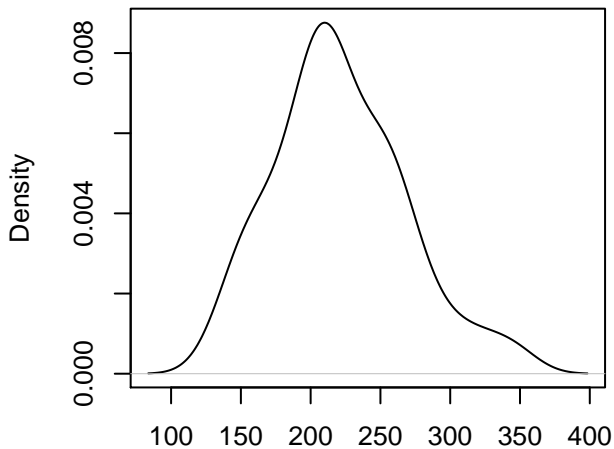
**Bp = 823 line = MAGIC.183 , Chr = 3**



Insert size, N =61

breakpoint: 4496636 – 4496654 hi-0 sf-2

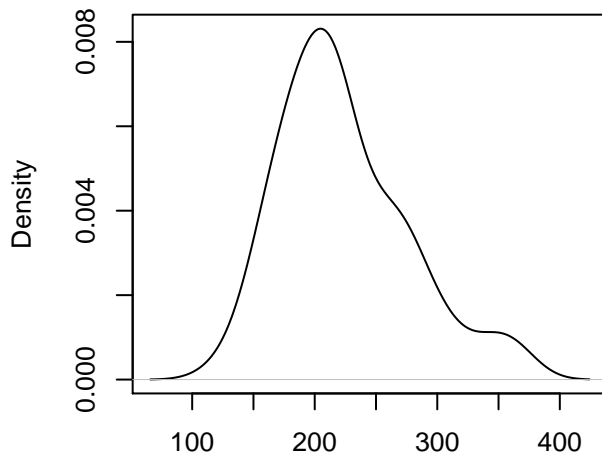
**Bp = 824 line = MAGIC.183 , Chr = 3**



Insert size, N =36

breakpoint: 4753089 – 4753432 sf-2 can-0

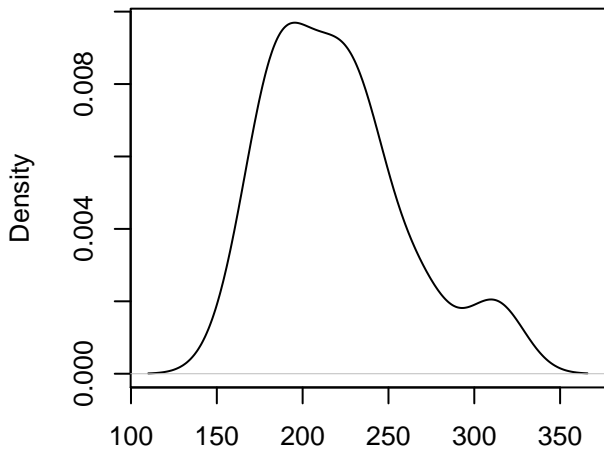
**Bp = 825 line = MAGIC.183 , Chr = 3**



Insert size, N =68

breakpoint: 4872912 – 4872921 can-0 zu-0

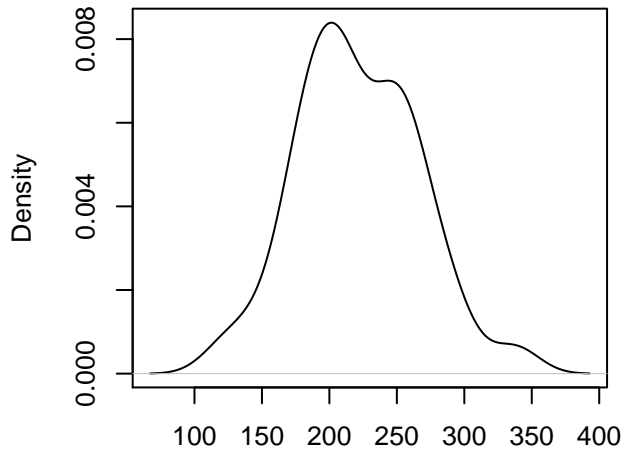
**Bp = 826 line = MAGIC.183 , Chr = 3**



Insert size, N =37

breakpoint: 4891719 – 4891764 zu-0 ct-1

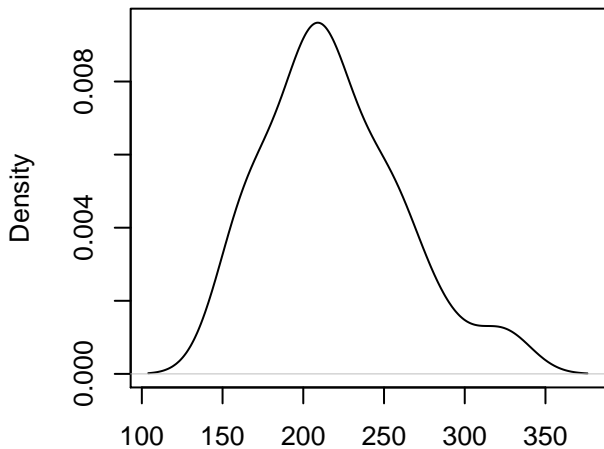
**Bp = 827 line = MAGIC.183 , Chr = 3**



Insert size, N =71

breakpoint: 4921685 – 4921766 ct-1 can-0

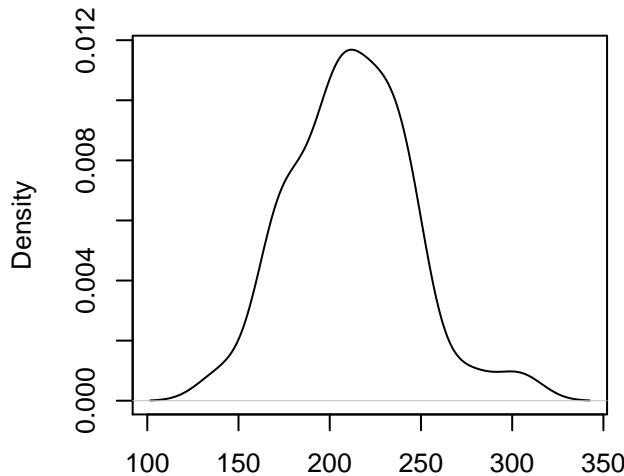
**Bp = 828 line = MAGIC.183 , Chr = 3**



Insert size, N =40

breakpoint: 4995920 – 4997152 can-0 wu-0

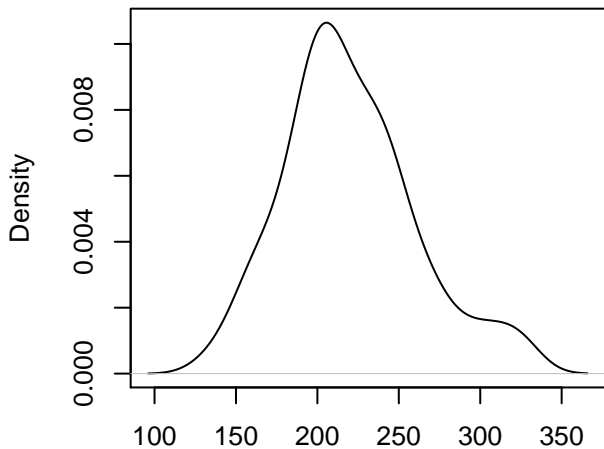
**Bp = 829 line = MAGIC.183 , Chr = 3**



Insert size, N =36

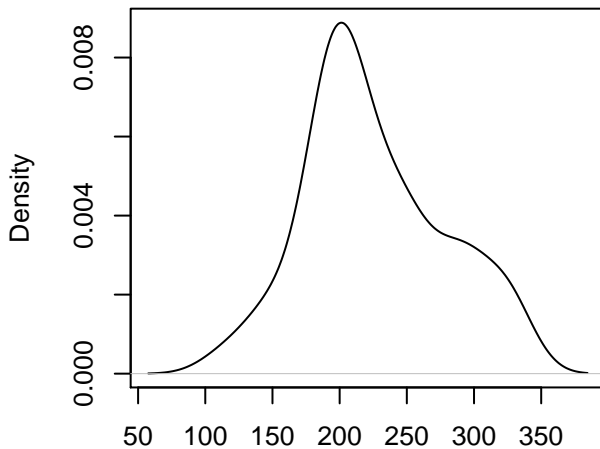
breakpoint: 5164399 – 5164435 wu-0 po-0

**Bp = 830 line = MAGIC.183 , Chr = 3**



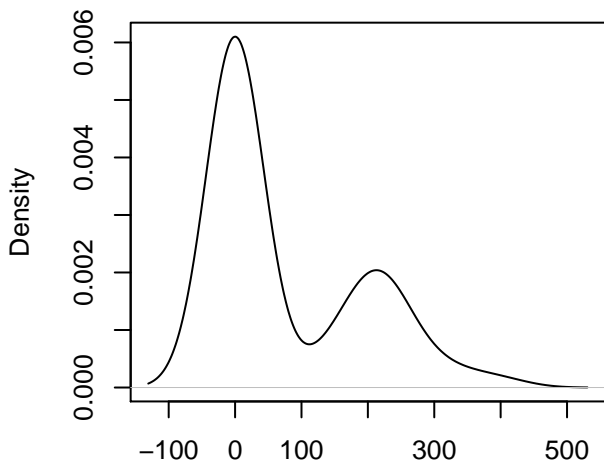
Insert size, N =60  
breakpoint: 5427607 – 5427687 po-0 can-0

**Bp = 831 line = MAGIC.183 , Chr = 3**



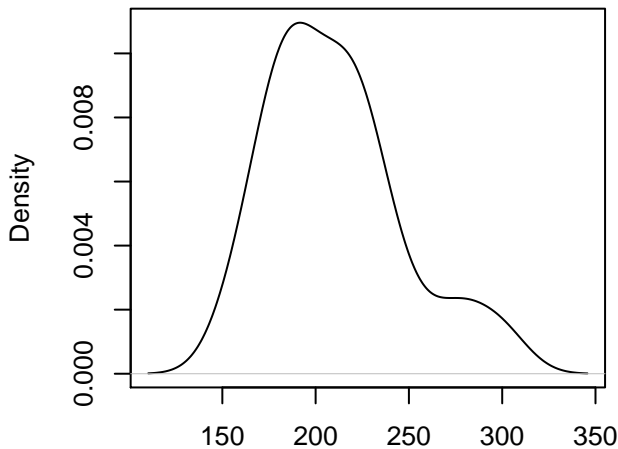
Insert size, N =43  
breakpoint: 5486655 – 5486730 can-0 bur-0

**Bp = 832 line = MAGIC.183 , Chr = 3**



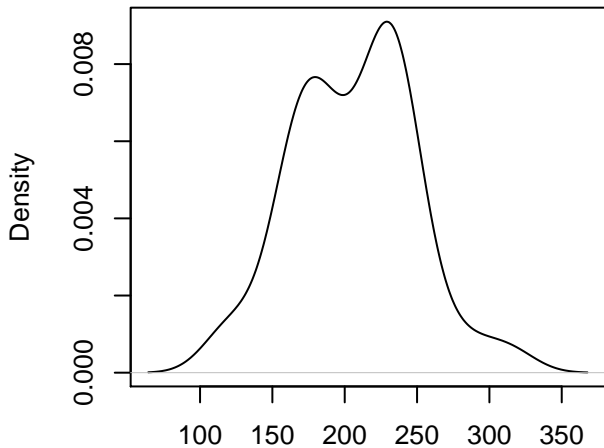
Insert size, N =69  
breakpoint: 5592318 – 5592348 bur-0 zu-0

**Bp = 833 line = MAGIC.183 , Chr = 3**



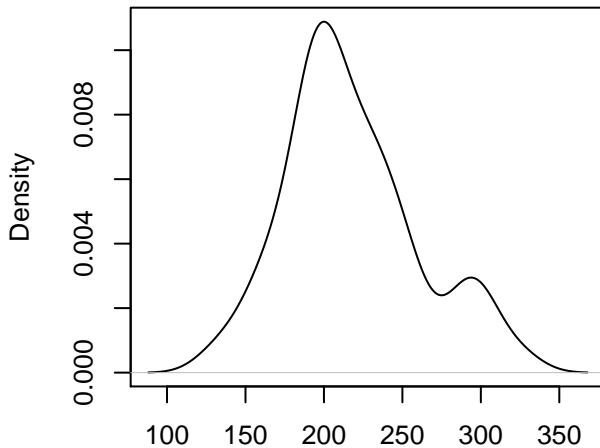
Insert size, N =44  
breakpoint: 5707144 – 5707145 zu-0 wu-0

**Bp = 834 line = MAGIC.183 , Chr = 3**



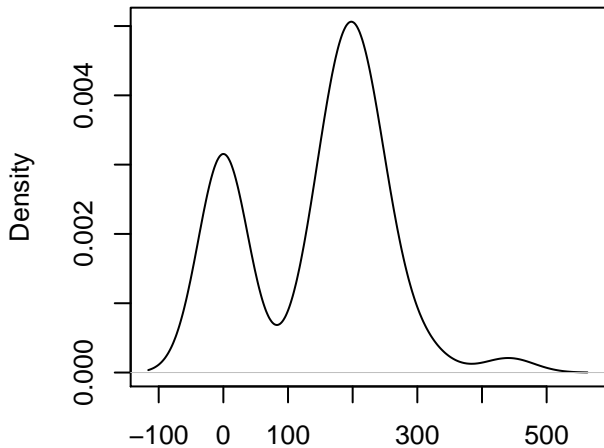
Insert size, N =37  
breakpoint: 6225836 – 6225927 wu-0 po-0

**Bp = 835 line = MAGIC.183 , Chr = 3**



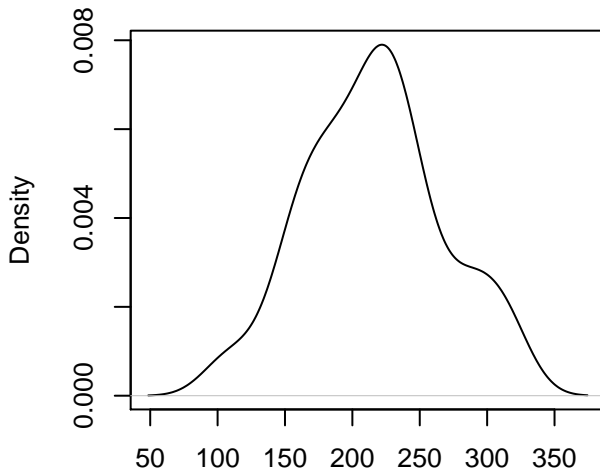
Insert size, N =52  
breakpoint: 6551511 – 6551606 po-0 ct-1

**Bp = 836 line = MAGIC.183 , Chr = 3**



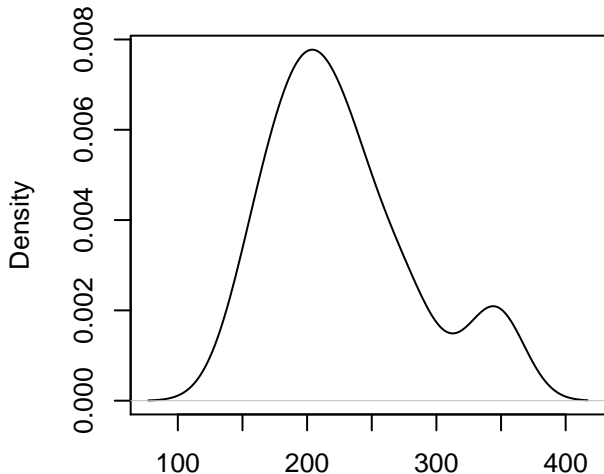
Insert size, N =98  
breakpoint: 6718185 – 6718940 ct-1 edi-0

**Bp = 837 line = MAGIC.183 , Chr = 3**



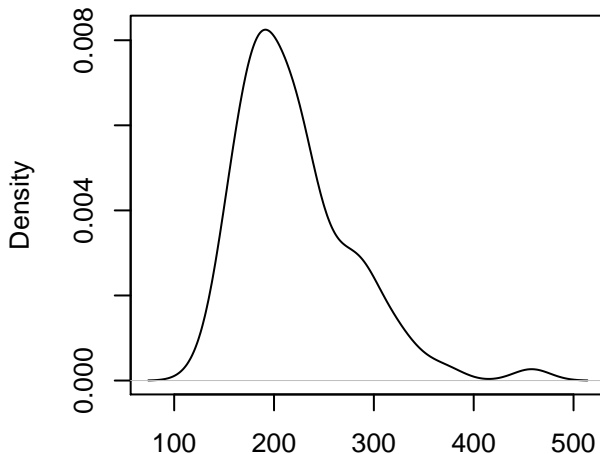
Insert size, N =52  
breakpoint: 7092905 – 7092935 edi-0 tsu-0

**Bp = 838 line = MAGIC.183 , Chr = 3**



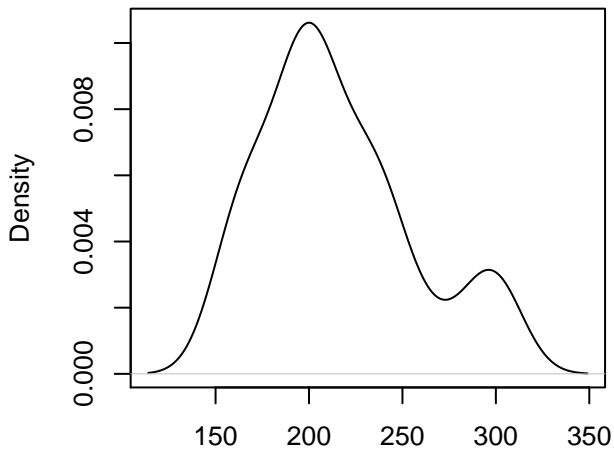
Insert size, N =50  
breakpoint: 7206625 – 7207178 tsu-0 oy-0

**Bp = 839 line = MAGIC.183 , Chr = 3**



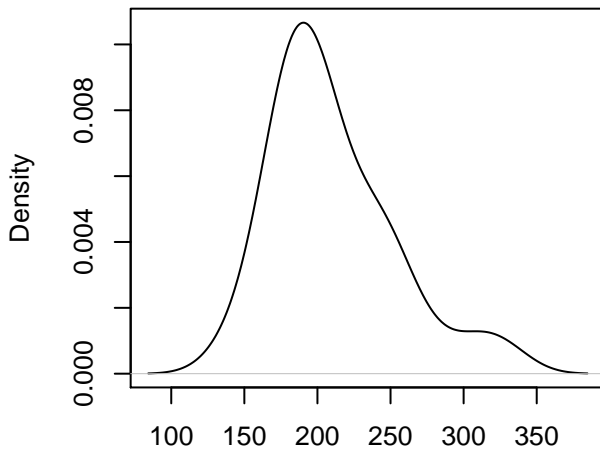
Insert size, N =80  
breakpoint: 7403294 – 7403489 oy-0 col-0

**Bp = 840 line = MAGIC.183 , Chr = 3**



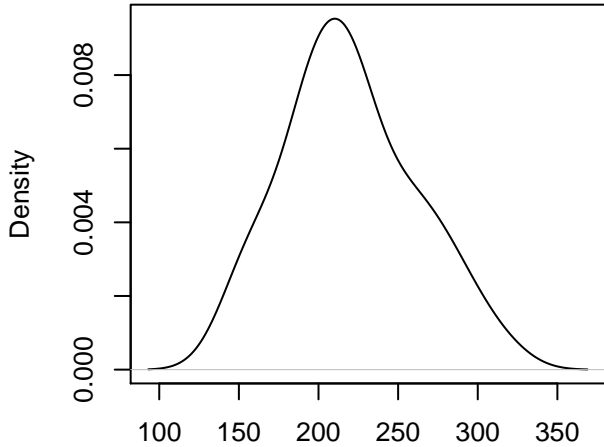
Insert size, N =36  
breakpoint: 7634415 – 7634419 col-0 tsu-0

**Bp = 841 line = MAGIC.183 , Chr = 3**



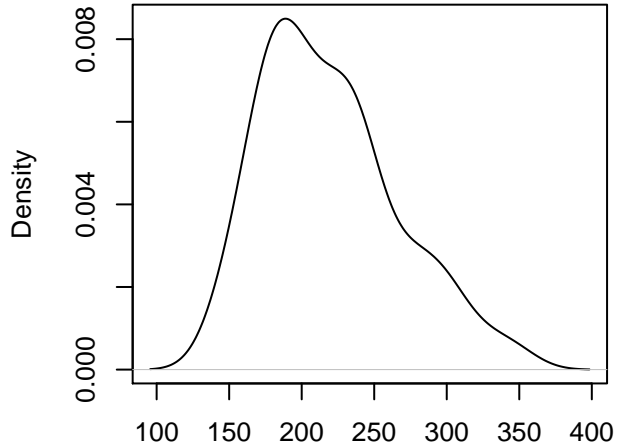
Insert size, N =30  
breakpoint: 7786324 – 7786330 tsu-0 edi-0

**Bp = 842 line = MAGIC.183 , Chr = 3**



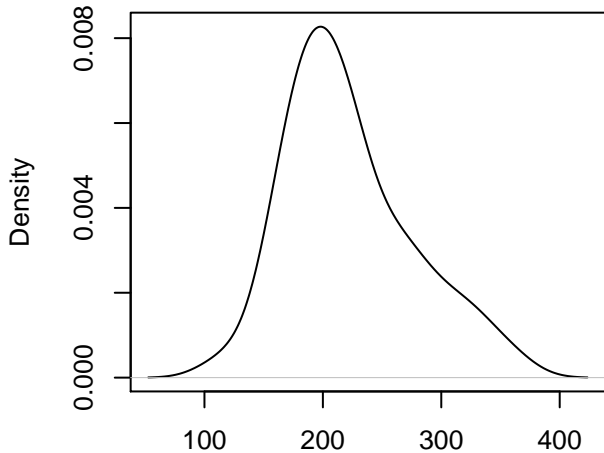
Insert size, N =51  
breakpoint: 7826311 – 7826570 edi-0 hi-0

**Bp = 843 line = MAGIC.183 , Chr = 3**



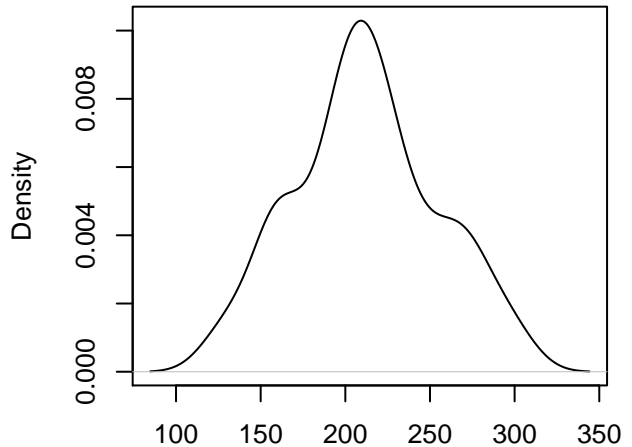
Insert size, N =62  
breakpoint: 7991399 – 7991496 hi-0 can-0

**Bp = 844 line = MAGIC.183 , Chr = 3**



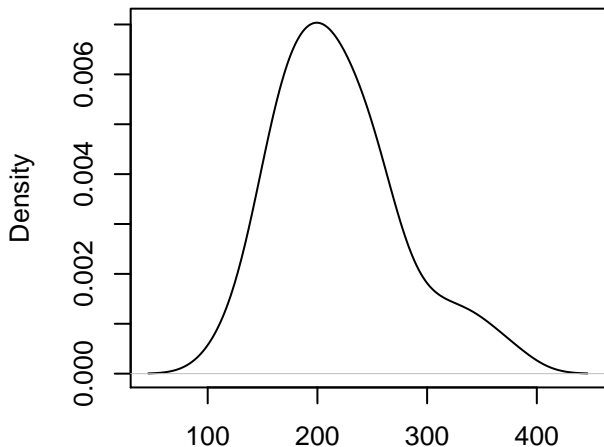
Insert size, N =46  
breakpoint: 8059538 – 8059691 can-0 edi-0

**Bp = 845 line = MAGIC.183 , Chr = 3**



Insert size, N =45  
breakpoint: 8109742 – 8109856 edi-0 bur-0

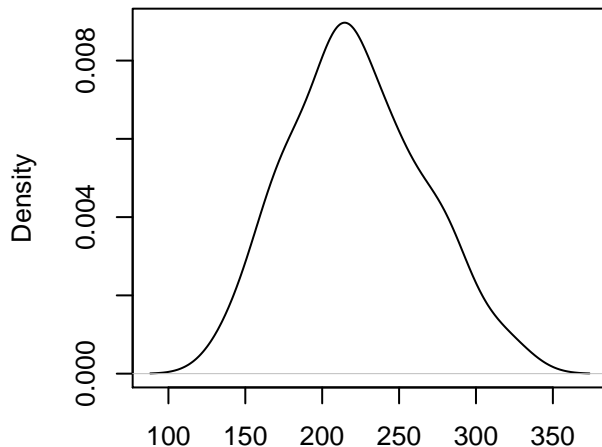
**Bp = 846 line = MAGIC.183 , Chr = 3**



Insert size, N =44

breakpoint: 8119975 – 8119984 bur-0 col-0

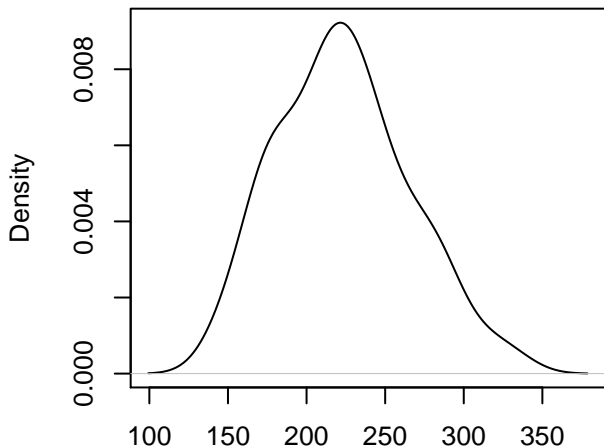
**Bp = 847 line = MAGIC.183 , Chr = 3**



Insert size, N =45

breakpoint: 8264267 – 8264270 col-0 bur-0

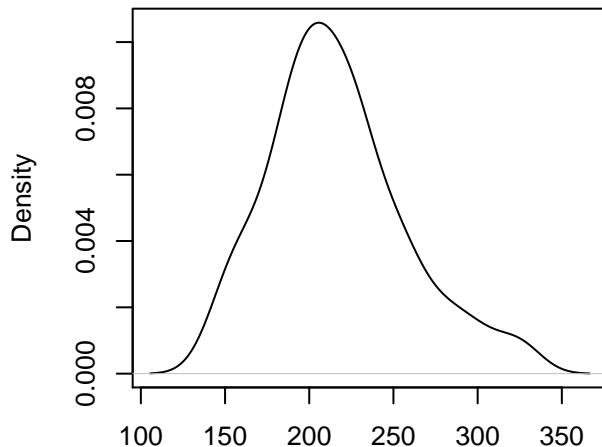
**Bp = 848 line = MAGIC.183 , Chr = 3**



Insert size, N =65

breakpoint: 8312417 – 8312458 bur-0 mt-0

**Bp = 849 line = MAGIC.183 , Chr = 3**

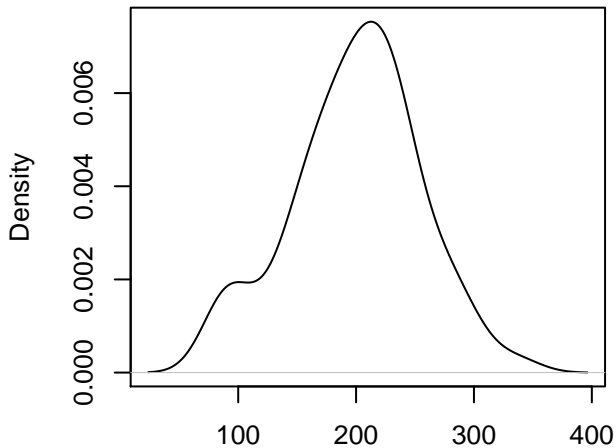


Insert size, N =68

breakpoint: 8417578 – 8417593 mt-0 no-0

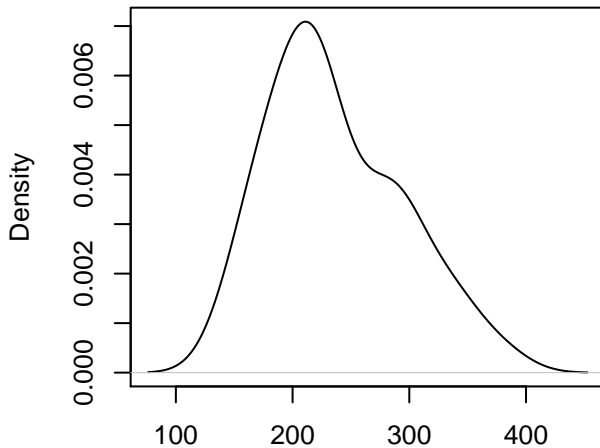


**Bp = 850 line = MAGIC.183 , Chr = 3**



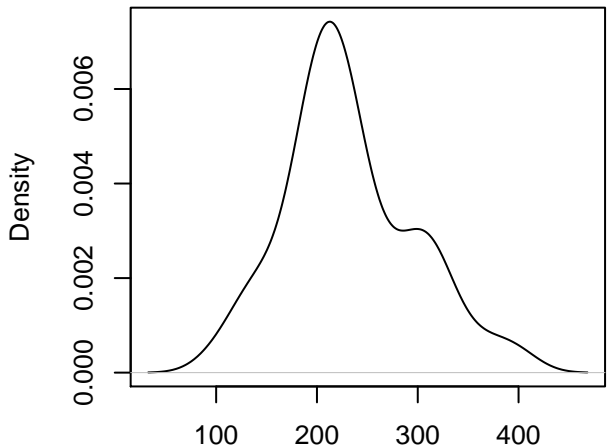
Insert size, N =72  
breakpoint: 8422979 – 8422980 no-0 oy-0

**Bp = 851 line = MAGIC.183 , Chr = 3**



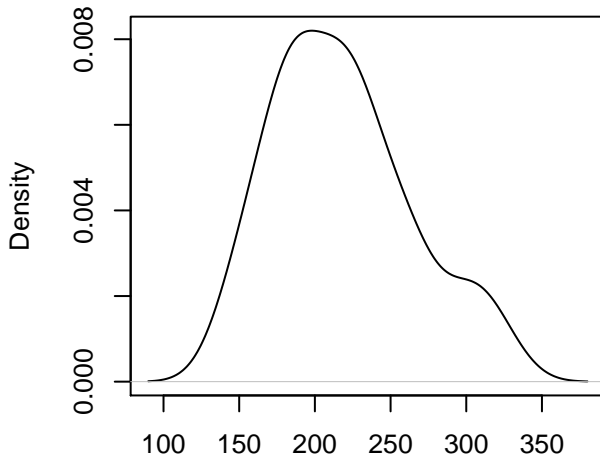
Insert size, N =44  
breakpoint: 8450767 – 8450926 oy-0 ct-1

**Bp = 852 line = MAGIC.183 , Chr = 3**



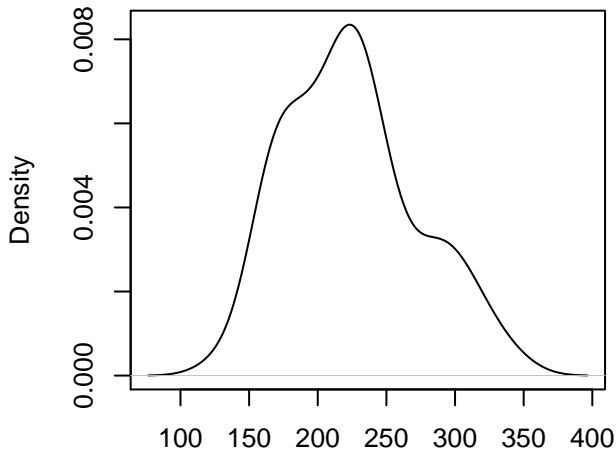
Insert size, N =49  
breakpoint: 8457369 – 8457433 ct-1 kn-0

**Bp = 853 line = MAGIC.183 , Chr = 3**



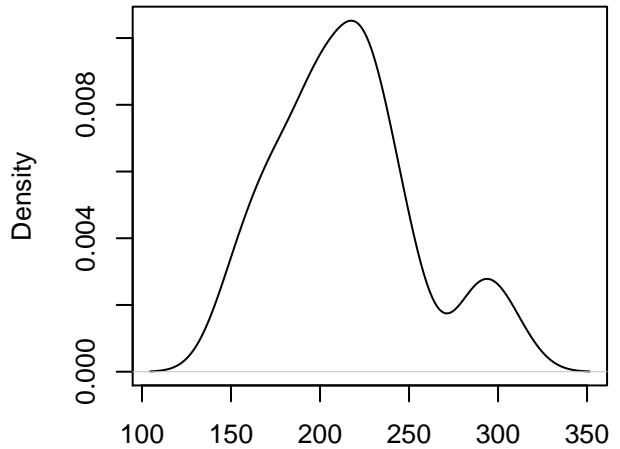
Insert size, N =60  
breakpoint: 8567825 – 8567854 kn-0 rsch-4

**Bp = 854 line = MAGIC.183 , Chr = 3**



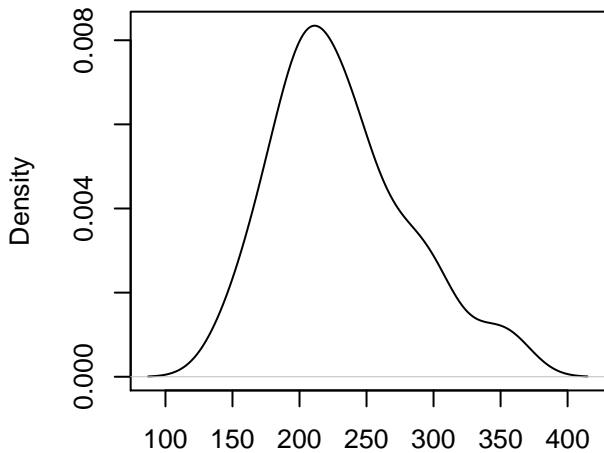
Insert size, N =66  
breakpoint: 8617767 – 8617803 rsch-4 ler-0

**Bp = 855 line = MAGIC.183 , Chr = 3**



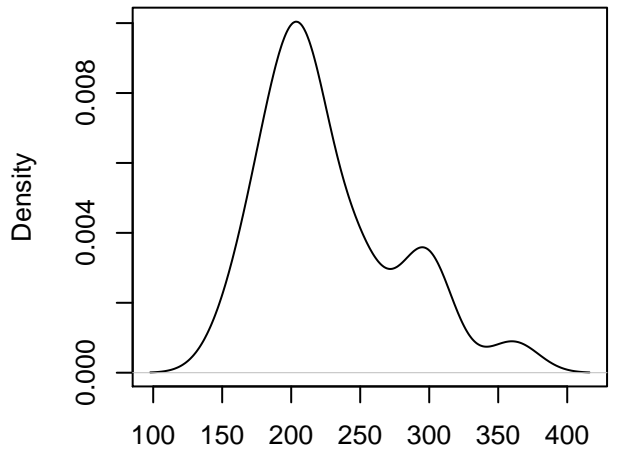
Insert size, N =43  
breakpoint: 8639806 – 8639824 ler-0 can-0

**Bp = 856 line = MAGIC.183 , Chr = 3**



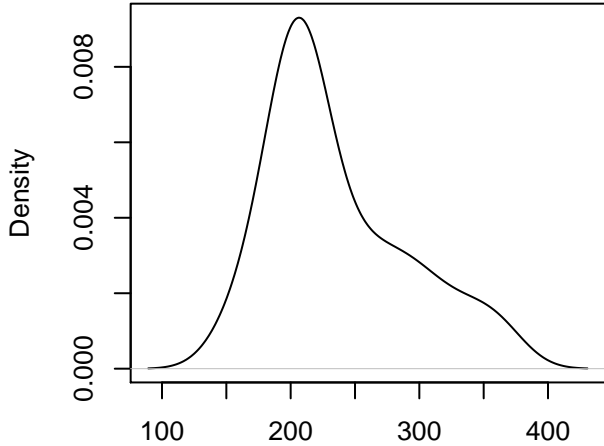
Insert size, N =47  
breakpoint: 8668885 – 8668922 can-0 kn-0

**Bp = 857 line = MAGIC.183 , Chr = 3**



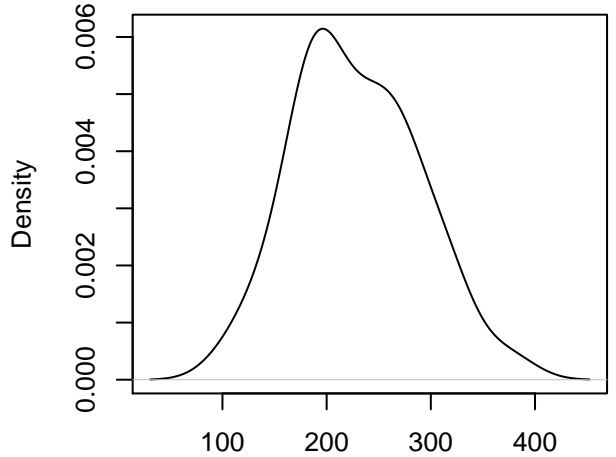
Insert size, N =50  
breakpoint: 8768826 – 8769160 kn-0 edi-0

**Bp = 858 line = MAGIC.183 , Chr = 3**



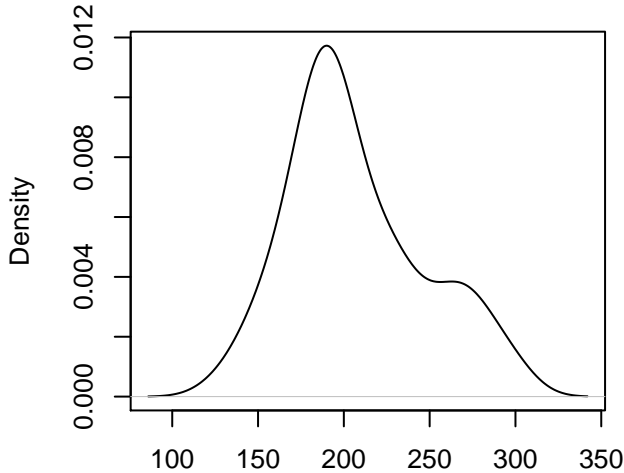
Insert size, N =36  
breakpoint: 8837317 – 8837323 edi-0 ws-0

**Bp = 859 line = MAGIC.183 , Chr = 3**



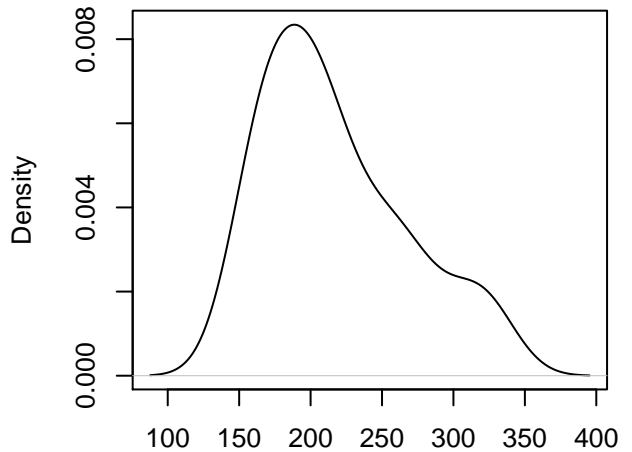
Insert size, N =36  
breakpoint: 8866523 – 8866529 ws-0 can-0

**Bp = 860 line = MAGIC.183 , Chr = 3**



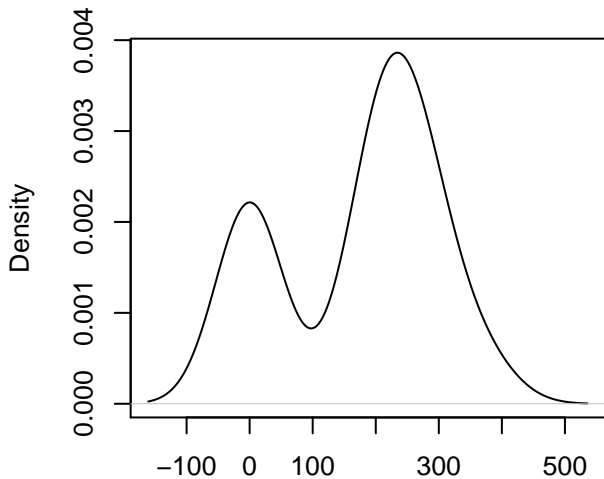
Insert size, N =57  
breakpoint: 8895322 – 8895368 can-0 rsch-4

**Bp = 861 line = MAGIC.183 , Chr = 3**



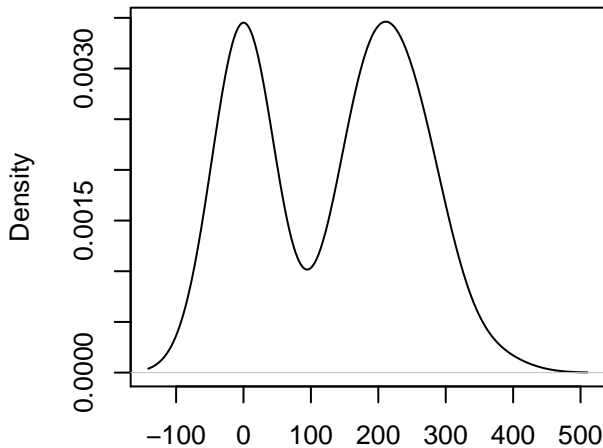
Insert size, N =50  
breakpoint: 8980560 – 8980586 rsch-4 zu-0

**Bp = 862 line = MAGIC.183 , Chr = 3**



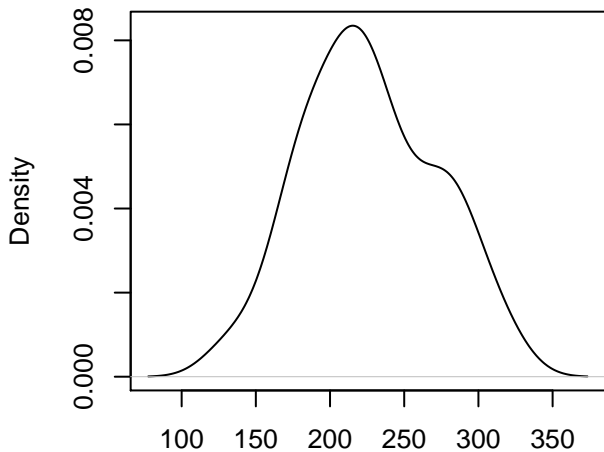
Insert size, N =37  
breakpoint: 9011556 – 9011564 zu-0 ler-0

**Bp = 863 line = MAGIC.183 , Chr = 3**



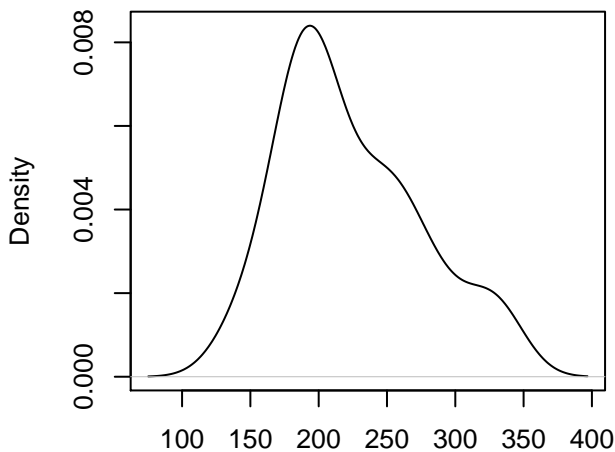
Insert size, N =54  
breakpoint: 9016331 – 9016370 ler-0 zu-0

**Bp = 864 line = MAGIC.183 , Chr = 3**



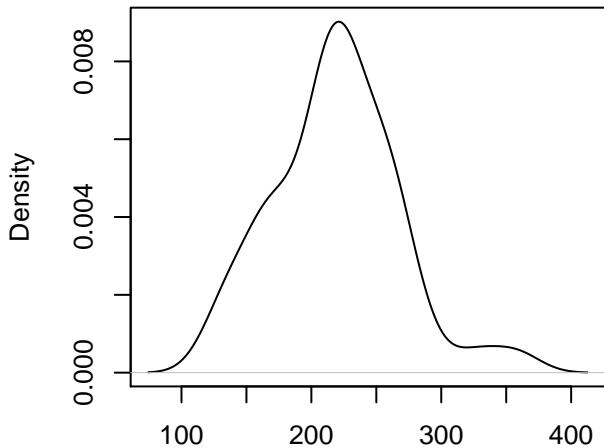
Insert size, N =61  
breakpoint: 9137512 – 9137519 zu-0 wu-0

**Bp = 865 line = MAGIC.183 , Chr = 3**



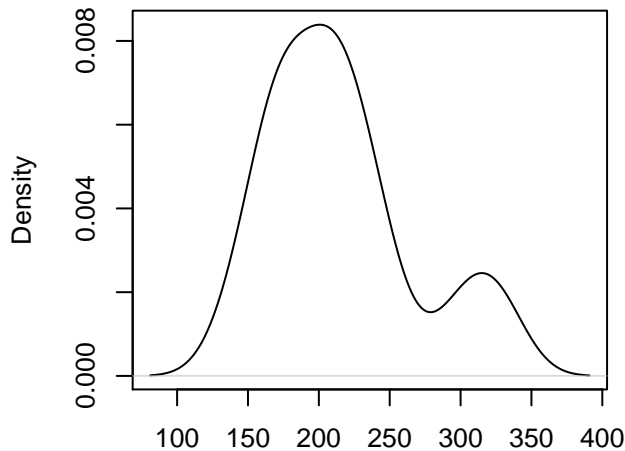
Insert size, N =52  
breakpoint: 9151224 – 9151230 wu-0 kn-0

**Bp = 866 line = MAGIC.183 , Chr = 3**



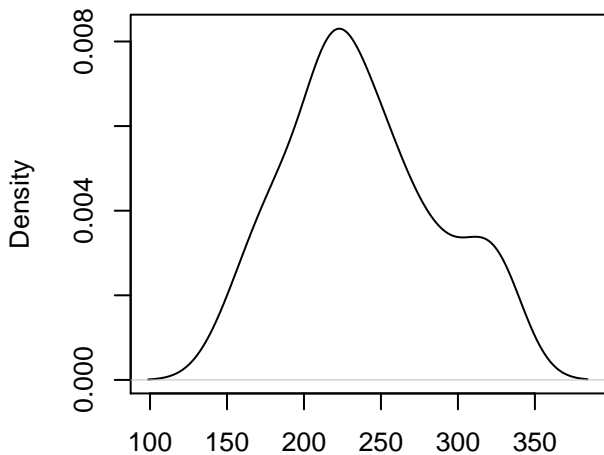
Insert size, N =44  
breakpoint: 9161961 – 9161972 kn-0 col-0

**Bp = 867 line = MAGIC.183 , Chr = 3**



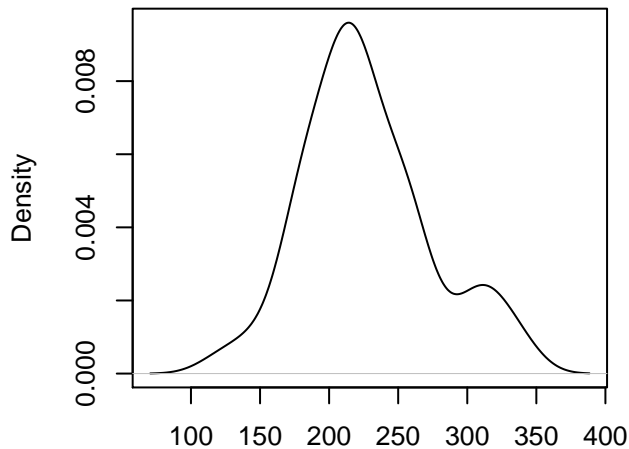
Insert size, N =32  
breakpoint: 9300293 – 9300299 col-0 ler-0

**Bp = 868 line = MAGIC.183 , Chr = 3**



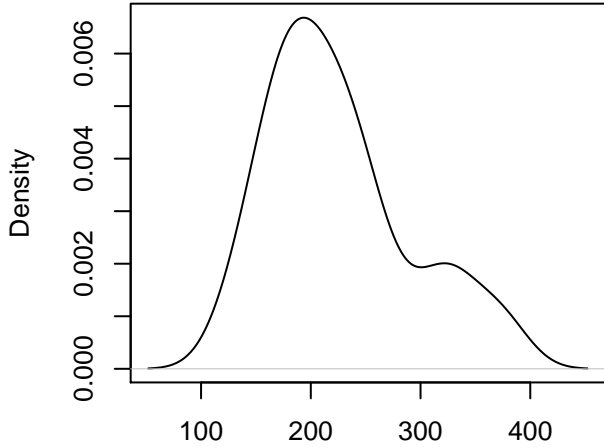
Insert size, N =40  
breakpoint: 9469240 – 9469299 ler-0 oy-0

**Bp = 869 line = MAGIC.183 , Chr = 3**



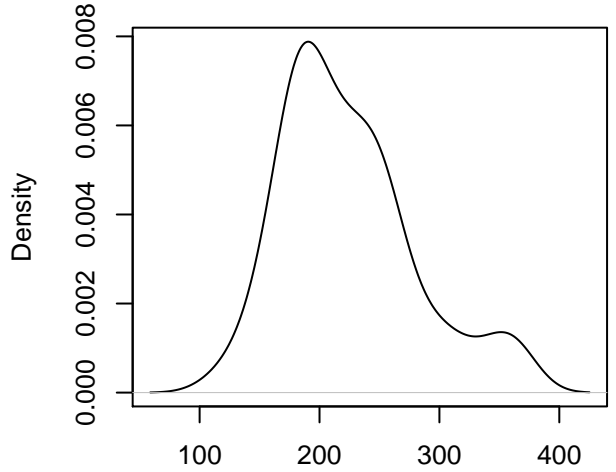
Insert size, N =61  
breakpoint: 9508010 – 9508166 oy-0 zu-0

**Bp = 870 line = MAGIC.183 , Chr = 3**



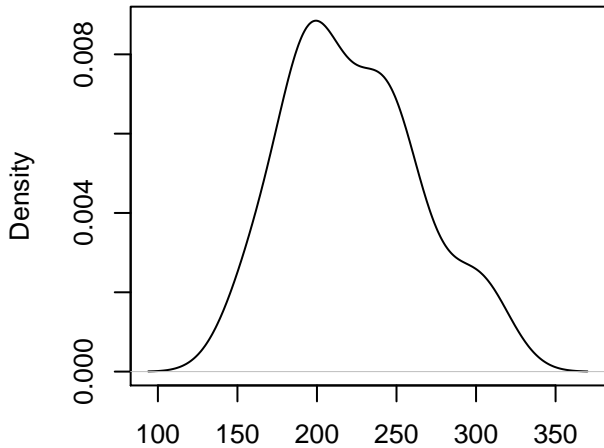
Insert size, N =34  
breakpoint: 9551383 – 9551400 zu-0 tsu-0

**Bp = 871 line = MAGIC.183 , Chr = 3**



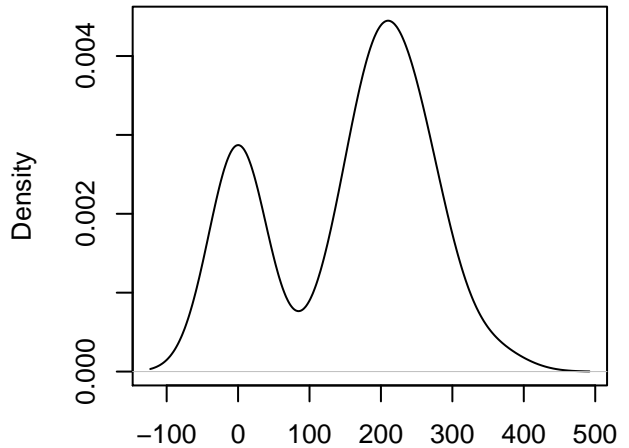
Insert size, N =60  
breakpoint: 9593971 – 9594281 tsu-0 oy-0

**Bp = 872 line = MAGIC.183 , Chr = 3**



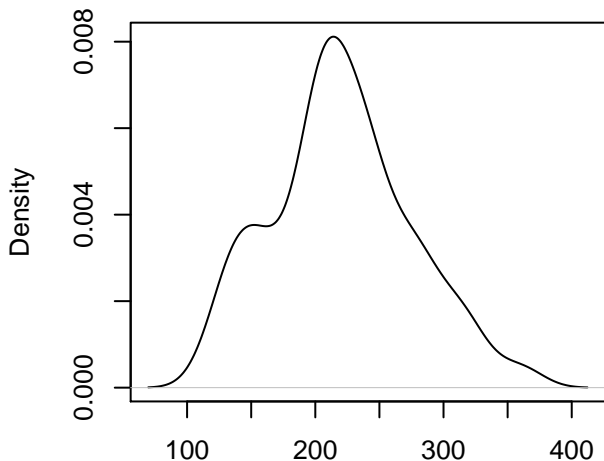
Insert size, N =66  
breakpoint: 9634275 – 9634321 oy-0 kn-0

**Bp = 873 line = MAGIC.183 , Chr = 3**



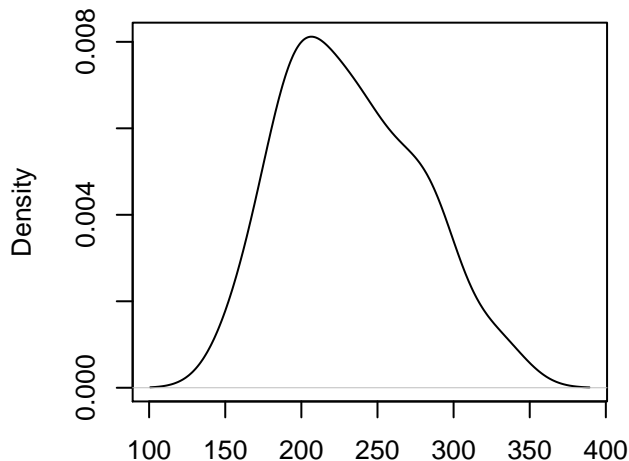
Insert size, N =78  
breakpoint: 9638379 – 9638389 kn-0 wu-0

**Bp = 874 line = MAGIC.183 , Chr = 3**



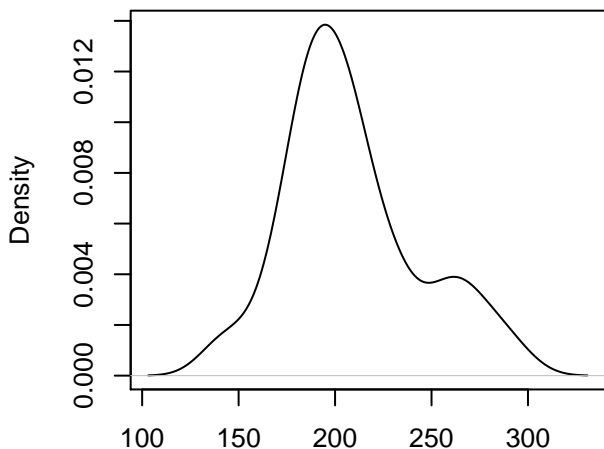
Insert size, N =50  
breakpoint: 9676225 – 9676281 wu-0 wil-2

**Bp = 875 line = MAGIC.183 , Chr = 3**



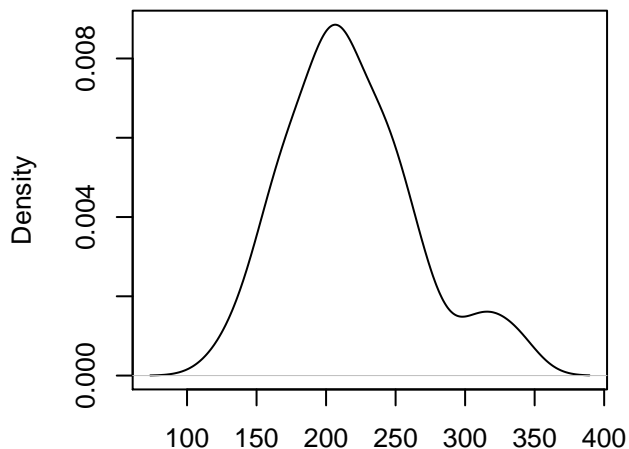
Insert size, N =39  
breakpoint: 9683898 – 9683911 wil-2 kn-0

**Bp = 876 line = MAGIC.183 , Chr = 3**



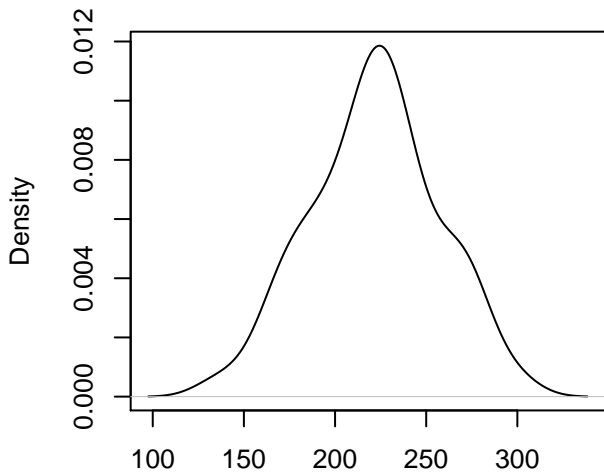
Insert size, N =47  
breakpoint: 9700681 – 9700777 kn-0 edi-0

**Bp = 877 line = MAGIC.183 , Chr = 3**



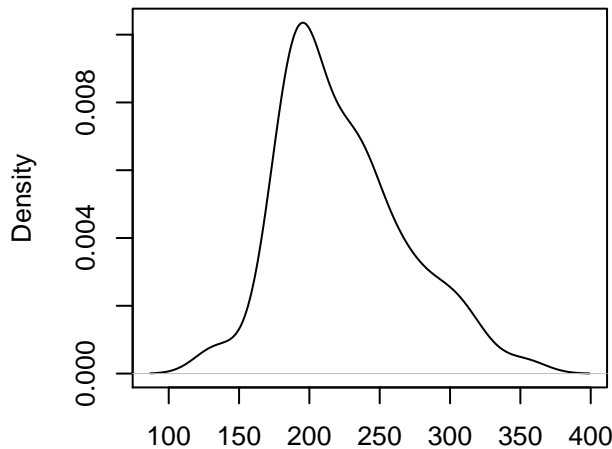
Insert size, N =79  
breakpoint: 9748963 – 9748999 edi-0 hi-0

**Bp = 878 line = MAGIC.183 , Chr = 3**



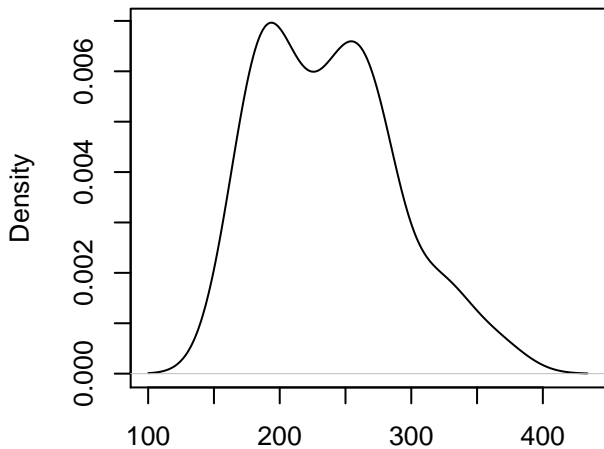
Insert size, N =51  
breakpoint: 9778484 – 9778512 hi-0 wu-0

**Bp = 879 line = MAGIC.183 , Chr = 3**



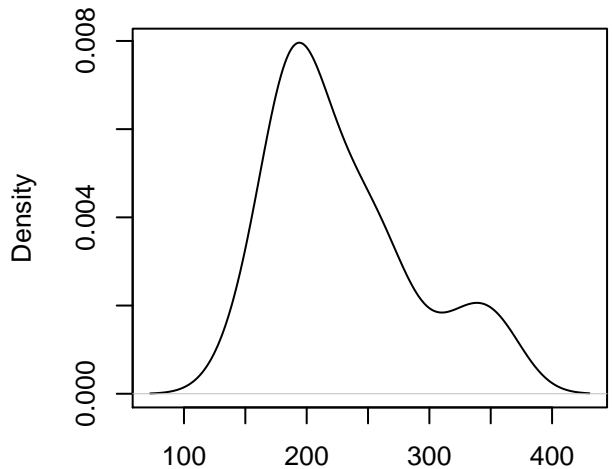
Insert size, N =68  
breakpoint: 9825506 – 9825515 wu-0 mt-0

**Bp = 880 line = MAGIC.183 , Chr = 3**



Insert size, N =51  
breakpoint: 9917367 – 9917560 mt-0 col-0

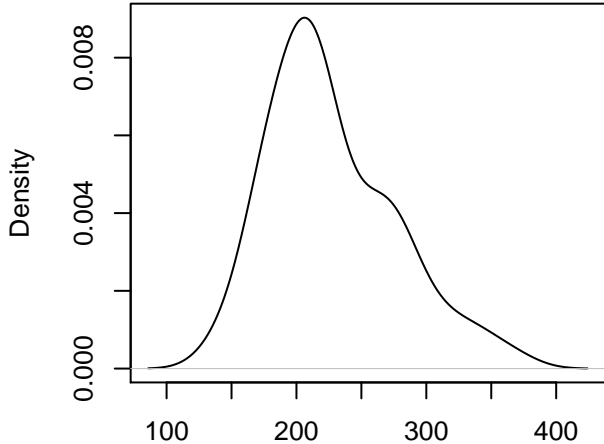
**Bp = 881 line = MAGIC.183 , Chr = 3**



Insert size, N =31  
breakpoint: 10043396 – 10043398 col-0 tsu-0

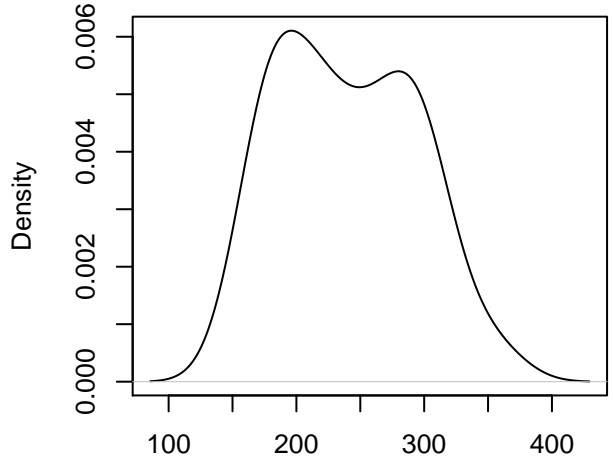


**Bp = 882 line = MAGIC.183 , Chr = 3**



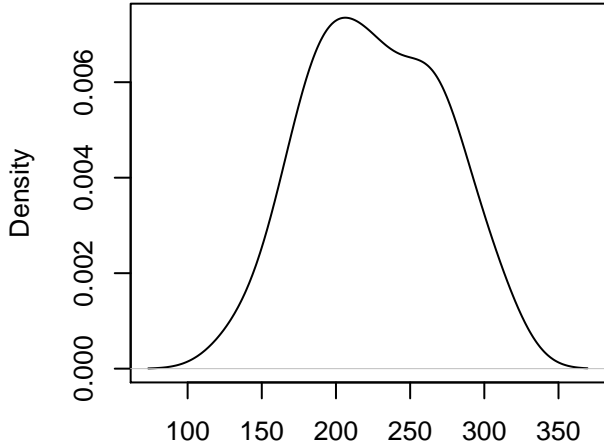
Insert size, N =66  
breakpoint: 10078395 – 10078562 tsu-0 edi-0

**Bp = 883 line = MAGIC.183 , Chr = 3**



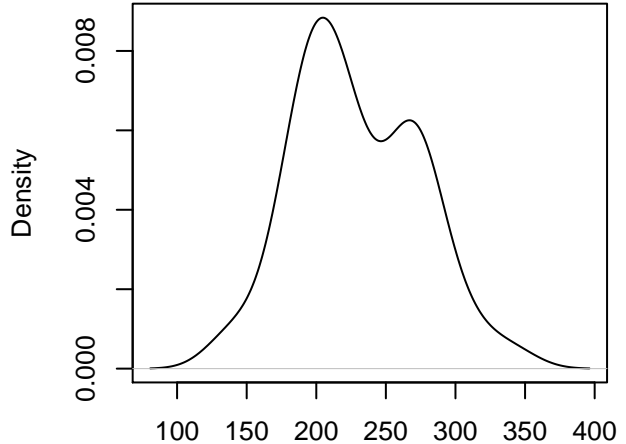
Insert size, N =43  
breakpoint: 10111961 – 10111967 edi-0 no-0

**Bp = 884 line = MAGIC.183 , Chr = 3**



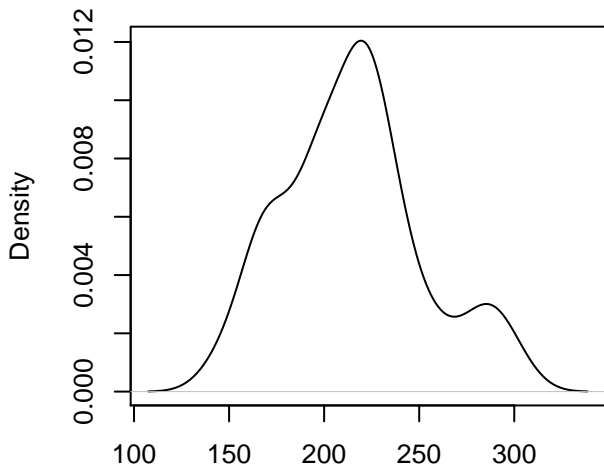
Insert size, N =50  
breakpoint: 10134888 – 10134920 no-0 wu-0

**Bp = 885 line = MAGIC.183 , Chr = 3**



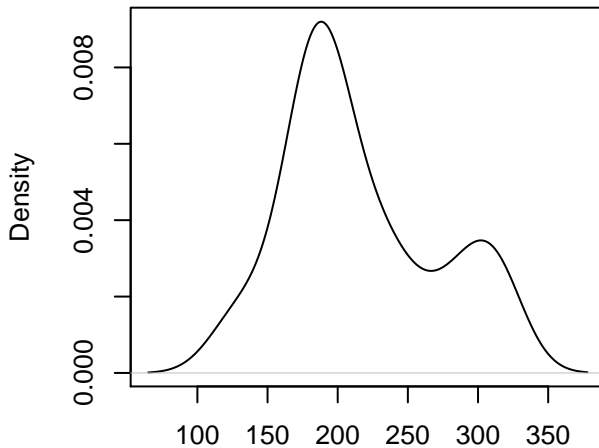
Insert size, N =49  
breakpoint: 10149498 – 10149524 wu-0 ler-0

**Bp = 886 line = MAGIC.183 , Chr = 3**



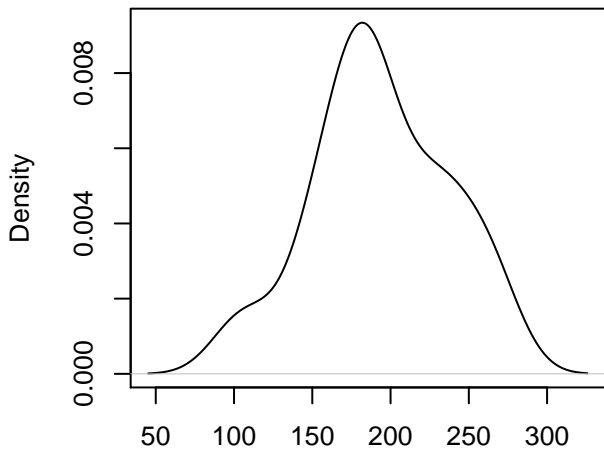
Insert size, N =66  
breakpoint: 10156332 – 10156335 ler-0 ct-1

**Bp = 887 line = MAGIC.183 , Chr = 3**



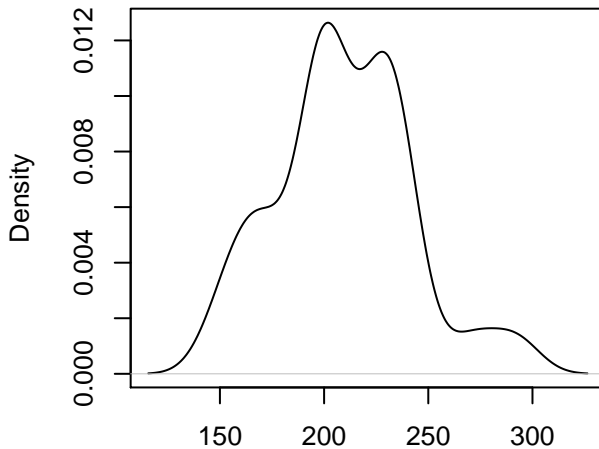
Insert size, N =26  
breakpoint: 10181102 – 10181111 ct-1 col-0

**Bp = 888 line = MAGIC.183 , Chr = 3**



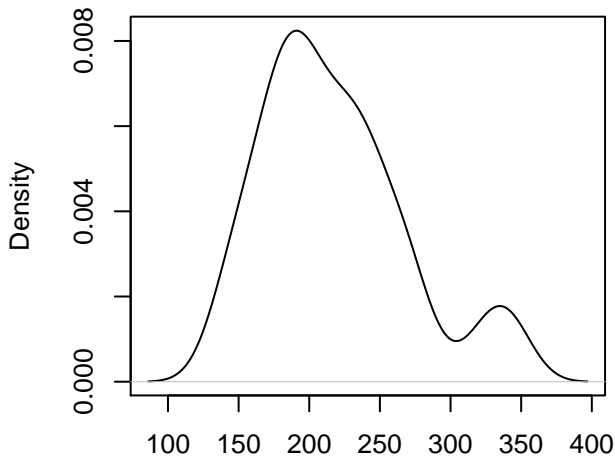
Insert size, N =27  
breakpoint: 10296792 – 10296812 col-0 hi-0

**Bp = 889 line = MAGIC.183 , Chr = 3**



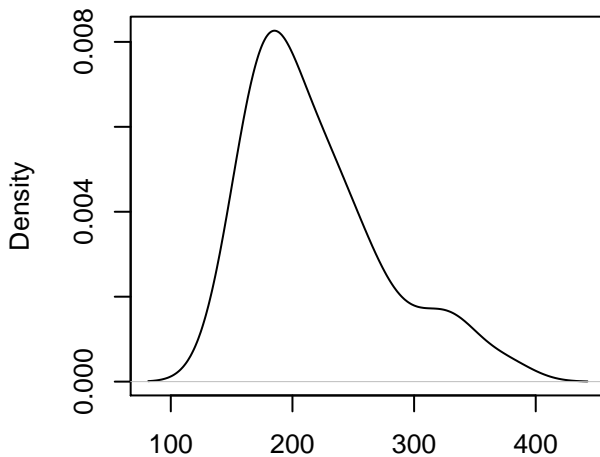
Insert size, N =28  
breakpoint: 10507510 – 10507512 hi-0 ler-0

**Bp = 890 line = MAGIC.183 , Chr = 3**



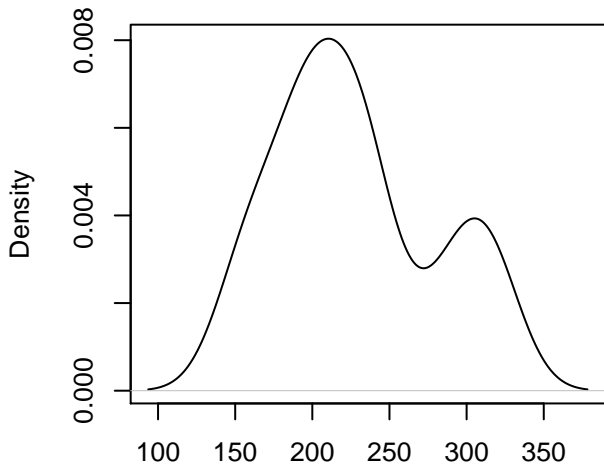
Insert size, N =80  
breakpoint: 10528544 – 10528547 ler-0 oy-0

**Bp = 891 line = MAGIC.183 , Chr = 3**



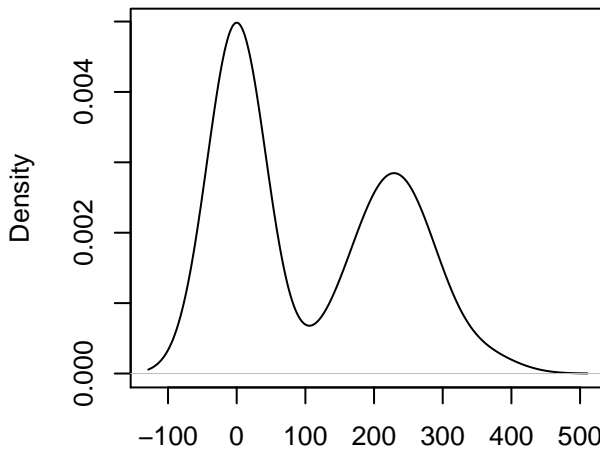
Insert size, N =42  
breakpoint: 10540434 – 10540497 oy-0 sf-2

**Bp = 892 line = MAGIC.183 , Chr = 3**



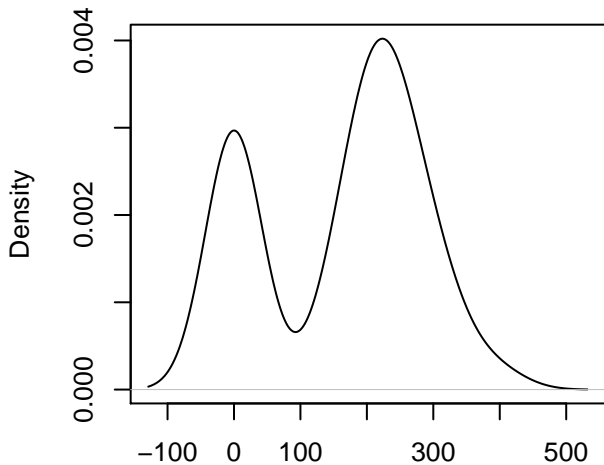
Insert size, N =12  
breakpoint: 10553278 – 10553362 sf-2 rsch-4

**Bp = 893 line = MAGIC.183 , Chr = 3**



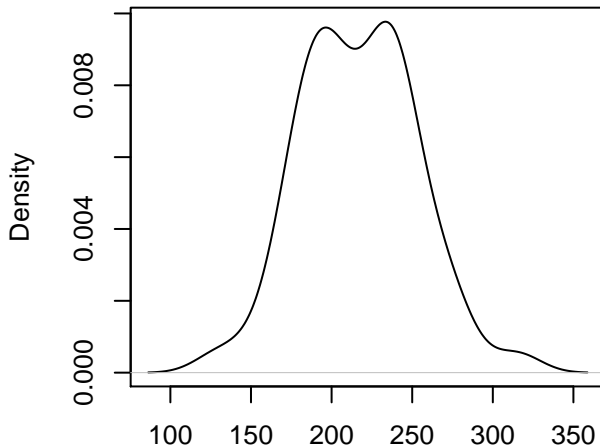
Insert size, N =110  
breakpoint: 10586781 – 10586804 rsch-4 kn-0

**Bp = 894 line = MAGIC.183 , Chr = 3**



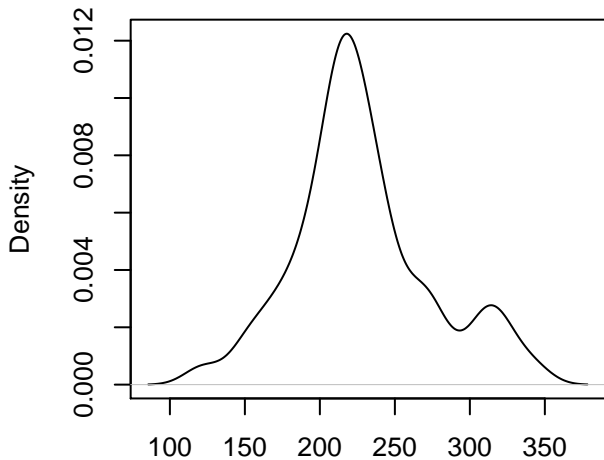
Insert size, N =100  
breakpoint: 10628636 – 10628639 kn-0 zu-0

**Bp = 895 line = MAGIC.183 , Chr = 3**



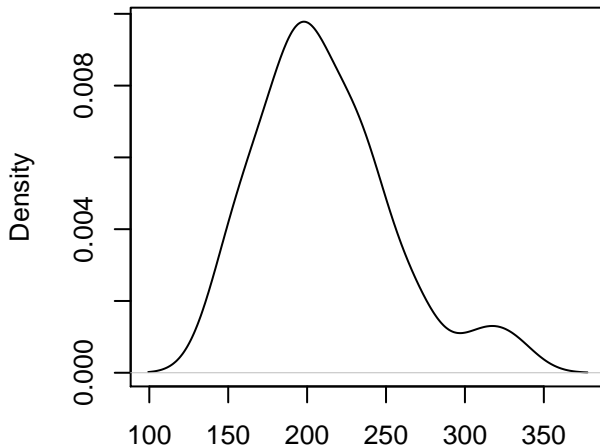
Insert size, N =51  
breakpoint: 10666604 – 10666621 zu-0 oy-0

**Bp = 896 line = MAGIC.183 , Chr = 3**



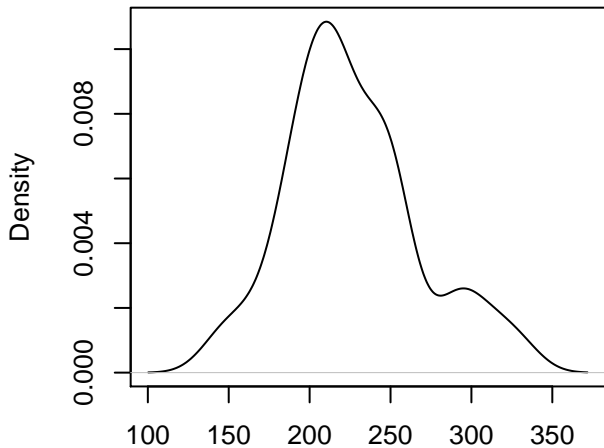
Insert size, N =53  
breakpoint: 10688733 – 10688745 oy-0 ler-0

**Bp = 897 line = MAGIC.183 , Chr = 3**



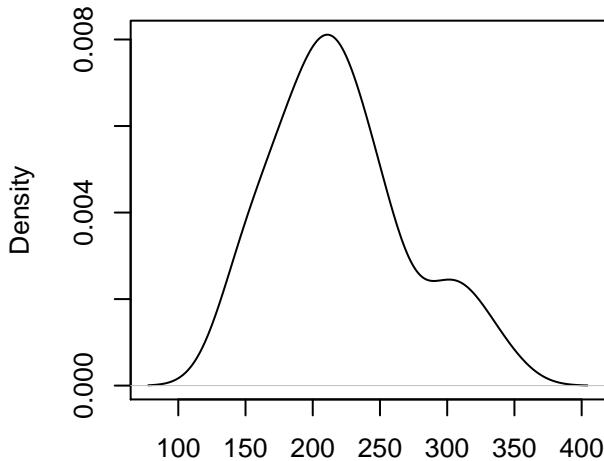
Insert size, N =31  
breakpoint: 10706631 – 10706634 ler-0 hi-0

**Bp = 898 line = MAGIC.183 , Chr = 3**



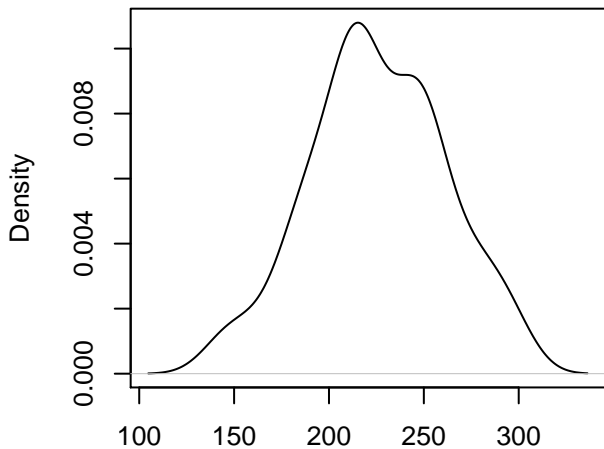
Insert size, N =74  
breakpoint: 10740001 – 10740077 hi-0 no-0

**Bp = 899 line = MAGIC.183 , Chr = 3**



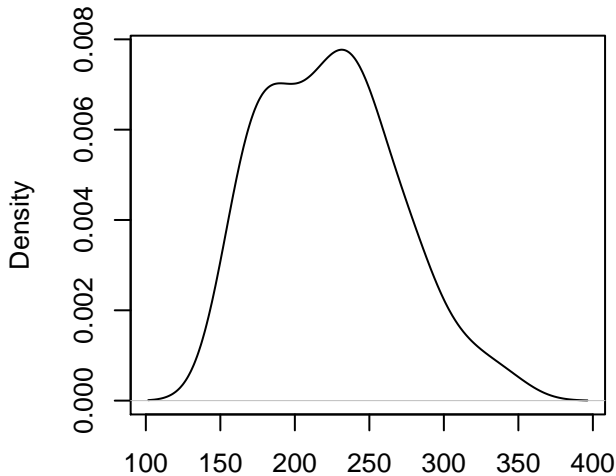
Insert size, N =57  
breakpoint: 10750900 – 10750934 no-0 rsch-4

**Bp = 900 line = MAGIC.183 , Chr = 3**



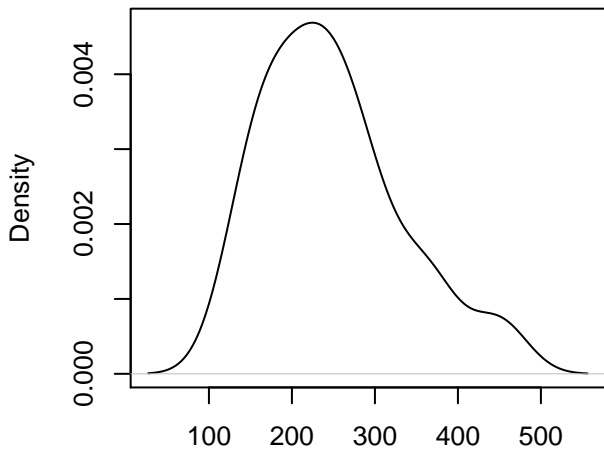
Insert size, N =53  
breakpoint: 10822930 – 10822981 rsch-4 zu-0

**Bp = 901 line = MAGIC.183 , Chr = 3**



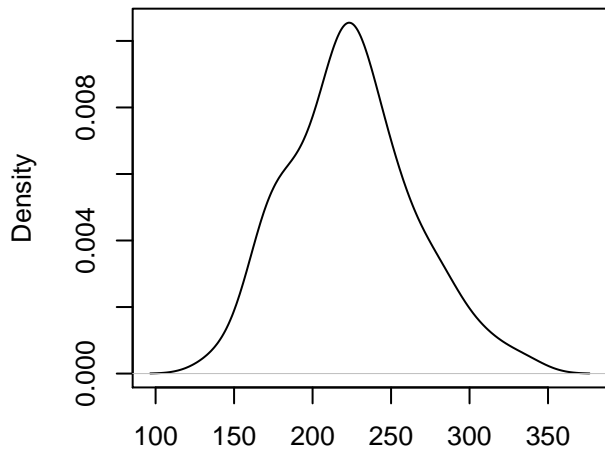
Insert size, N =59  
breakpoint: 10856339 – 10856371 zu-0 wil-2

**Bp = 902 line = MAGIC.183 , Chr = 3**



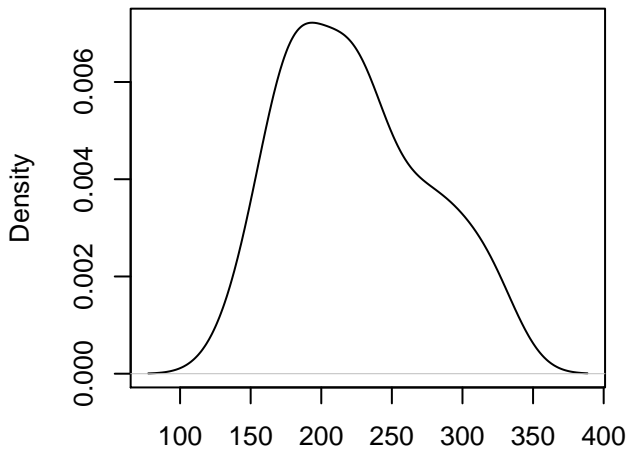
Insert size, N =33  
breakpoint: 10881773 – 10881930 wil-2 wu-0

**Bp = 903 line = MAGIC.183 , Chr = 3**



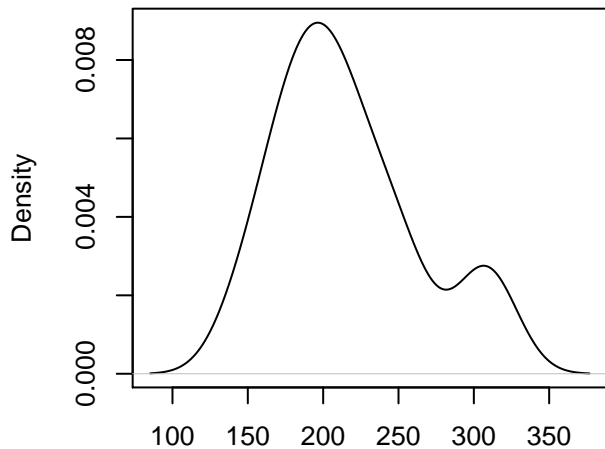
Insert size, N =77  
breakpoint: 10893368 – 10893378 wu-0 po-0

**Bp = 904 line = MAGIC.183 , Chr = 3**



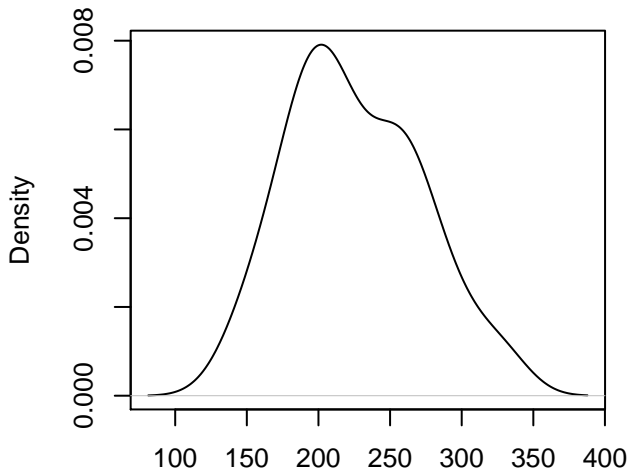
Insert size, N =57  
breakpoint: 10914297 – 10914298 po-0 wil-2

**Bp = 905 line = MAGIC.183 , Chr = 3**



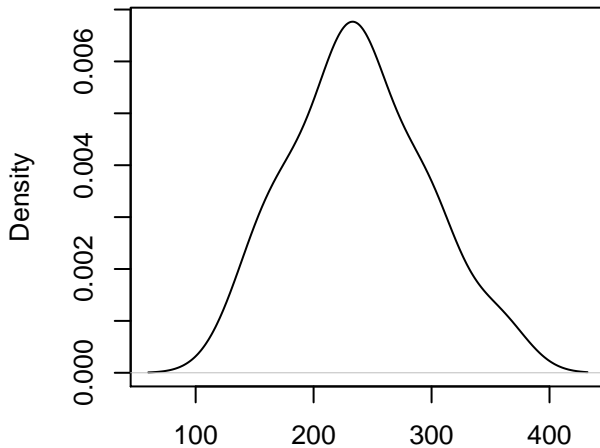
Insert size, N =37  
breakpoint: 10955229 – 10955341 wil-2 can-0

**Bp = 906 line = MAGIC.183 , Chr = 3**



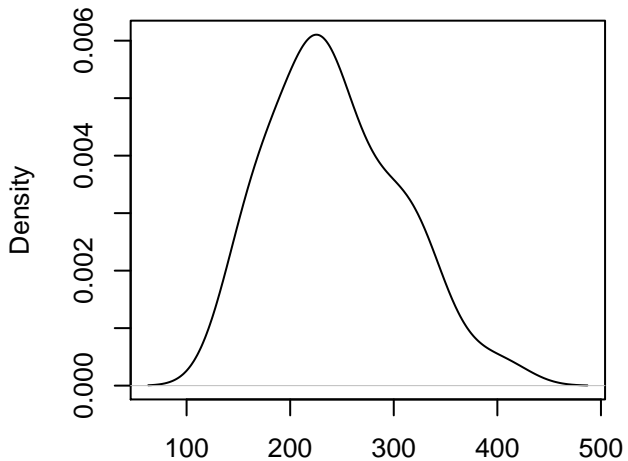
Insert size, N =44  
breakpoint: 10966127 – 10966131 can-0 ct-1

**Bp = 907 line = MAGIC.183 , Chr = 3**



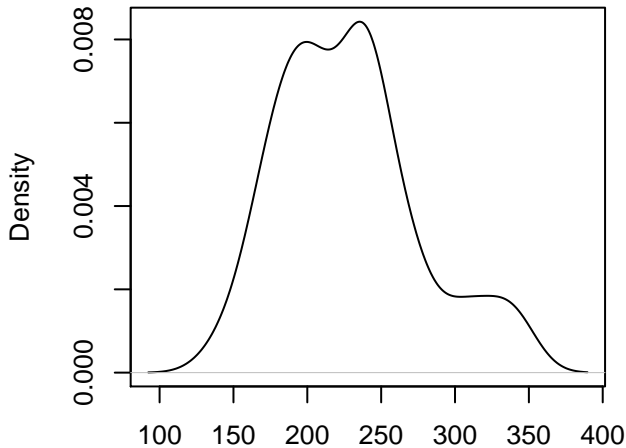
Insert size, N =30  
breakpoint: 10995513 – 10995567 ct-1 col-0

**Bp = 908 line = MAGIC.183 , Chr = 3**



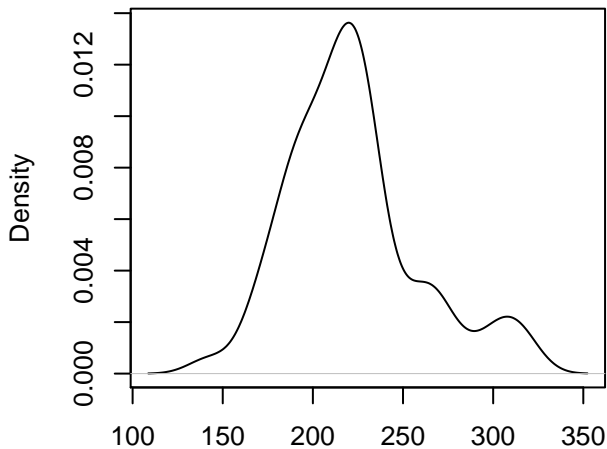
Insert size, N =51  
breakpoint: 11035922 – 11036090 col-0 no-0

**Bp = 909 line = MAGIC.183 , Chr = 3**

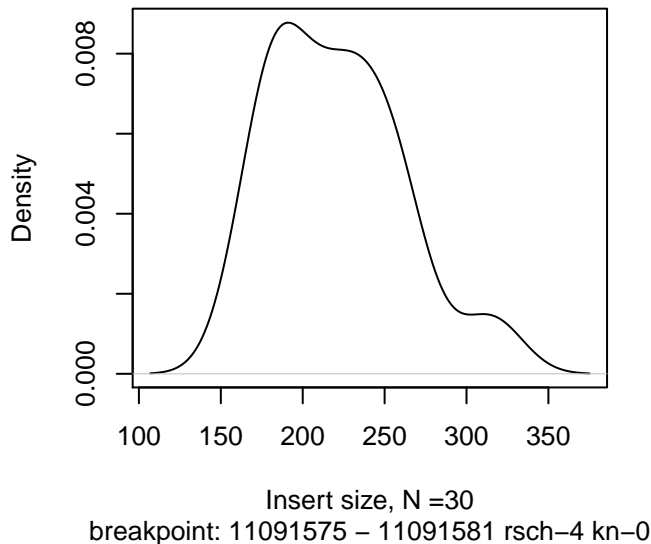


Insert size, N =59  
breakpoint: 11045717 – 11045720 no-0 po-0

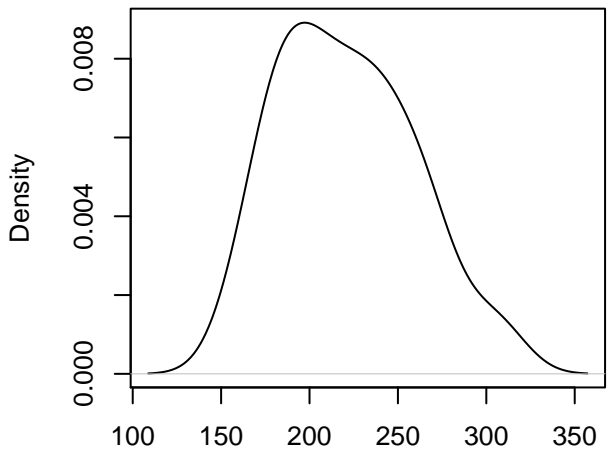
**Bp = 910 line = MAGIC.183 , Chr = 3**



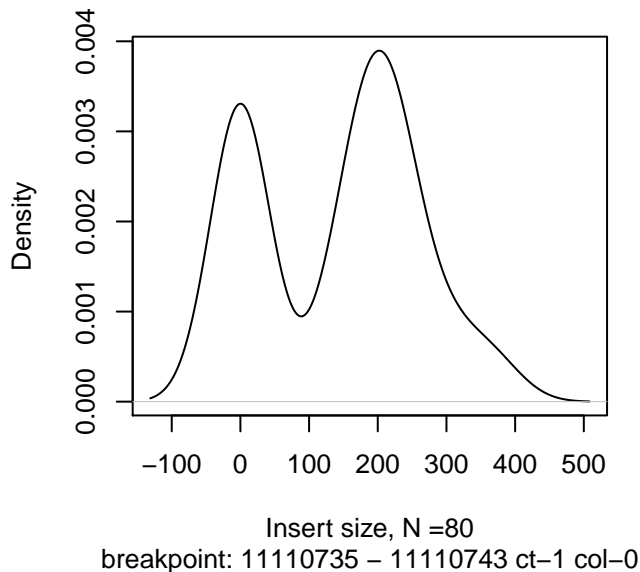
**Bp = 911 line = MAGIC.183 , Chr = 3**



**Bp = 912 line = MAGIC.183 , Chr = 3**

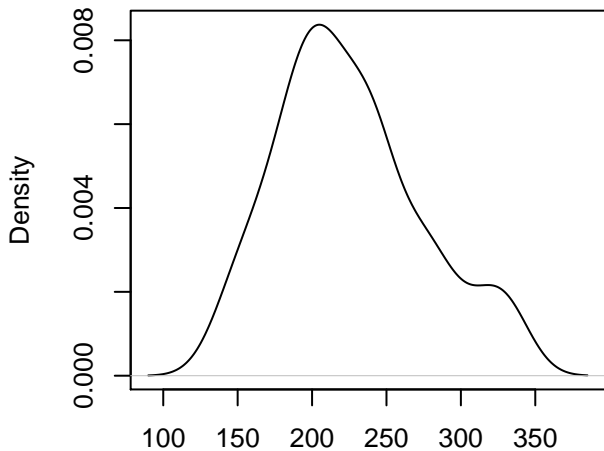


**Bp = 913 line = MAGIC.183 , Chr = 3**



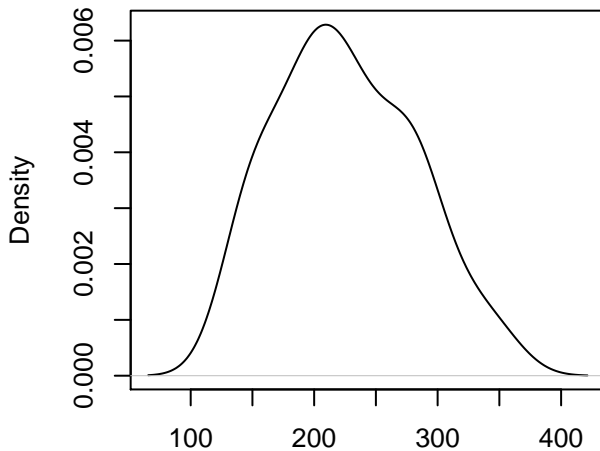


**Bp = 914 line = MAGIC.183 , Chr = 3**



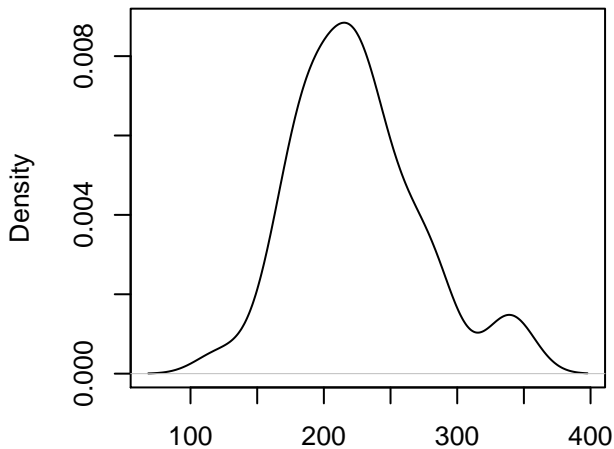
Insert size, N =58  
breakpoint: 11114501 – 11114530 col-0 hi-0

**Bp = 915 line = MAGIC.183 , Chr = 3**



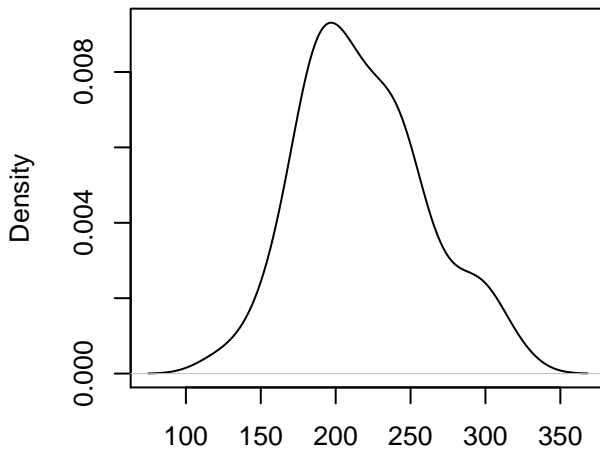
Insert size, N =49  
breakpoint: 11163201 – 11163255 hi-0 kn-0

**Bp = 916 line = MAGIC.183 , Chr = 3**



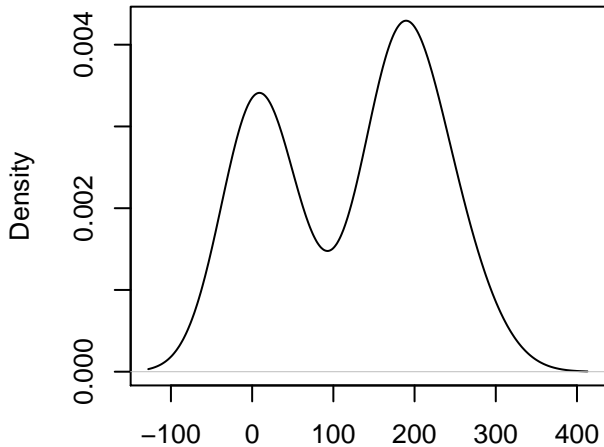
Insert size, N =45  
breakpoint: 11189450 – 11189513 kn-0 wu-0

**Bp = 917 line = MAGIC.183 , Chr = 3**



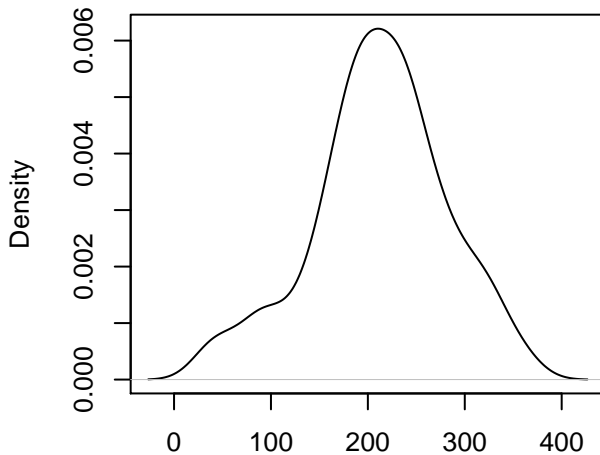
Insert size, N =73  
breakpoint: 11237473 – 11237537 wu-0 rsch-4

**Bp = 918 line = MAGIC.183 , Chr = 3**



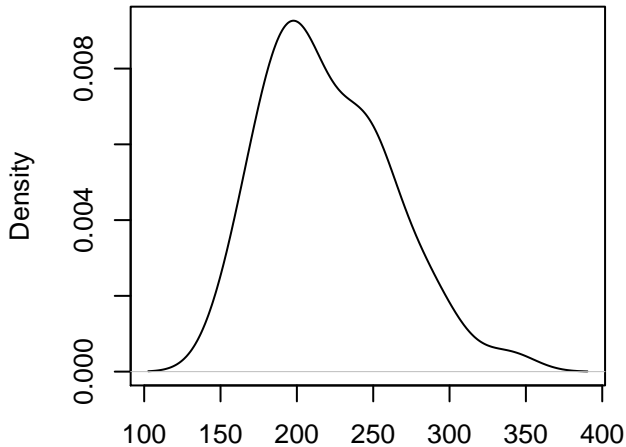
Insert size, N =37  
breakpoint: 11273265 – 11273266 rsch-4 bur-0

**Bp = 919 line = MAGIC.183 , Chr = 3**



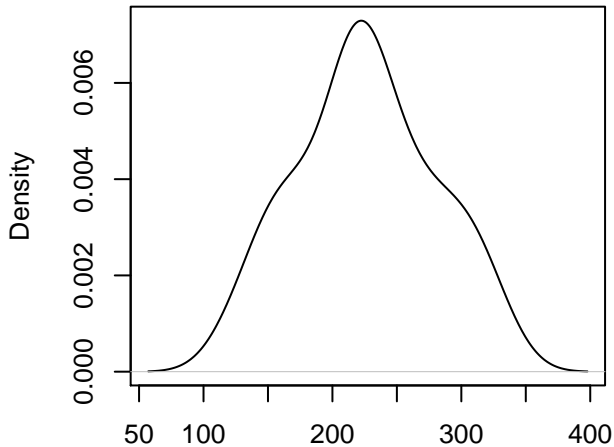
Insert size, N =85  
breakpoint: 11297788 – 11297807 bur-0 po-0

**Bp = 920 line = MAGIC.183 , Chr = 3**



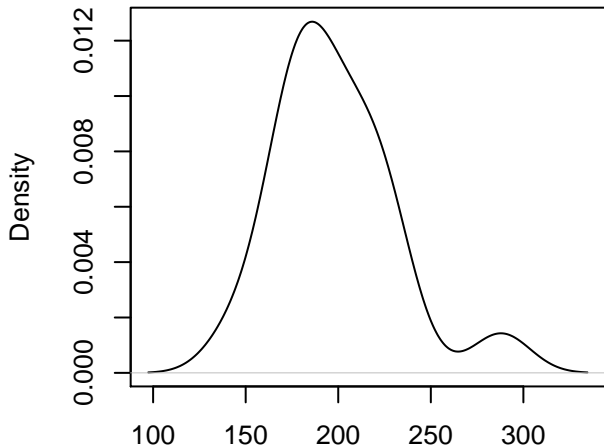
Insert size, N =48  
breakpoint: 11303219 – 11303227 po-0 col-0

**Bp = 921 line = MAGIC.183 , Chr = 3**

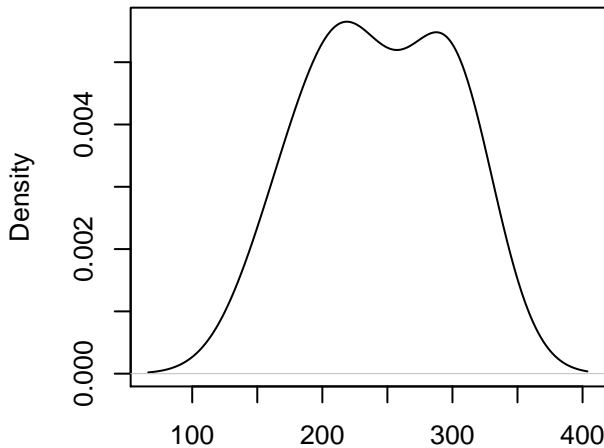


Insert size, N =50  
breakpoint: 11313642 – 11313645 col-0 bur-0

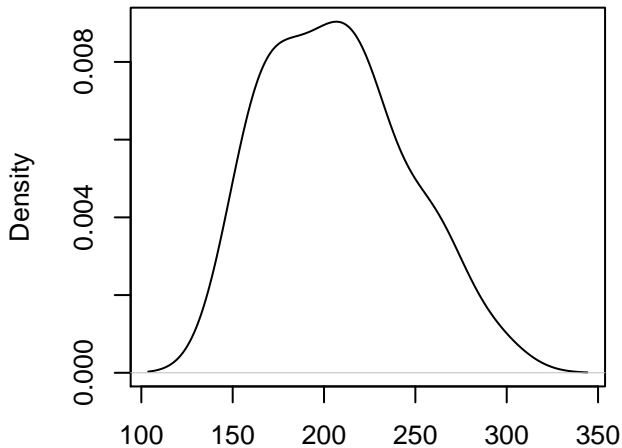
**Bp = 922 line = MAGIC.183 , Chr = 3**



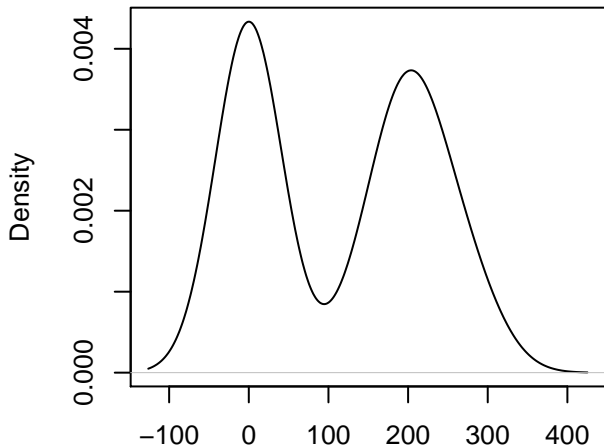
**Bp = 923 line = MAGIC.183 , Chr = 3**



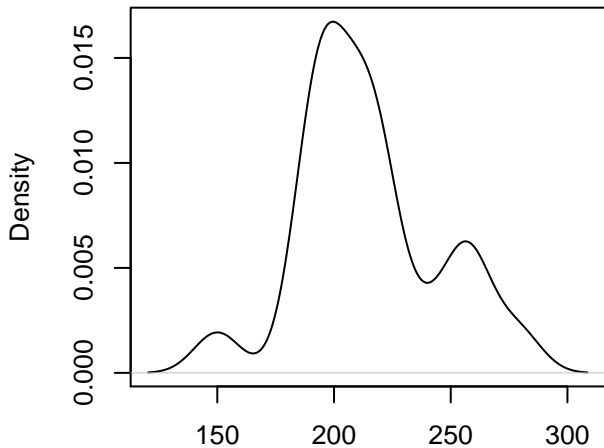
**Bp = 924 line = MAGIC.183 , Chr = 3**



**Bp = 925 line = MAGIC.183 , Chr = 3**

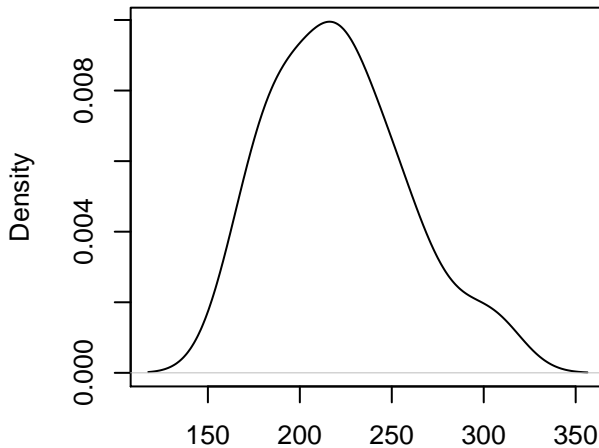


**Bp = 926 line = MAGIC.183 , Chr = 3**



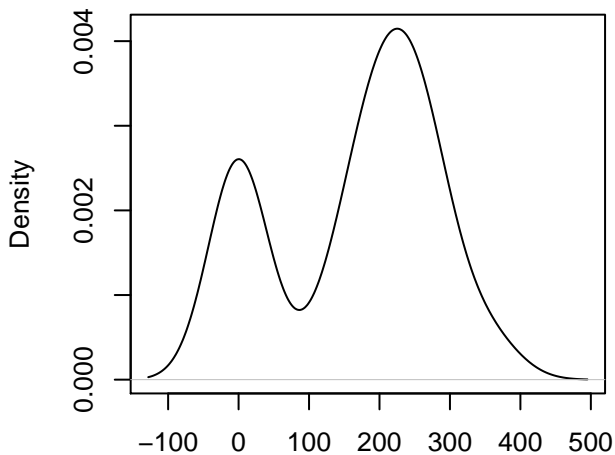
Insert size, N =21  
breakpoint: 11533918 – 11534020 ct-1 bur-0

**Bp = 927 line = MAGIC.183 , Chr = 3**



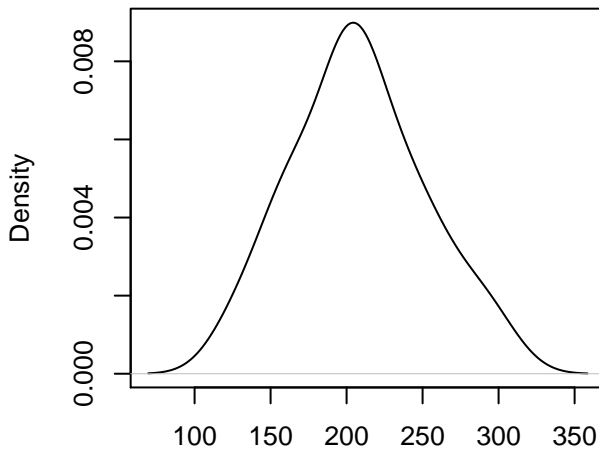
Insert size, N =33  
breakpoint: 11603015 – 11603050 bur-0 oy-0

**Bp = 928 line = MAGIC.183 , Chr = 3**



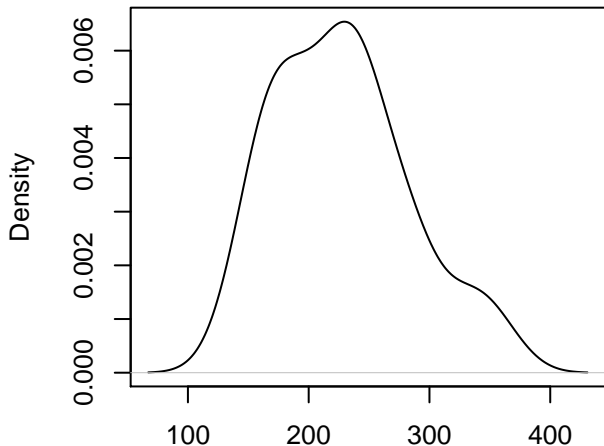
Insert size, N =79  
breakpoint: 11669983 – 11670059 oy-0 wil-2

**Bp = 929 line = MAGIC.183 , Chr = 3**



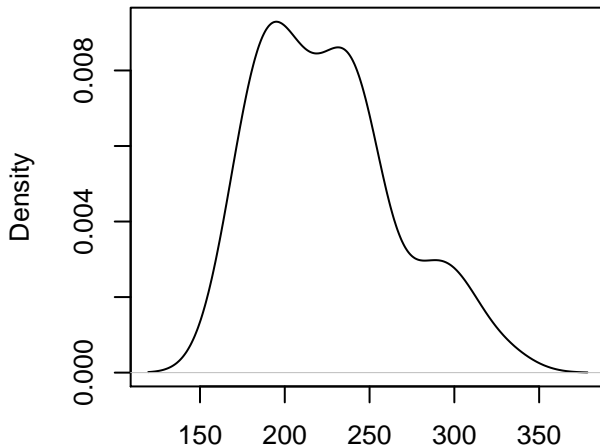
Insert size, N =34  
breakpoint: 11719600 – 11719609 wil-2 wu-0

**Bp = 930 line = MAGIC.183 , Chr = 3**



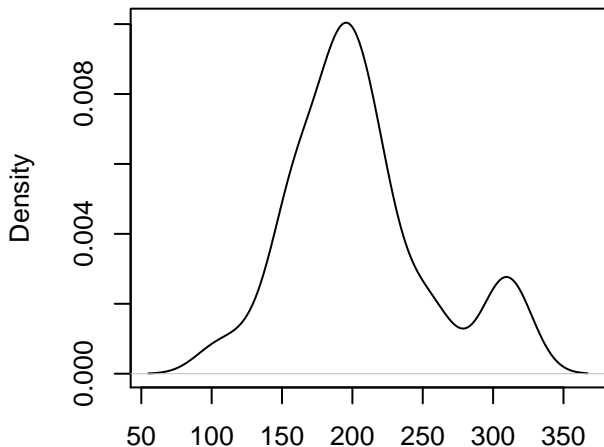
Insert size, N =42  
breakpoint: 11744818 – 11744833 wu-0 ler-0

**Bp = 931 line = MAGIC.183 , Chr = 3**



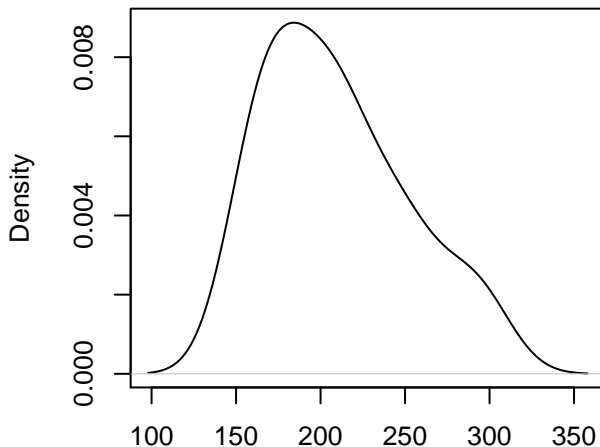
Insert size, N =56  
breakpoint: 11760270 – 11760323 ler-0 col-0

**Bp = 932 line = MAGIC.183 , Chr = 3**



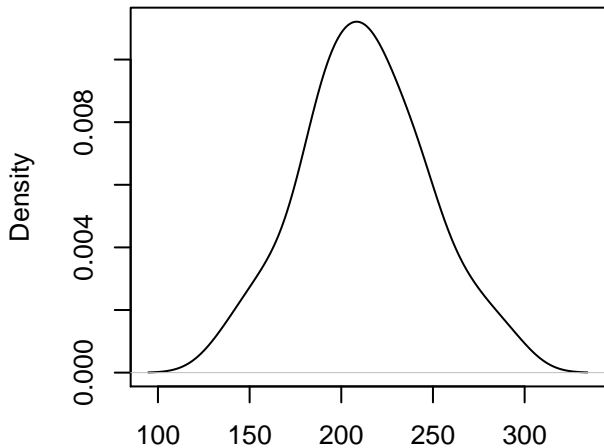
Insert size, N =33  
breakpoint: 11789317 – 11789397 col-0 zu-0

**Bp = 933 line = MAGIC.183 , Chr = 3**



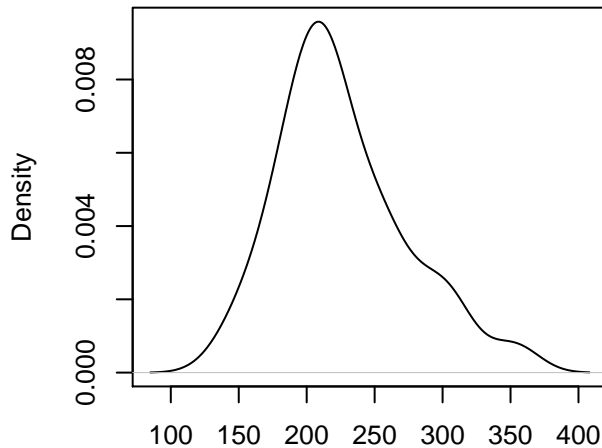
Insert size, N =32  
breakpoint: 11805483 – 11805484 zu-0 col-0

**Bp = 934 line = MAGIC.183 , Chr = 3**



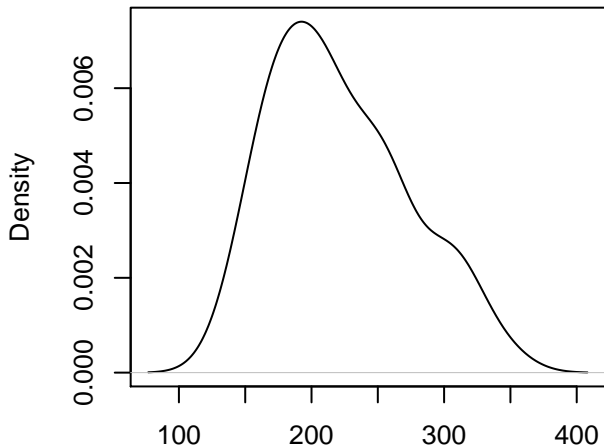
Insert size, N =57  
breakpoint: 11815523 – 11815528 col-0 mt-0

**Bp = 935 line = MAGIC.183 , Chr = 3**



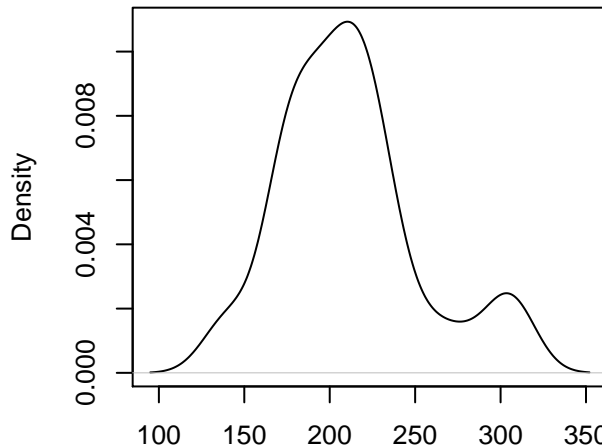
Insert size, N =58  
breakpoint: 11833330 – 11833348 mt-0 sf-2

**Bp = 936 line = MAGIC.183 , Chr = 3**



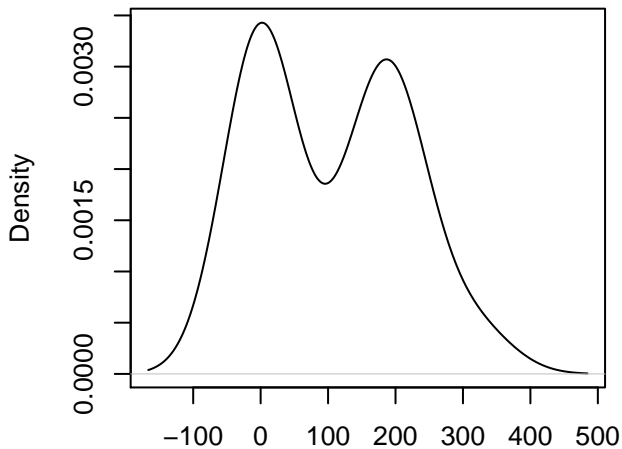
Insert size, N =47  
breakpoint: 11840524 – 11840532 sf-2 col-0

**Bp = 937 line = MAGIC.183 , Chr = 3**



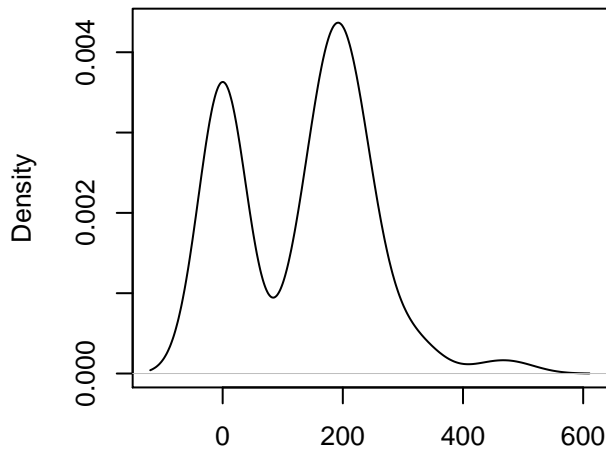
Insert size, N =34  
breakpoint: 11917915 – 11917916 col-0 wu-0

**Bp = 938 line = MAGIC.183 , Chr = 3**



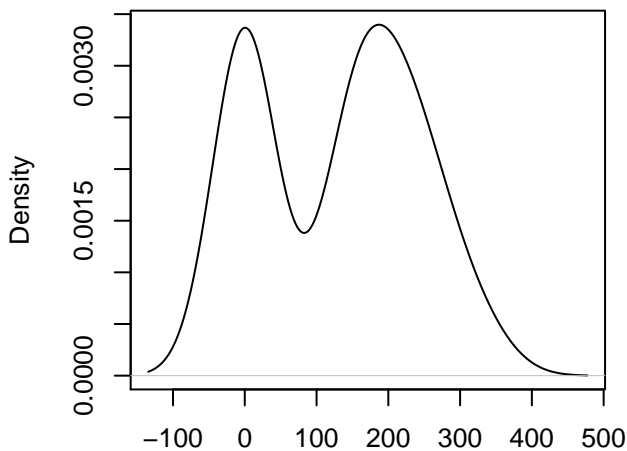
Insert size, N =17  
breakpoint: 12970998 – 12971001 wu-0 ws-0

**Bp = 939 line = MAGIC.183 , Chr = 3**



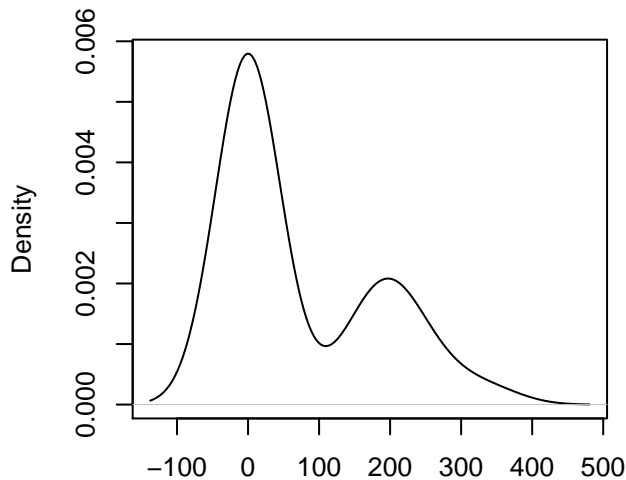
Insert size, N =104  
breakpoint: 12982205 – 12982212 ws-0 wu-0

**Bp = 940 line = MAGIC.183 , Chr = 3**



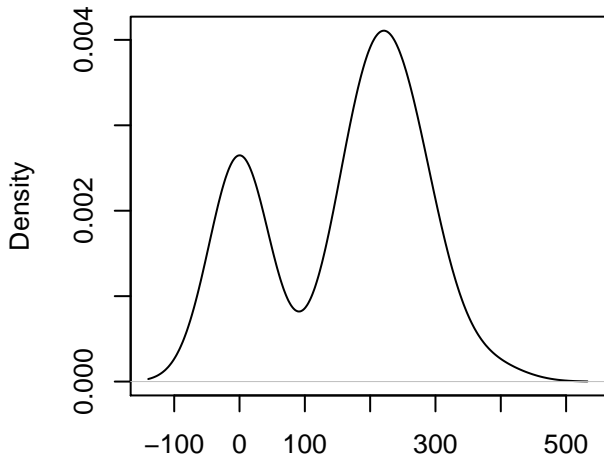
Insert size, N =53  
breakpoint: 13101903 – 13101908 wu-0 sf-2

**Bp = 941 line = MAGIC.183 , Chr = 3**



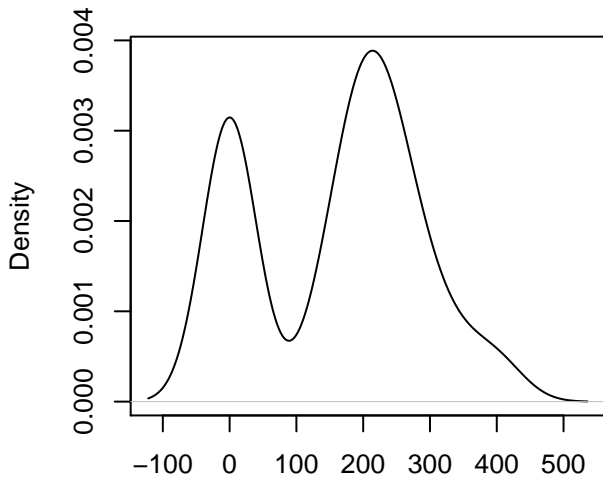
Insert size, N =39  
breakpoint: 13114376 – 13114402 sf-2 wu-0

**Bp = 942 line = MAGIC.183 , Chr = 3**



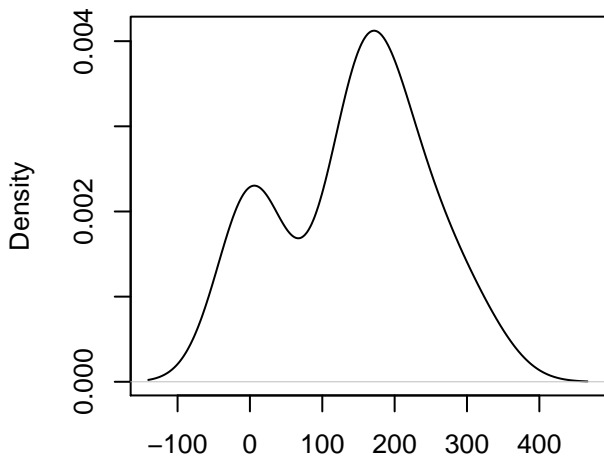
Insert size, N =55  
breakpoint: 13533912 – 13533916 wu-0 tsu-0

**Bp = 943 line = MAGIC.183 , Chr = 3**



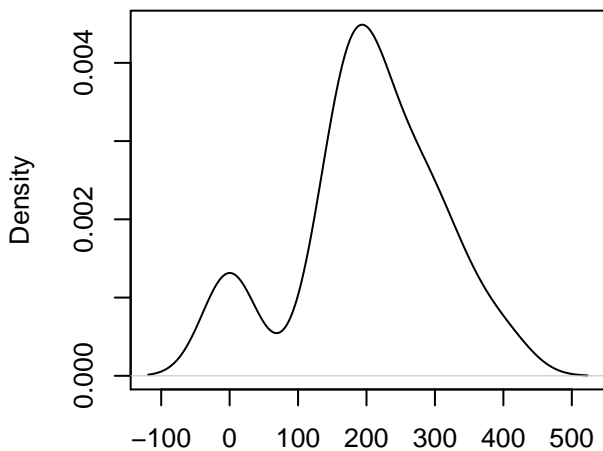
Insert size, N =153  
breakpoint: 13649140 – 13649144 tsu-0 bur-0

**Bp = 944 line = MAGIC.183 , Chr = 3**



Insert size, N =26  
breakpoint: 13672442 – 13672567 bur-0 oy-0

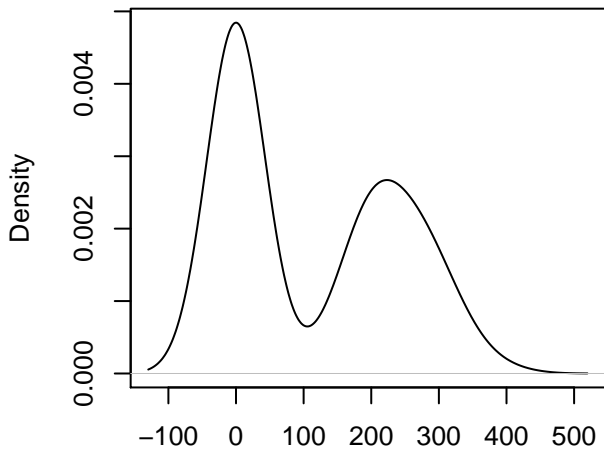
**Bp = 945 line = MAGIC.183 , Chr = 3**



Insert size, N =23  
breakpoint: 13965270 – 13965287 oy-0 wu-0

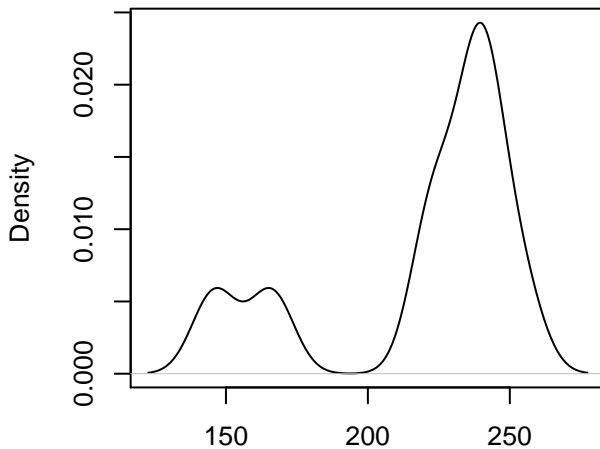


**Bp = 946 line = MAGIC.183 , Chr = 3**



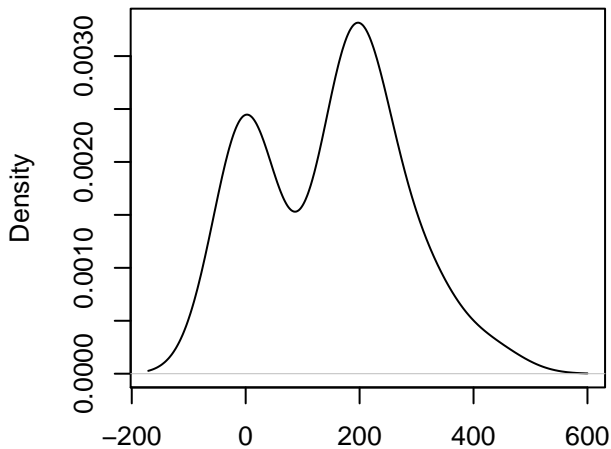
Insert size, N =118  
breakpoint: 13995571 – 13997273 wu-0 bur-0

**Bp = 947 line = MAGIC.183 , Chr = 3**



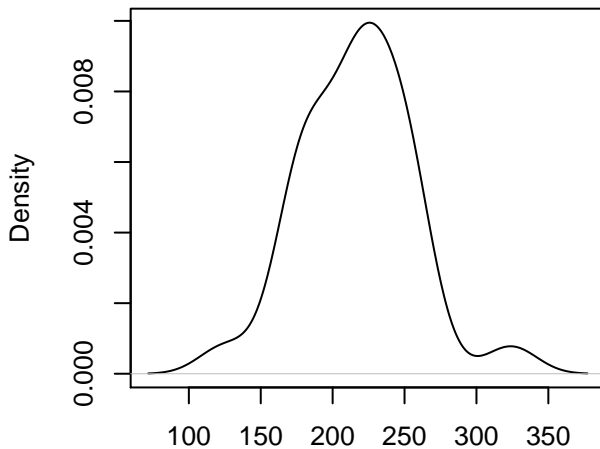
Insert size, N =9  
breakpoint: 14032312 – 14032336 bur-0 ler-0

**Bp = 948 line = MAGIC.183 , Chr = 3**



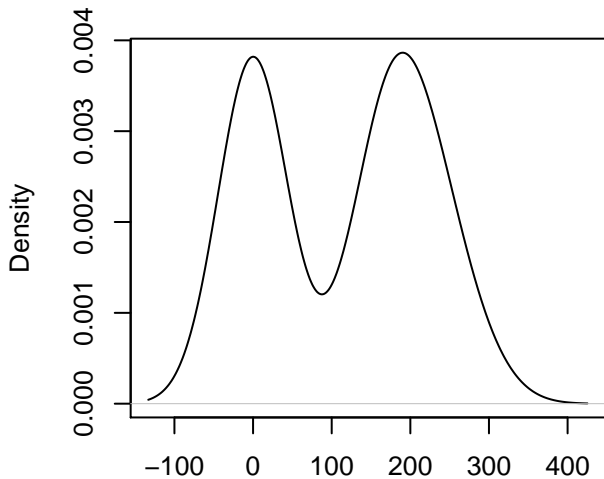
Insert size, N =29  
breakpoint: 14045584 – 14045593 ler-0 wu-0

**Bp = 949 line = MAGIC.183 , Chr = 3**

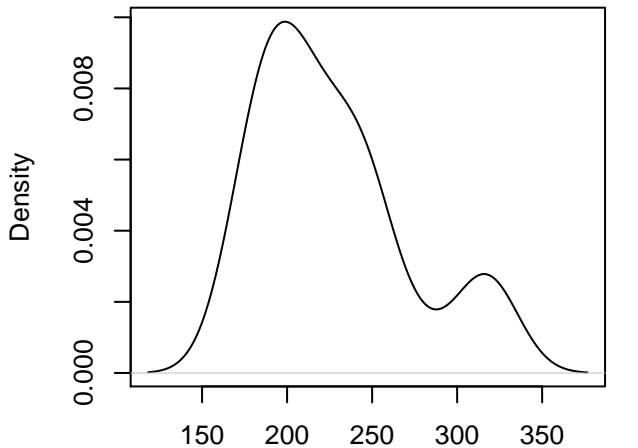


Insert size, N =29  
breakpoint: 14327695 – 14327704 wu-0 tsu-0

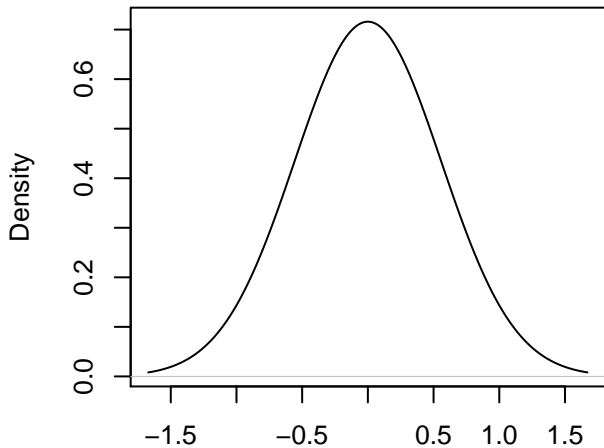
**Bp = 950 line = MAGIC.183 , Chr = 3**



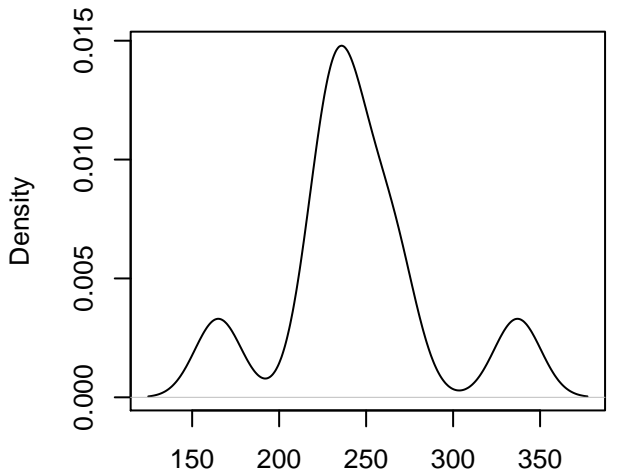
**Bp = 951 line = MAGIC.183 , Chr = 3**



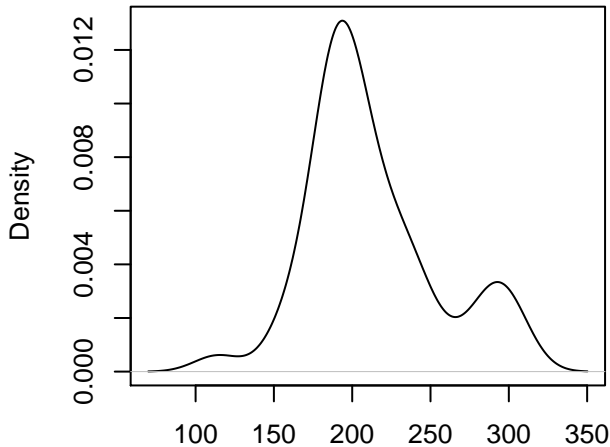
**Bp = 952 line = MAGIC.183 , Chr = 3**



**Bp = 953 line = MAGIC.183 , Chr = 3**

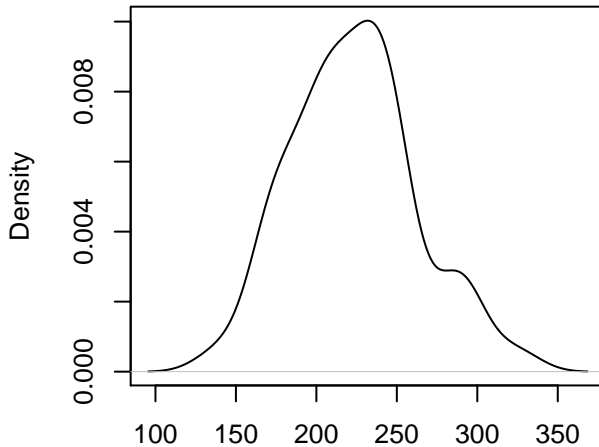


**Bp = 954 line = MAGIC.183 , Chr = 3**



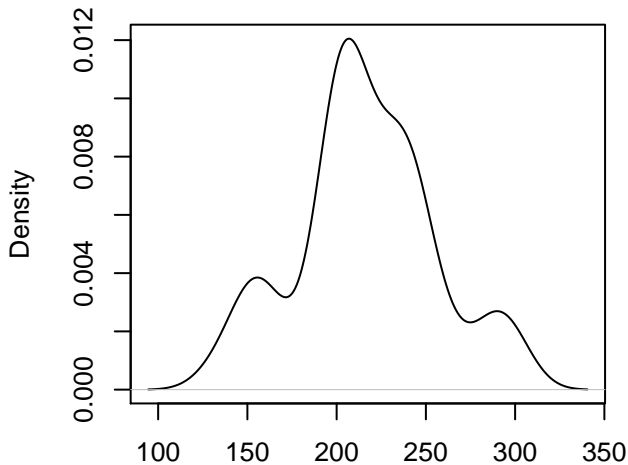
Insert size, N =45  
breakpoint: 14721932 – 14721938 zu-0 kn-0

**Bp = 955 line = MAGIC.183 , Chr = 3**



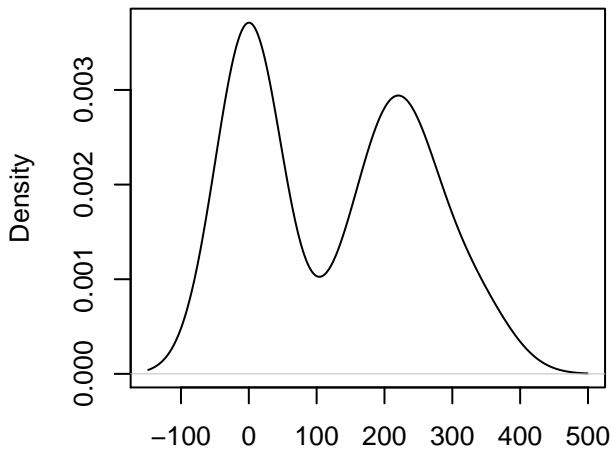
Insert size, N =49  
breakpoint: 14734577 – 14734627 kn-0 edi-0

**Bp = 956 line = MAGIC.183 , Chr = 3**



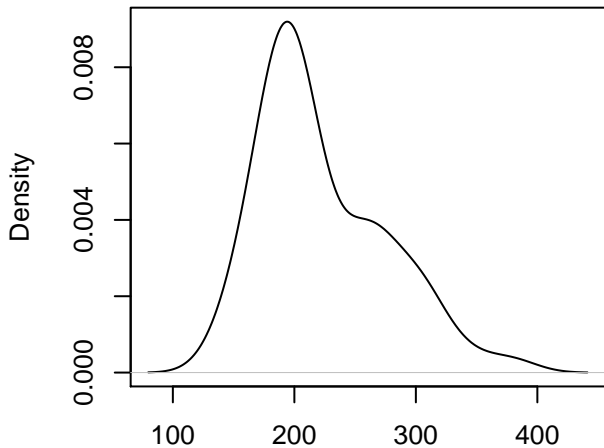
Insert size, N =51  
breakpoint: 14760701 – 14760702 edi-0 ct-1

**Bp = 957 line = MAGIC.183 , Chr = 3**



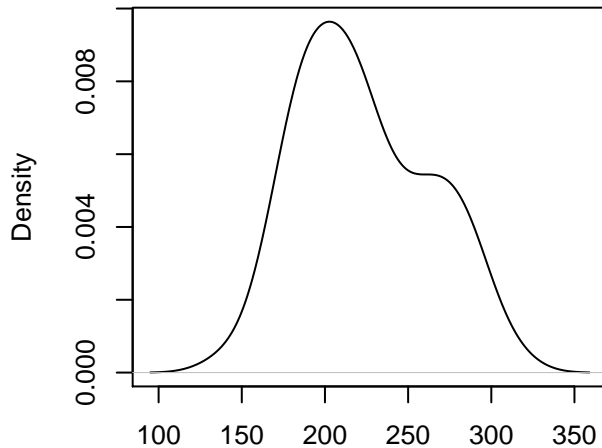
Insert size, N =61  
breakpoint: 14866326 – 14866327 ct-1 bur-0

**Bp = 958 line = MAGIC.183 , Chr = 3**



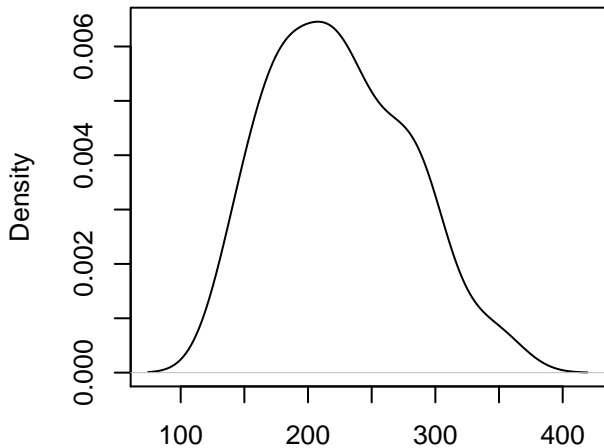
Insert size, N =59  
breakpoint: 14877971 – 14878030 bur-0 mt-0

**Bp = 959 line = MAGIC.183 , Chr = 3**



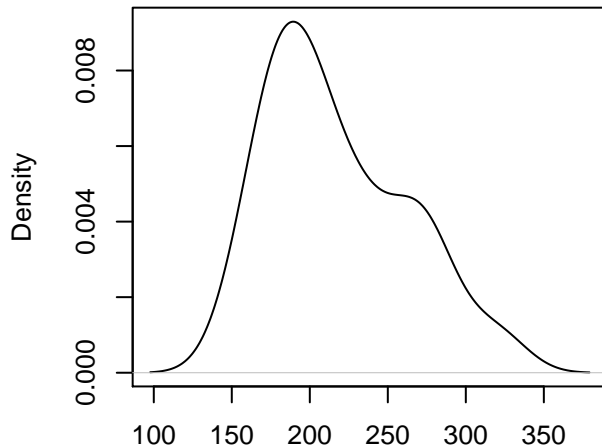
Insert size, N =67  
breakpoint: 14930433 – 14930450 mt-0 zu-0

**Bp = 960 line = MAGIC.183 , Chr = 3**



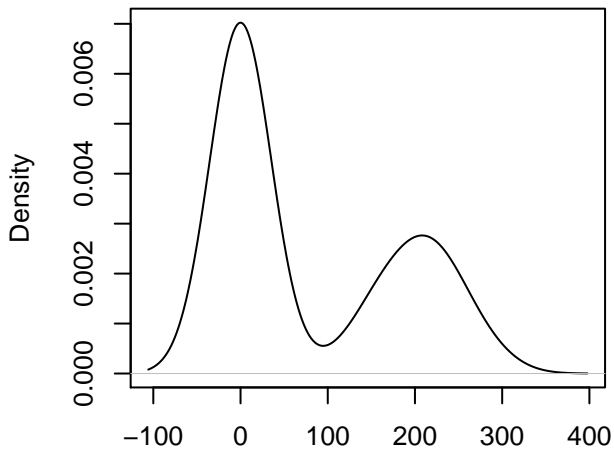
Insert size, N =68  
breakpoint: 14947124 – 14947258 zu-0 ler-0

**Bp = 961 line = MAGIC.183 , Chr = 3**



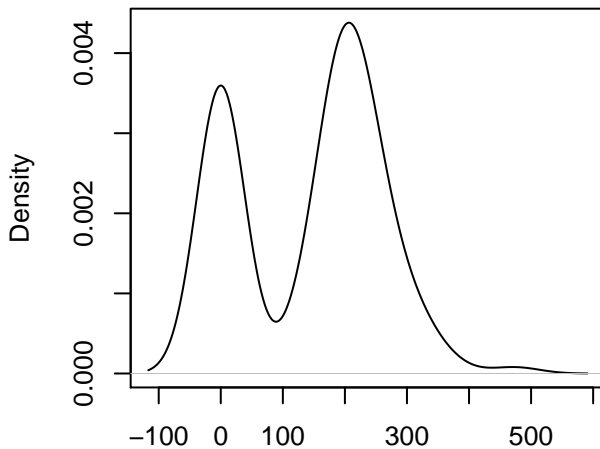
Insert size, N =50  
breakpoint: 14953581 – 14953587 ler-0 ct-1

**Bp = 962 line = MAGIC.183 , Chr = 3**



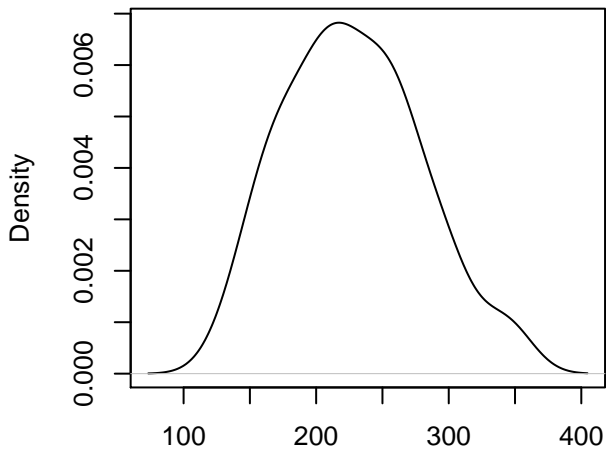
Insert size, N =124  
breakpoint: 14988113 – 14988114 ct-1 mt-0

**Bp = 963 line = MAGIC.183 , Chr = 3**



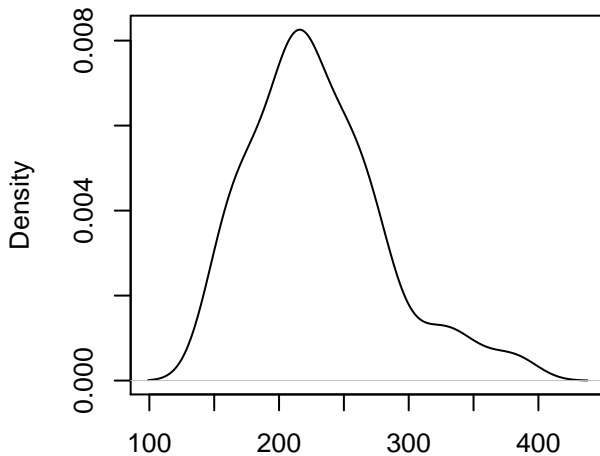
Insert size, N =131  
breakpoint: 15169998 – 15170034 mt-0 hi-0

**Bp = 964 line = MAGIC.183 , Chr = 3**



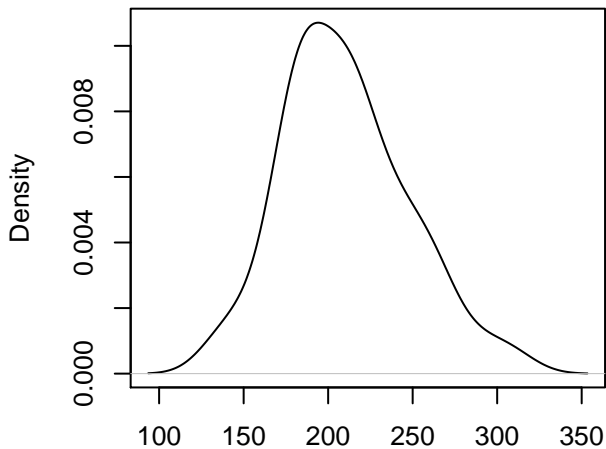
Insert size, N =81  
breakpoint: 15186348 – 15186396 hi-0 rsch-4

**Bp = 965 line = MAGIC.183 , Chr = 3**



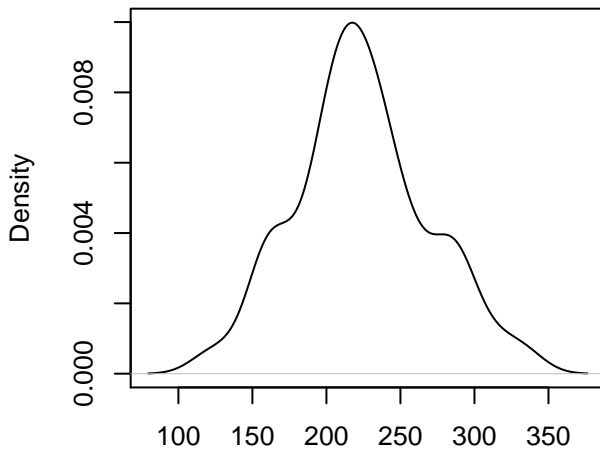
Insert size, N =77  
breakpoint: 15205914 – 15205995 rsch-4 po-0

**Bp = 966 line = MAGIC.183 , Chr = 3**



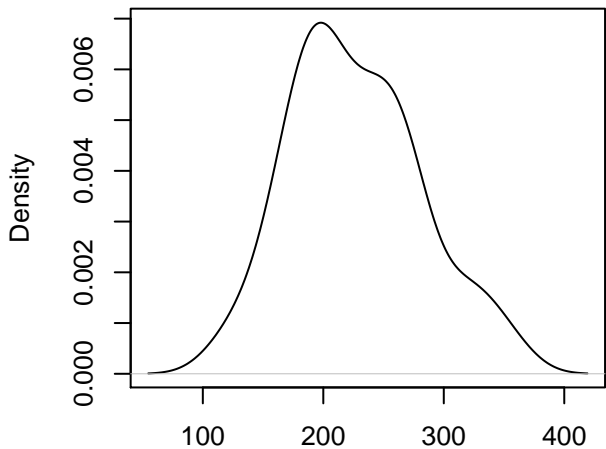
Insert size, N =46  
breakpoint: 15228464 – 15228479 po-0 edi-0

**Bp = 967 line = MAGIC.183 , Chr = 3**



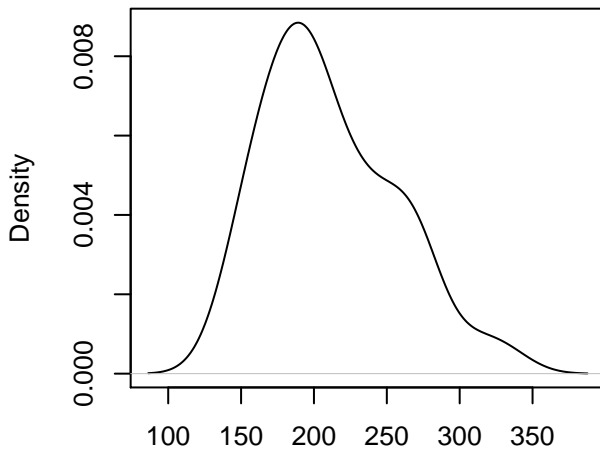
Insert size, N =42  
breakpoint: 15367565 – 15367644 edi-0 oy-0

**Bp = 968 line = MAGIC.183 , Chr = 3**



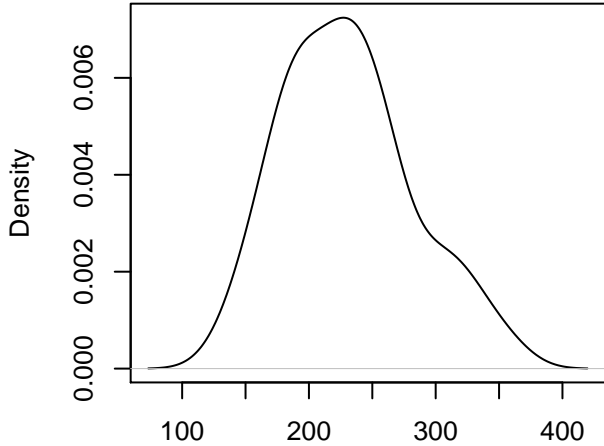
Insert size, N =28  
breakpoint: 15370752 – 15370784 oy-0 ws-0

**Bp = 969 line = MAGIC.183 , Chr = 3**



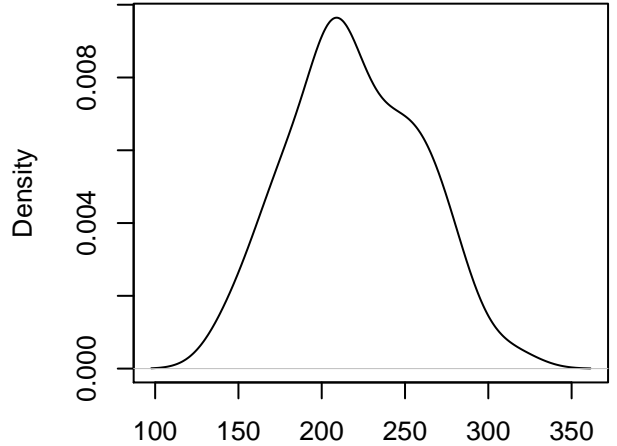
Insert size, N =42  
breakpoint: 15430710 – 15430713 ws-0 sf-2

**Bp = 970 line = MAGIC.183 , Chr = 3**



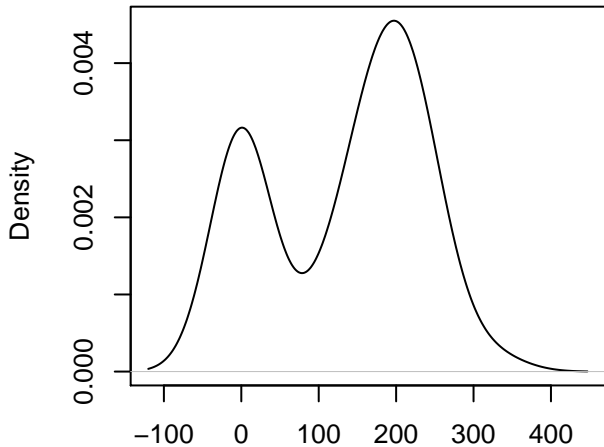
Insert size, N =68  
breakpoint: 15523688 – 15523740 sf-2 no-0

**Bp = 971 line = MAGIC.183 , Chr = 3**



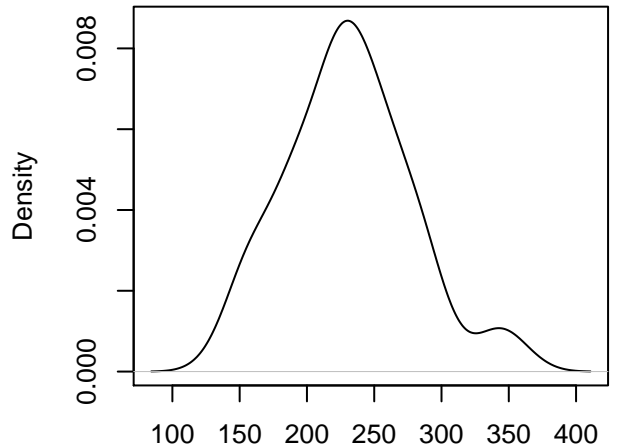
Insert size, N =65  
breakpoint: 15569322 – 15569325 no-0 col-0

**Bp = 972 line = MAGIC.183 , Chr = 3**



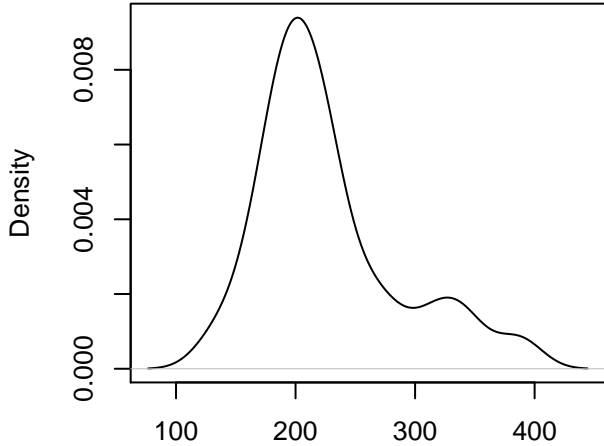
Insert size, N =54  
breakpoint: 15604066 – 15604068 col-0 no-0

**Bp = 973 line = MAGIC.183 , Chr = 3**



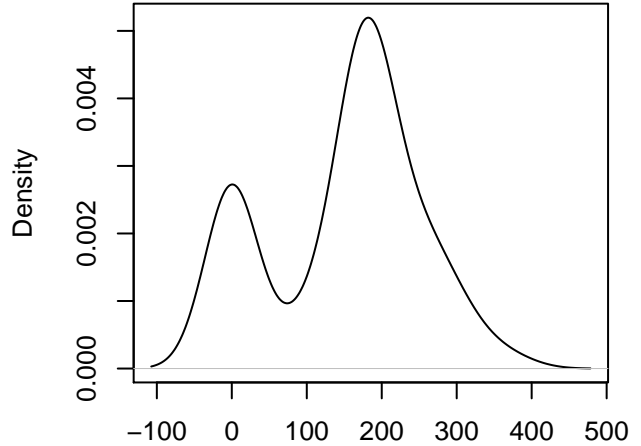
Insert size, N =80  
breakpoint: 15646992 – 15647044 no-0 ct-1

**Bp = 974 line = MAGIC.183 , Chr = 3**



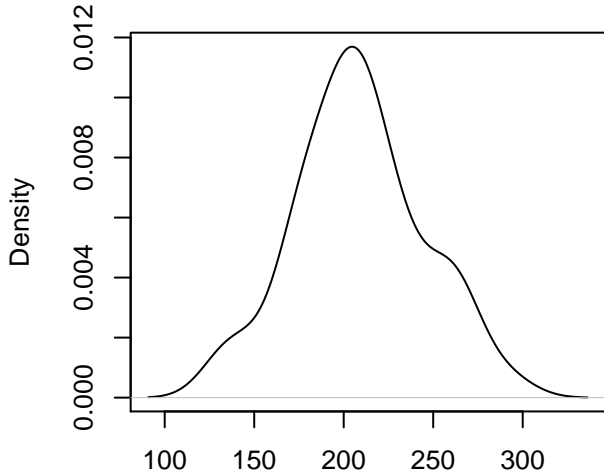
Insert size, N =26  
breakpoint: 15681275 – 15681304 ct-1 hi-0

**Bp = 975 line = MAGIC.183 , Chr = 3**



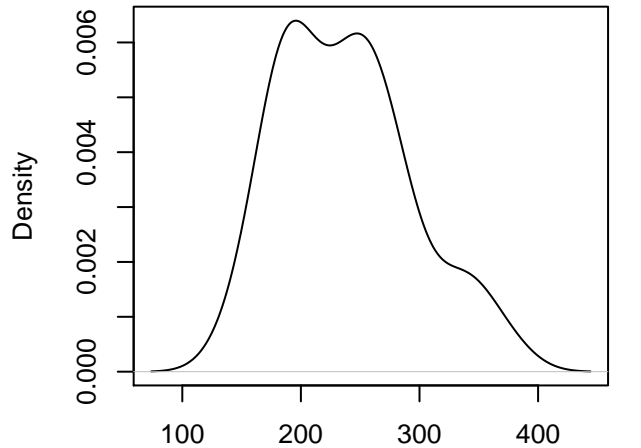
Insert size, N =70  
breakpoint: 15702213 – 15702220 hi-0 zu-0

**Bp = 976 line = MAGIC.183 , Chr = 3**



Insert size, N =44  
breakpoint: 15708332 – 15708336 zu-0 ct-1

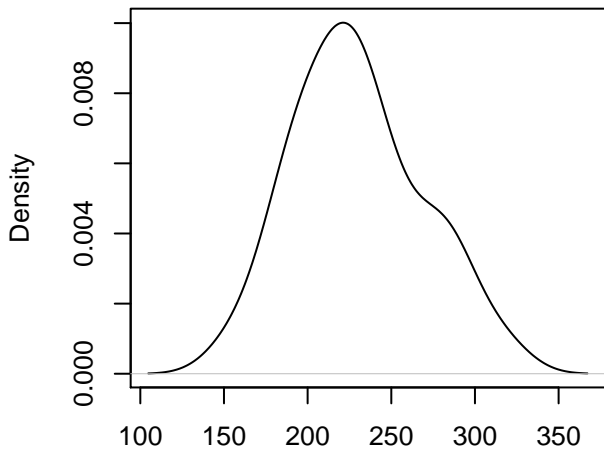
**Bp = 977 line = MAGIC.183 , Chr = 3**



Insert size, N =44  
breakpoint: 15729817 – 15729855 ct-1 tsu-0

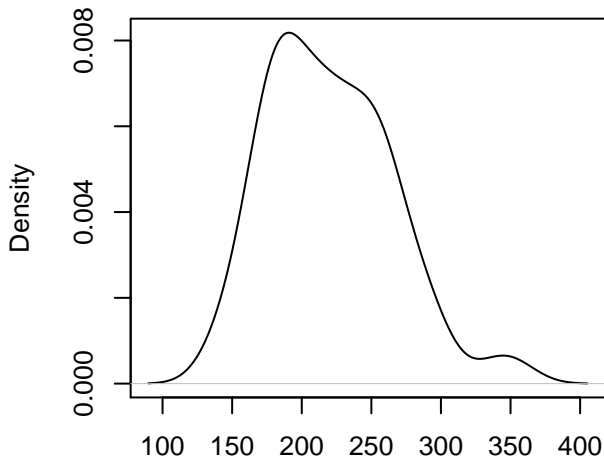


**Bp = 978 line = MAGIC.183 , Chr = 3**



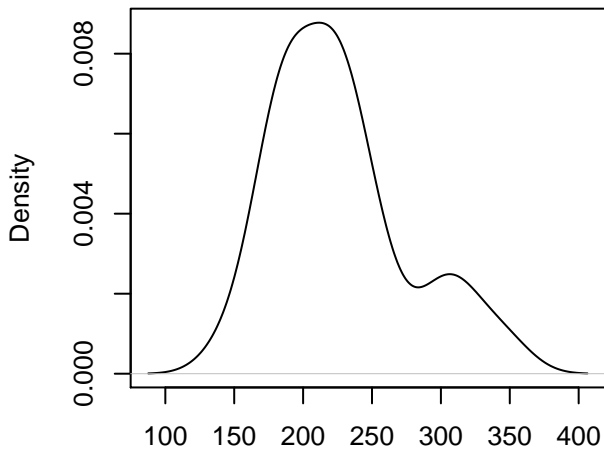
Insert size, N =30  
breakpoint: 15953652 – 15953654 tsu-0 ct-1

**Bp = 979 line = MAGIC.183 , Chr = 3**



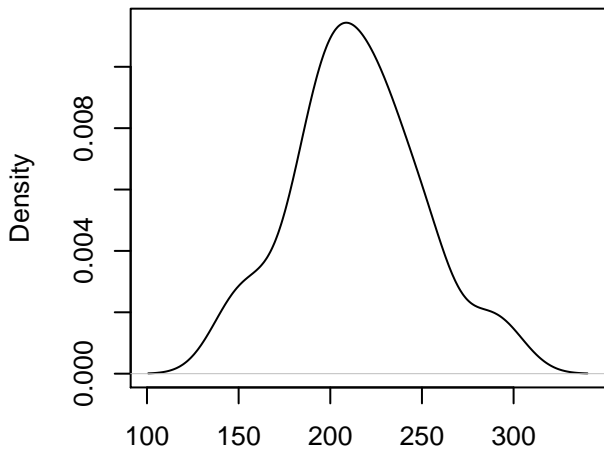
Insert size, N =66  
breakpoint: 15973321 – 15973339 ct-1 can-0

**Bp = 980 line = MAGIC.183 , Chr = 3**



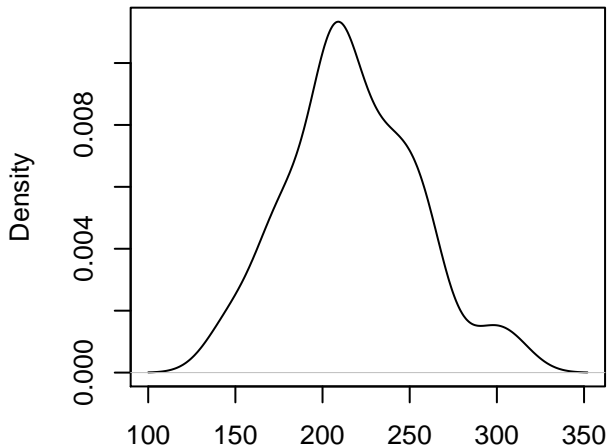
Insert size, N =35  
breakpoint: 15993086 – 15993090 can-0 wil-2

**Bp = 981 line = MAGIC.183 , Chr = 3**



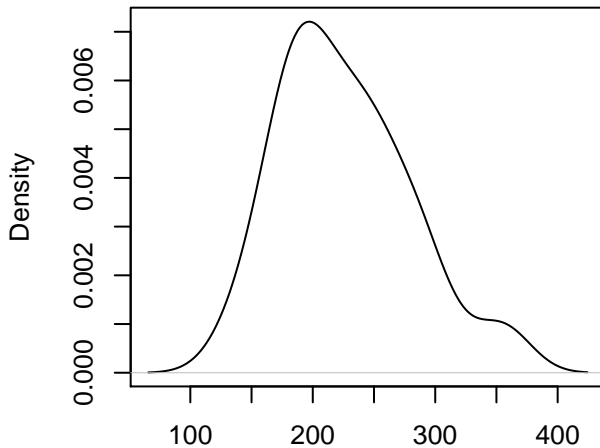
Insert size, N =43  
breakpoint: 16004208 – 16004224 wil-2 mt-0

**Bp = 982 line = MAGIC.183 , Chr = 3**



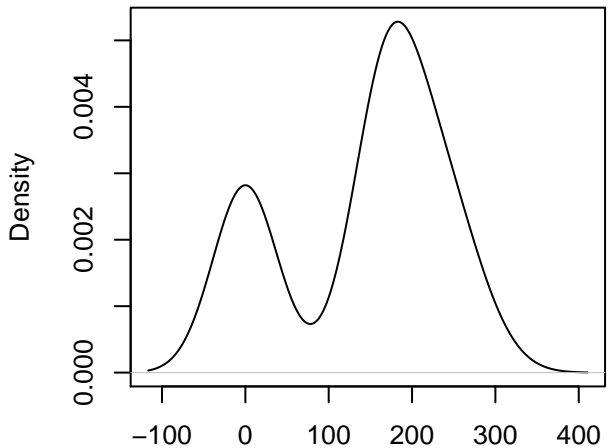
Insert size, N =67  
breakpoint: 16081635 – 16081655 mt-0 hi-0

**Bp = 983 line = MAGIC.183 , Chr = 3**



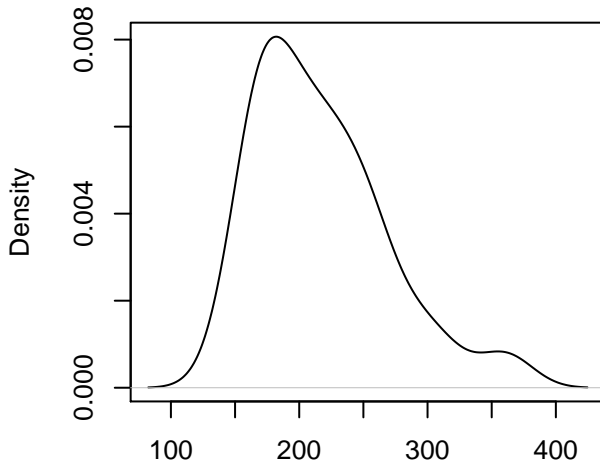
Insert size, N =36  
breakpoint: 16149606 – 16149608 hi-0 no-0

**Bp = 984 line = MAGIC.183 , Chr = 3**



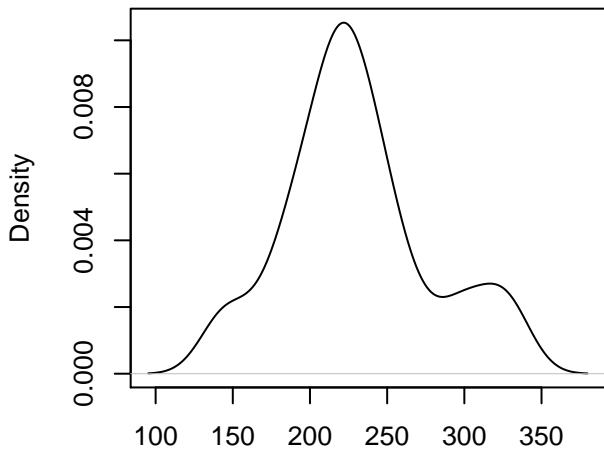
Insert size, N =51  
breakpoint: 16154403 – 16154405 no-0 edi-0

**Bp = 985 line = MAGIC.183 , Chr = 3**



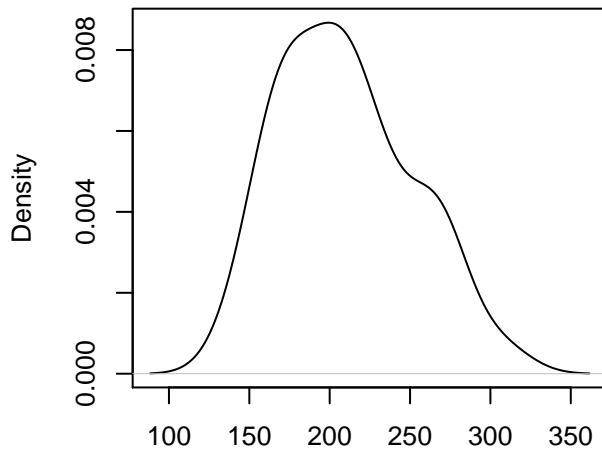
Insert size, N =49  
breakpoint: 16183503 – 16183504 edi-0 wu-0

**Bp = 986 line = MAGIC.183 , Chr = 3**



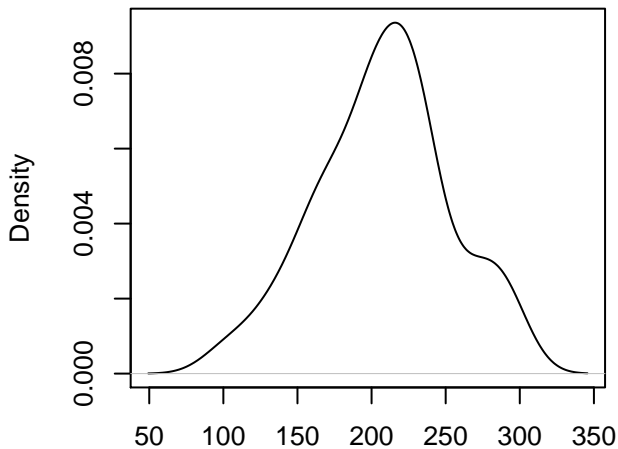
Insert size, N =57  
breakpoint: 16188569 – 16188587 wu-0 edi-0

**Bp = 987 line = MAGIC.183 , Chr = 3**



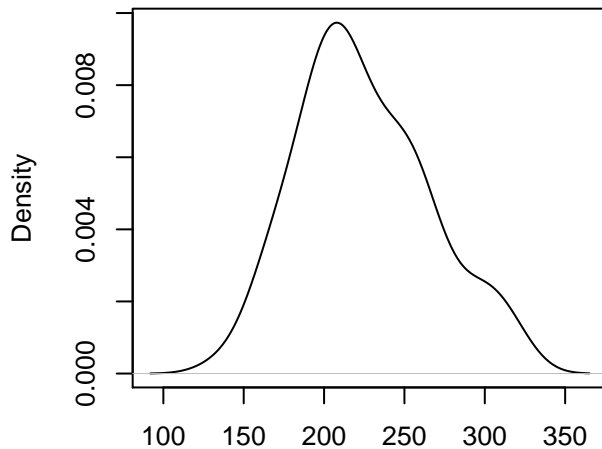
Insert size, N =34  
breakpoint: 16190674 – 16190700 edi-0 ws-0

**Bp = 988 line = MAGIC.183 , Chr = 3**



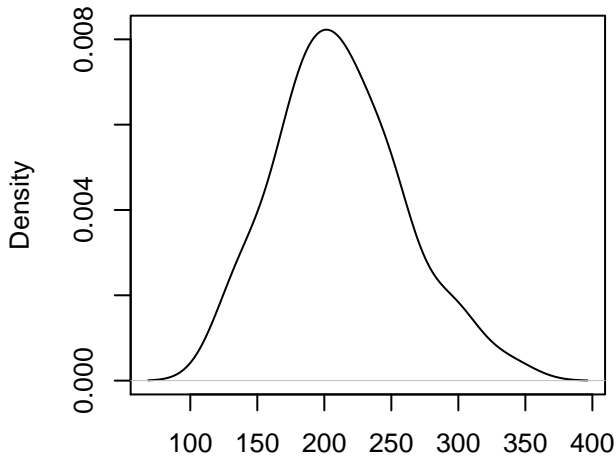
Insert size, N =64  
breakpoint: 16221914 – 16222054 ws-0 edi-0

**Bp = 989 line = MAGIC.183 , Chr = 3**



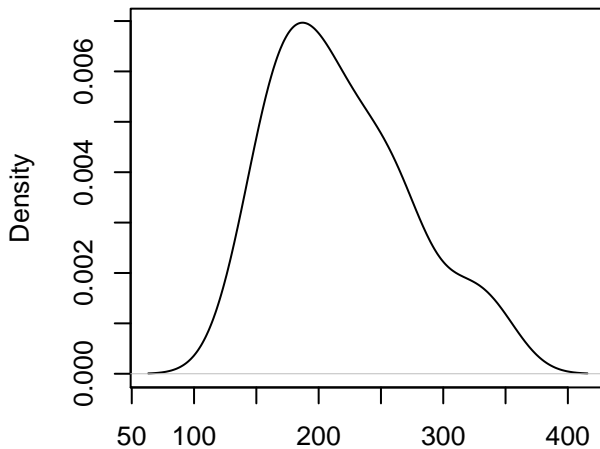
Insert size, N =87  
breakpoint: 16272811 – 16272820 edi-0 zu-0

**Bp = 990 line = MAGIC.183 , Chr = 3**



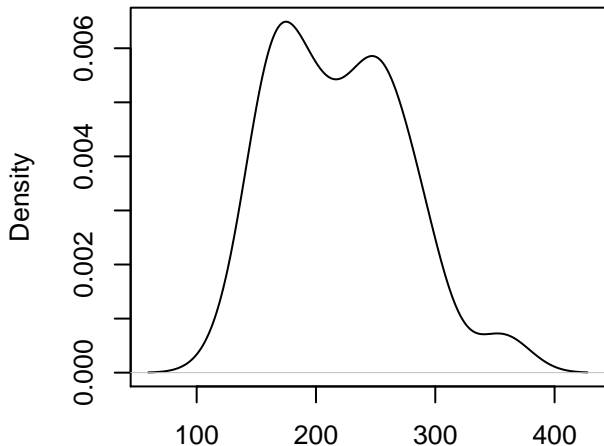
Insert size, N =52  
breakpoint: 16282548 – 16282592 zu-0 bur-0

**Bp = 991 line = MAGIC.183 , Chr = 3**



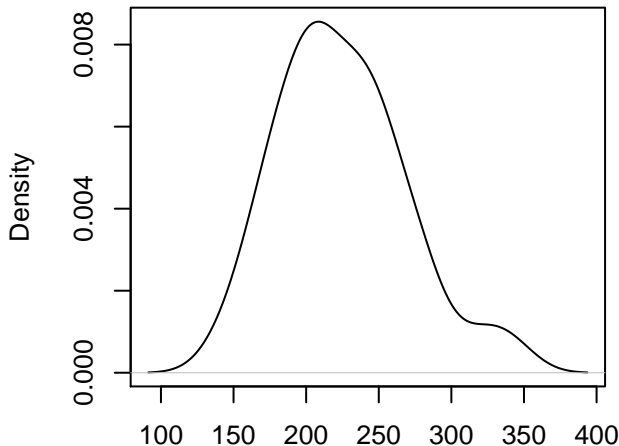
Insert size, N =45  
breakpoint: 16284840 – 16284904 bur-0 rsch-4

**Bp = 992 line = MAGIC.183 , Chr = 3**



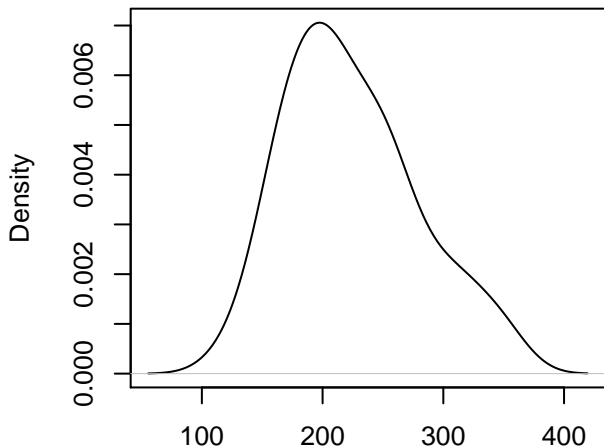
Insert size, N =51  
breakpoint: 16317692 – 16317717 rsch-4 sf-2

**Bp = 993 line = MAGIC.183 , Chr = 3**



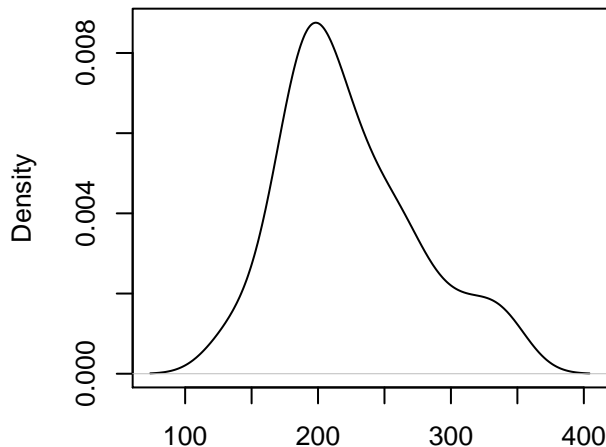
Insert size, N =34  
breakpoint: 16321091 – 16321140 sf-2 wil-2

**Bp = 994 line = MAGIC.183 , Chr = 3**



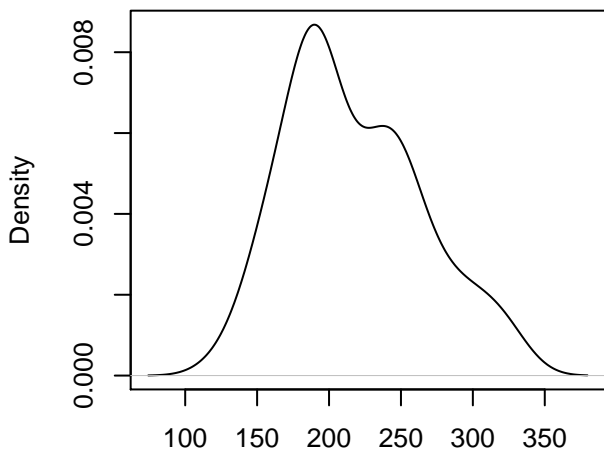
Insert size, N =54  
breakpoint: 16372774 – 16372805 wil-2 kn-0

**Bp = 995 line = MAGIC.183 , Chr = 3**



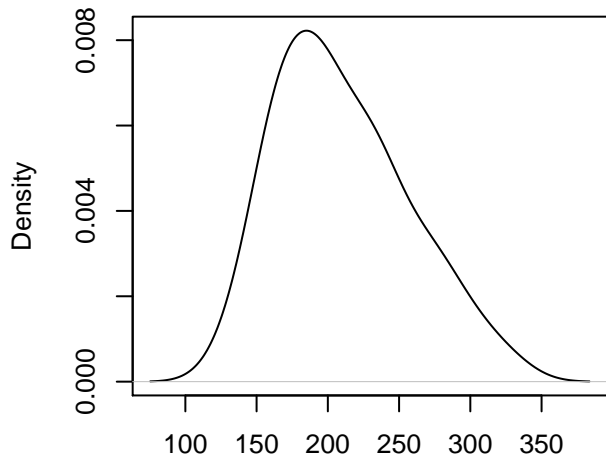
Insert size, N =43  
breakpoint: 16379785 – 16379841 kn-0 wu-0

**Bp = 996 line = MAGIC.183 , Chr = 3**



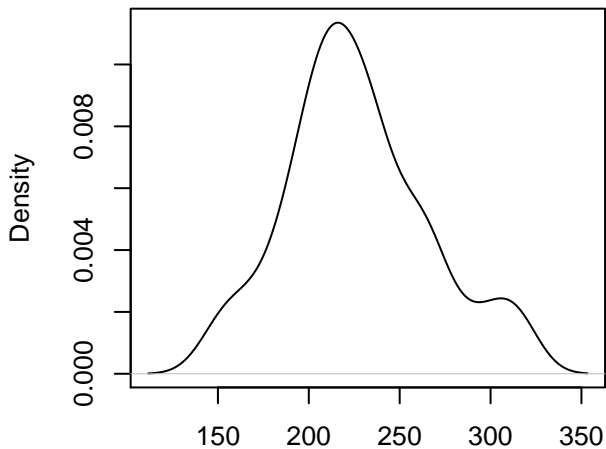
Insert size, N =69  
breakpoint: 16389876 – 16390109 wu-0 bur-0

**Bp = 997 line = MAGIC.183 , Chr = 3**



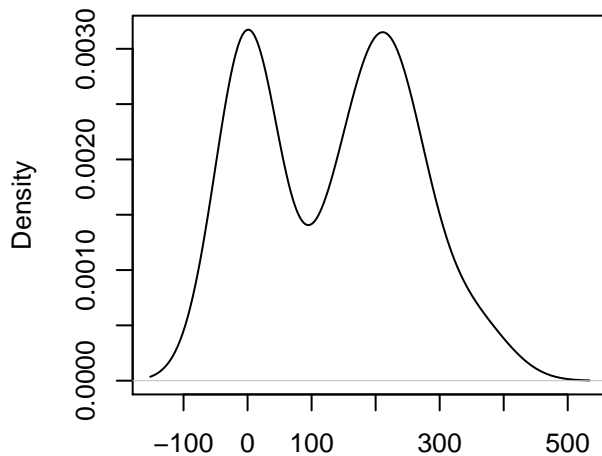
Insert size, N =47  
breakpoint: 16424016 – 16424021 bur-0 wu-0

**Bp = 998 line = MAGIC.183 , Chr = 3**



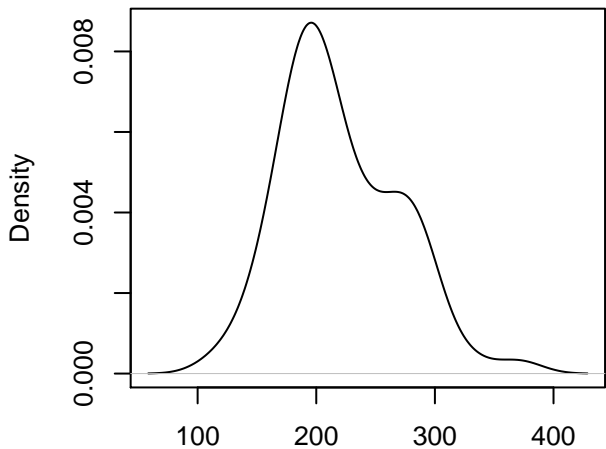
Insert size, N =59  
breakpoint: 16428500 – 16428534 wu-0 ws-0

**Bp = 999 line = MAGIC.183 , Chr = 3**



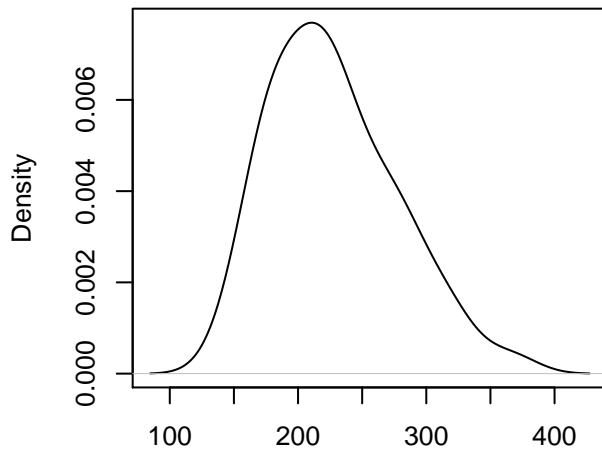
Insert size, N =45  
breakpoint: 16431430 – 16431432 ws-0 bur-0

**Bp = 1000 line = MAGIC.183 , Chr = 3**



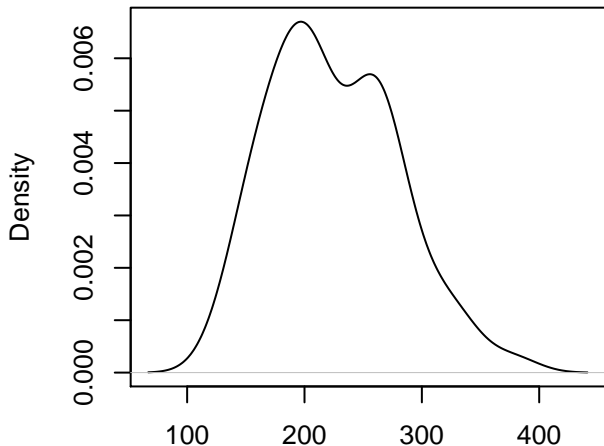
Insert size, N =67  
breakpoint: 16444086 – 16444087 bur-0 tsu-0

**Bp = 1001 line = MAGIC.183 , Chr = 3**



Insert size, N =49  
breakpoint: 16448978 – 16449163 tsu-0 col-0

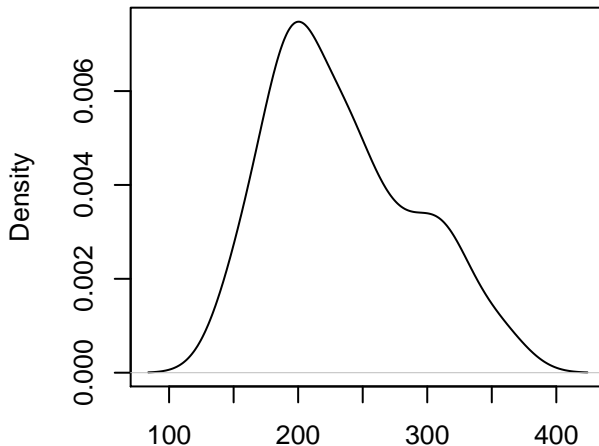
**Bp = 1002 line = MAGIC.183 , Chr = 3**



Insert size, N =67

breakpoint: 16467369 – 16467538 col-0 can-0

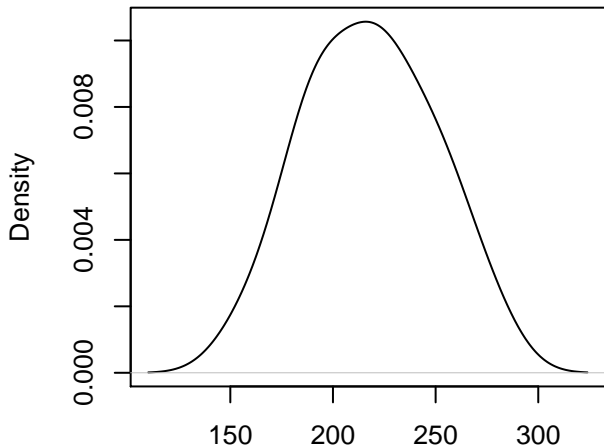
**Bp = 1003 line = MAGIC.183 , Chr = 3**



Insert size, N =79

breakpoint: 16478967 – 16478970 can-0 wil-2

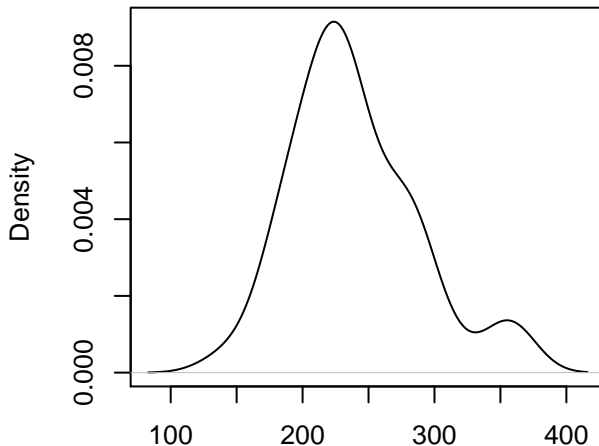
**Bp = 1004 line = MAGIC.183 , Chr = 3**



Insert size, N =28

breakpoint: 16483207 – 16483213 wil-2 wu-0

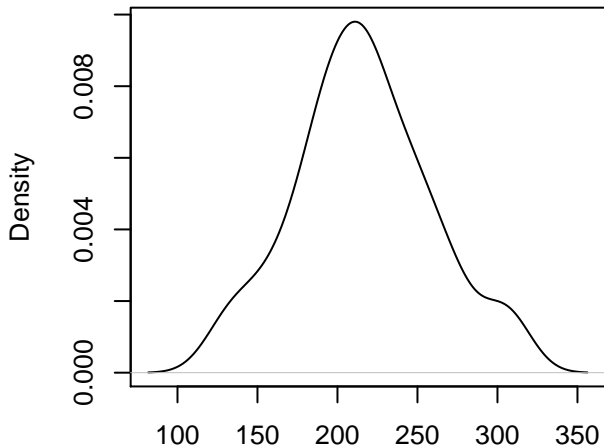
**Bp = 1005 line = MAGIC.183 , Chr = 3**



Insert size, N =46

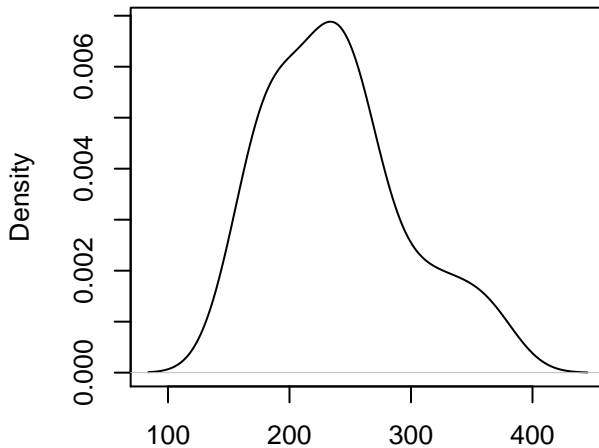
breakpoint: 16488158 – 16488182 wu-0 col-0

**Bp = 1006 line = MAGIC.183 , Chr = 3**



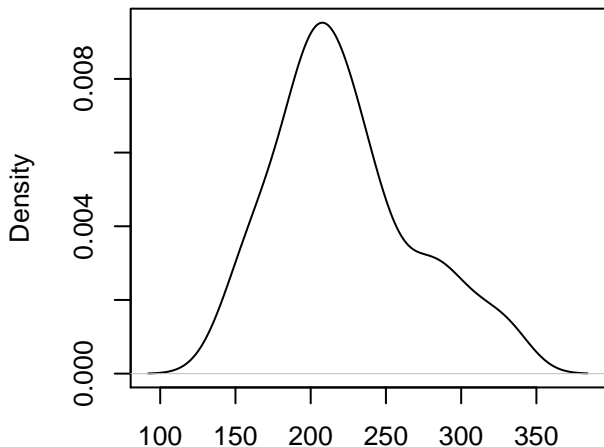
Insert size, N =61  
breakpoint: 16507433 – 16507559 col-0 zu-0

**Bp = 1007 line = MAGIC.183 , Chr = 3**



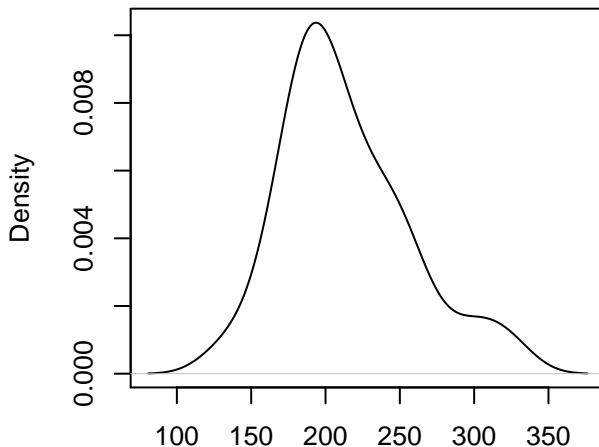
Insert size, N =55  
breakpoint: 16513329 – 16513336 zu-0 can-0

**Bp = 1008 line = MAGIC.183 , Chr = 3**



Insert size, N =65  
breakpoint: 16554863 – 16554866 can-0 bur-0

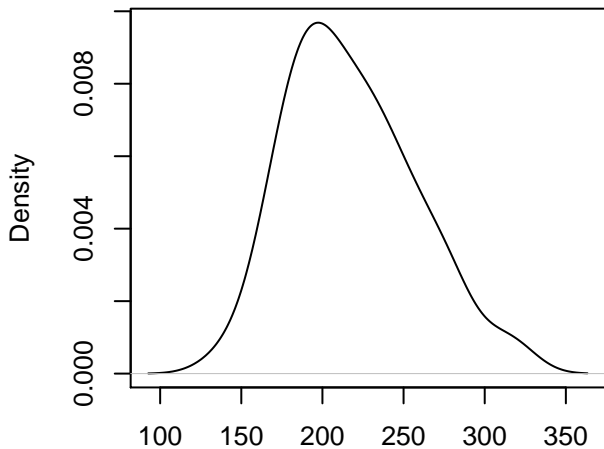
**Bp = 1009 line = MAGIC.183 , Chr = 3**



Insert size, N =34  
breakpoint: 16585190 – 16585196 bur-0 wil-2



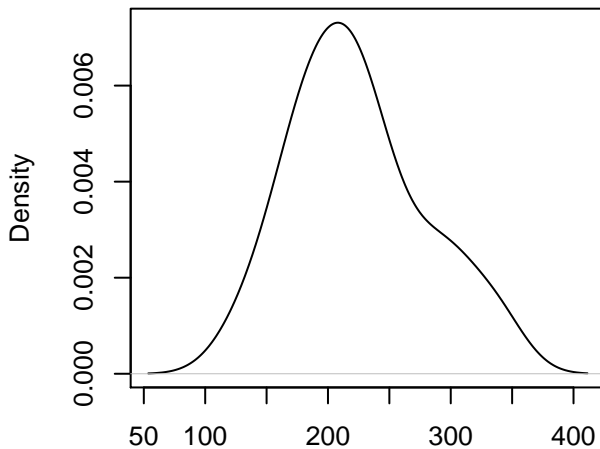
**Bp = 1010 line = MAGIC.183 , Chr = 3**



Insert size, N =56

breakpoint: 16598634 – 16598635 wil-2 bur-0

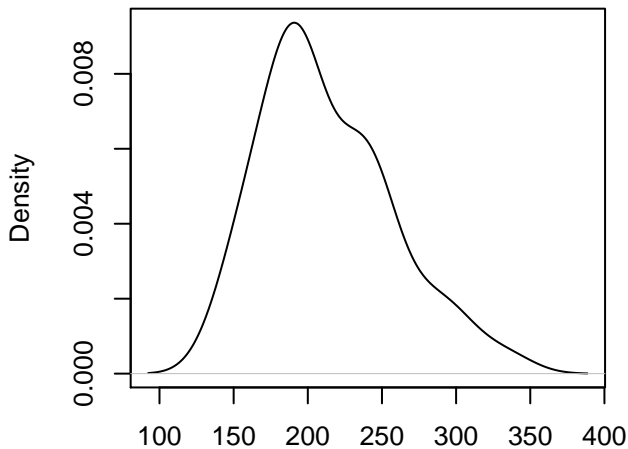
**Bp = 1011 line = MAGIC.183 , Chr = 3**



Insert size, N =28

breakpoint: 16614062 – 16614082 bur-0 zu-0

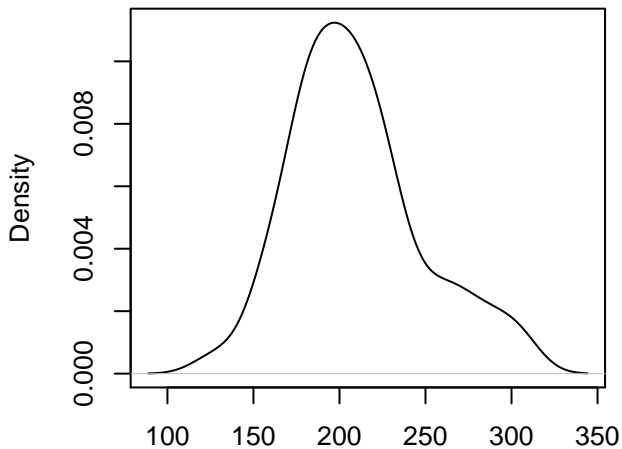
**Bp = 1012 line = MAGIC.183 , Chr = 3**



Insert size, N =45

breakpoint: 16619874 – 16619879 zu-0 edi-0

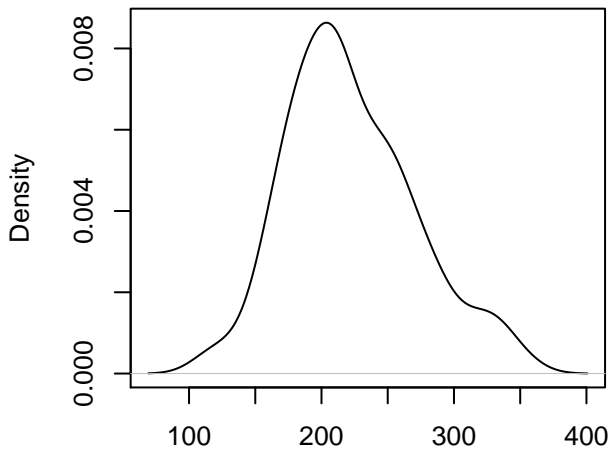
**Bp = 1013 line = MAGIC.183 , Chr = 3**



Insert size, N =53

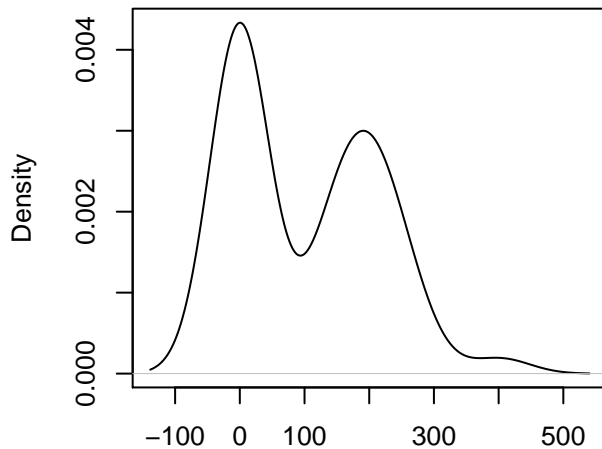
breakpoint: 16624938 – 16624948 edi-0 mt-0

**Bp = 1014 line = MAGIC.183 , Chr = 3**



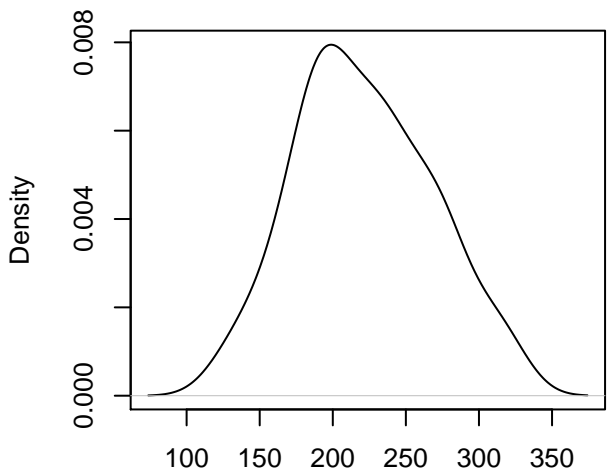
Insert size, N =83  
breakpoint: 16659128 – 16659136 mt-0 bur-0

**Bp = 1015 line = MAGIC.183 , Chr = 3**



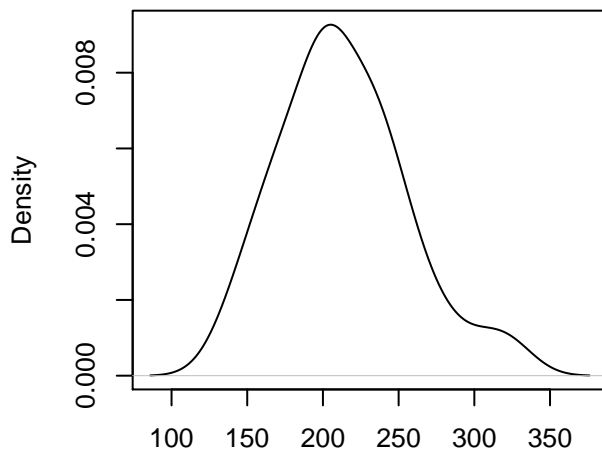
Insert size, N =46  
breakpoint: 16687482 – 16687507 bur-0 wil-2

**Bp = 1016 line = MAGIC.183 , Chr = 3**



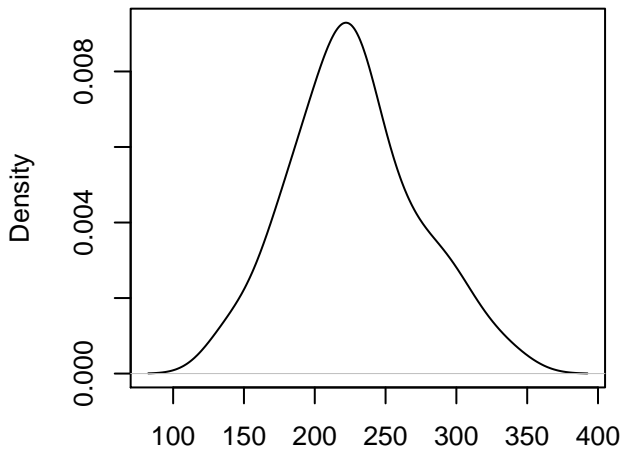
Insert size, N =59  
breakpoint: 16701742 – 16714230 wil-2 hi-0

**Bp = 1017 line = MAGIC.183 , Chr = 3**



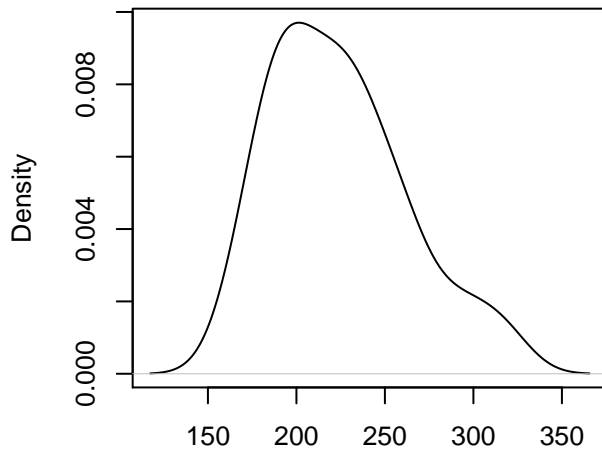
Insert size, N =40  
breakpoint: 16742871 – 16742880 hi-0 wil-2

**Bp = 1018 line = MAGIC.183 , Chr = 3**



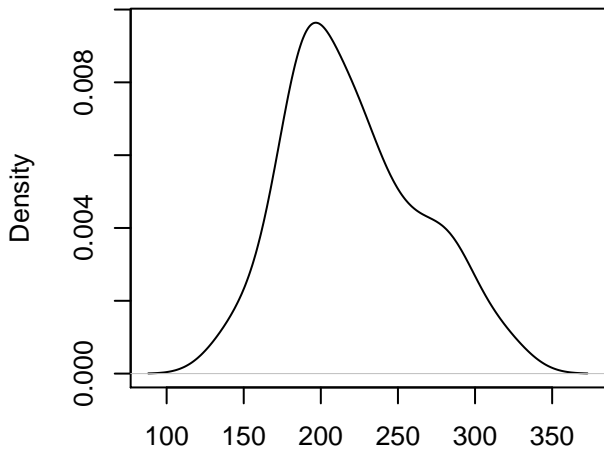
Insert size, N =65  
breakpoint: 16753435 – 16753522 wil-2 rsch-4

**Bp = 1019 line = MAGIC.183 , Chr = 3**



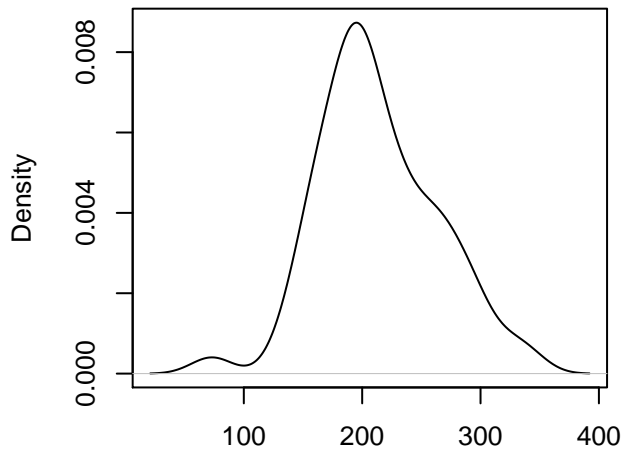
Insert size, N =47  
breakpoint: 16770189 – 16770195 rsch-4 oy-0

**Bp = 1020 line = MAGIC.183 , Chr = 3**



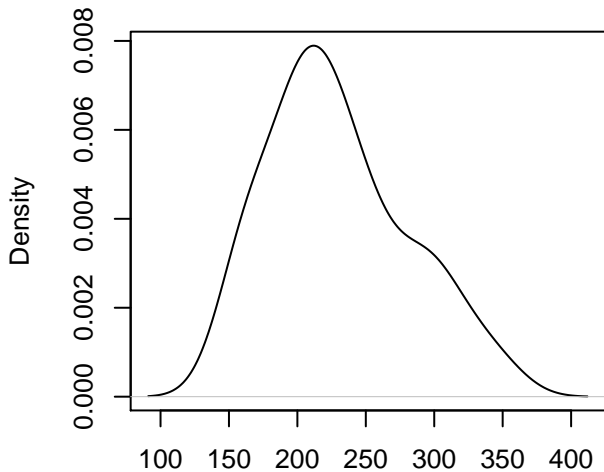
Insert size, N =76  
breakpoint: 16797527 – 16797552 oy-0 ler-0

**Bp = 1021 line = MAGIC.183 , Chr = 3**



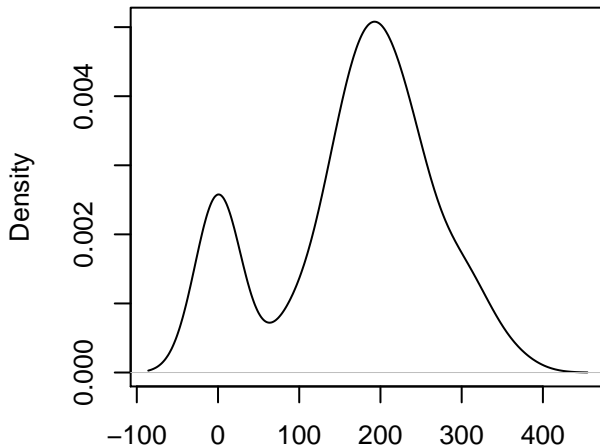
Insert size, N =57  
breakpoint: 16892838 – 16892870 ler-0 hi-0

**Bp = 1022 line = MAGIC.183 , Chr = 3**



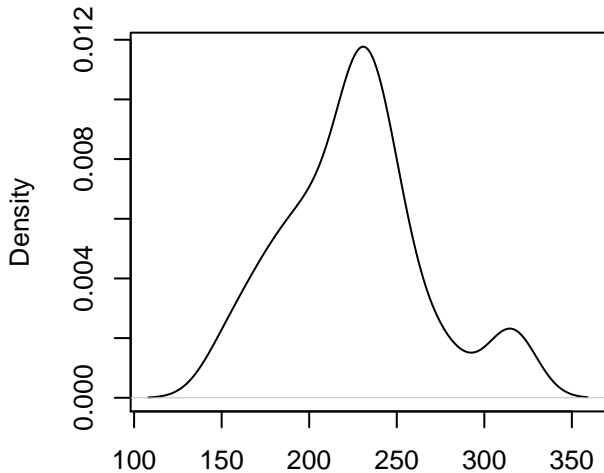
Insert size, N =39  
breakpoint: 16913362 – 16913368 hi-0 wu-0

**Bp = 1023 line = MAGIC.183 , Chr = 3**



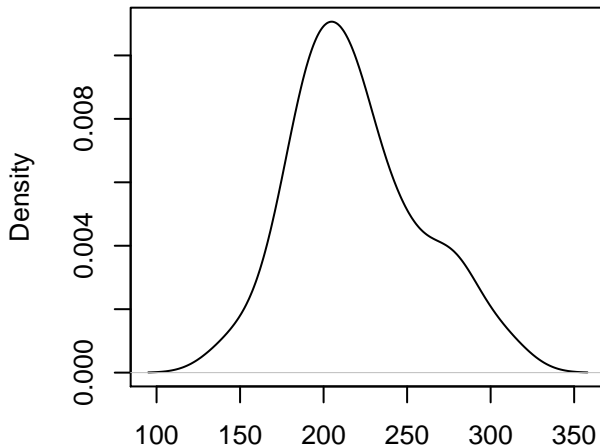
Insert size, N =108  
breakpoint: 16919052 – 16919096 wu-0 edi-0

**Bp = 1024 line = MAGIC.183 , Chr = 3**



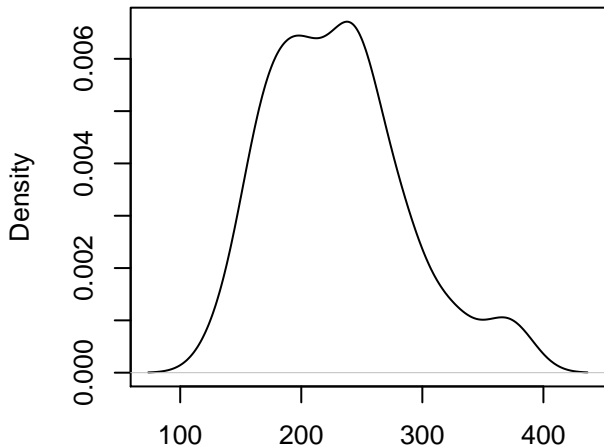
Insert size, N =50  
breakpoint: 16933335 – 16933359 edi-0 kn-0

**Bp = 1025 line = MAGIC.183 , Chr = 3**



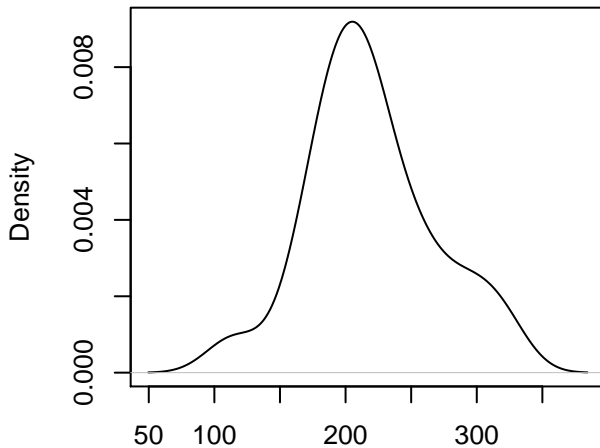
Insert size, N =48  
breakpoint: 16964930 – 16964940 kn-0 edi-0

**Bp = 1026 line = MAGIC.183 , Chr = 3**



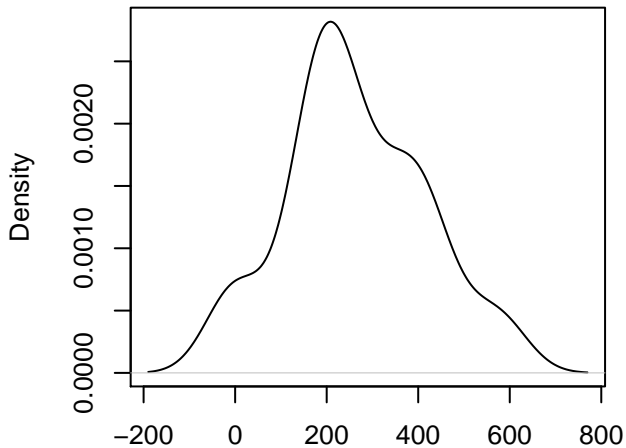
Insert size, N =60  
breakpoint: 17023858 – 17023879 edi-0 wil-2

**Bp = 1027 line = MAGIC.183 , Chr = 3**



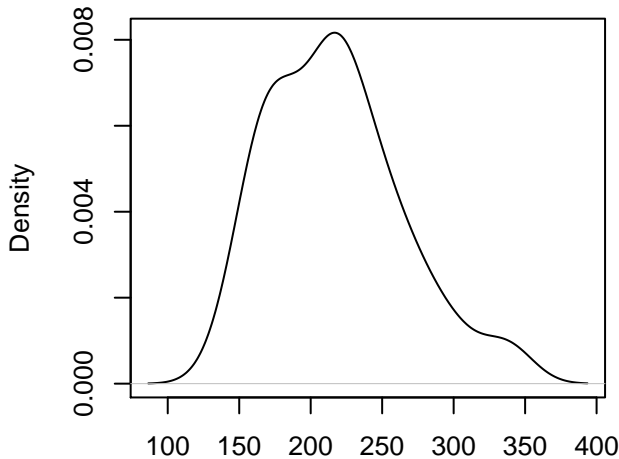
Insert size, N =43  
breakpoint: 17082155 – 17082200 wil-2 can-0

**Bp = 1028 line = MAGIC.183 , Chr = 3**



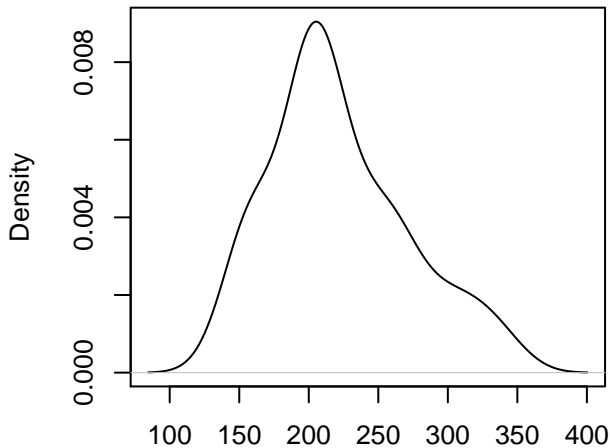
Insert size, N =28  
breakpoint: 17088512 – 17088516 can-0 hi-0

**Bp = 1029 line = MAGIC.183 , Chr = 3**



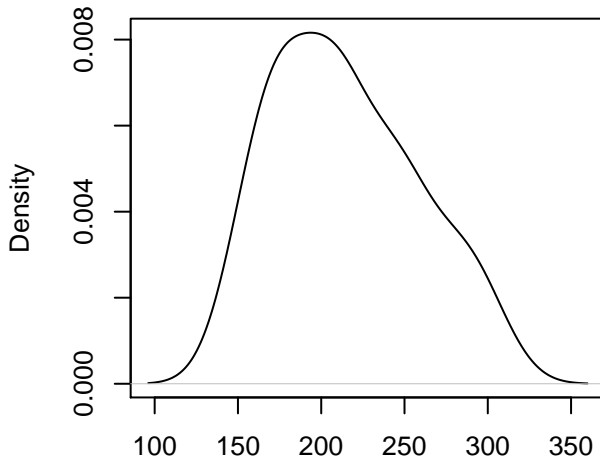
Insert size, N =72  
breakpoint: 17120834 – 17120849 hi-0 bur-0

**Bp = 1030 line = MAGIC.183 , Chr = 3**



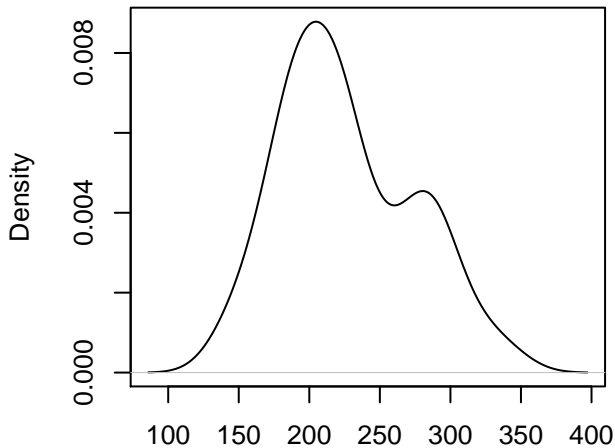
Insert size, N =49  
breakpoint: 17134483 – 17134486 bur-0 kn-0

**Bp = 1031 line = MAGIC.183 , Chr = 3**



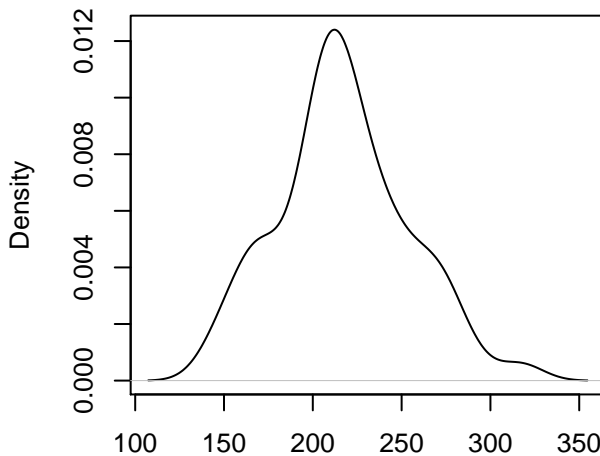
Insert size, N =42  
breakpoint: 17166292 – 17166309 kn-0 hi-0

**Bp = 1032 line = MAGIC.183 , Chr = 3**



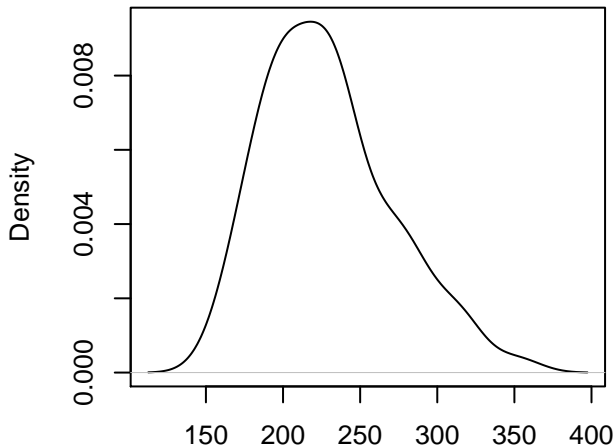
Insert size, N =80  
breakpoint: 17184083 – 17184310 hi-0 ler-0

**Bp = 1033 line = MAGIC.183 , Chr = 3**



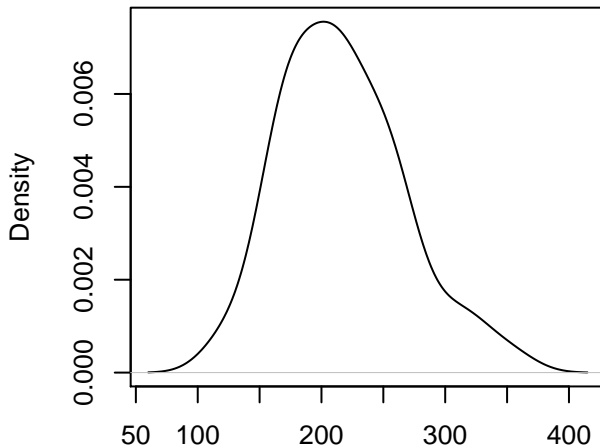
Insert size, N =54  
breakpoint: 17189520 – 17189532 ler-0 hi-0

**Bp = 1034 line = MAGIC.183 , Chr = 3**



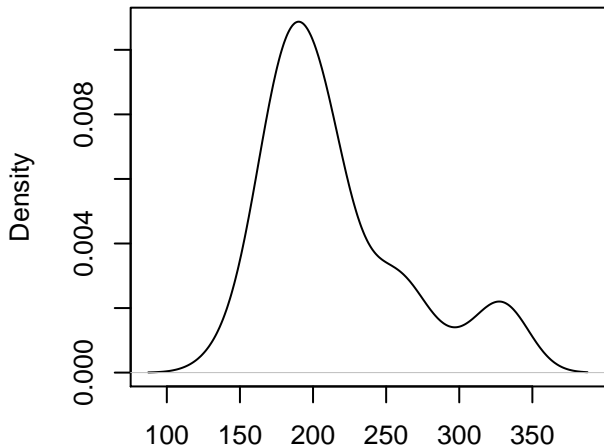
Insert size, N =72  
breakpoint: 17229486 – 17229549 hi-0 wil-2

**Bp = 1035 line = MAGIC.183 , Chr = 3**



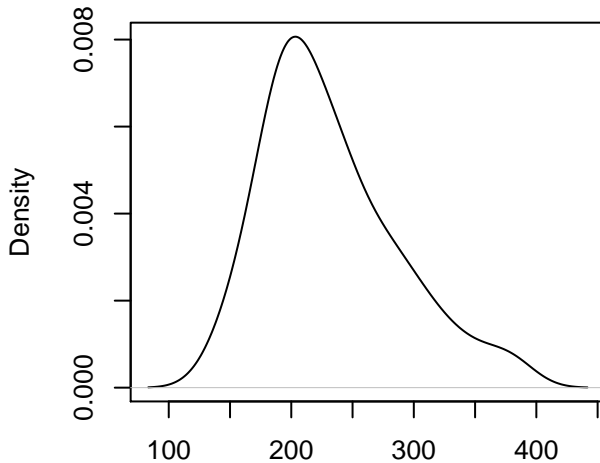
Insert size, N =57  
breakpoint: 17261527 – 17261597 wil-2 hi-0

**Bp = 1036 line = MAGIC.183 , Chr = 3**



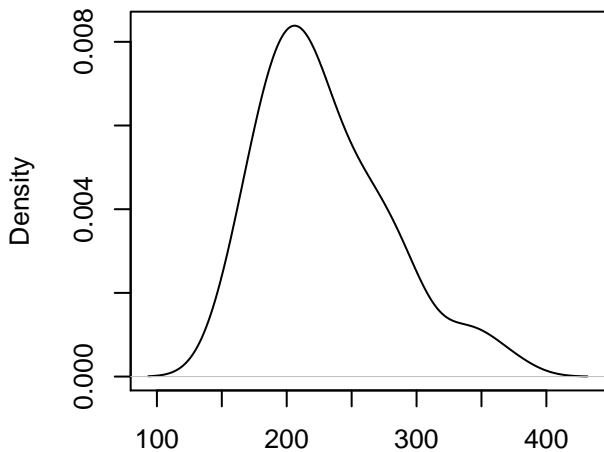
Insert size, N =47  
breakpoint: 17267442 – 17267443 hi-0 ct-1

**Bp = 1037 line = MAGIC.183 , Chr = 3**



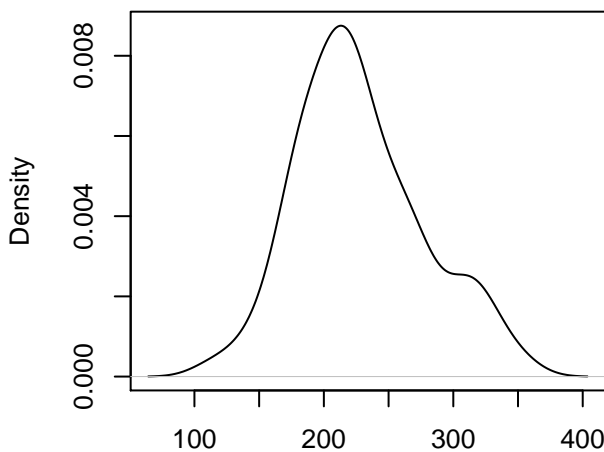
Insert size, N =64  
breakpoint: 17289766 – 17289779 ct-1 hi-0

**Bp = 1038 line = MAGIC.183 , Chr = 3**



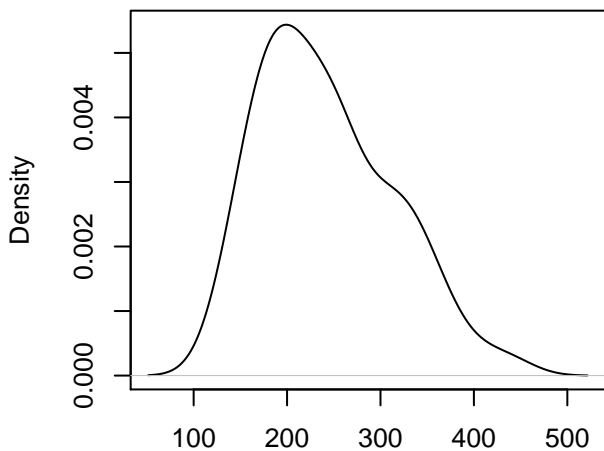
Insert size, N =59  
breakpoint: 17302985 – 17302986 hi-0 col-0

**Bp = 1039 line = MAGIC.183 , Chr = 3**



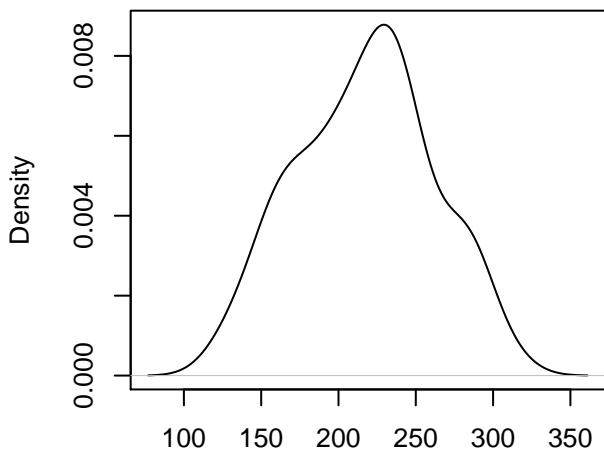
Insert size, N =70  
breakpoint: 17316893 – 17316899 col-0 edi-0

**Bp = 1040 line = MAGIC.183 , Chr = 3**



Insert size, N =71  
breakpoint: 17322747 – 17322757 edi-0 zu-0

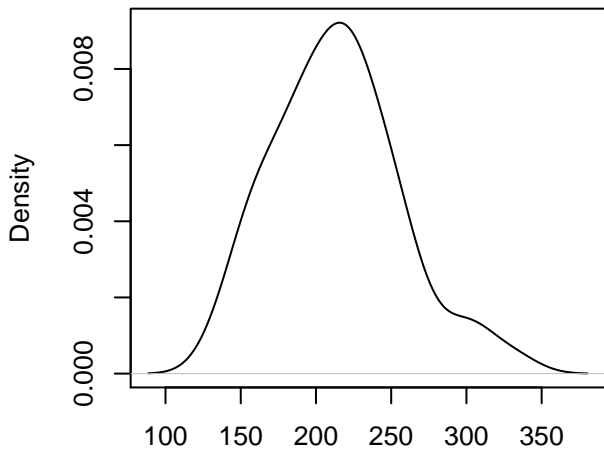
**Bp = 1041 line = MAGIC.183 , Chr = 3**



Insert size, N =80  
breakpoint: 17328959 – 17328966 zu-0 edi-0



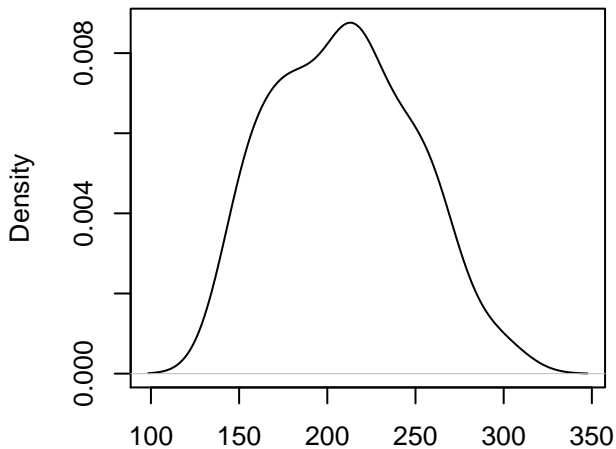
**Bp = 1042 line = MAGIC.183 , Chr = 3**



Insert size, N =57

breakpoint: 17376225 – 17376282 edi-0 bur-0

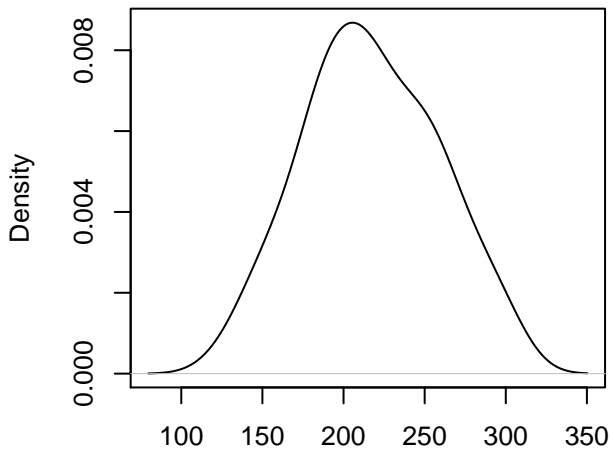
**Bp = 1043 line = MAGIC.183 , Chr = 3**



Insert size, N =66

breakpoint: 17388330 – 17388331 bur-0 edi-0

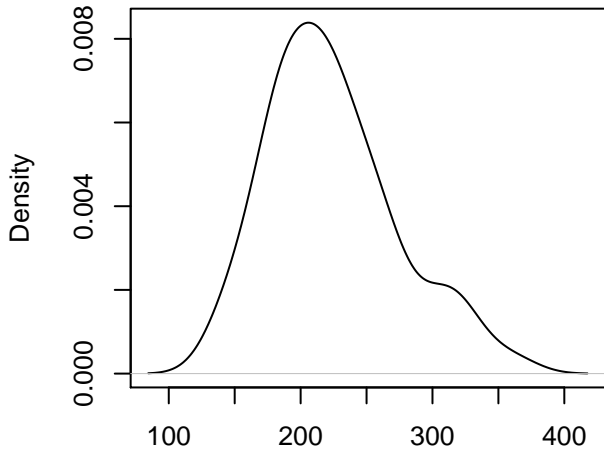
**Bp = 1044 line = MAGIC.183 , Chr = 3**



Insert size, N =59

breakpoint: 17441533 – 17441543 edi-0 no-0

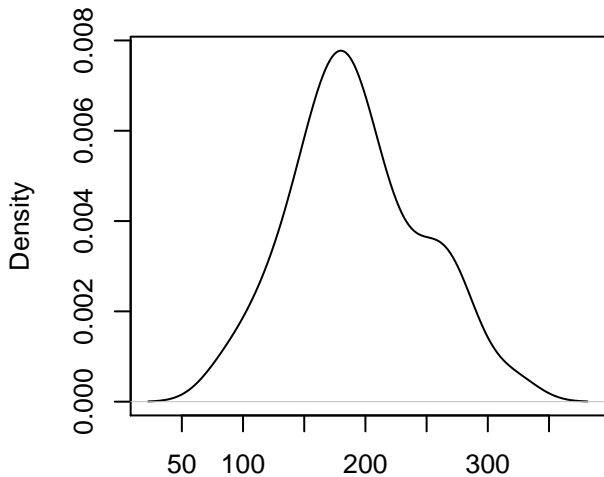
**Bp = 1045 line = MAGIC.183 , Chr = 3**



Insert size, N =58

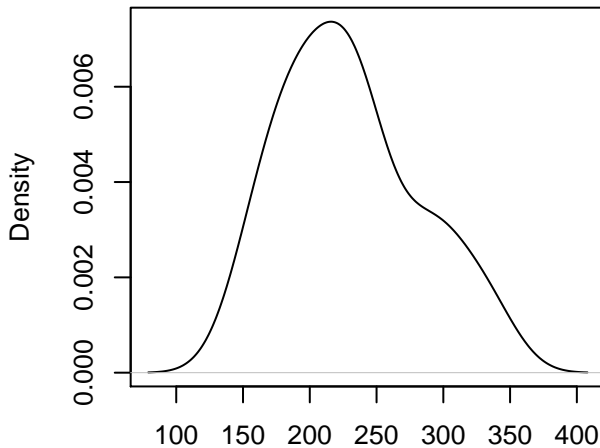
breakpoint: 17445657 – 17445658 no-0 bur-0

**Bp = 1046 line = MAGIC.183 , Chr = 3**



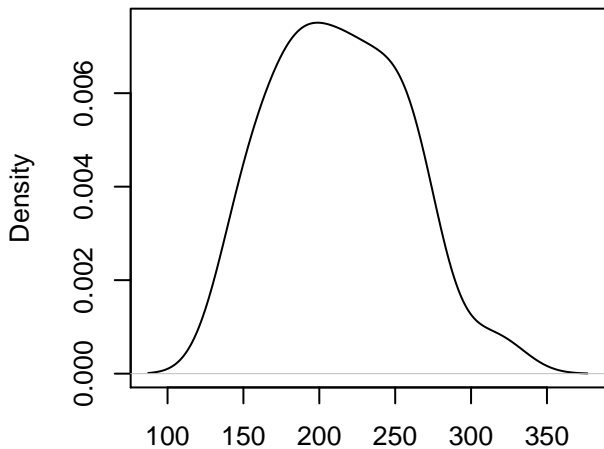
Insert size, N =41  
breakpoint: 17451875 – 17451890 bur-0 wil-2

**Bp = 1047 line = MAGIC.183 , Chr = 3**



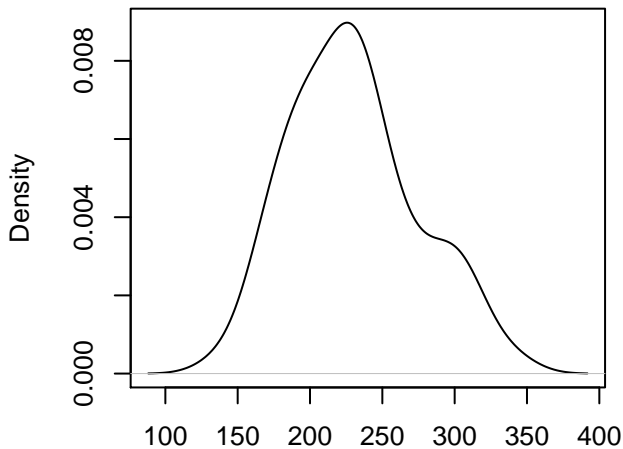
Insert size, N =50  
breakpoint: 17455280 – 17455479 wil-2 wu-0

**Bp = 1048 line = MAGIC.183 , Chr = 3**



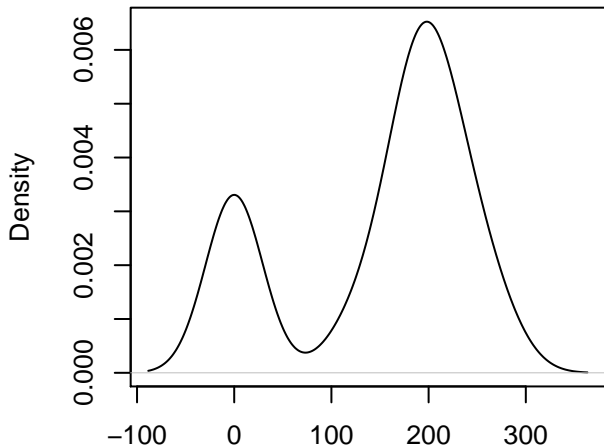
Insert size, N =51  
breakpoint: 17464810 – 17464811 wu-0 wil-2

**Bp = 1049 line = MAGIC.183 , Chr = 3**

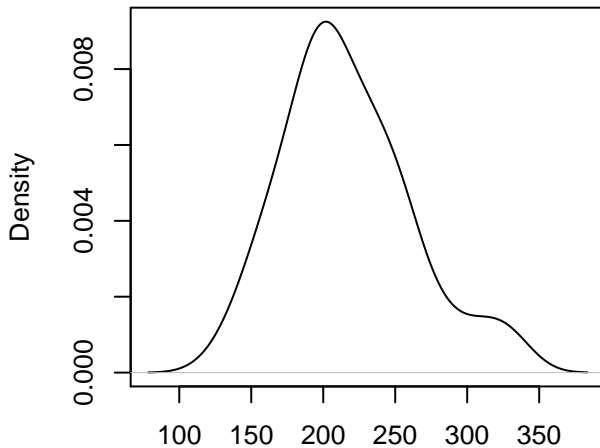


Insert size, N =71  
breakpoint: 17473904 – 17473979 wil-2 col-0

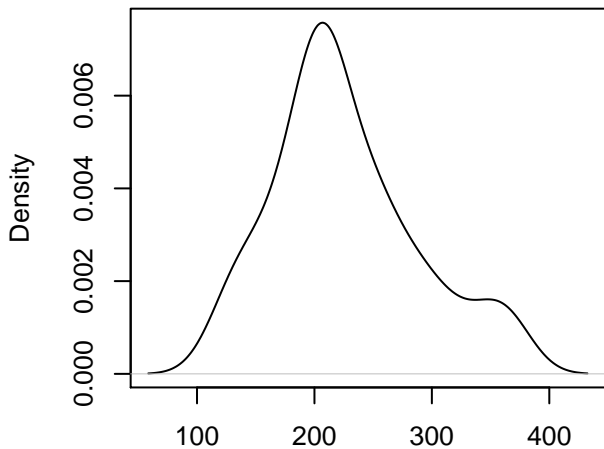
**Bp = 1050 line = MAGIC.183 , Chr = 3**



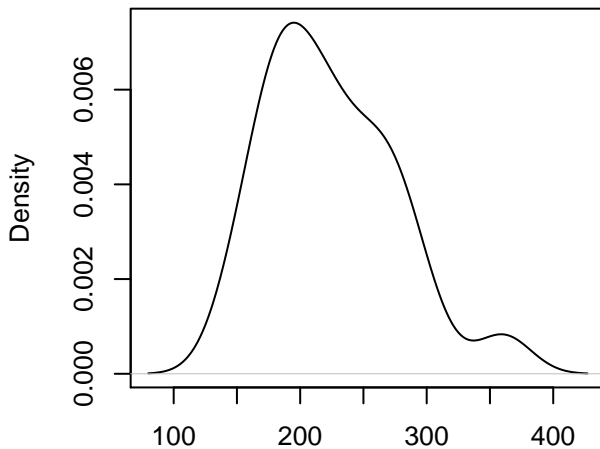
**Bp = 1051 line = MAGIC.183 , Chr = 3**



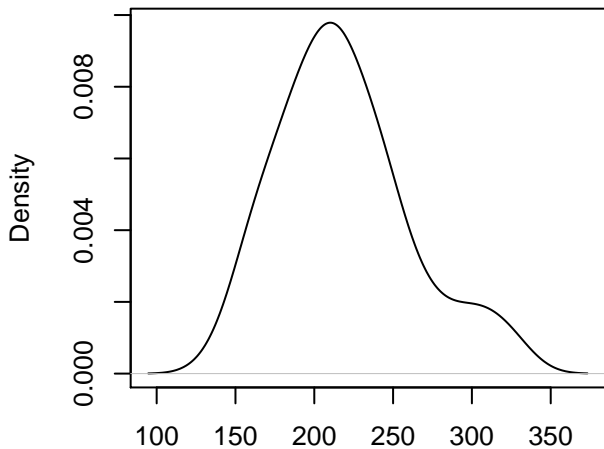
**Bp = 1052 line = MAGIC.183 , Chr = 3**



**Bp = 1053 line = MAGIC.183 , Chr = 3**

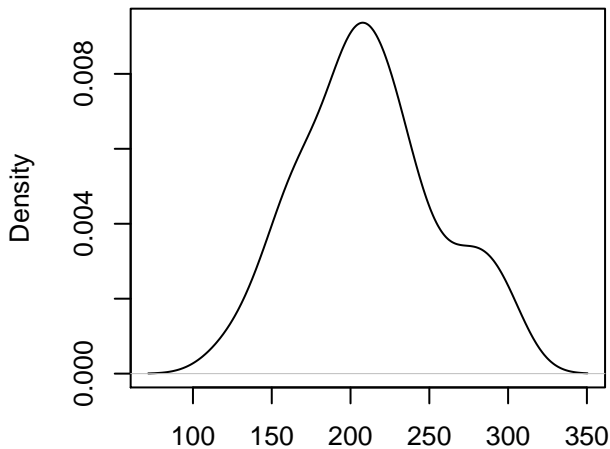


**Bp = 1054 line = MAGIC.183 , Chr = 3**



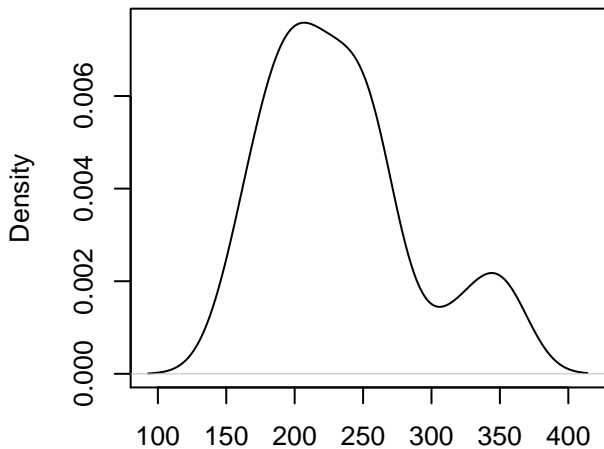
Insert size, N =65  
breakpoint: 17571866 – 17571886 zu-0 bur-0

**Bp = 1055 line = MAGIC.183 , Chr = 3**



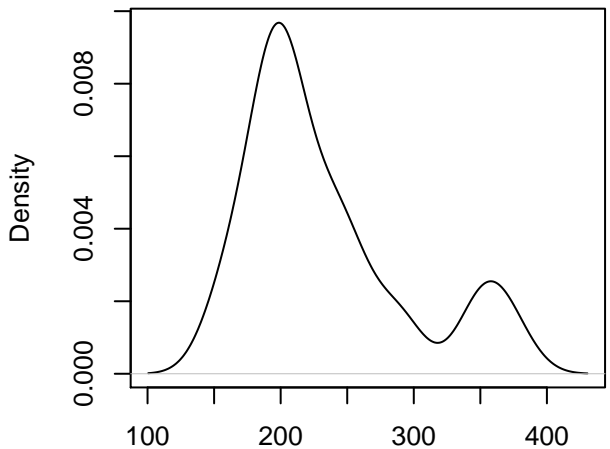
Insert size, N =50  
breakpoint: 17627078 – 17627134 bur-0 edi-0

**Bp = 1056 line = MAGIC.183 , Chr = 3**



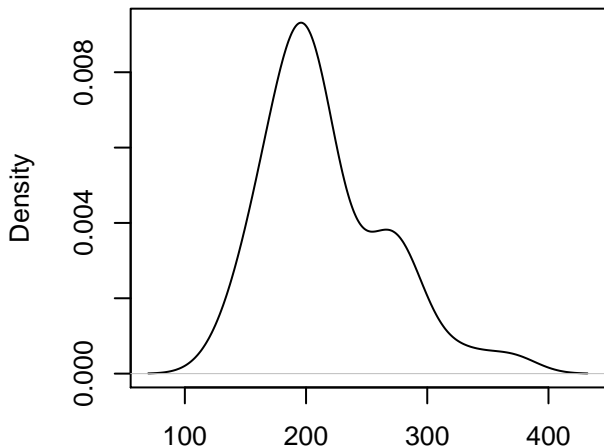
Insert size, N =44  
breakpoint: 17631208 – 17631411 edi-0 zu-0

**Bp = 1057 line = MAGIC.183 , Chr = 3**



Insert size, N =29  
breakpoint: 17639620 – 17639631 zu-0 can-0

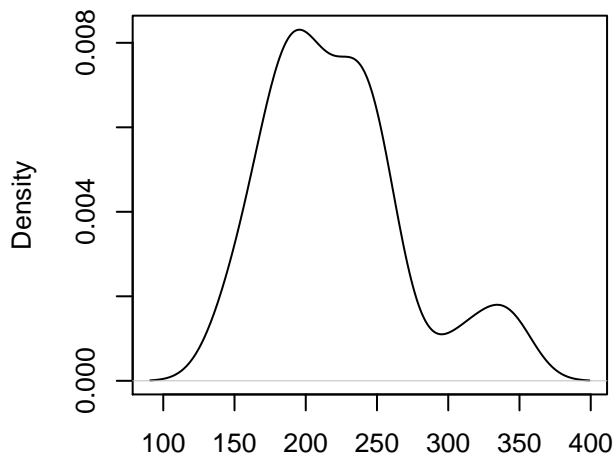
**Bp = 1058 line = MAGIC.183 , Chr = 3**



Insert size, N =43

breakpoint: 17643730 – 17643798 can-0 edi-0

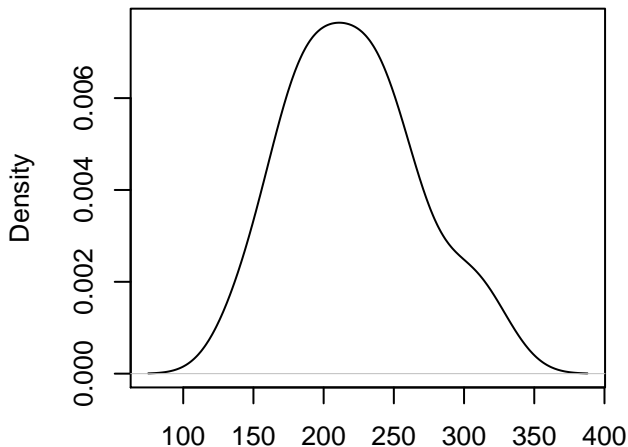
**Bp = 1059 line = MAGIC.183 , Chr = 3**



Insert size, N =61

breakpoint: 17687491 – 17687840 edi-0 bur-0

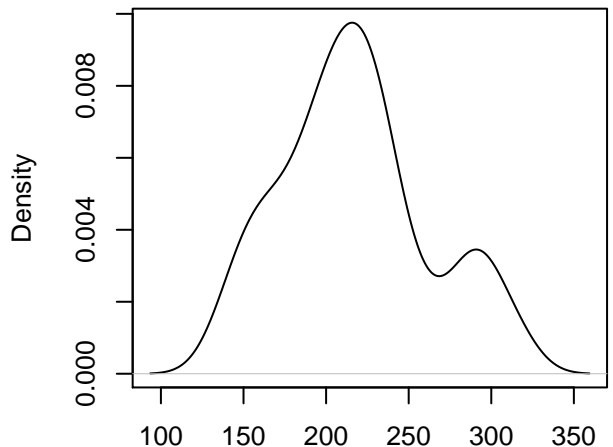
**Bp = 1060 line = MAGIC.183 , Chr = 3**



Insert size, N =50

breakpoint: 17725359 – 17725567 bur-0 wil-2

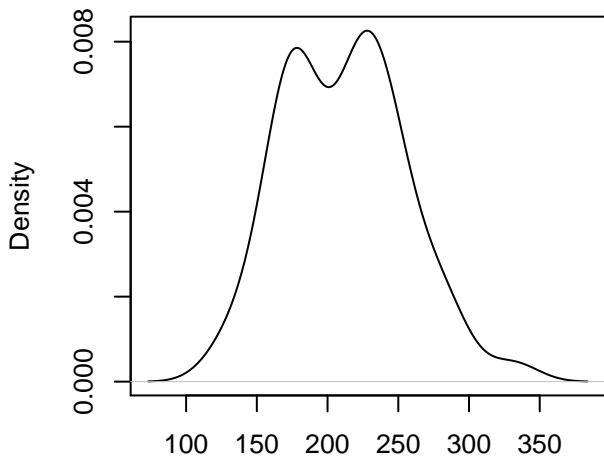
**Bp = 1061 line = MAGIC.183 , Chr = 3**



Insert size, N =54

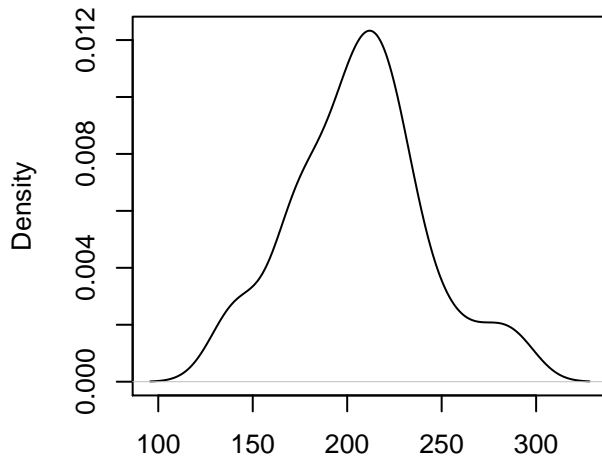
breakpoint: 17757750 – 17757767 wil-2 zu-0

**Bp = 1062 line = MAGIC.183 , Chr = 3**



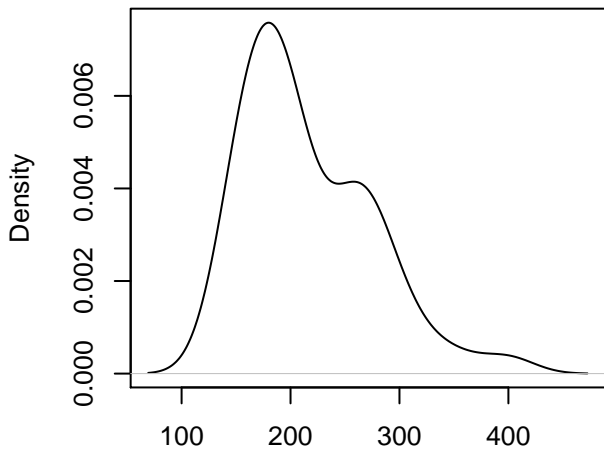
Insert size, N =51  
breakpoint: 17773775 – 17773867 zu-0 mt-0

**Bp = 1063 line = MAGIC.183 , Chr = 3**



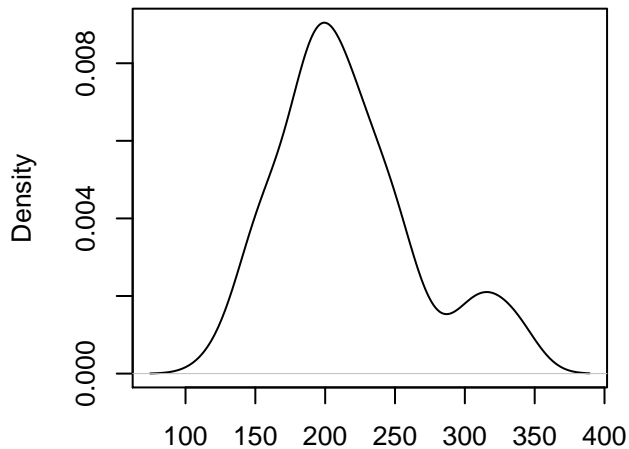
Insert size, N =47  
breakpoint: 17797231 – 17797311 mt-0 sf-2

**Bp = 1064 line = MAGIC.183 , Chr = 3**



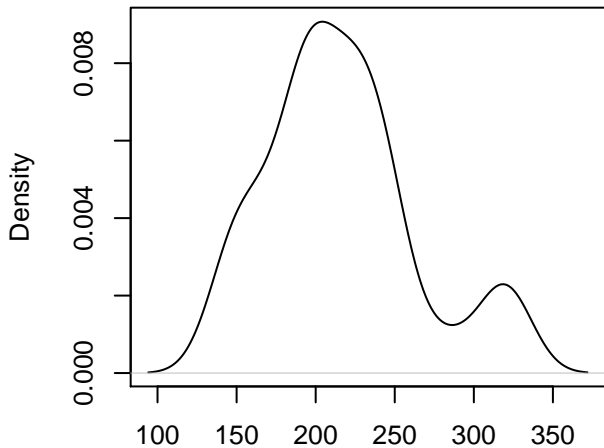
Insert size, N =46  
breakpoint: 17848796 – 17848945 sf-2 wil-2

**Bp = 1065 line = MAGIC.183 , Chr = 3**



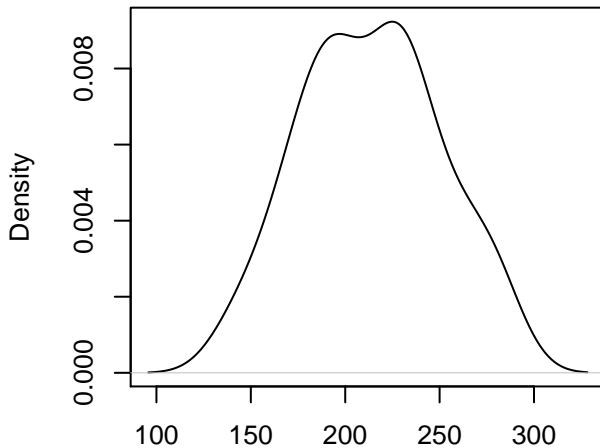
Insert size, N =66  
breakpoint: 17880058 – 17880115 wil-2 wu-0

**Bp = 1066 line = MAGIC.183 , Chr = 3**



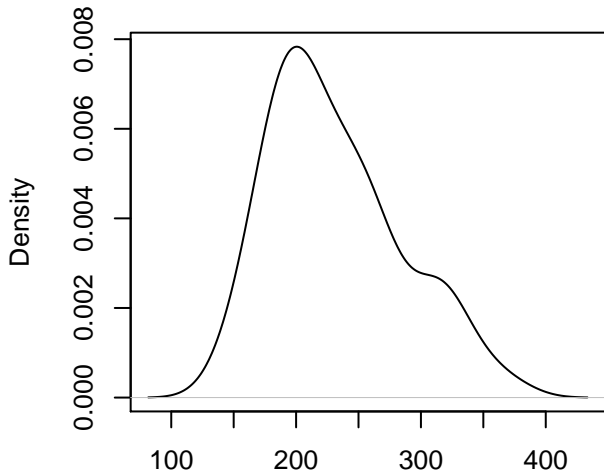
Insert size, N =32  
breakpoint: 17916088 – 17916091 wu-0 kn-0

**Bp = 1067 line = MAGIC.183 , Chr = 3**



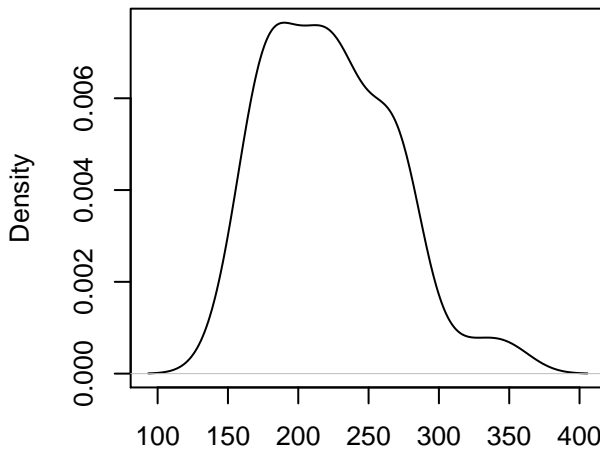
Insert size, N =49  
breakpoint: 17927953 – 17927989 kn-0 hi-0

**Bp = 1068 line = MAGIC.183 , Chr = 3**



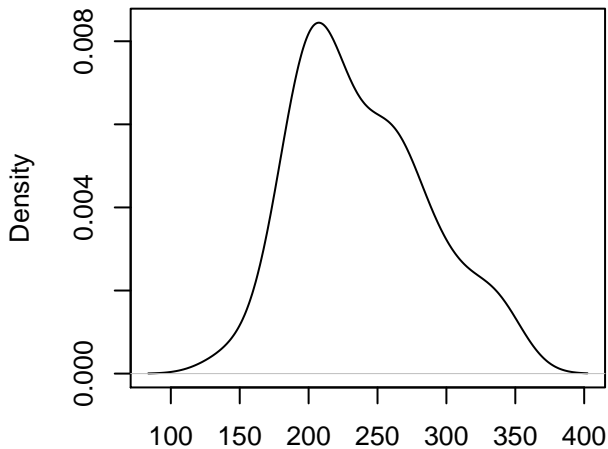
Insert size, N =73  
breakpoint: 18002412 – 18002427 hi-0 kn-0

**Bp = 1069 line = MAGIC.183 , Chr = 3**



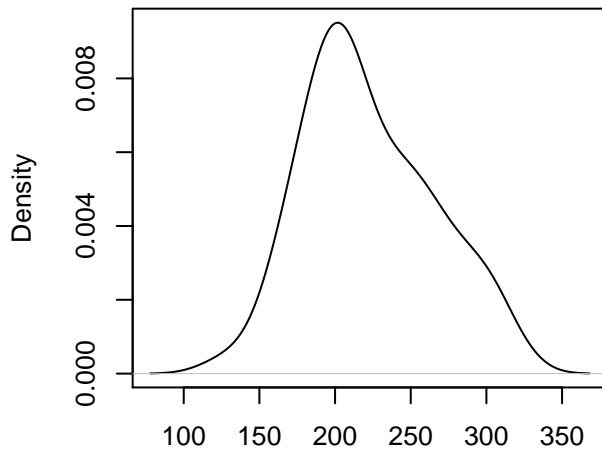
Insert size, N =60  
breakpoint: 18021807 – 18021860 kn-0 no-0

**Bp = 1070 line = MAGIC.183 , Chr = 3**



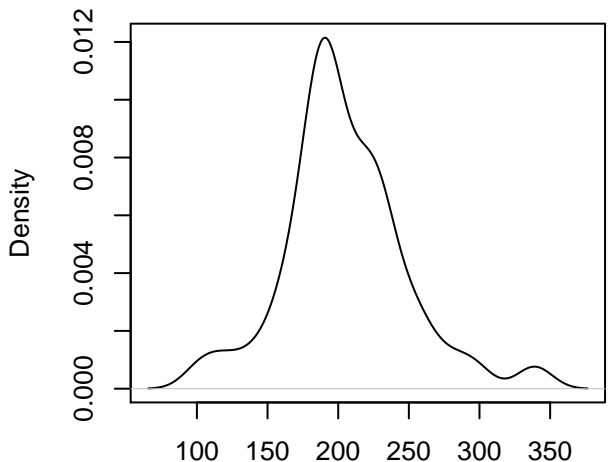
Insert size, N =51  
breakpoint: 18034982 – 18035123 no-0 mt-0

**Bp = 1071 line = MAGIC.183 , Chr = 3**



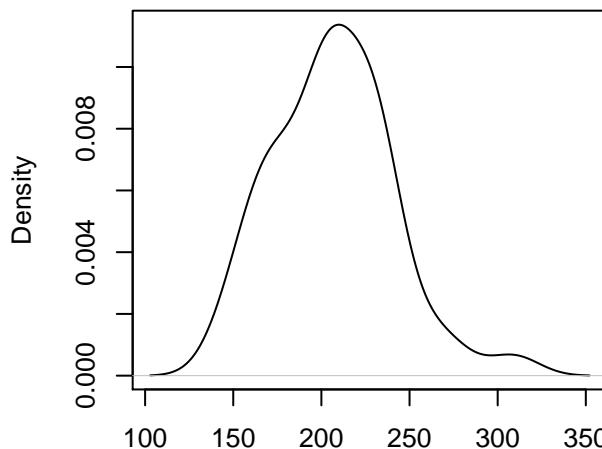
Insert size, N =58  
breakpoint: 18051457 – 18051557 mt-0 ler-0

**Bp = 1072 line = MAGIC.183 , Chr = 3**



Insert size, N =42  
breakpoint: 18070553 – 18070555 ler-0 oy-0

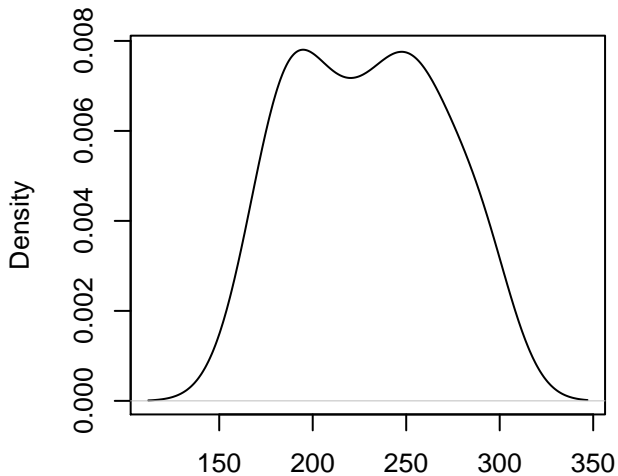
**Bp = 1073 line = MAGIC.183 , Chr = 3**



Insert size, N =43  
breakpoint: 18436537 – 18436602 oy-0 bur-0



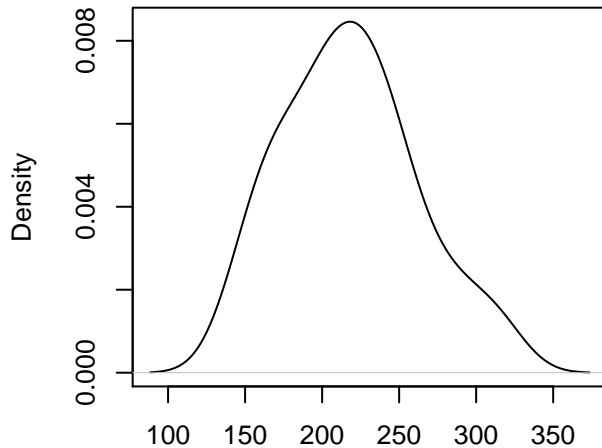
**Bp = 1074 line = MAGIC.183 , Chr = 3**



Insert size, N =34

breakpoint: 18470940 – 18470997 bur-0 mt-0

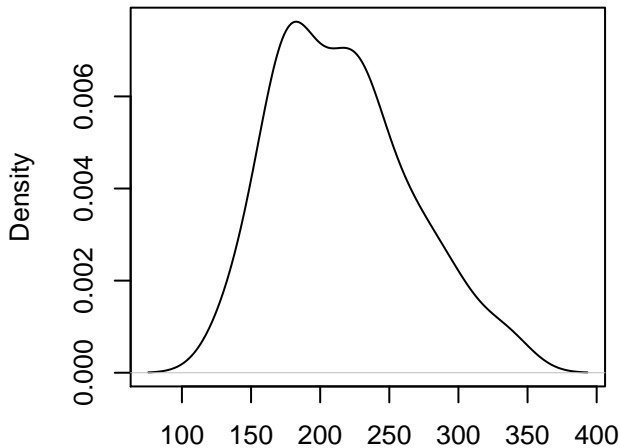
**Bp = 1075 line = MAGIC.183 , Chr = 3**



Insert size, N =45

breakpoint: 18577774 – 18577786 mt-0 no-0

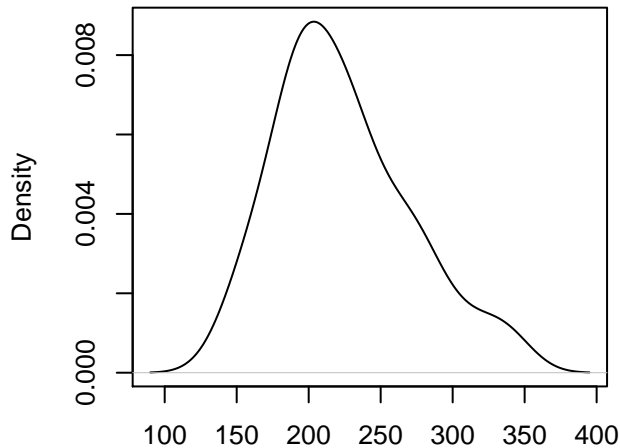
**Bp = 1076 line = MAGIC.183 , Chr = 3**



Insert size, N =52

breakpoint: 18704886 – 18704929 no-0 ws-0

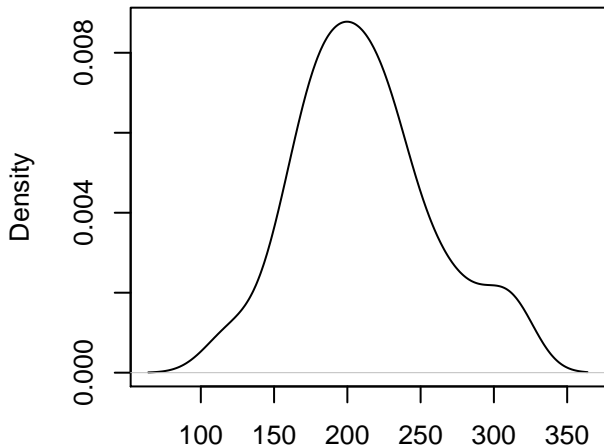
**Bp = 1077 line = MAGIC.183 , Chr = 3**



Insert size, N =48

breakpoint: 18783126 – 18783181 ws-0 ler-0

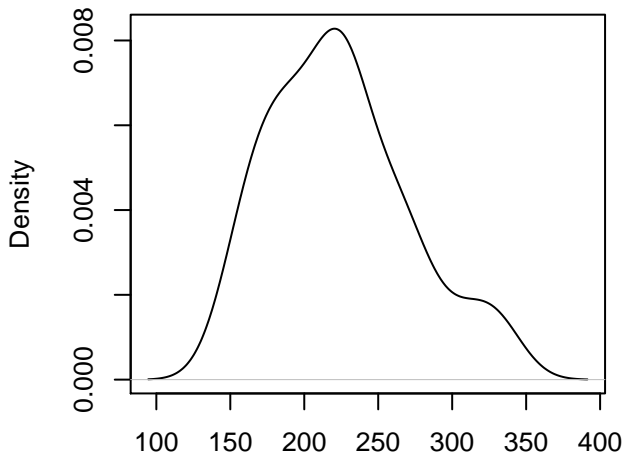
**Bp = 1078 line = MAGIC.183 , Chr = 3**



Insert size, N =45

breakpoint: 18840950 – 18841013 ler-0 rsch-4

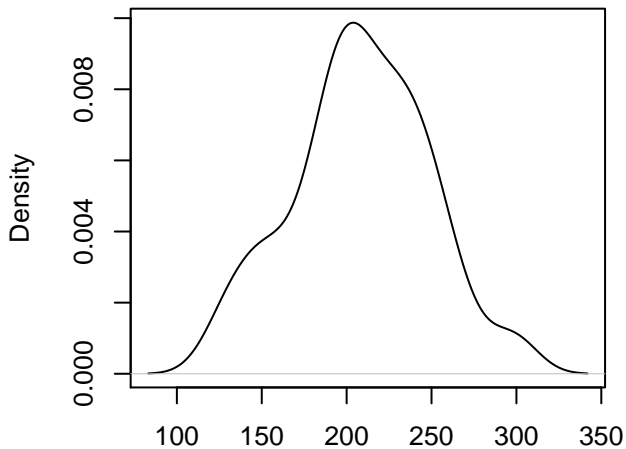
**Bp = 1079 line = MAGIC.183 , Chr = 3**



Insert size, N =84

breakpoint: 18874617 – 18874677 rsch-4 edi-0

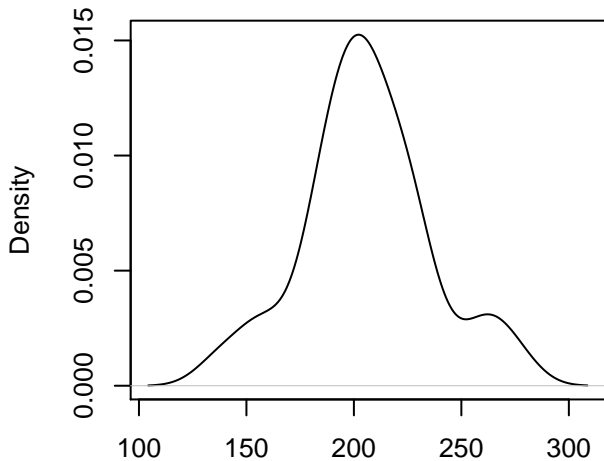
**Bp = 1080 line = MAGIC.183 , Chr = 3**



Insert size, N =54

breakpoint: 18915837 – 18915848 edi-0 sf-2

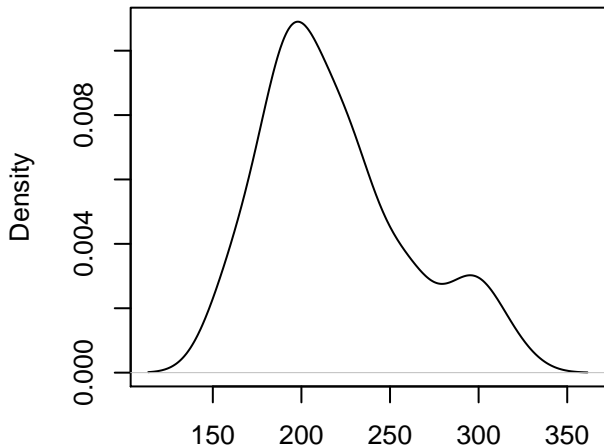
**Bp = 1081 line = MAGIC.183 , Chr = 3**



Insert size, N =30

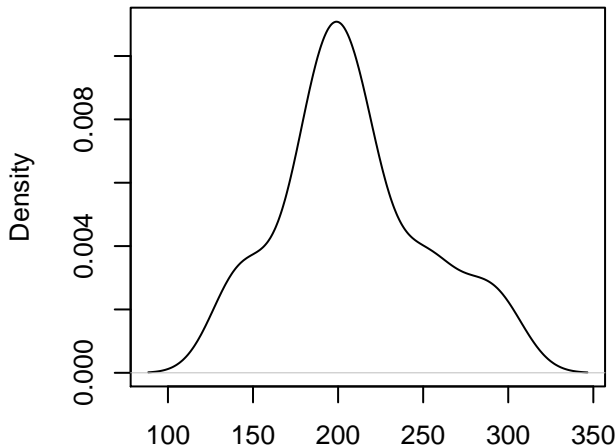
breakpoint: 18933891 – 18934010 sf-2 can-0

**Bp = 1082 line = MAGIC.183 , Chr = 3**



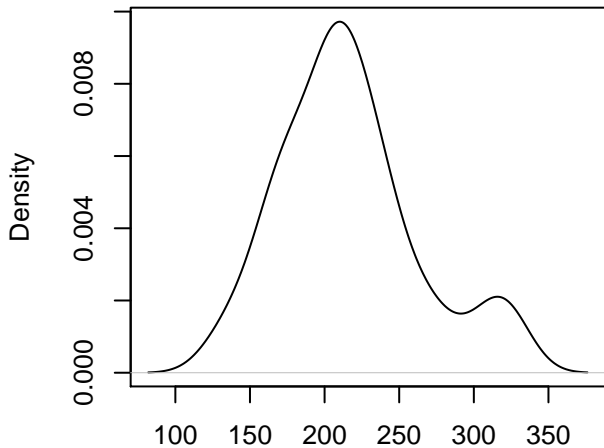
Insert size, N =47  
breakpoint: 18940679 – 18940699 can-0 hi-0

**Bp = 1083 line = MAGIC.183 , Chr = 3**



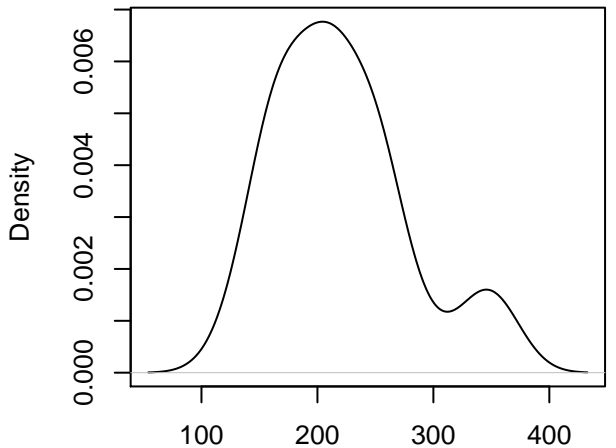
Insert size, N =25  
breakpoint: 18961987 – 18962009 hi-0 ler-0

**Bp = 1084 line = MAGIC.183 , Chr = 3**



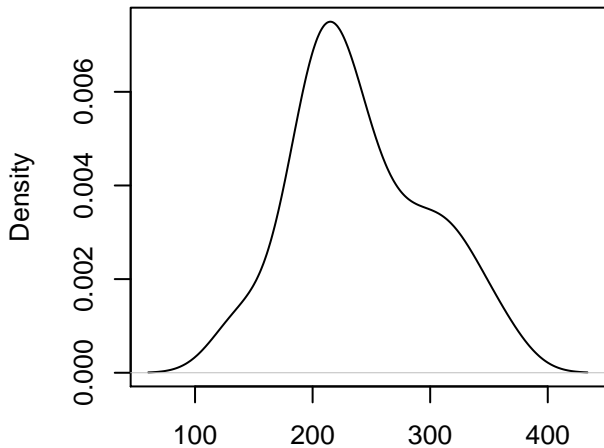
Insert size, N =48  
breakpoint: 19231042 – 19231134 ler-0 bur-0

**Bp = 1085 line = MAGIC.183 , Chr = 3**



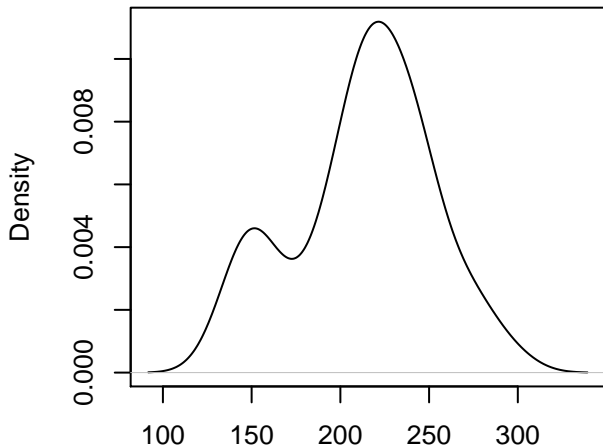
Insert size, N =41  
breakpoint: 19265050 – 19265073 bur-0 oy-0

**Bp = 1086 line = MAGIC.183 , Chr = 3**



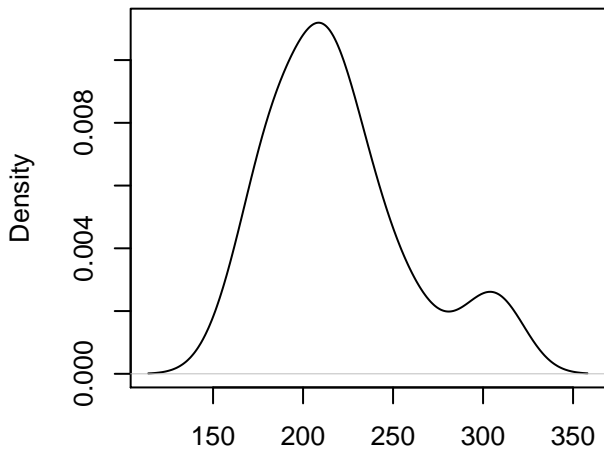
Insert size, N =46  
breakpoint: 19387026 – 19387071 oy-0 edi-0

**Bp = 1087 line = MAGIC.183 , Chr = 3**



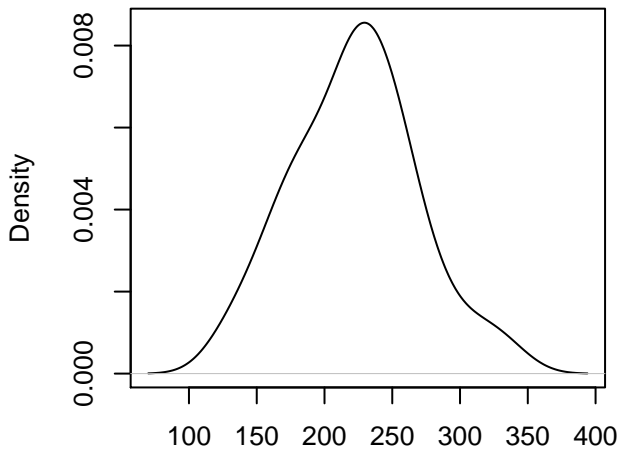
Insert size, N =58  
breakpoint: 19506383 – 19506406 edi-0 oy-0

**Bp = 1088 line = MAGIC.183 , Chr = 3**



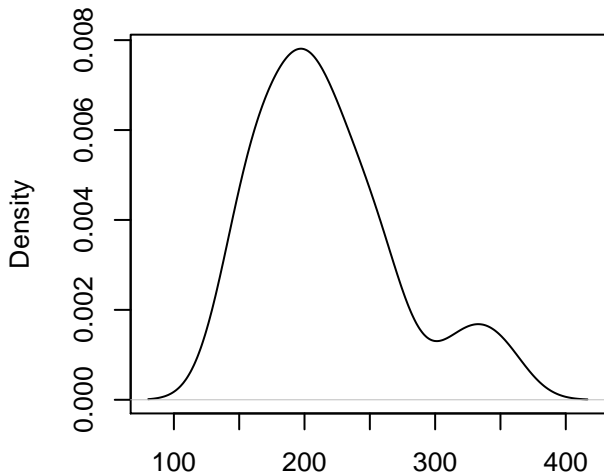
Insert size, N =35  
breakpoint: 19700556 – 19700558 oy-0 wu-0

**Bp = 1089 line = MAGIC.183 , Chr = 3**



Insert size, N =55  
breakpoint: 19974358 – 19974383 wu-0 rsch-4

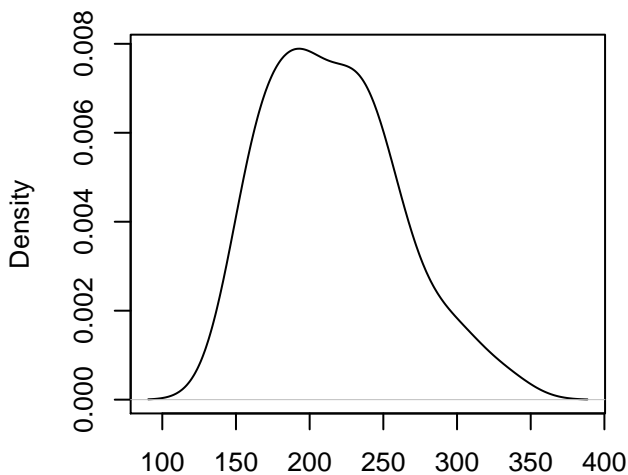
**Bp = 1090 line = MAGIC.183 , Chr = 3**



Insert size, N =43

breakpoint: 20316260 – 20316261 rsch-4 zu-0

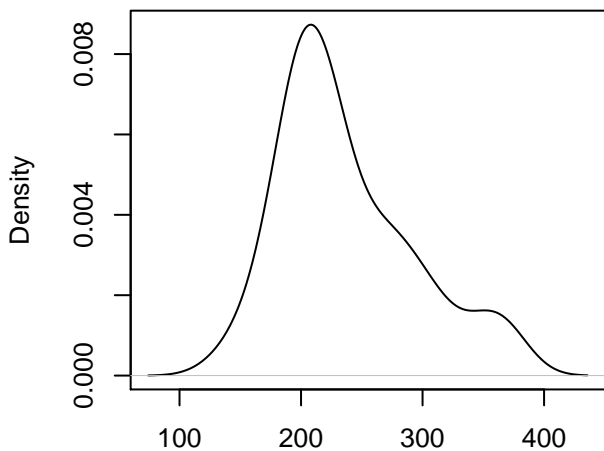
**Bp = 1091 line = MAGIC.183 , Chr = 3**



Insert size, N =50

breakpoint: 20507655 – 20507729 zu-0 po-0

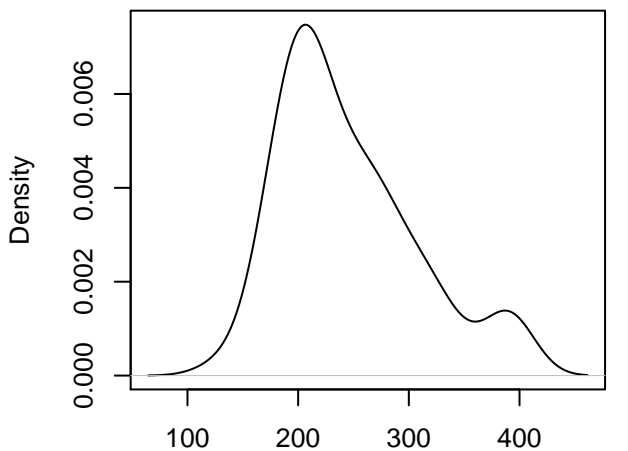
**Bp = 1092 line = MAGIC.183 , Chr = 3**



Insert size, N =59

breakpoint: 20641165 – 20641244 po-0 zu-0

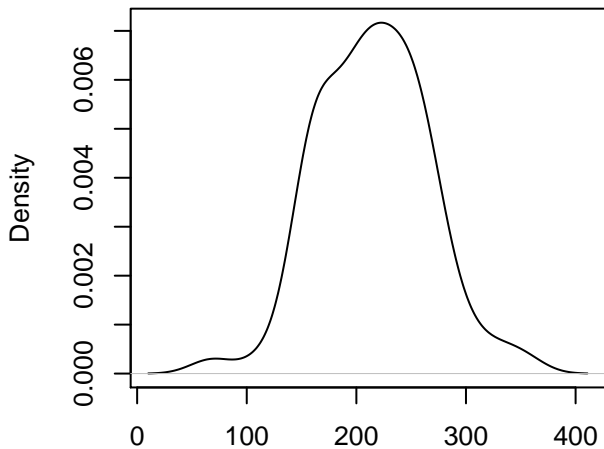
**Bp = 1093 line = MAGIC.183 , Chr = 3**



Insert size, N =66

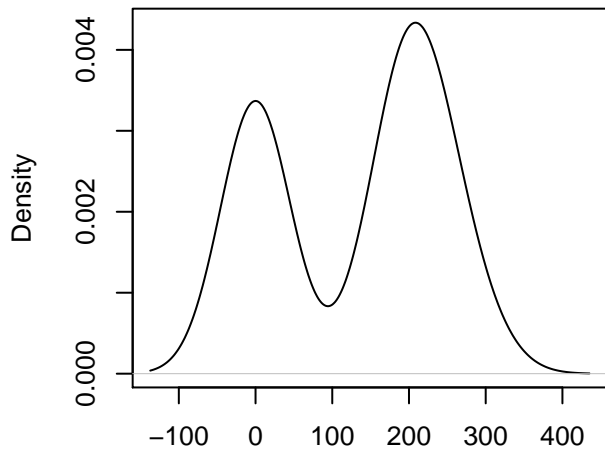
breakpoint: 20702930 – 20703139 zu-0 bur-0

**Bp = 1094 line = MAGIC.183 , Chr = 3**



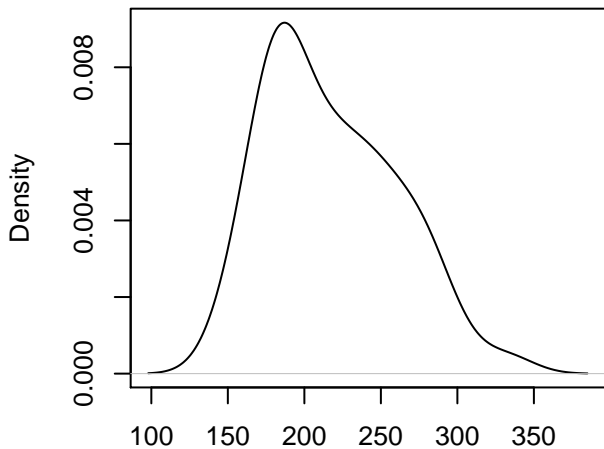
Insert size, N =72  
breakpoint: 20718351 – 20718415 bur-0 kn-0

**Bp = 1095 line = MAGIC.183 , Chr = 3**



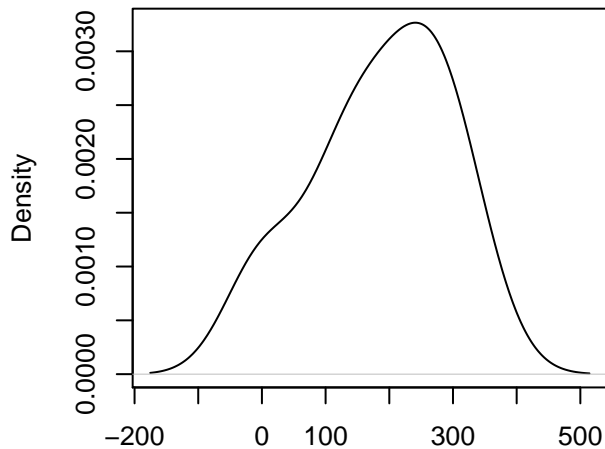
Insert size, N =44  
breakpoint: 20729559 – 20729596 kn-0 col-0

**Bp = 1096 line = MAGIC.183 , Chr = 3**



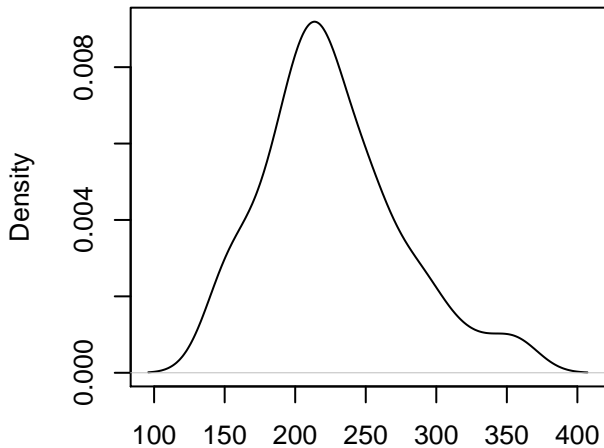
Insert size, N =49  
breakpoint: 20756610 – 20756653 col-0 wu-0

**Bp = 1097 line = MAGIC.183 , Chr = 3**



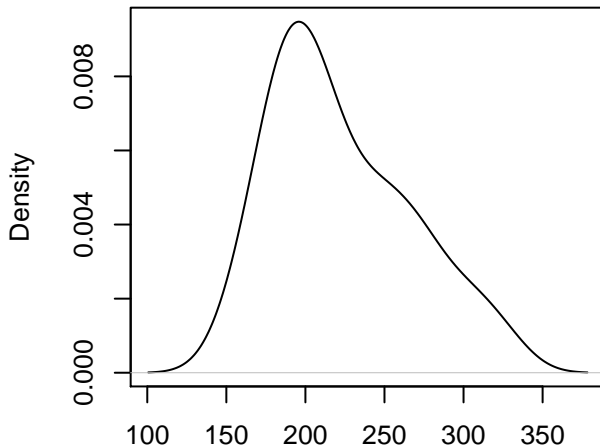
Insert size, N =13  
breakpoint: 20876001 – 20876066 wu-0 mt-0

**Bp = 1098 line = MAGIC.183 , Chr = 3**



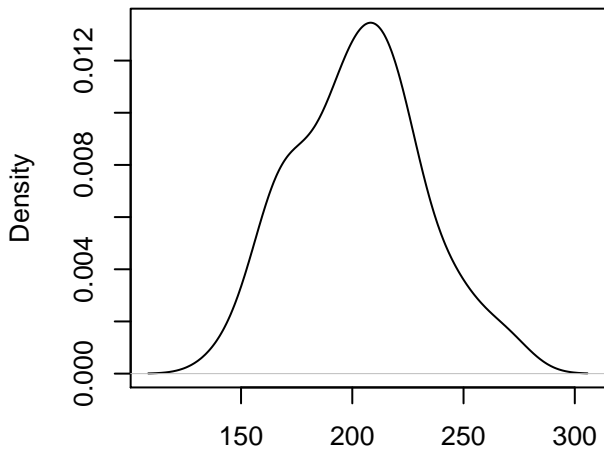
Insert size, N =57  
breakpoint: 21060296 – 21060300 mt-0 wu-0

**Bp = 1099 line = MAGIC.183 , Chr = 3**



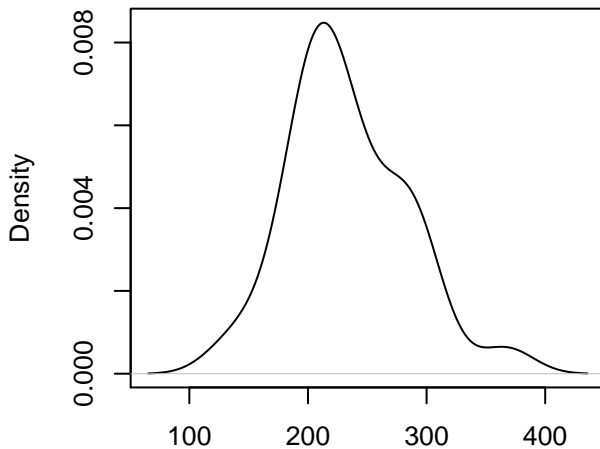
Insert size, N =62  
breakpoint: 21132607 – 21132646 wu-0 col-0

**Bp = 1100 line = MAGIC.183 , Chr = 3**



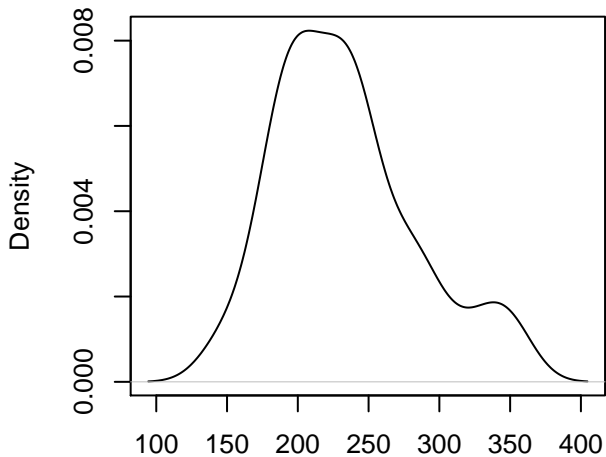
Insert size, N =55  
breakpoint: 21296985 – 21297056 col-0 wil-2

**Bp = 1101 line = MAGIC.183 , Chr = 3**



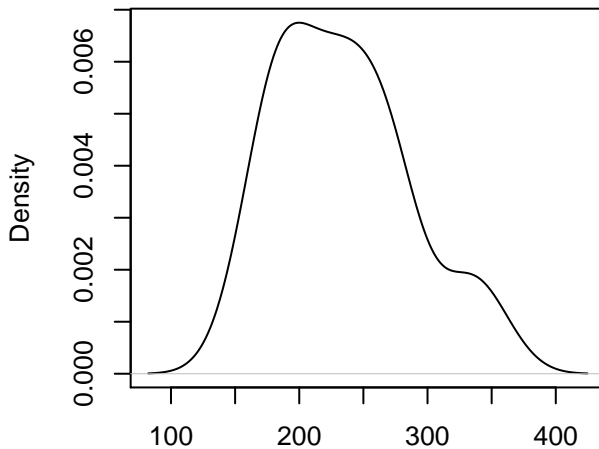
Insert size, N =28  
breakpoint: 21300918 – 21300950 wil-2 sf-2

**Bp = 1102 line = MAGIC.183 , Chr = 3**



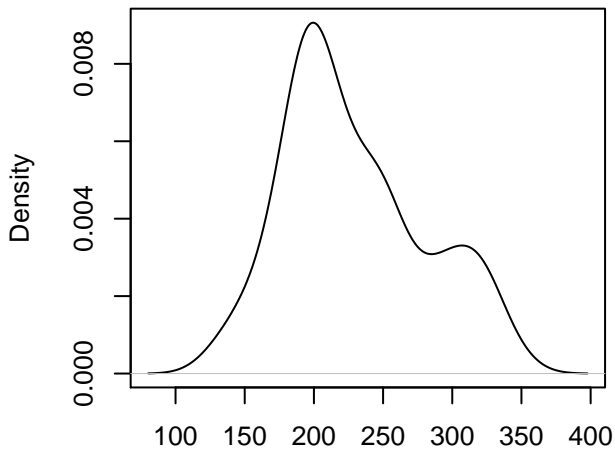
Insert size, N =49  
breakpoint: 21392021 – 21392231 sf-2 no-0

**Bp = 1103 line = MAGIC.183 , Chr = 3**



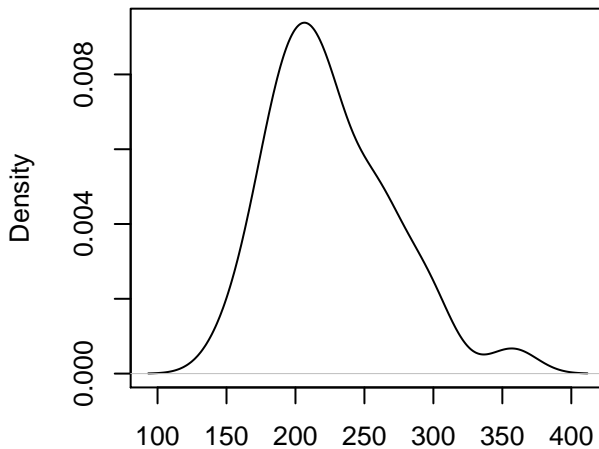
Insert size, N =37  
breakpoint: 21424538 – 21425436 no-0 edi-0

**Bp = 1104 line = MAGIC.183 , Chr = 3**



Insert size, N =102  
breakpoint: 21611471 – 21611494 edi-0 wu-0

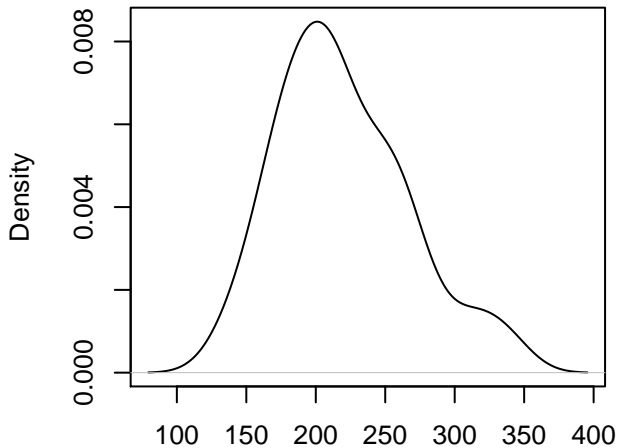
**Bp = 1105 line = MAGIC.183 , Chr = 3**



Insert size, N =69  
breakpoint: 21772359 – 21772364 wu-0 kn-0

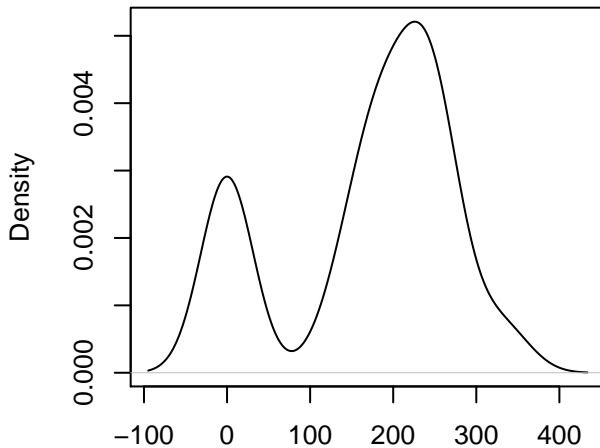


**Bp = 1106 line = MAGIC.183 , Chr = 3**



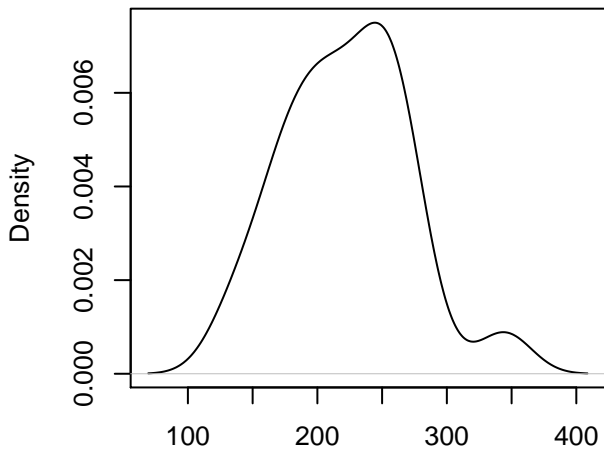
Insert size, N =49  
breakpoint: 21801817 – 21801885 kn-0 hi-0

**Bp = 1107 line = MAGIC.183 , Chr = 3**



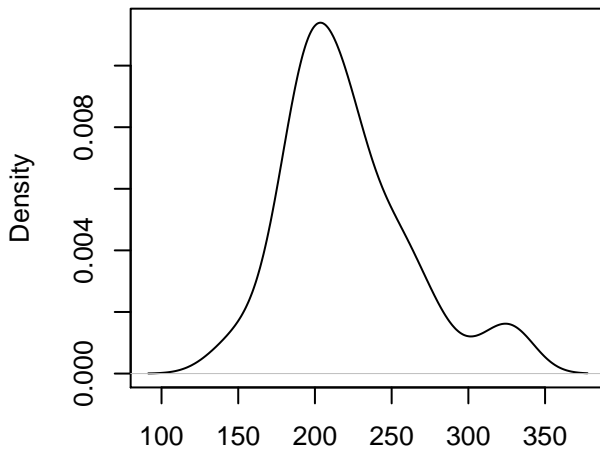
Insert size, N =52  
breakpoint: 21932281 – 21932297 hi-0 zu-0

**Bp = 1108 line = MAGIC.183 , Chr = 3**



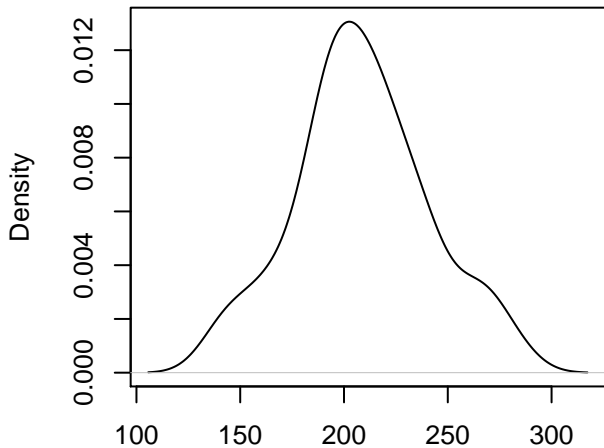
Insert size, N =44  
breakpoint: 21982835 – 21982871 zu-0 oy-0

**Bp = 1109 line = MAGIC.183 , Chr = 3**

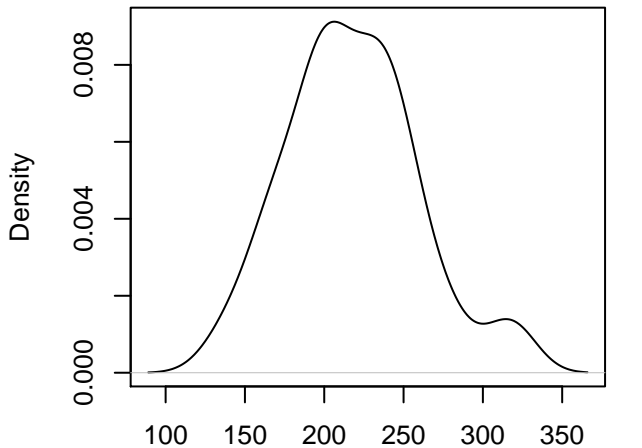


Insert size, N =69  
breakpoint: 22710506 – 22710523 oy-0 no-0

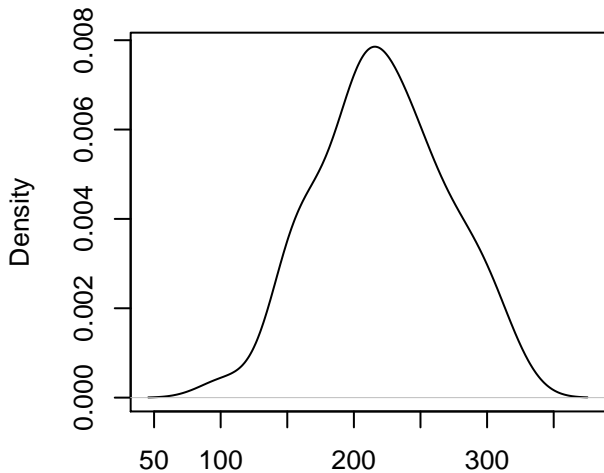
**Bp = 1110 line = MAGIC.183 , Chr = 3**



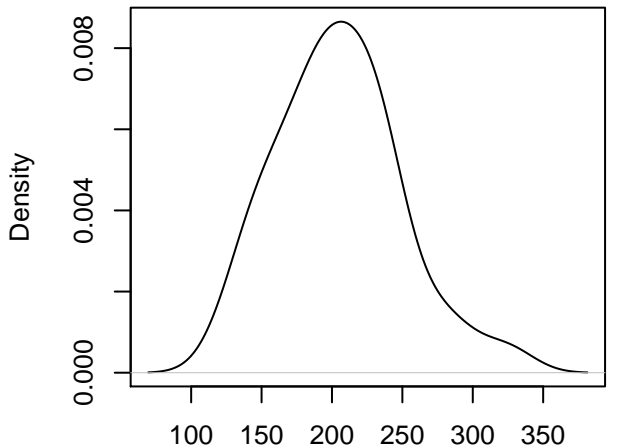
**Bp = 1111 line = MAGIC.183 , Chr = 3**



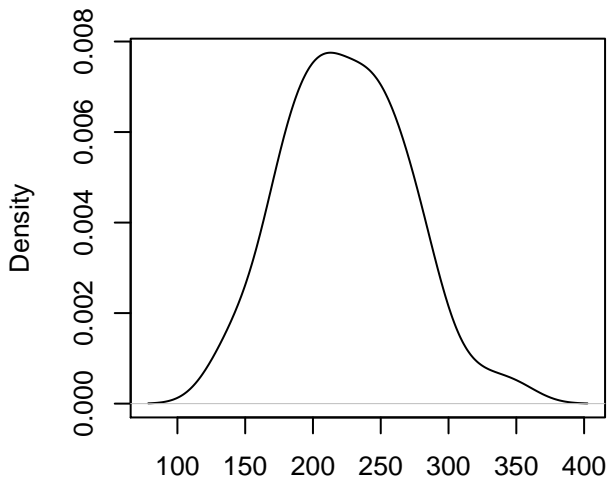
**Bp = 1112 line = MAGIC.183 , Chr = 3**



**Bp = 1113 line = MAGIC.183 , Chr = 3**

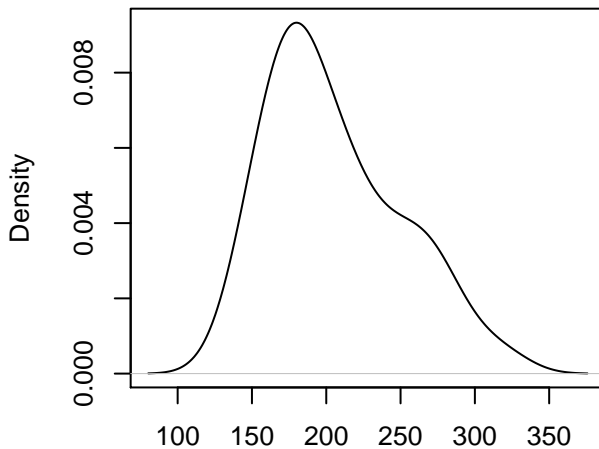


**Bp = 1114 line = MAGIC.183 , Chr = 3**



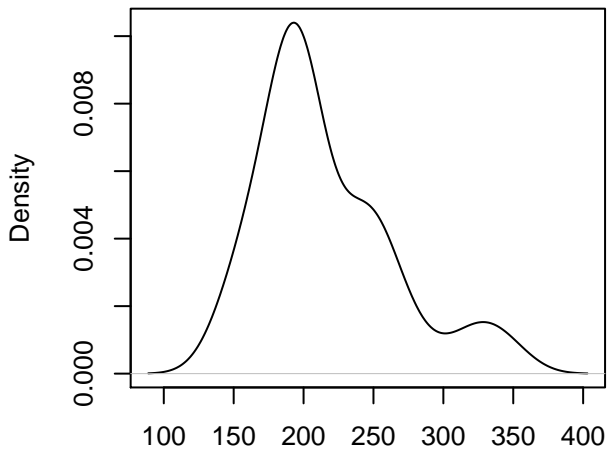
Insert size, N =56  
breakpoint: 22978365 – 22978568 hi-0 sf-2

**Bp = 1115 line = MAGIC.183 , Chr = 3**



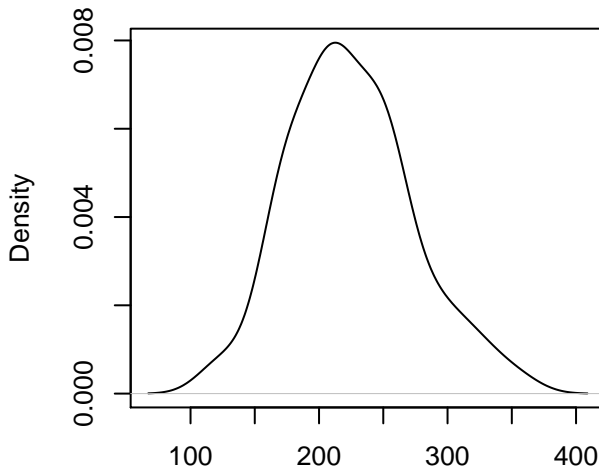
Insert size, N =55  
breakpoint: 23067586 – 23067598 sf-2 ler-0

**Bp = 1116 line = MAGIC.183 , Chr = 3**



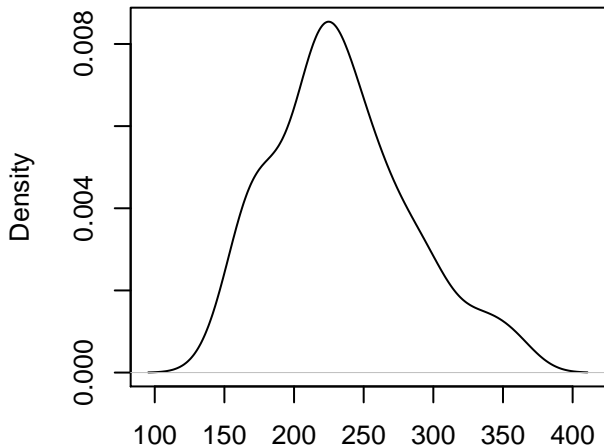
Insert size, N =44  
breakpoint: 23170244 – 23170265 ler-0 no-0

**Bp = 1117 line = MAGIC.183 , Chr = 3**



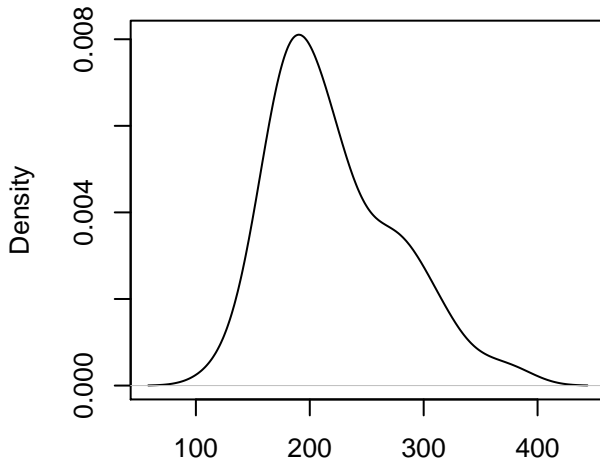
Insert size, N =61  
breakpoint: 23228724 – 23229215 no-0 hi-0

**Bp = 1118 line = MAGIC.183 , Chr = 4**



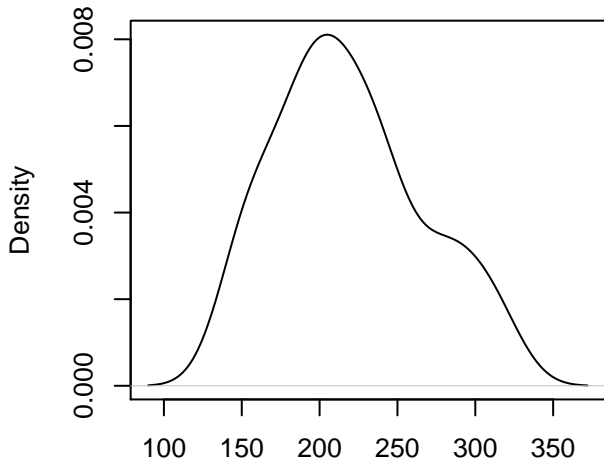
Insert size, N =84  
breakpoint: 144124 – 144173 rsch-4 hi-0

**Bp = 1119 line = MAGIC.183 , Chr = 4**



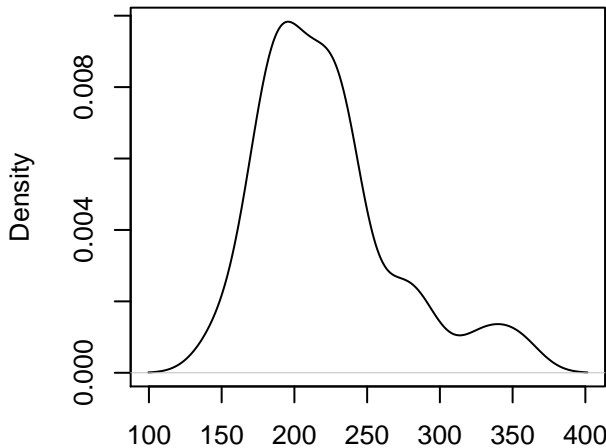
Insert size, N =60  
breakpoint: 148680 – 148691 hi-0 no-0

**Bp = 1120 line = MAGIC.183 , Chr = 4**



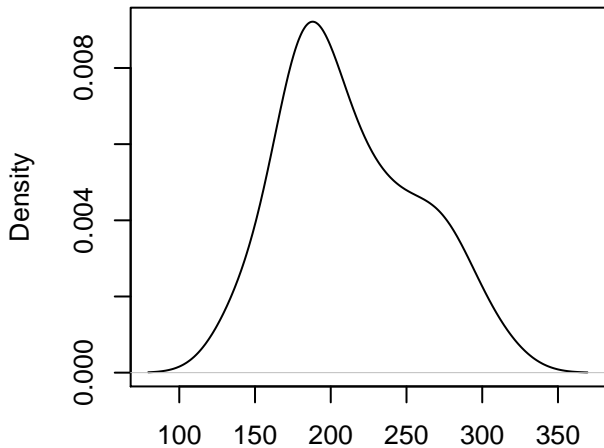
Insert size, N =64  
breakpoint: 155569 – 155605 no-0 wu-0

**Bp = 1121 line = MAGIC.183 , Chr = 4**



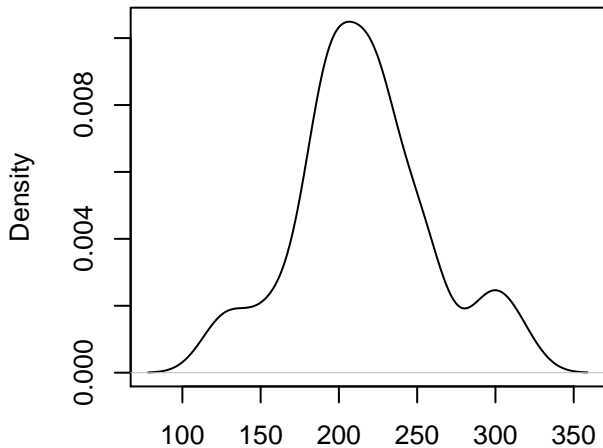
Insert size, N =27  
breakpoint: 177535 – 177567 wu-0 tsu-0

**Bp = 1122 line = MAGIC.183 , Chr = 4**



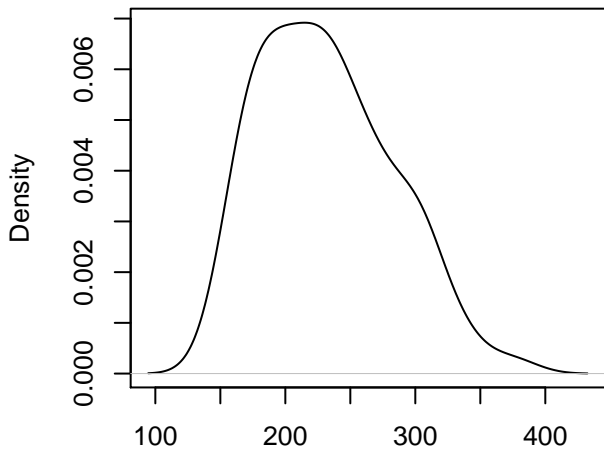
Insert size, N =39  
breakpoint: 192607 – 192624 tsu-0 col-0

**Bp = 1123 line = MAGIC.183 , Chr = 4**



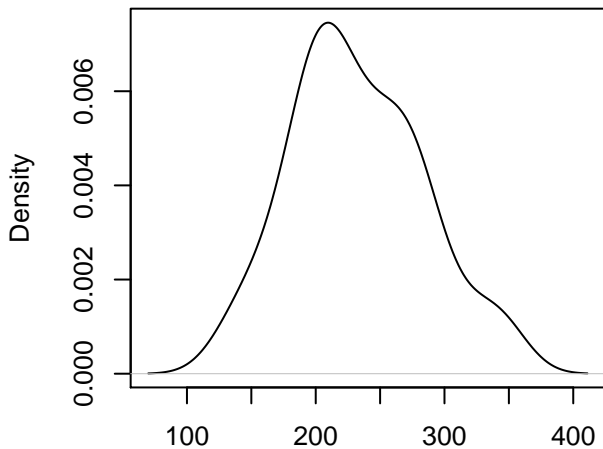
Insert size, N =48  
breakpoint: 222388 – 222830 col-0 zu-0

**Bp = 1124 line = MAGIC.183 , Chr = 4**



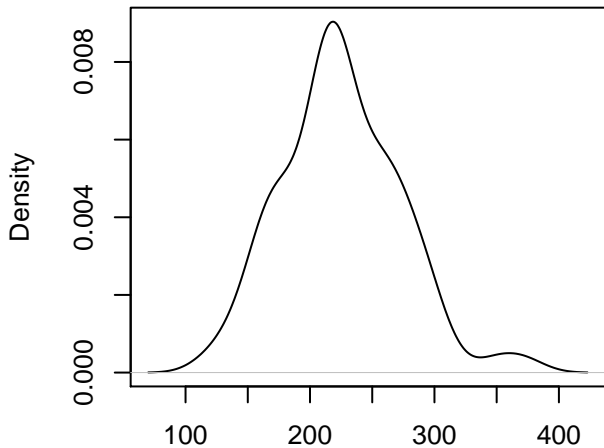
Insert size, N =76  
breakpoint: 239275 – 239290 zu-0 rsch-4

**Bp = 1125 line = MAGIC.183 , Chr = 4**



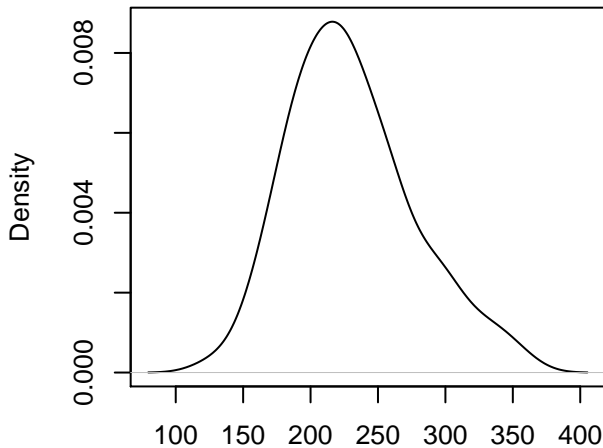
Insert size, N =46  
breakpoint: 274019 – 274139 rsch-4 col-0

**Bp = 1126 line = MAGIC.183 , Chr = 4**



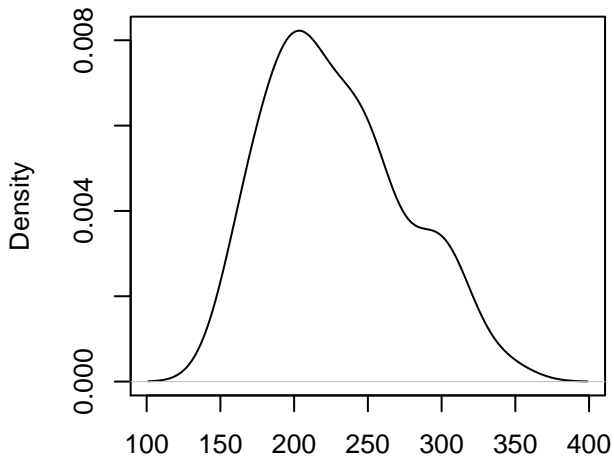
Insert size, N =75  
breakpoint: 286319 – 286377 col-0 kn-0

**Bp = 1127 line = MAGIC.183 , Chr = 4**



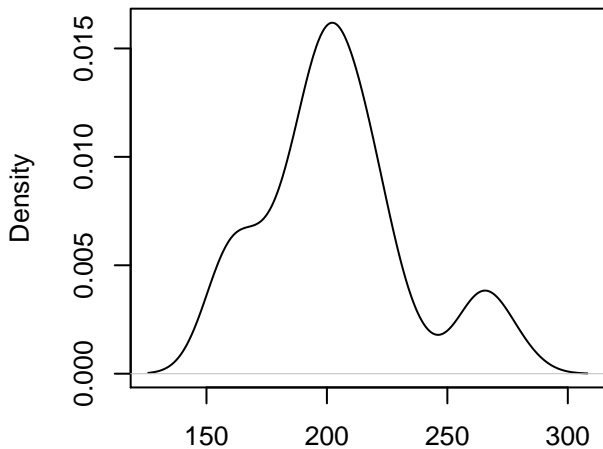
Insert size, N =88  
breakpoint: 288365 – 288449 kn-0 zu-0

**Bp = 1128 line = MAGIC.183 , Chr = 4**



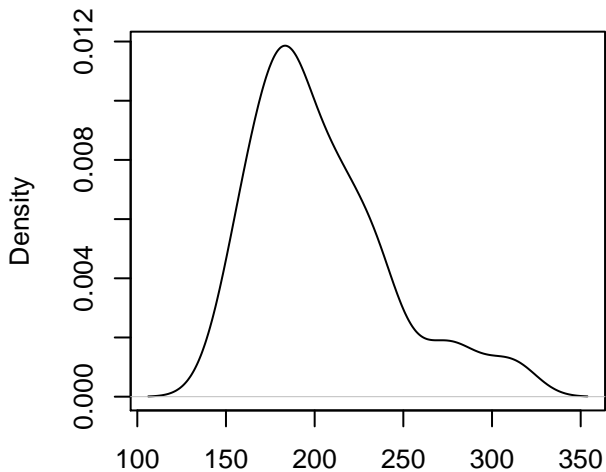
Insert size, N =70  
breakpoint: 303969 – 303972 zu-0 ws-0

**Bp = 1129 line = MAGIC.183 , Chr = 4**

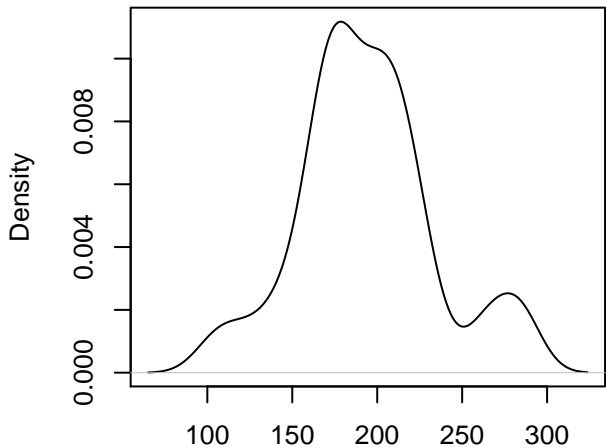


Insert size, N =35  
breakpoint: 368188 – 368267 ws-0 ct-1

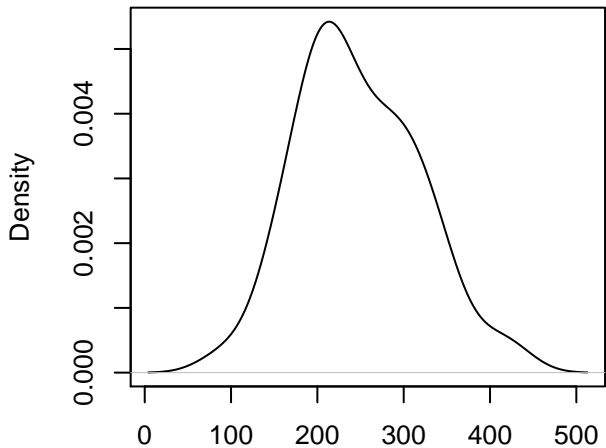
**Bp = 1130 line = MAGIC.183 , Chr = 4**



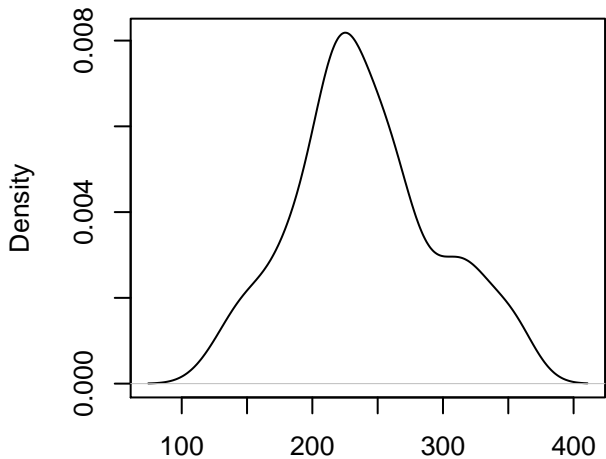
**Bp = 1131 line = MAGIC.183 , Chr = 4**



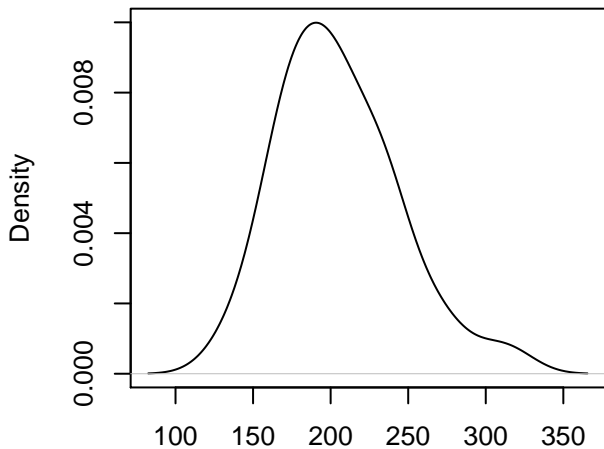
**Bp = 1132 line = MAGIC.183 , Chr = 4**



**Bp = 1133 line = MAGIC.183 , Chr = 4**

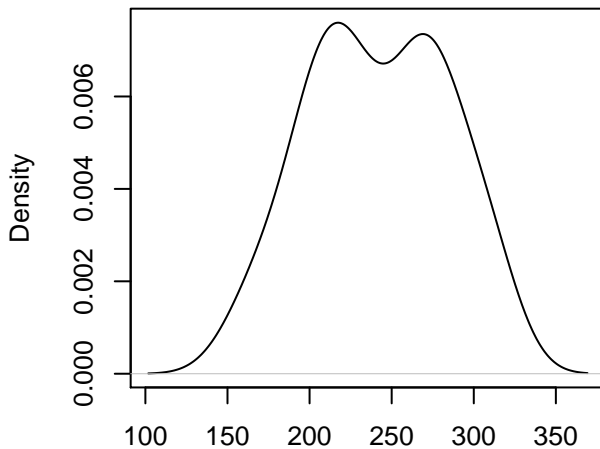


**Bp = 1134 line = MAGIC.183 , Chr = 4**



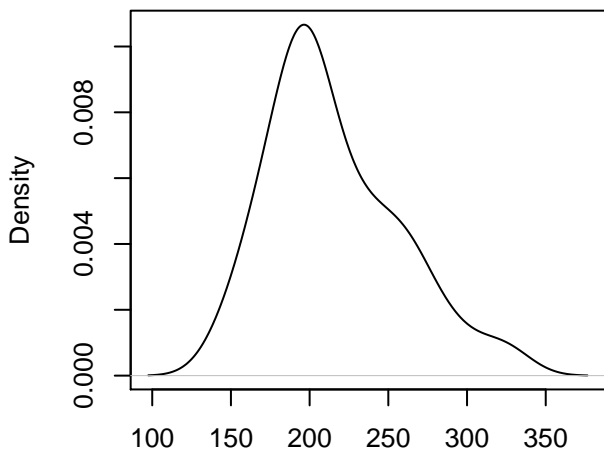
Insert size, N =29  
breakpoint: 463911 – 463941 zu-0 wil-2

**Bp = 1135 line = MAGIC.183 , Chr = 4**



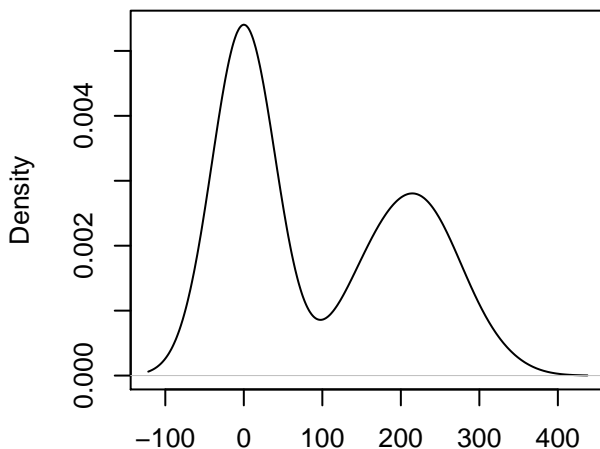
Insert size, N =42  
breakpoint: 473611 – 473616 wil-2 bur-0

**Bp = 1136 line = MAGIC.183 , Chr = 4**



Insert size, N =54  
breakpoint: 487923 – 487929 bur-0 edi-0

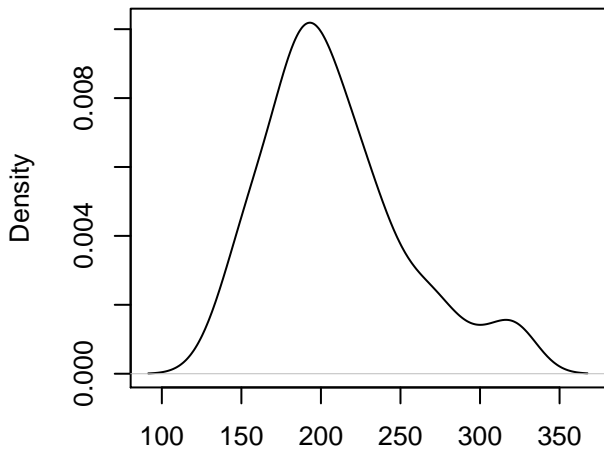
**Bp = 1137 line = MAGIC.183 , Chr = 4**



Insert size, N =91  
breakpoint: 513360 – 513361 edi-0 sf-2

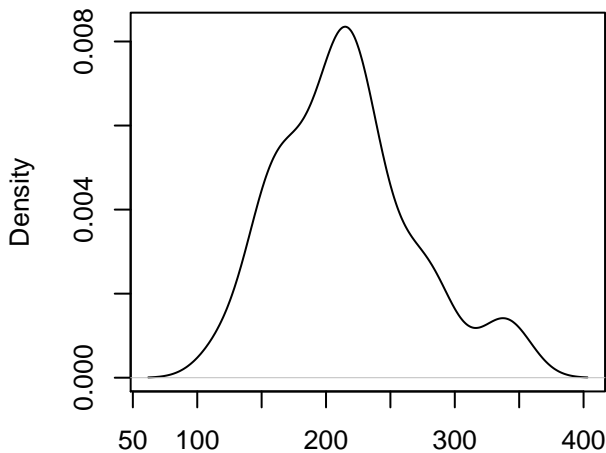


**Bp = 1138 line = MAGIC.183 , Chr = 4**



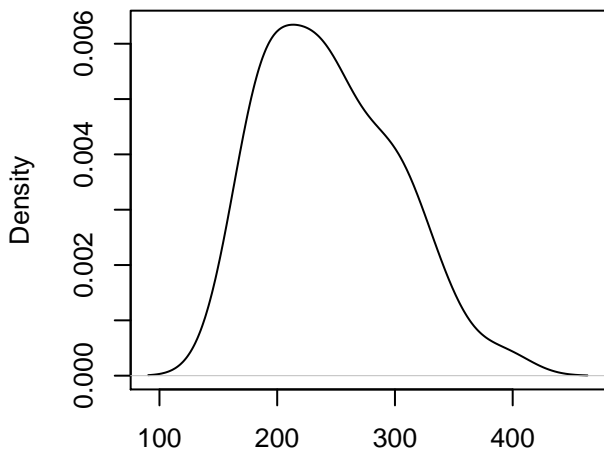
Insert size, N =39  
breakpoint: 524431 – 524434 sf-2 bur-0

**Bp = 1139 line = MAGIC.183 , Chr = 4**



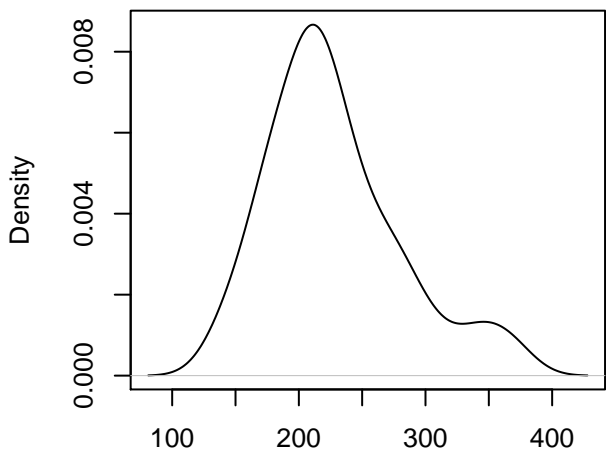
Insert size, N =59  
breakpoint: 544038 – 544367 bur-0 zu-0

**Bp = 1140 line = MAGIC.183 , Chr = 4**



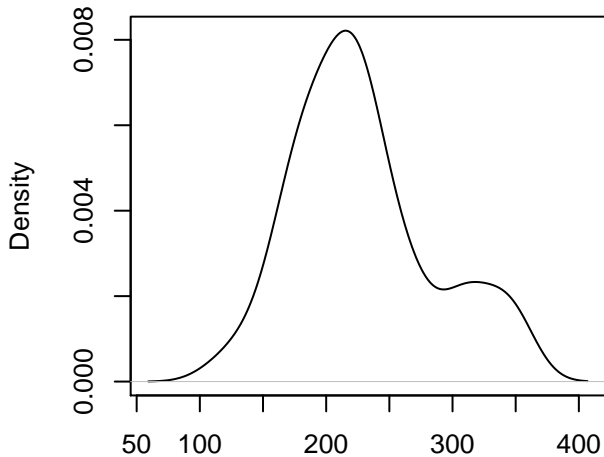
Insert size, N =41  
breakpoint: 746584 – 746592 zu-0 sf-2

**Bp = 1141 line = MAGIC.183 , Chr = 4**



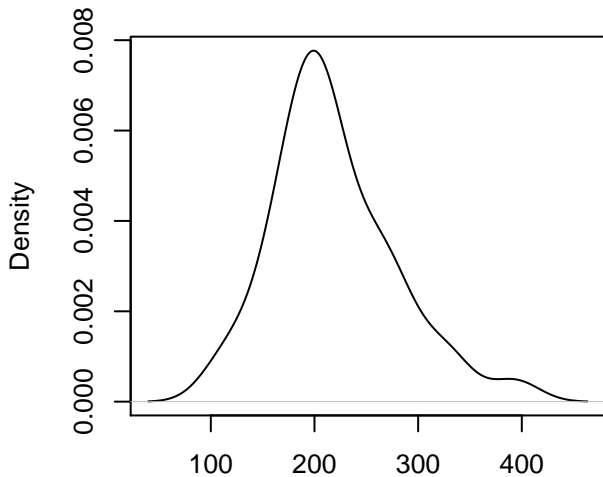
Insert size, N =51  
breakpoint: 776491 – 776513 sf-2 ws-0

**Bp = 1142 line = MAGIC.183 , Chr = 4**



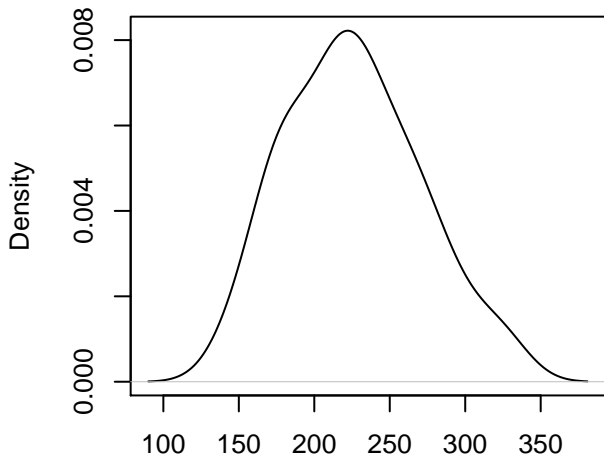
Insert size, N =71  
breakpoint: 798094 – 798162 ws-0 col-0

**Bp = 1143 line = MAGIC.183 , Chr = 4**



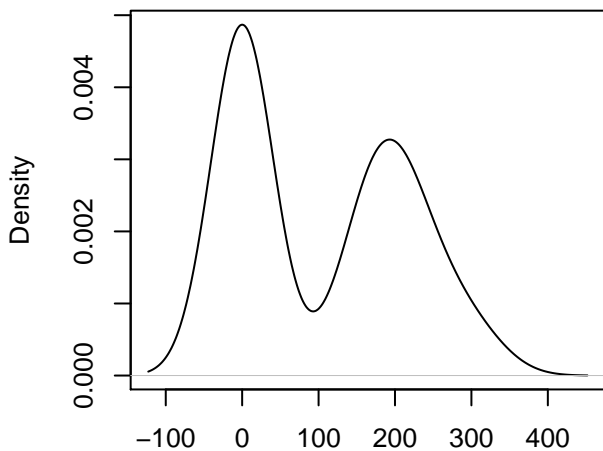
Insert size, N =36  
breakpoint: 860861 – 860880 col-0 oy-0

**Bp = 1144 line = MAGIC.183 , Chr = 4**



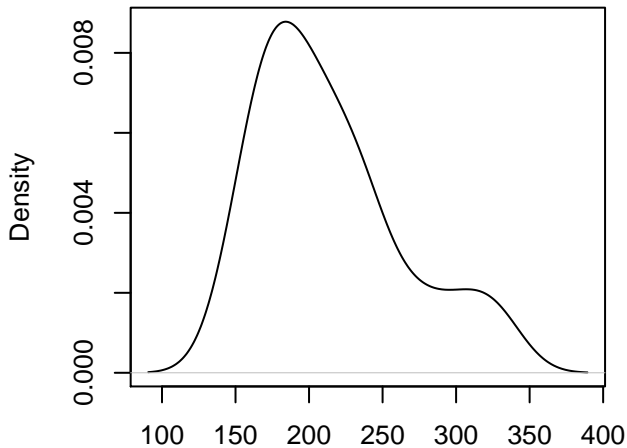
Insert size, N =49  
breakpoint: 878819 – 879308 oy-0 rsch-4

**Bp = 1145 line = MAGIC.183 , Chr = 4**

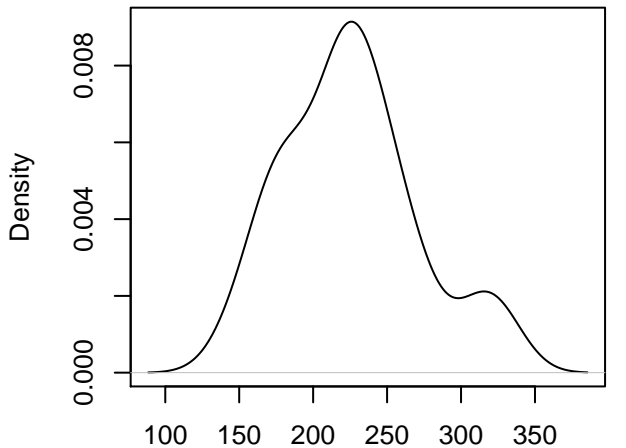


Insert size, N =82  
breakpoint: 1117511 – 1117518 rsch-4 oy-0

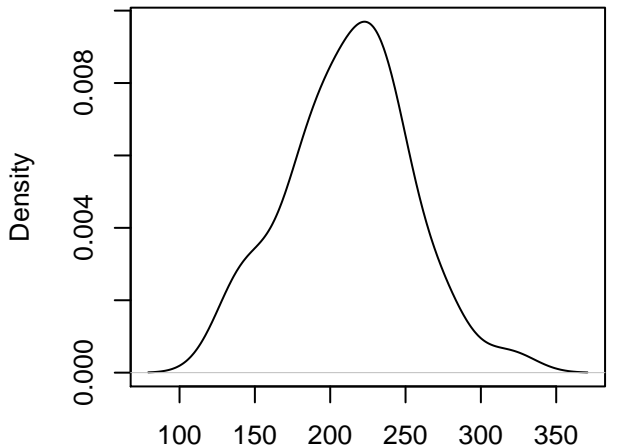
**Bp = 1146 line = MAGIC.183 , Chr = 4**



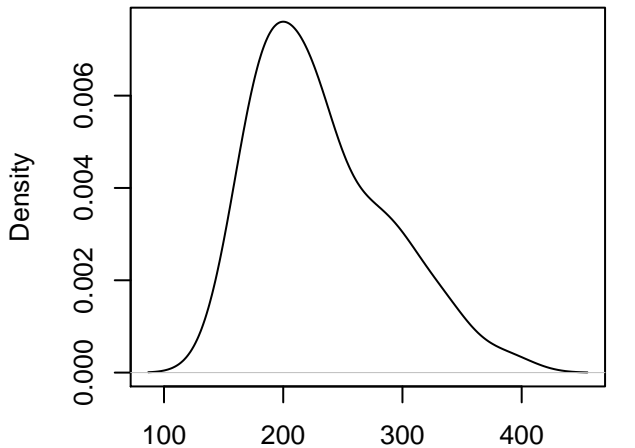
**Bp = 1147 line = MAGIC.183 , Chr = 4**



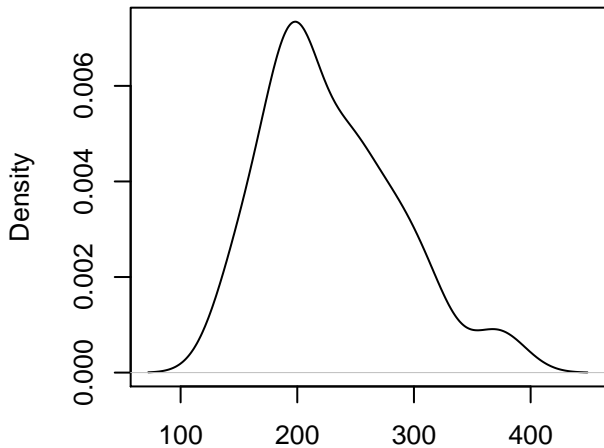
**Bp = 1148 line = MAGIC.183 , Chr = 4**



**Bp = 1149 line = MAGIC.183 , Chr = 4**

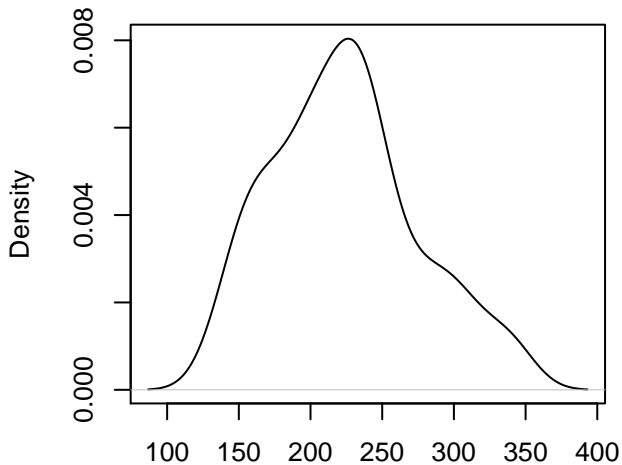


**Bp = 1150 line = MAGIC.183 , Chr = 4**



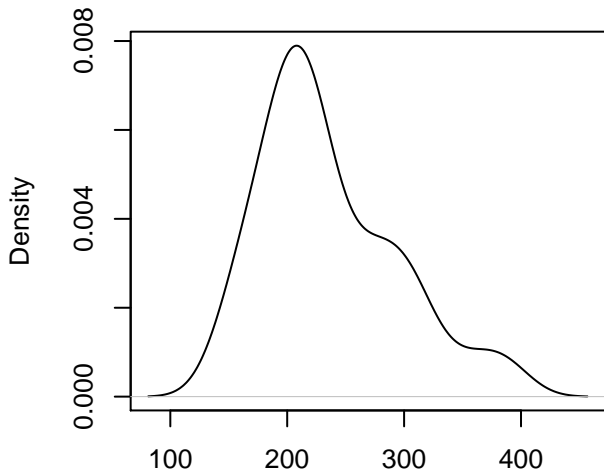
Insert size, N =60  
breakpoint: 1571788 – 1571794 can-0 po-0

**Bp = 1151 line = MAGIC.183 , Chr = 4**



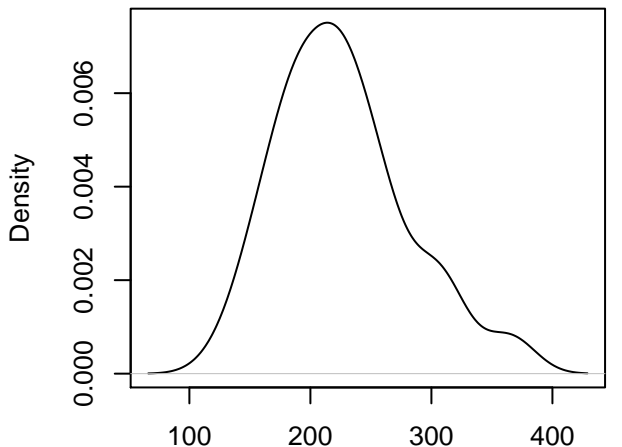
Insert size, N =44  
breakpoint: 1625419 – 1625436 po-0 zu-0

**Bp = 1152 line = MAGIC.183 , Chr = 4**



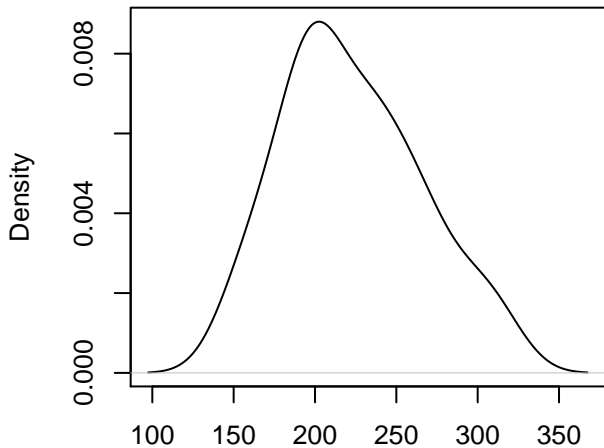
Insert size, N =74  
breakpoint: 1763861 – 1765951 zu-0 ct-1

**Bp = 1153 line = MAGIC.183 , Chr = 4**



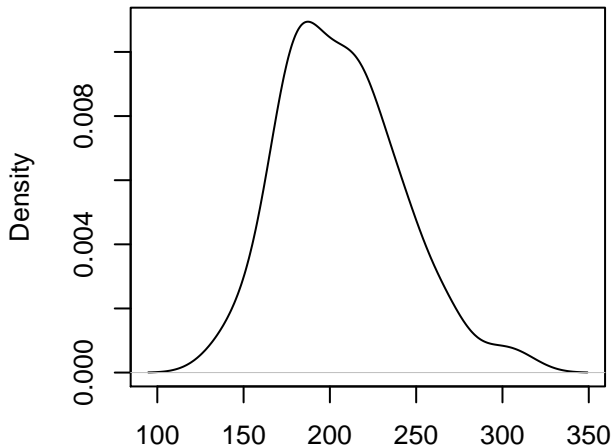
Insert size, N =49  
breakpoint: 1783306 – 1783331 ct-1 bur-0

**Bp = 1154 line = MAGIC.183 , Chr = 4**



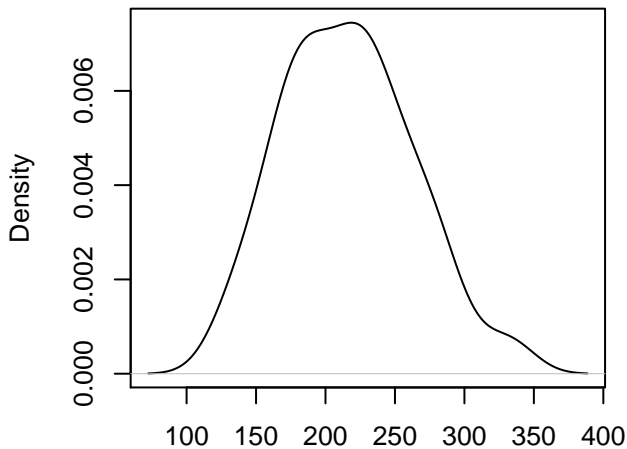
Insert size, N =46  
breakpoint: 1873911 – 1873961 bur-0 ws-0

**Bp = 1155 line = MAGIC.183 , Chr = 4**



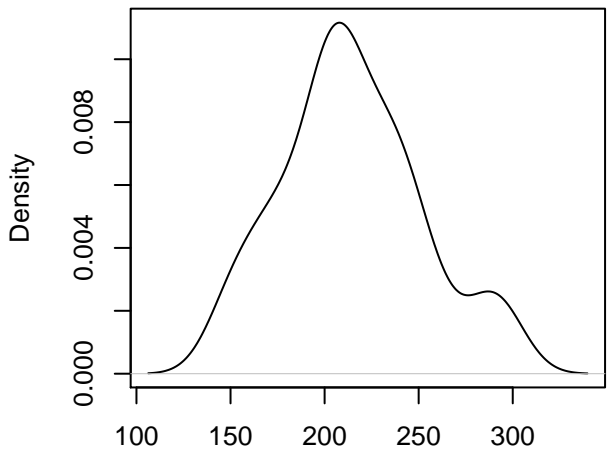
Insert size, N =68  
breakpoint: 1888733 – 1888736 ws-0 hi-0

**Bp = 1156 line = MAGIC.183 , Chr = 4**



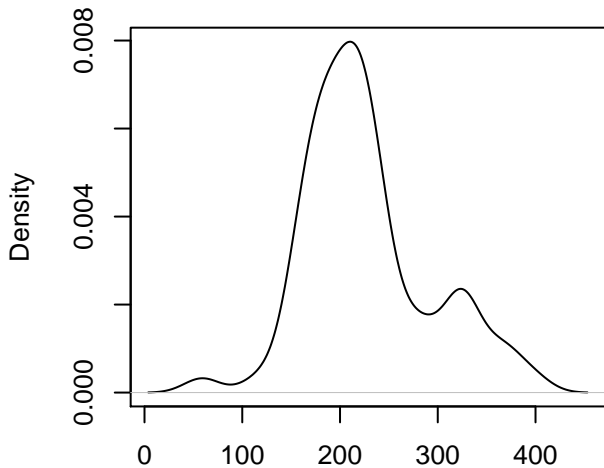
Insert size, N =61  
breakpoint: 1965653 – 1965726 hi-0 edi-0

**Bp = 1157 line = MAGIC.183 , Chr = 4**



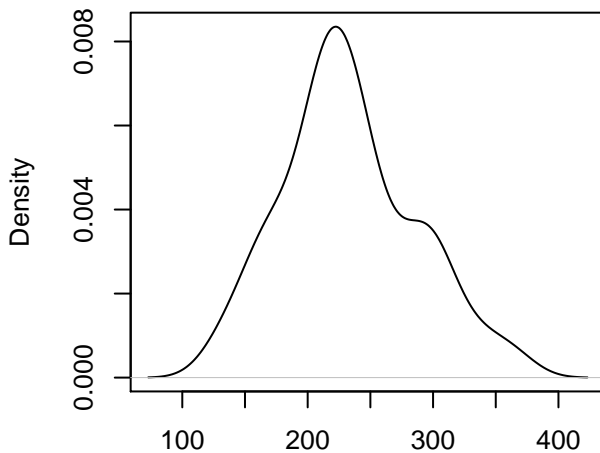
Insert size, N =54  
breakpoint: 1975332 – 1975380 edi-0 po-0

**Bp = 1158 line = MAGIC.183 , Chr = 4**



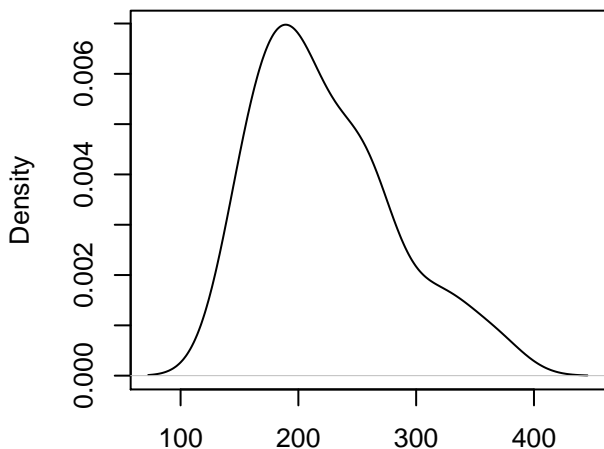
Insert size, N =67  
breakpoint: 2013490 – 2013531 po-0 no-0

**Bp = 1159 line = MAGIC.183 , Chr = 4**



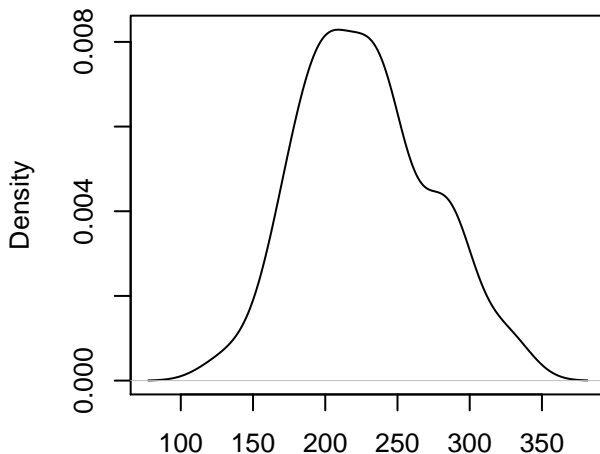
Insert size, N =69  
breakpoint: 2033882 – 2033958 no-0 ws-0

**Bp = 1160 line = MAGIC.183 , Chr = 4**



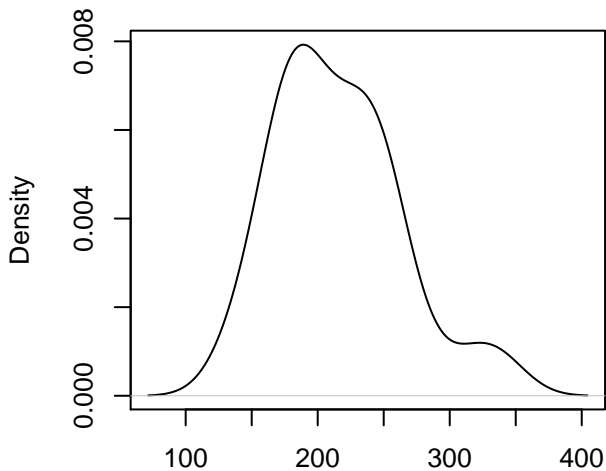
Insert size, N =48  
breakpoint: 2056686 – 2056708 ws-0 wu-0

**Bp = 1161 line = MAGIC.183 , Chr = 4**



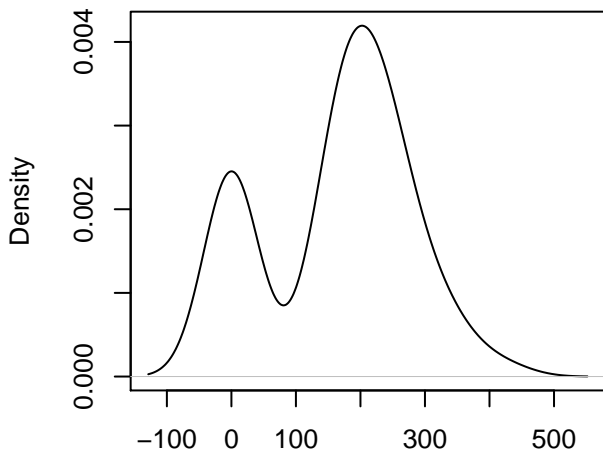
Insert size, N =71  
breakpoint: 2210331 – 2210601 wu-0 wil-2

**Bp = 1162 line = MAGIC.183 , Chr = 4**



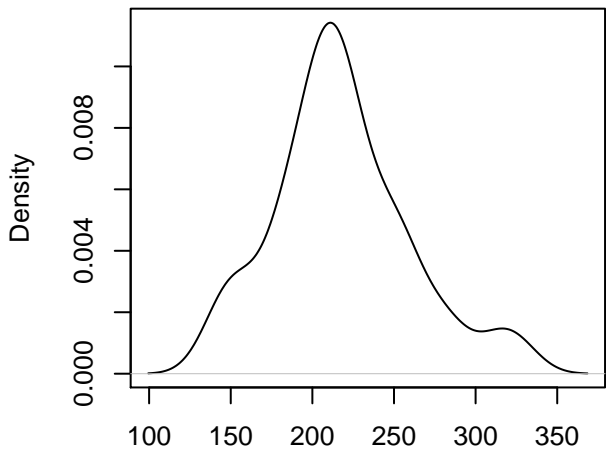
Insert size, N =29  
breakpoint: 2289508 – 2289550 wil-2 oy-0

**Bp = 1163 line = MAGIC.183 , Chr = 4**



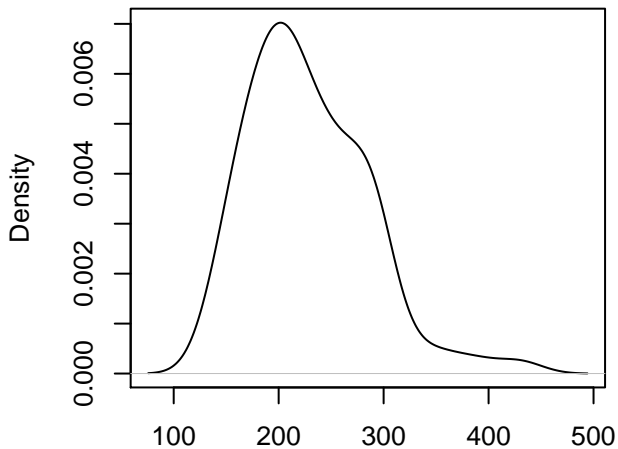
Insert size, N =72  
breakpoint: 2342504 – 2342513 oy-0 sf-2

**Bp = 1164 line = MAGIC.183 , Chr = 4**



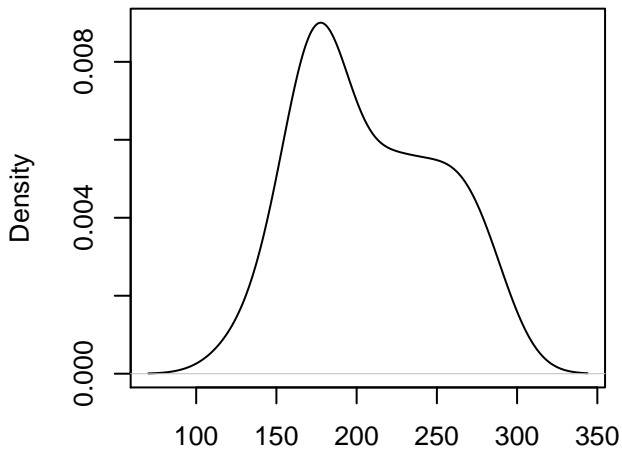
Insert size, N =36  
breakpoint: 2377728 – 2377784 sf-2 mt-0

**Bp = 1165 line = MAGIC.183 , Chr = 4**



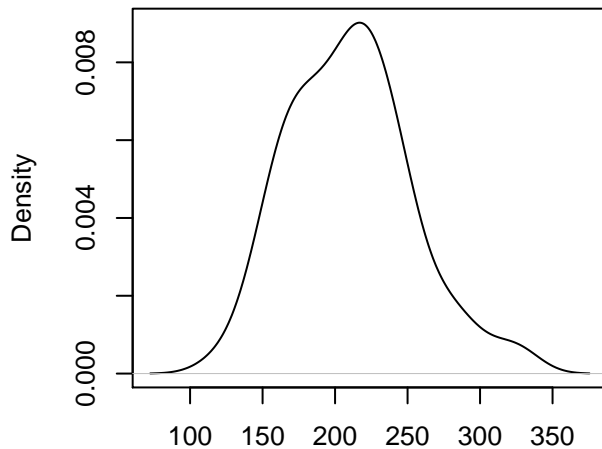
Insert size, N =79  
breakpoint: 2389956 – 2390018 mt-0 bur-0

**Bp = 1166 line = MAGIC.183 , Chr = 4**



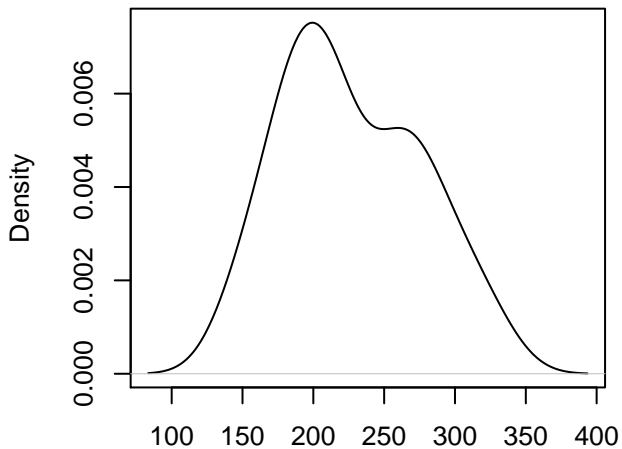
Insert size, N =33  
breakpoint: 2430142 – 2430149 bur-0 ws-0

**Bp = 1167 line = MAGIC.183 , Chr = 4**



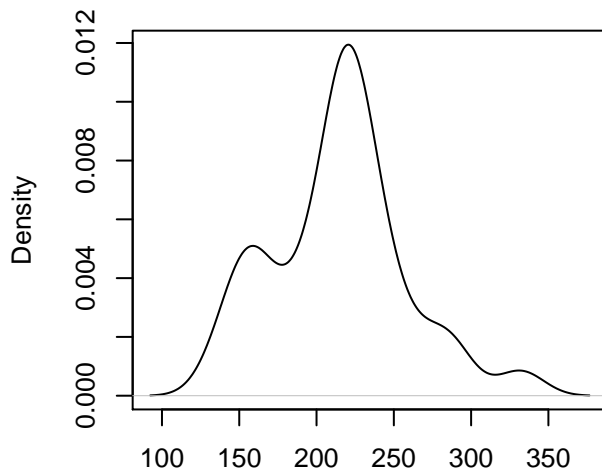
Insert size, N =72  
breakpoint: 2440867 – 2440951 ws-0 po-0

**Bp = 1168 line = MAGIC.183 , Chr = 4**



Insert size, N =37  
breakpoint: 2486678 – 2486679 po-0 edi-0

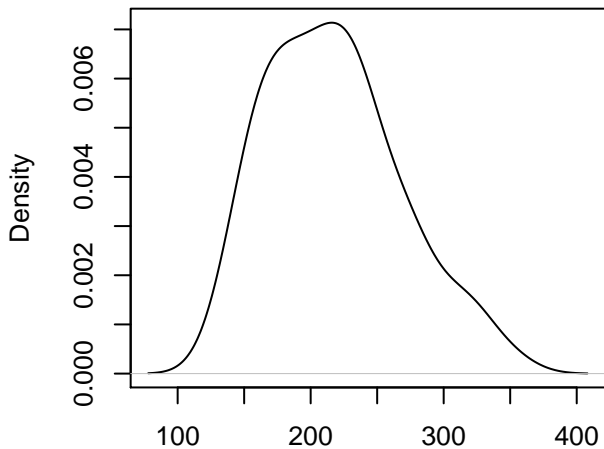
**Bp = 1169 line = MAGIC.183 , Chr = 4**



Insert size, N =32  
breakpoint: 2508896 – 2508908 edi-0 oy-0

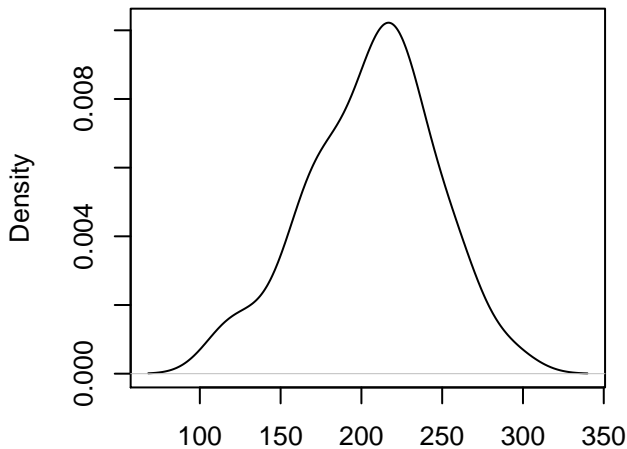


**Bp = 1170 line = MAGIC.183 , Chr = 4**



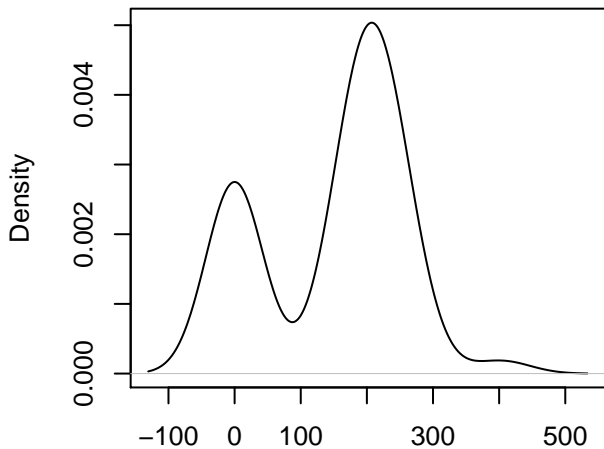
Insert size, N =69  
breakpoint: 2523919 – 2524055 oy-0 tsu-0

**Bp = 1171 line = MAGIC.183 , Chr = 4**



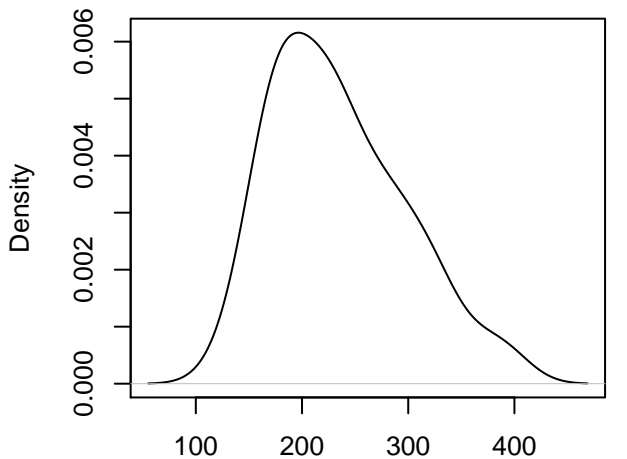
Insert size, N =37  
breakpoint: 2568847 – 2568859 tsu-0 can-0

**Bp = 1172 line = MAGIC.183 , Chr = 4**



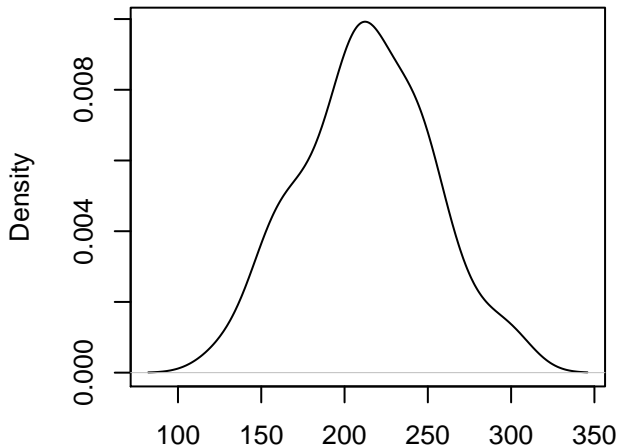
Insert size, N =50  
breakpoint: 2586668 – 2586692 can-0 no-0

**Bp = 1173 line = MAGIC.183 , Chr = 4**



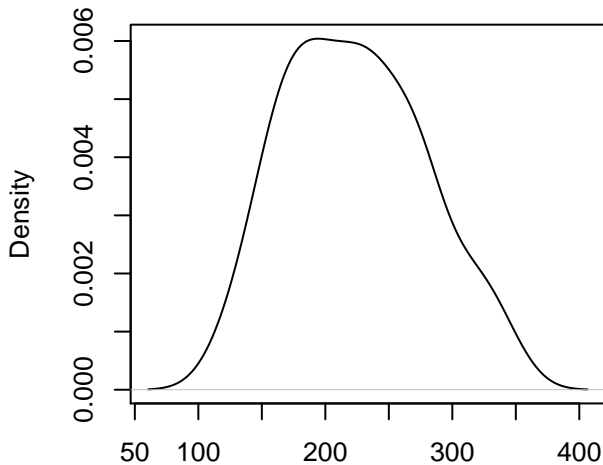
Insert size, N =48  
breakpoint: 2618779 – 2618825 no-0 ler-0

**Bp = 1174 line = MAGIC.183 , Chr = 4**



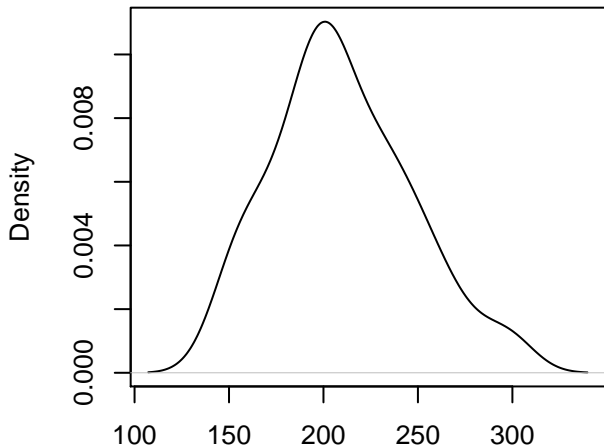
Insert size, N =44  
breakpoint: 2628767 – 2628782 ler-0 zu-0

**Bp = 1175 line = MAGIC.183 , Chr = 4**



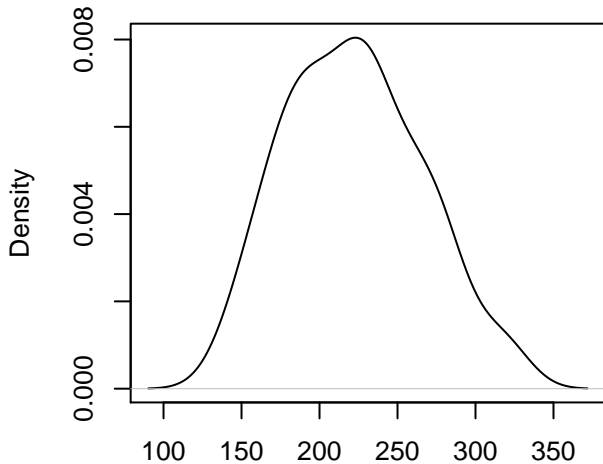
Insert size, N =64  
breakpoint: 2819005 – 2819033 zu-0 bur-0

**Bp = 1176 line = MAGIC.183 , Chr = 4**



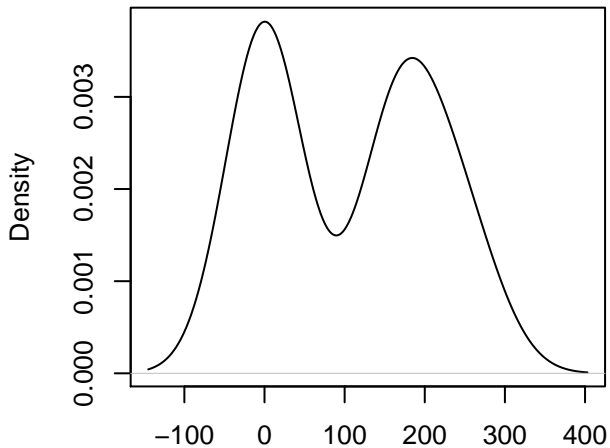
Insert size, N =51  
breakpoint: 3661359 – 3661393 bur-0 rsch-4

**Bp = 1177 line = MAGIC.183 , Chr = 4**



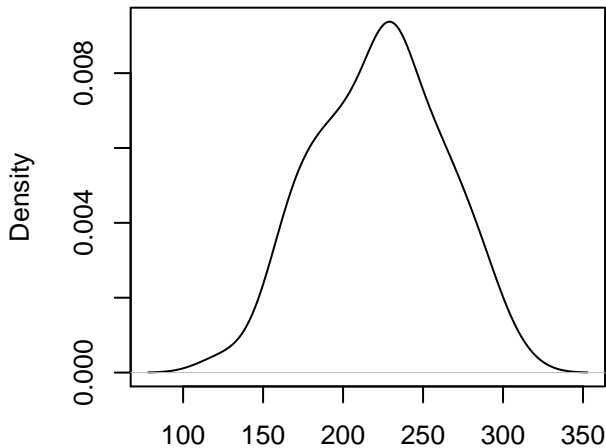
Insert size, N =65  
breakpoint: 4201828 – 4201835 rsch-4 wil-2

**Bp = 1178 line = MAGIC.183 , Chr = 4**



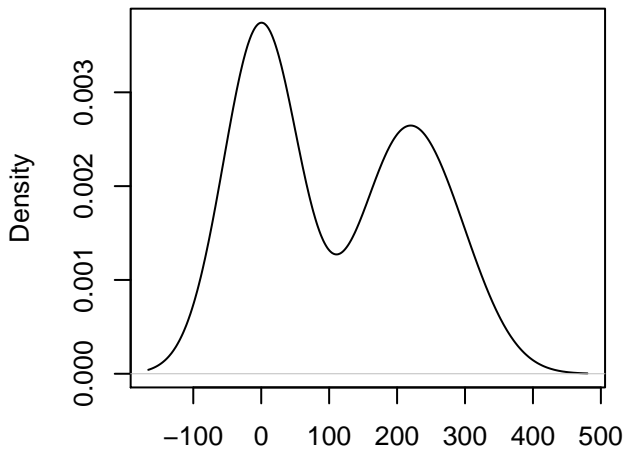
Insert size, N =26  
breakpoint: 4220375 – 4220402 wil-2 rsch-4

**Bp = 1179 line = MAGIC.183 , Chr = 4**



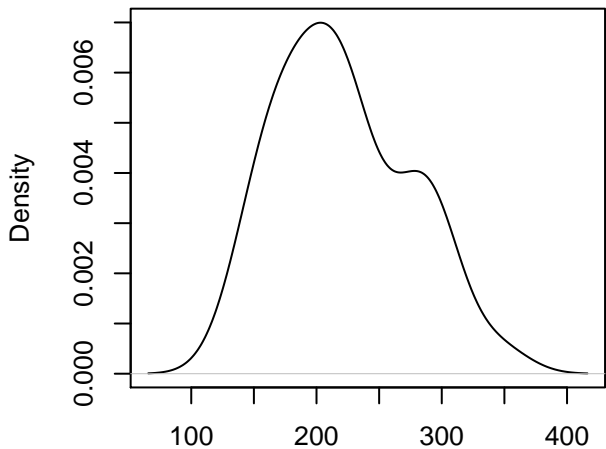
Insert size, N =68  
breakpoint: 4258407 – 4258425 rsch-4 wil-2

**Bp = 1180 line = MAGIC.183 , Chr = 4**



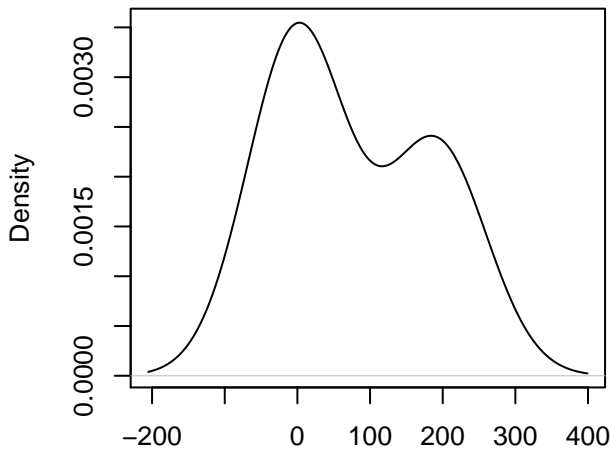
Insert size, N =27  
breakpoint: 4452713 – 4452768 wil-2 can-0

**Bp = 1181 line = MAGIC.183 , Chr = 4**

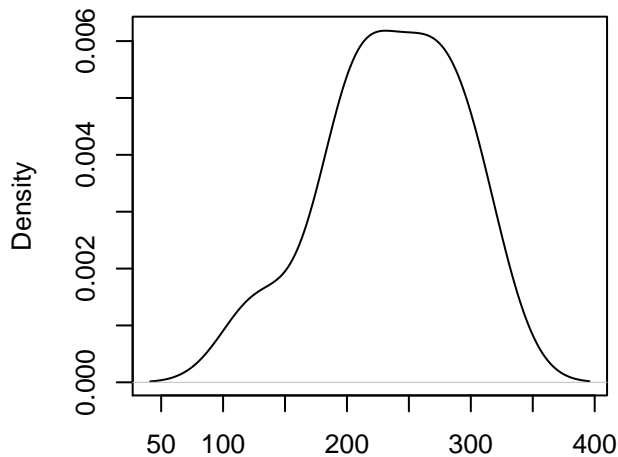


Insert size, N =34  
breakpoint: 4503113 – 4503196 can-0 ler-0

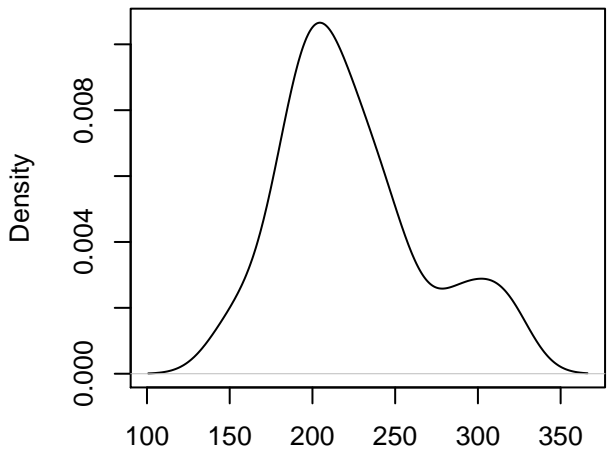
**Bp = 1182 line = MAGIC.183 , Chr = 4**



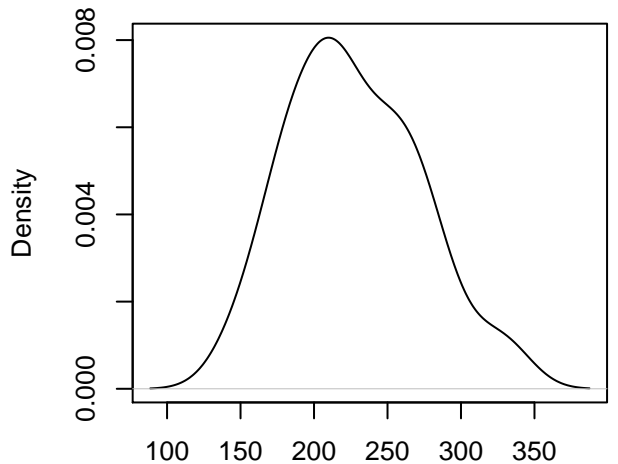
**Bp = 1183 line = MAGIC.183 , Chr = 4**



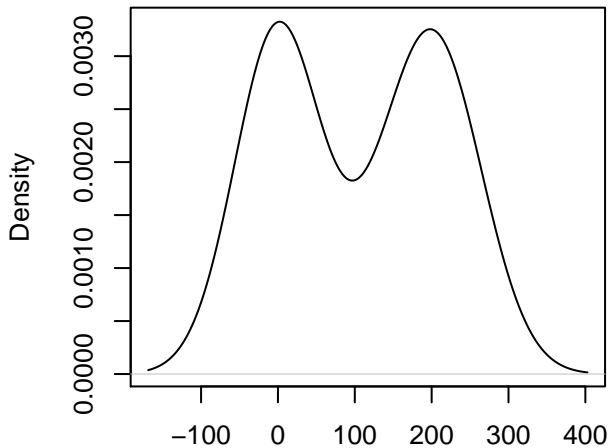
**Bp = 1184 line = MAGIC.183 , Chr = 4**



**Bp = 1185 line = MAGIC.183 , Chr = 4**

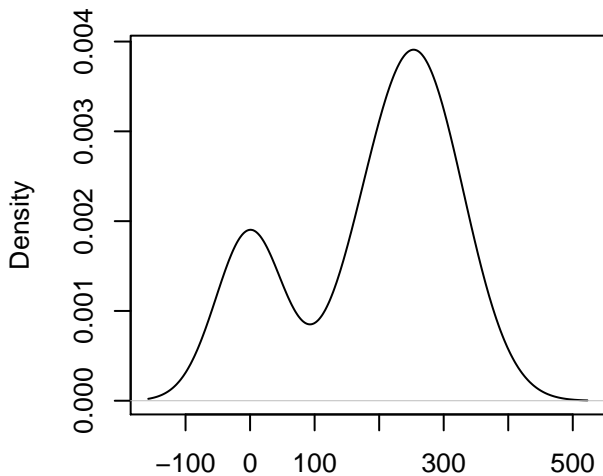


**Bp = 1186 line = MAGIC.183 , Chr = 4**



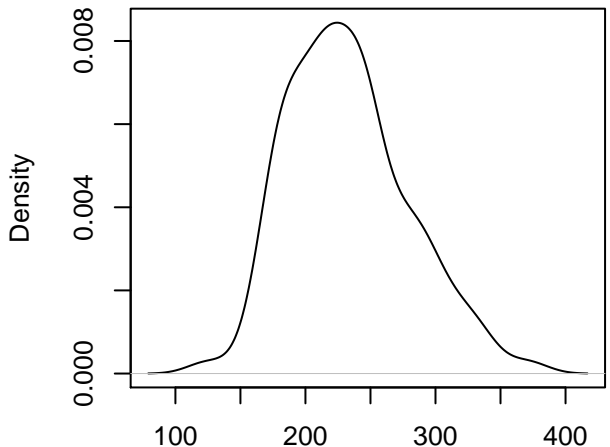
Insert size, N =13  
breakpoint: 4782419 – 4783692 wu-0 edi-0

**Bp = 1187 line = MAGIC.183 , Chr = 4**



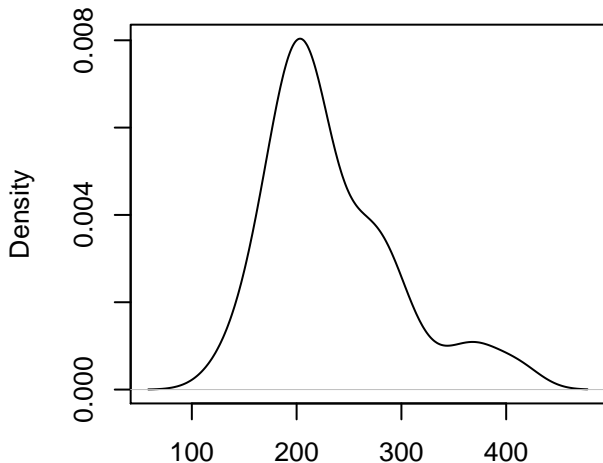
Insert size, N =28  
breakpoint: 4791831 – 4791854 edi-0 wil-2

**Bp = 1188 line = MAGIC.183 , Chr = 4**



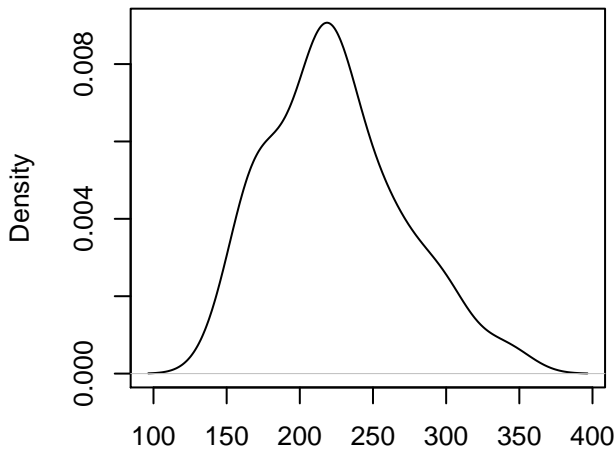
Insert size, N =94  
breakpoint: 4854400 – 4854408 wil-2 ct-1

**Bp = 1189 line = MAGIC.183 , Chr = 4**



Insert size, N =72  
breakpoint: 4953565 – 4953604 ct-1 po-0

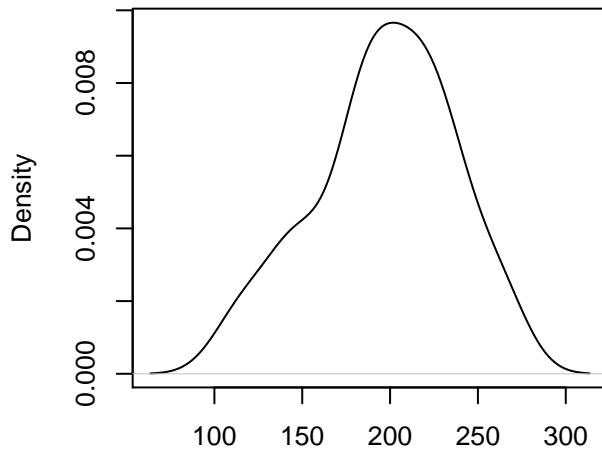
**Bp = 1190 line = MAGIC.183 , Chr = 4**



Insert size, N =65

breakpoint: 5122367 – 5122394 po-0 bur-0

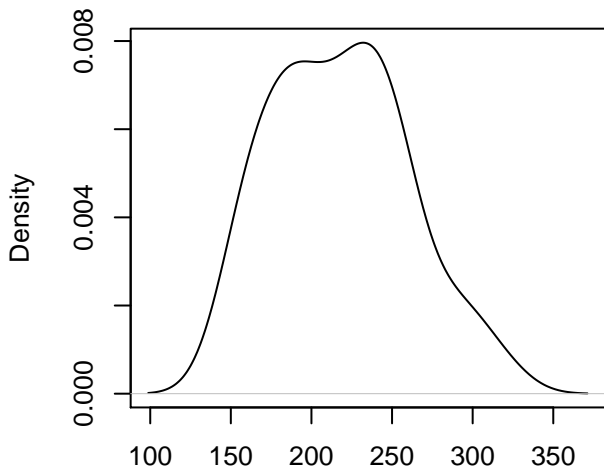
**Bp = 1191 line = MAGIC.183 , Chr = 4**



Insert size, N =35

breakpoint: 5169116 – 5169148 bur-0 rsch-4

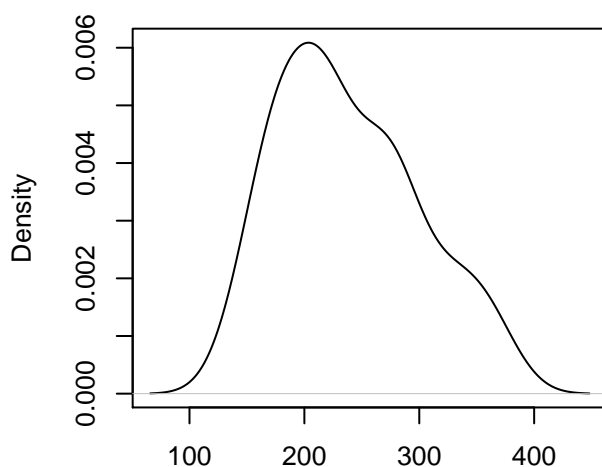
**Bp = 1192 line = MAGIC.183 , Chr = 4**



Insert size, N =44

breakpoint: 5189430 – 5189435 rsch-4 sf-2

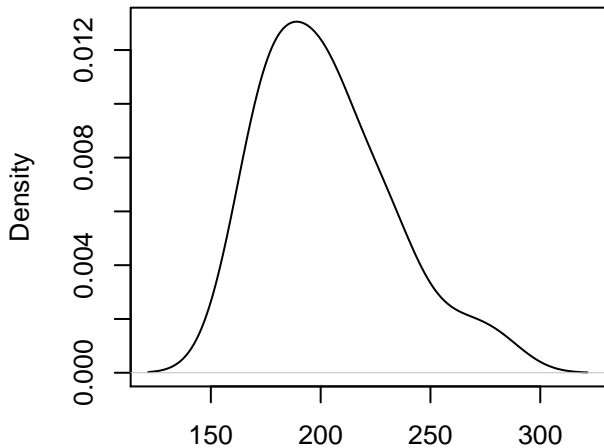
**Bp = 1193 line = MAGIC.183 , Chr = 4**



Insert size, N =58

breakpoint: 5211377 – 5211380 sf-2 po-0

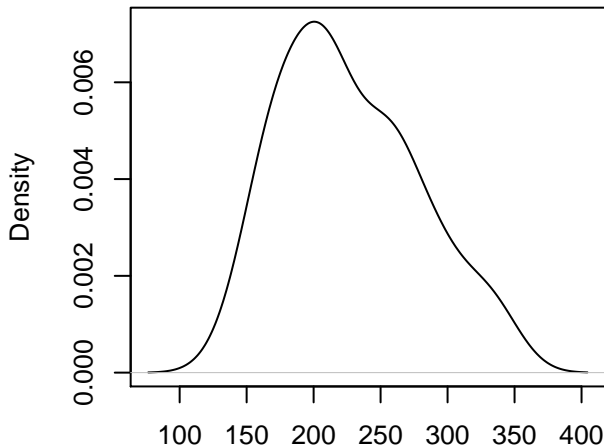
**Bp = 1194 line = MAGIC.183 , Chr = 4**



Insert size, N =27

breakpoint: 5257064 – 5257067 po-0 sf-2

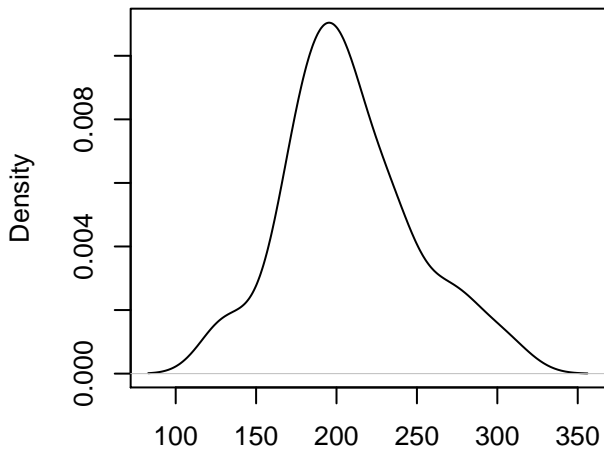
**Bp = 1195 line = MAGIC.183 , Chr = 4**



Insert size, N =59

breakpoint: 5270606 – 5270608 sf-2 ws-0

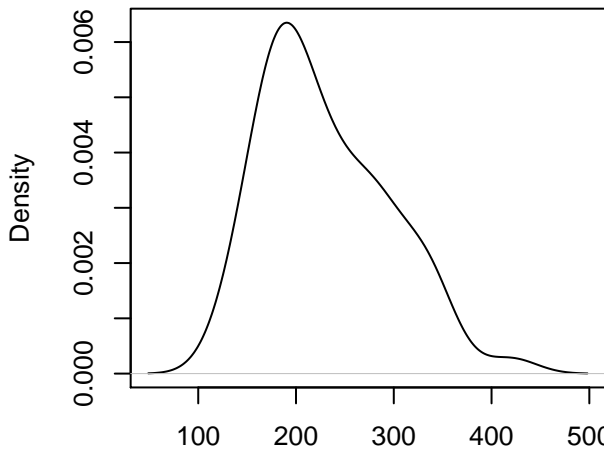
**Bp = 1196 line = MAGIC.183 , Chr = 4**



Insert size, N =50

breakpoint: 5313140 – 5313141 ws-0 po-0

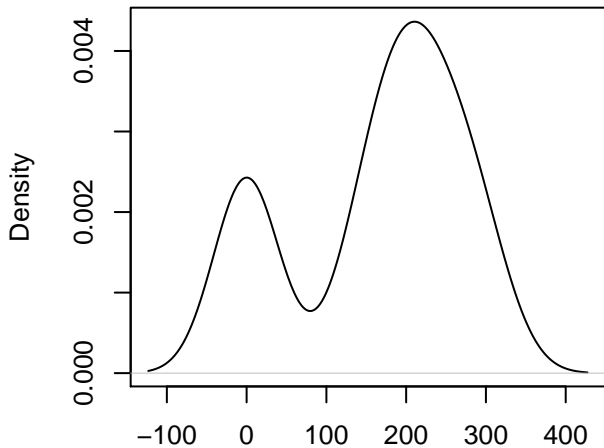
**Bp = 1197 line = MAGIC.183 , Chr = 4**



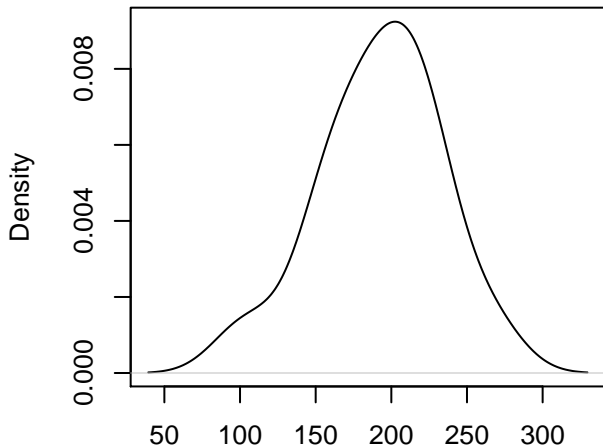
Insert size, N =56

breakpoint: 5375869 – 5375941 po-0 hi-0

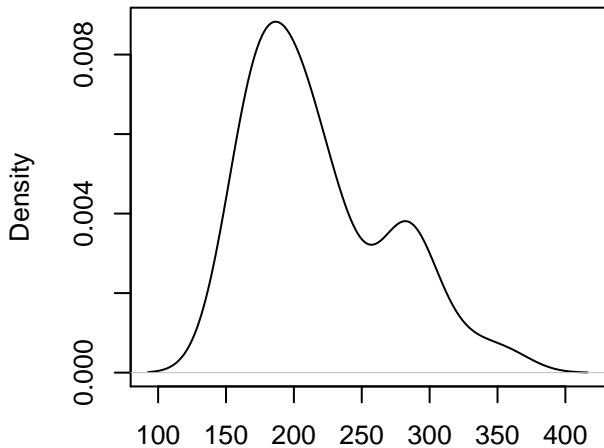
**Bp = 1198 line = MAGIC.183 , Chr = 4**



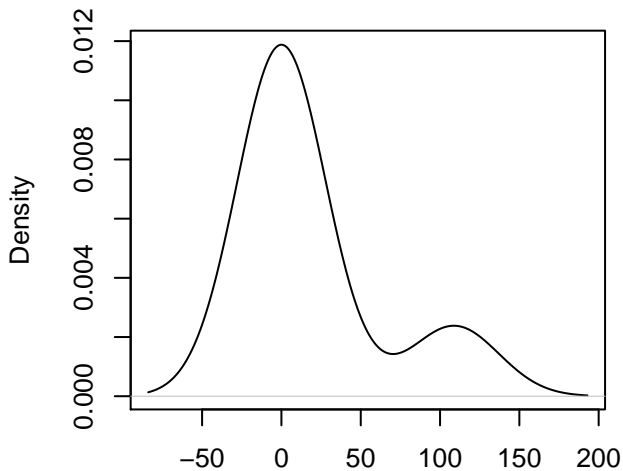
**Bp = 1199 line = MAGIC.183 , Chr = 4**



**Bp = 1200 line = MAGIC.183 , Chr = 4**

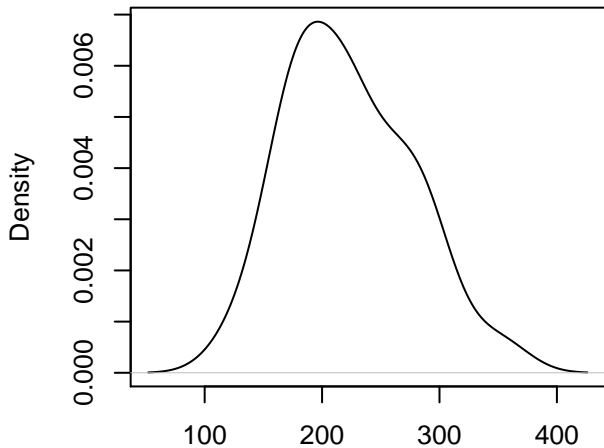


**Bp = 1201 line = MAGIC.183 , Chr = 4**



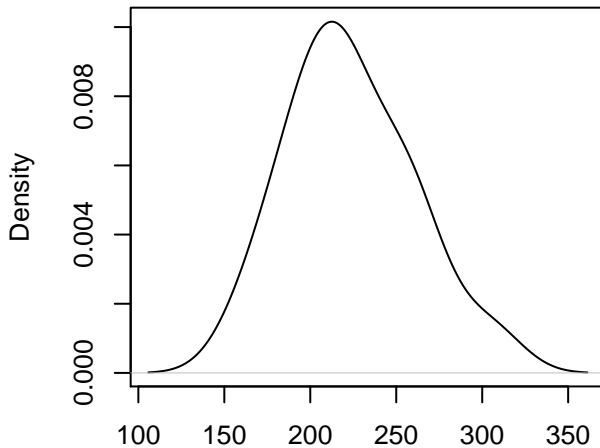


**Bp = 1202 line = MAGIC.183 , Chr = 4**



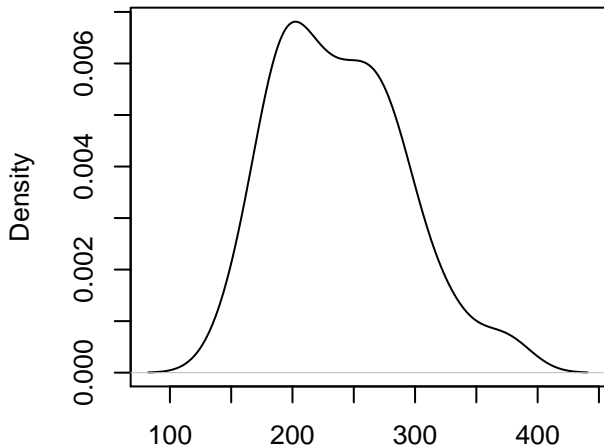
Insert size, N =26  
breakpoint: 5646034 – 5646065 po-0 zu-0

**Bp = 1203 line = MAGIC.183 , Chr = 4**



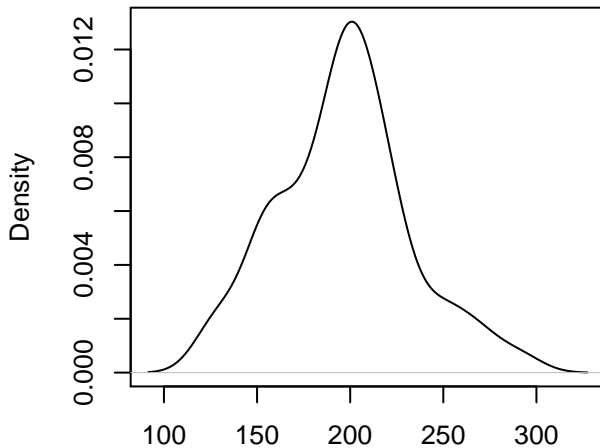
Insert size, N =17  
breakpoint: 5738382 – 5738383 zu-0 edi-0

**Bp = 1204 line = MAGIC.183 , Chr = 4**



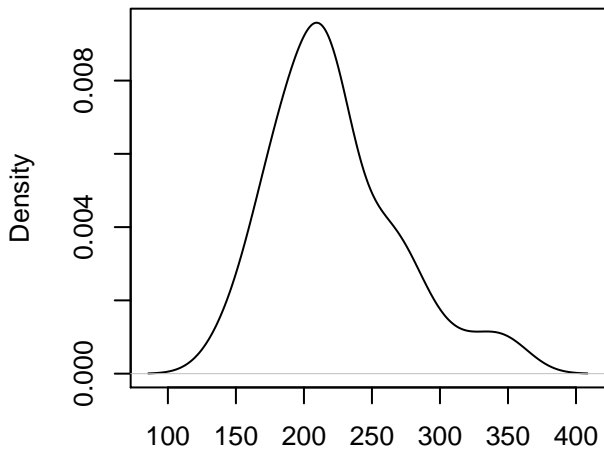
Insert size, N =56  
breakpoint: 5768969 – 5769700 edi-0 bur-0

**Bp = 1205 line = MAGIC.183 , Chr = 4**



Insert size, N =53  
breakpoint: 5800458 – 5800459 bur-0 po-0

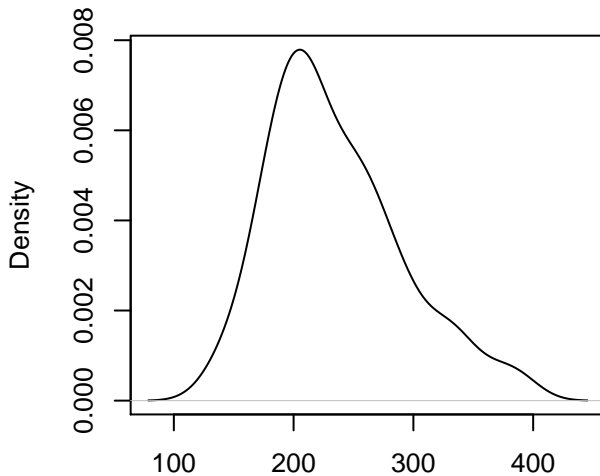
**Bp = 1206 line = MAGIC.183 , Chr = 4**



Insert size, N =46

breakpoint: 5835091 – 5835100 po-0 ct-1

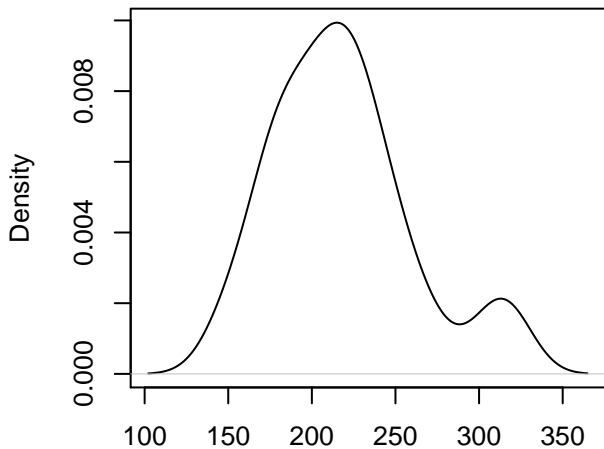
**Bp = 1207 line = MAGIC.183 , Chr = 4**



Insert size, N =74

breakpoint: 5841967 – 5841984 ct-1 bur-0

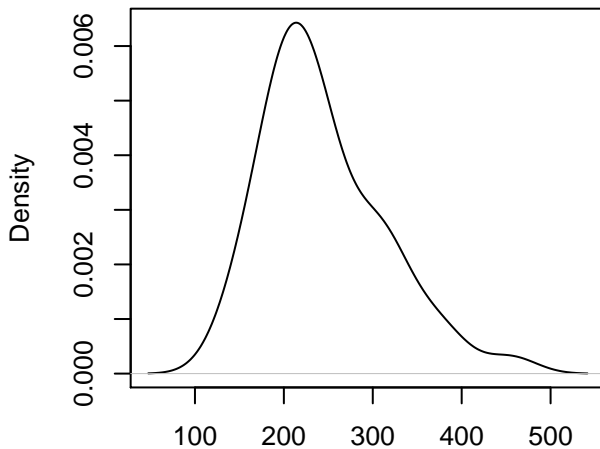
**Bp = 1208 line = MAGIC.183 , Chr = 4**



Insert size, N =56

breakpoint: 5986002 – 5986030 bur-0 zu-0

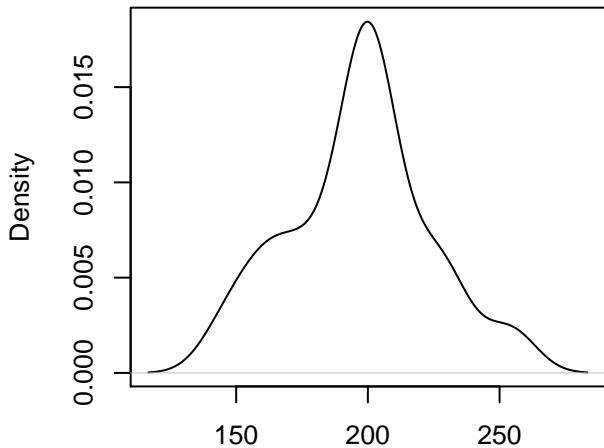
**Bp = 1209 line = MAGIC.183 , Chr = 4**



Insert size, N =45

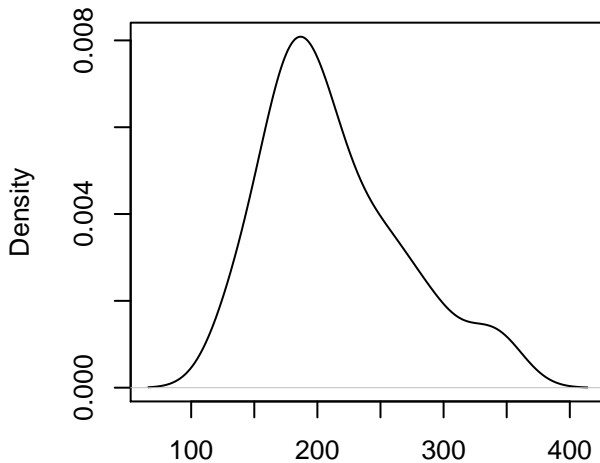
breakpoint: 6030139 – 6030145 zu-0 ct-1

**Bp = 1210 line = MAGIC.183 , Chr = 4**



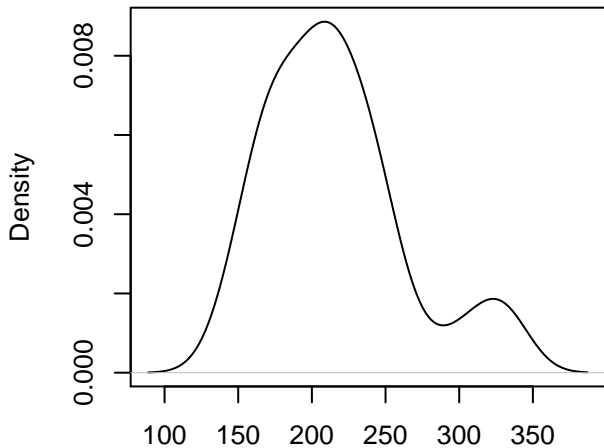
Insert size, N =18  
breakpoint: 6110057 – 6110094 ct-1 oy-0

**Bp = 1211 line = MAGIC.183 , Chr = 4**



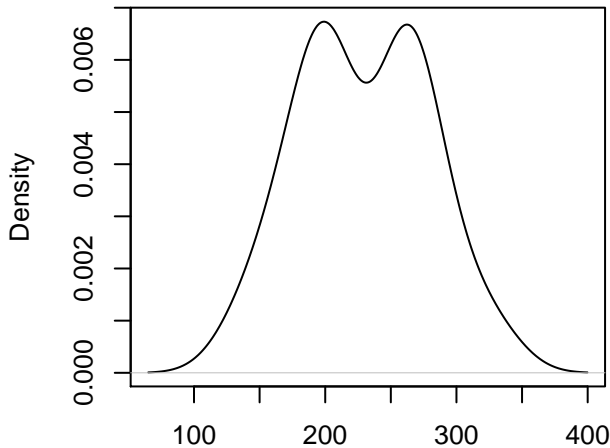
Insert size, N =68  
breakpoint: 6150629 – 6150664 oy-0 ct-1

**Bp = 1212 line = MAGIC.183 , Chr = 4**



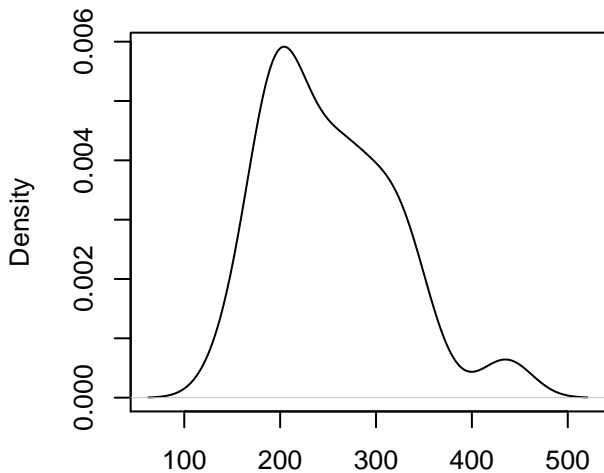
Insert size, N =62  
breakpoint: 6163599 – 6163698 ct-1 sf-2

**Bp = 1213 line = MAGIC.183 , Chr = 4**

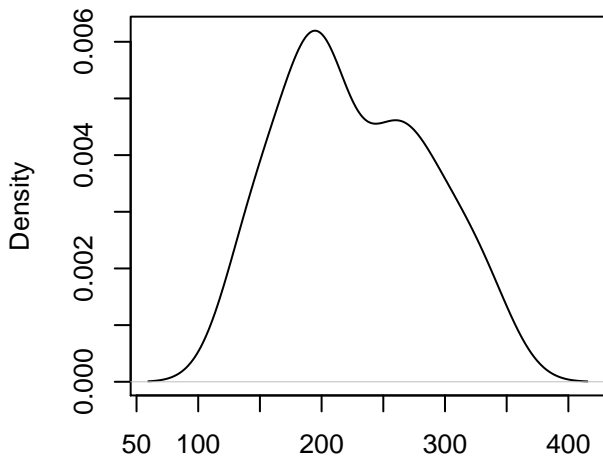


Insert size, N =27  
breakpoint: 6216529 – 6216548 sf-2 no-0

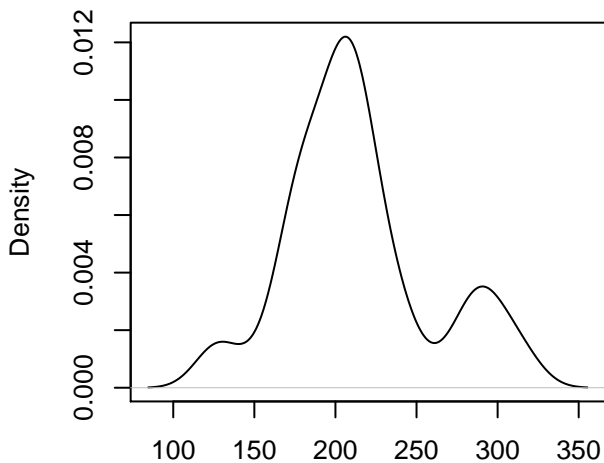
**Bp = 1214 line = MAGIC.183 , Chr = 4**



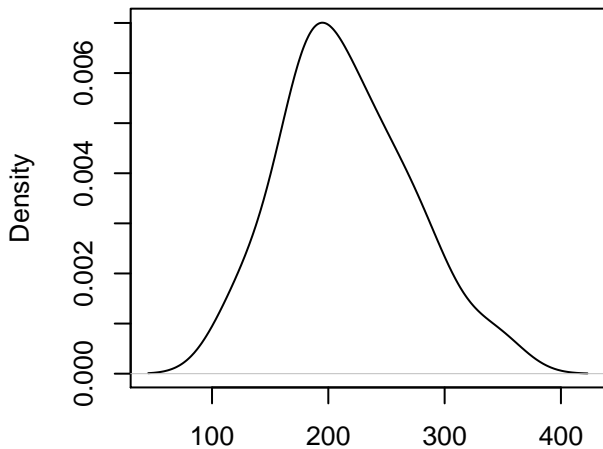
**Bp = 1215 line = MAGIC.183 , Chr = 4**



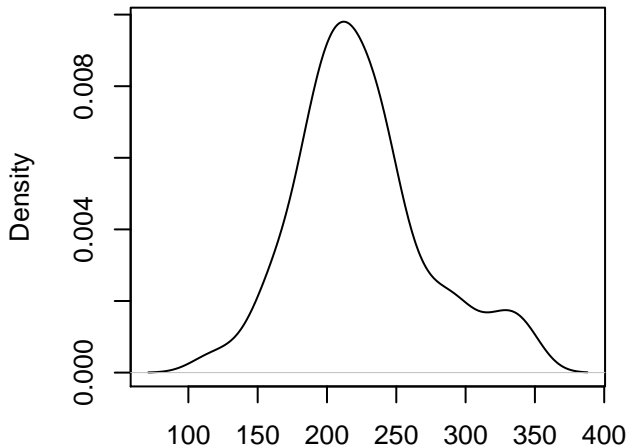
**Bp = 1216 line = MAGIC.183 , Chr = 4**



**Bp = 1217 line = MAGIC.183 , Chr = 4**



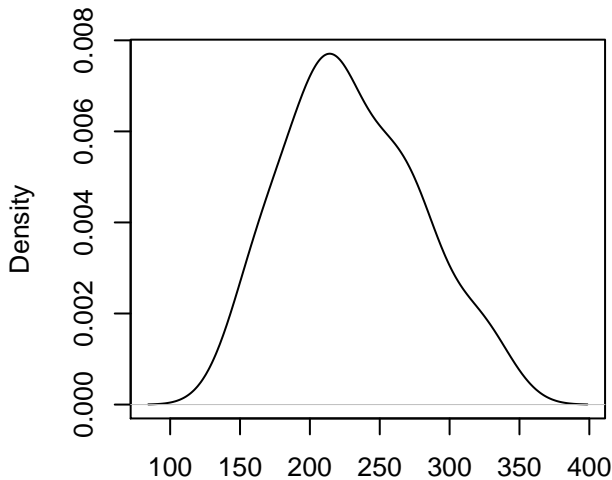
**Bp = 1218 line = MAGIC.183 , Chr = 4**



Insert size, N =64

breakpoint: 6329694 – 6338766 sf-2 rsch-4

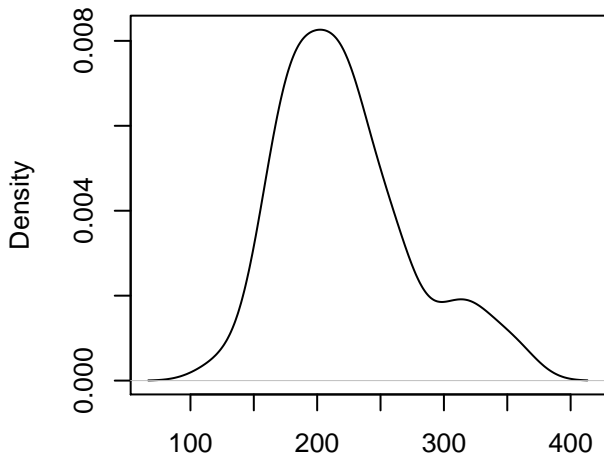
**Bp = 1219 line = MAGIC.183 , Chr = 4**



Insert size, N =84

breakpoint: 6393160 – 6393170 rsch-4 tsu-0

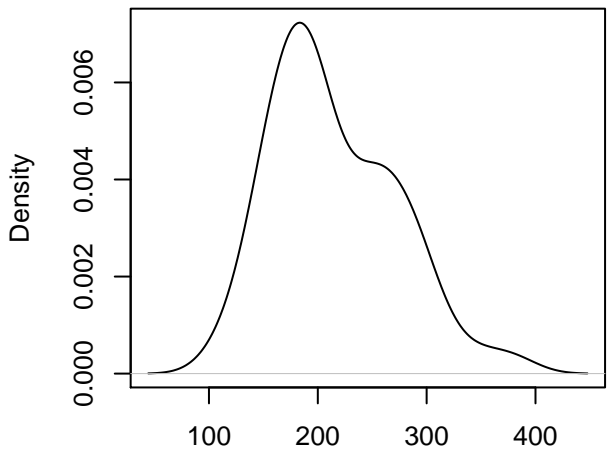
**Bp = 1220 line = MAGIC.183 , Chr = 4**



Insert size, N =60

breakpoint: 6409499 – 6409504 tsu-0 oy-0

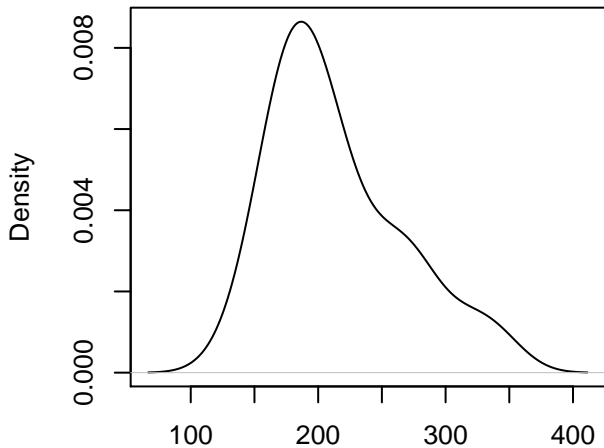
**Bp = 1221 line = MAGIC.183 , Chr = 4**



Insert size, N =53

breakpoint: 6462949 – 6462951 oy-0 ct-1

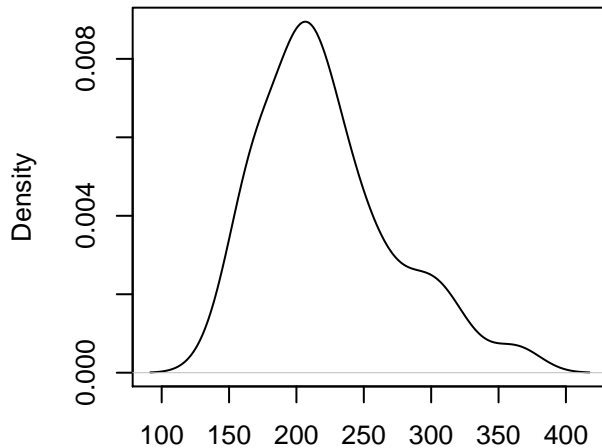
**Bp = 1222 line = MAGIC.183 , Chr = 4**



Insert size, N =42

breakpoint: 6475447 – 6475456 ct-1 oy-0

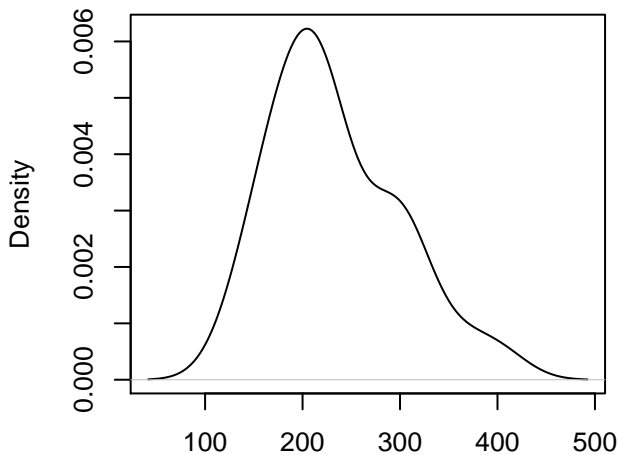
**Bp = 1223 line = MAGIC.183 , Chr = 4**



Insert size, N =34

breakpoint: 6506647 – 6506650 oy-0 can-0

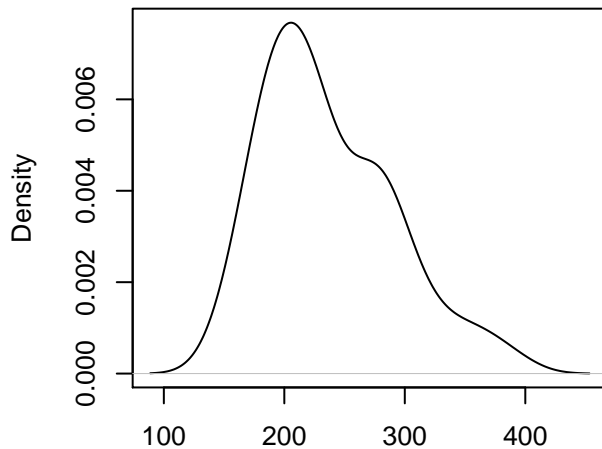
**Bp = 1224 line = MAGIC.183 , Chr = 4**



Insert size, N =27

breakpoint: 6544005 – 6544014 can-0 hi-0

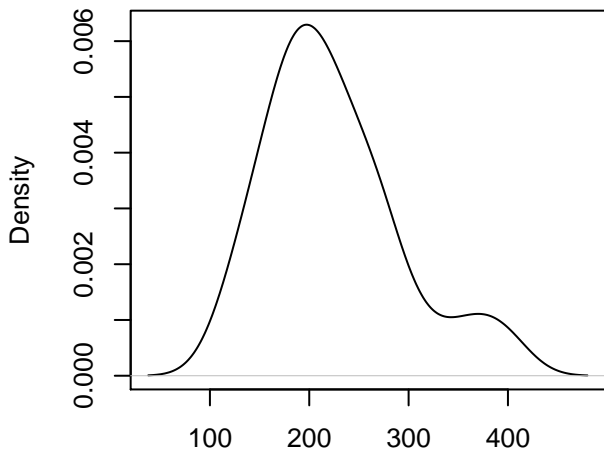
**Bp = 1225 line = MAGIC.183 , Chr = 4**



Insert size, N =63

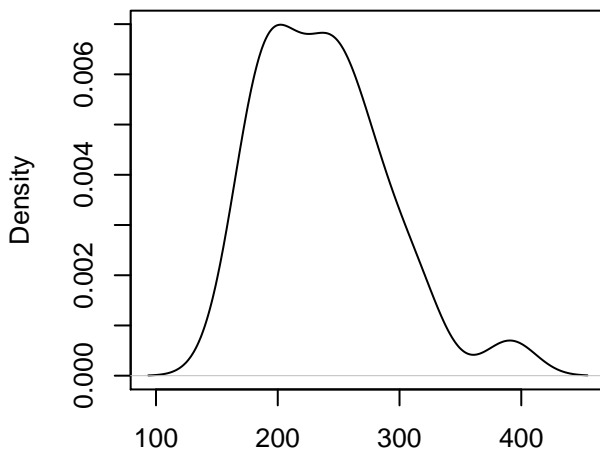
breakpoint: 6557773 – 6557782 hi-0 oy-0

**Bp = 1226 line = MAGIC.183 , Chr = 4**



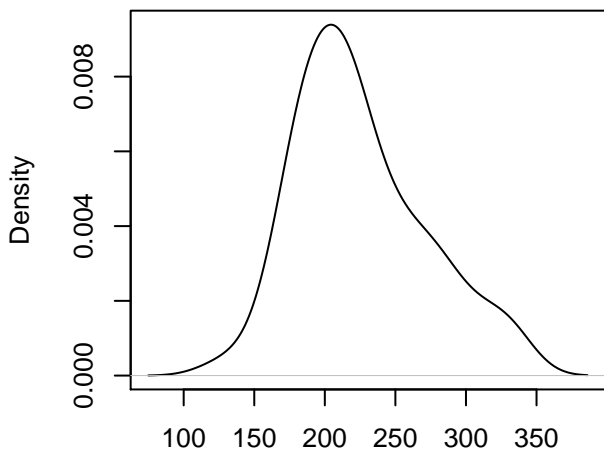
Insert size, N =32  
breakpoint: 6674705 – 6674708 oy-0 sf-2

**Bp = 1227 line = MAGIC.183 , Chr = 4**



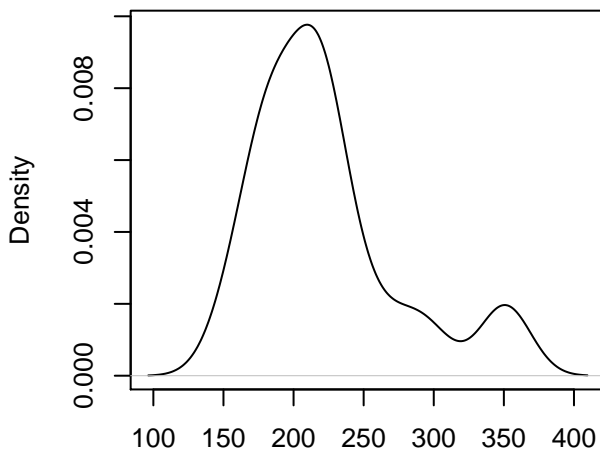
Insert size, N =55  
breakpoint: 6679151 – 6679239 sf-2 oy-0

**Bp = 1228 line = MAGIC.183 , Chr = 4**



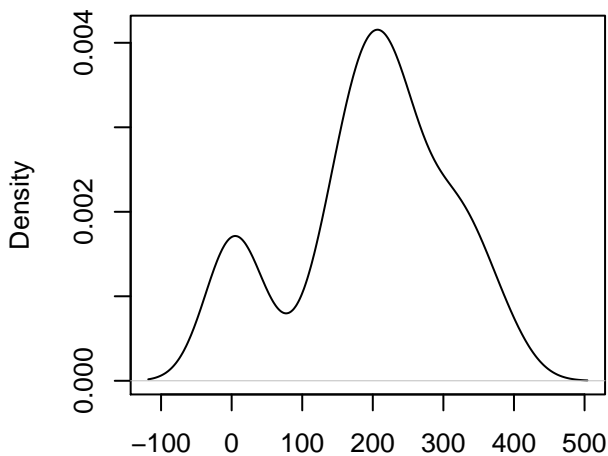
Insert size, N =57  
breakpoint: 6718542 – 6718554 oy-0 ler-0

**Bp = 1229 line = MAGIC.183 , Chr = 4**

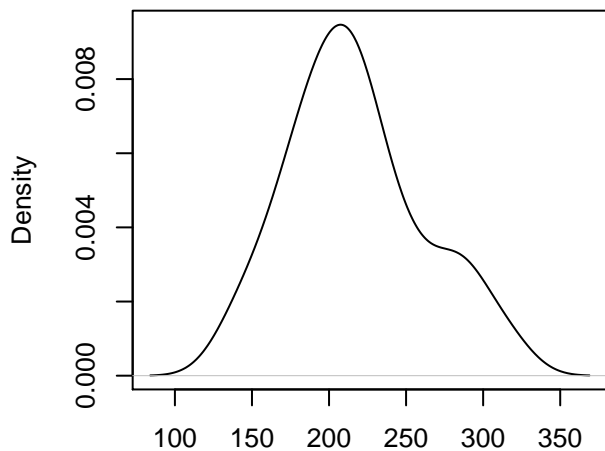


Insert size, N =45  
breakpoint: 6736164 – 6736252 ler-0 ct-1

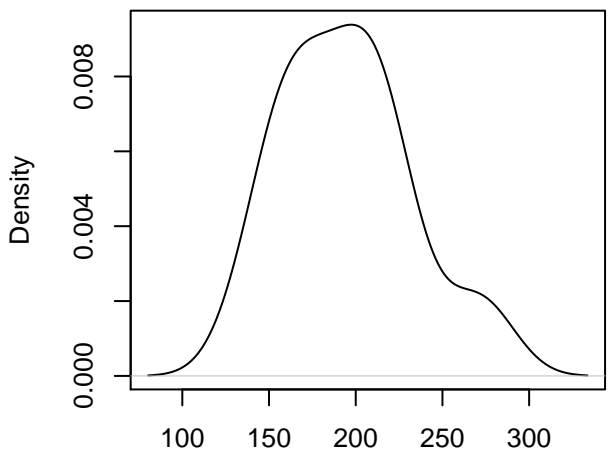
**Bp = 1230 line = MAGIC.183 , Chr = 4**



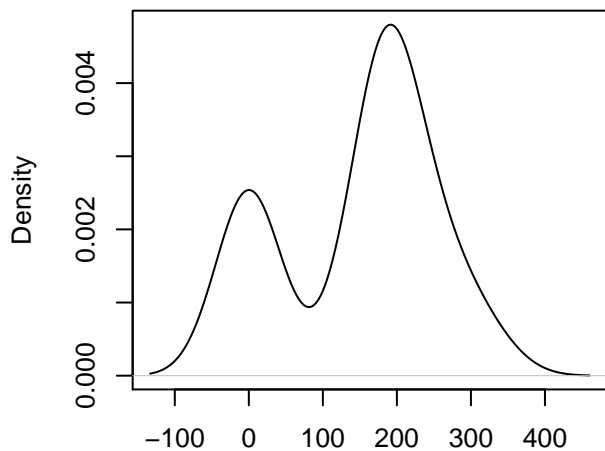
**Bp = 1231 line = MAGIC.183 , Chr = 4**



**Bp = 1232 line = MAGIC.183 , Chr = 4**

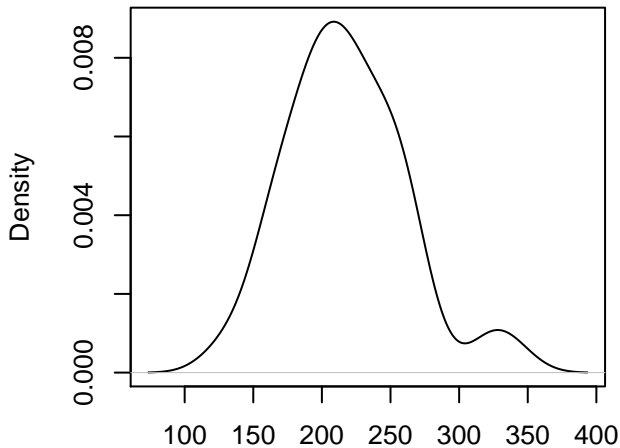


**Bp = 1233 line = MAGIC.183 , Chr = 4**



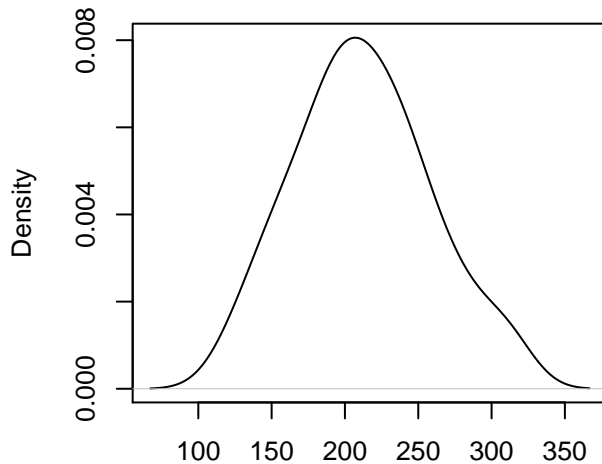


**Bp = 1234 line = MAGIC.183 , Chr = 4**



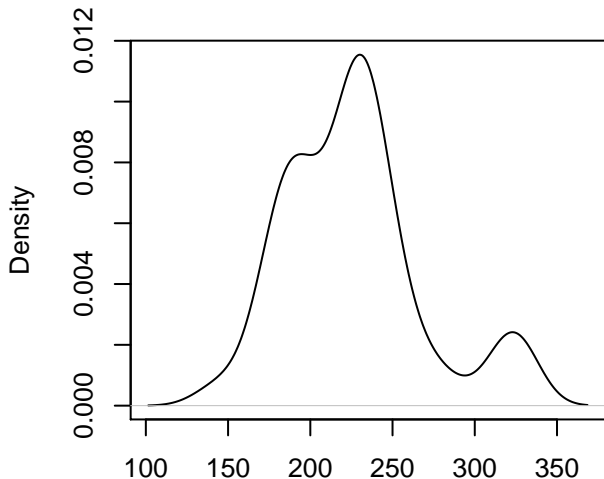
Insert size, N =57  
breakpoint: 6925860 – 6925868 bur-0 oy-0

**Bp = 1235 line = MAGIC.183 , Chr = 4**



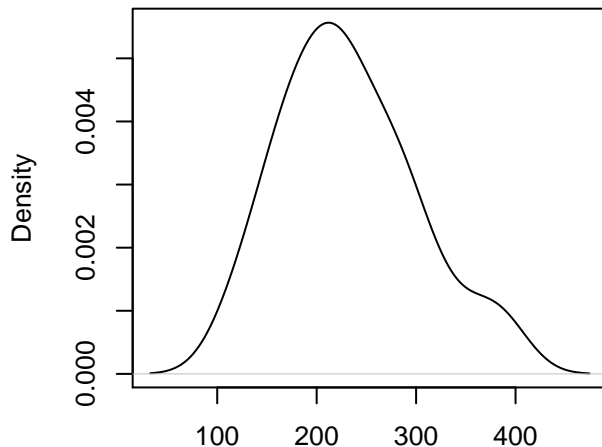
Insert size, N =37  
breakpoint: 6975256 – 6975265 oy-0 col-0

**Bp = 1236 line = MAGIC.183 , Chr = 4**



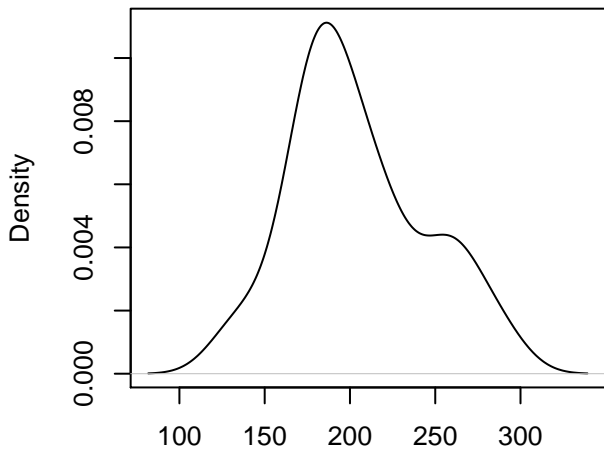
Insert size, N =44  
breakpoint: 6986397 – 6986454 col-0 sf-2

**Bp = 1237 line = MAGIC.183 , Chr = 4**



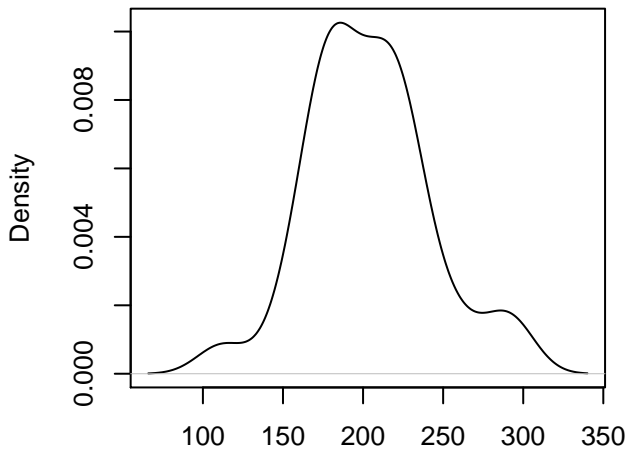
Insert size, N =29  
breakpoint: 7004172 – 7004174 sf-2 tsu-0

**Bp = 1238 line = MAGIC.183 , Chr = 4**



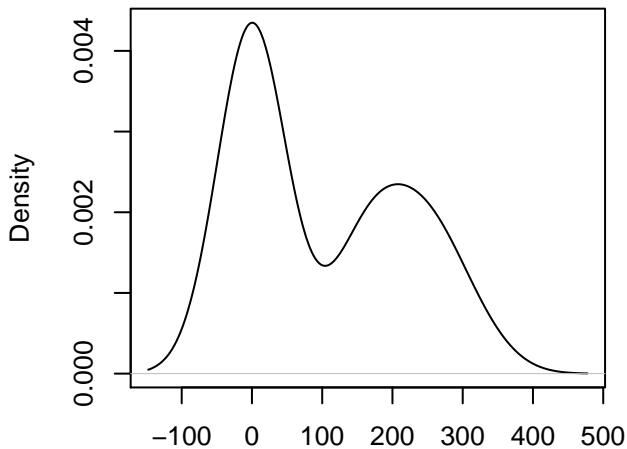
Insert size, N =34  
breakpoint: 7028443 – 7028462 tsu-0 po-0

**Bp = 1239 line = MAGIC.183 , Chr = 4**



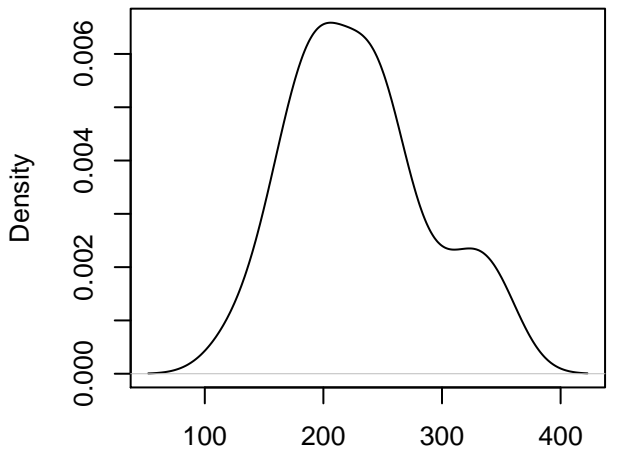
Insert size, N =31  
breakpoint: 7080588 – 7080644 po-0 wil-2

**Bp = 1240 line = MAGIC.183 , Chr = 4**



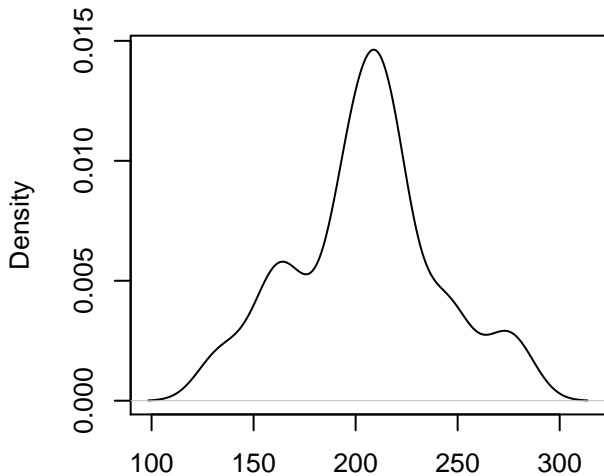
Insert size, N =43  
breakpoint: 7102682 – 7102697 wil-2 hi-0

**Bp = 1241 line = MAGIC.183 , Chr = 4**



Insert size, N =34  
breakpoint: 7112902 – 7112920 hi-0 po-0

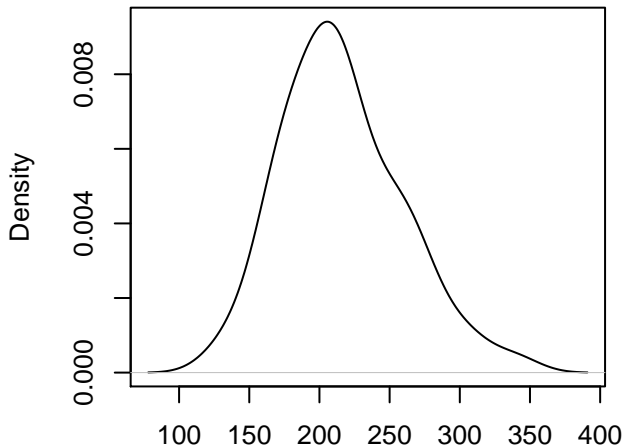
**Bp = 1242 line = MAGIC.183 , Chr = 4**



Insert size, N =38

breakpoint: 7154033 – 7154046 po-0 sf-2

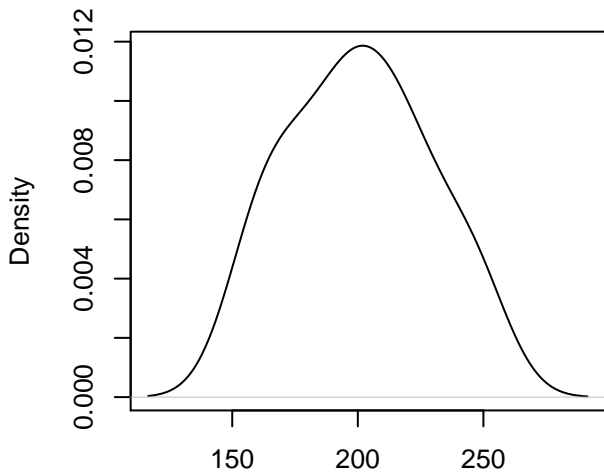
**Bp = 1243 line = MAGIC.183 , Chr = 4**



Insert size, N =55

breakpoint: 7158365 – 7158423 sf-2 tsu-0

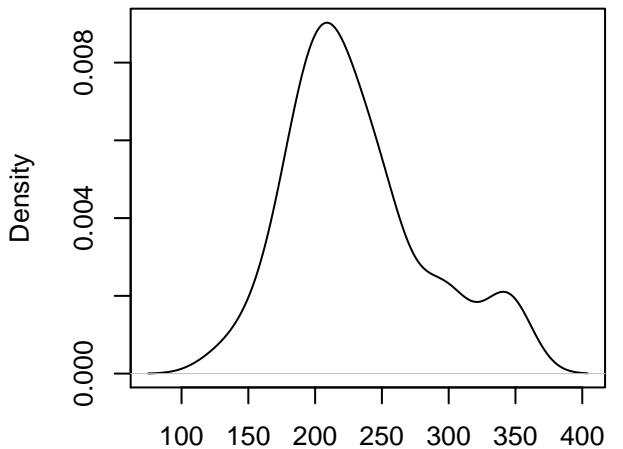
**Bp = 1244 line = MAGIC.183 , Chr = 4**



Insert size, N =21

breakpoint: 7171371 – 7171408 tsu-0 no-0

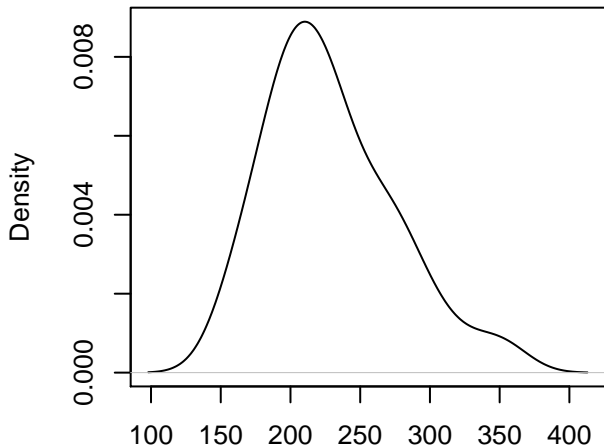
**Bp = 1245 line = MAGIC.183 , Chr = 4**



Insert size, N =56

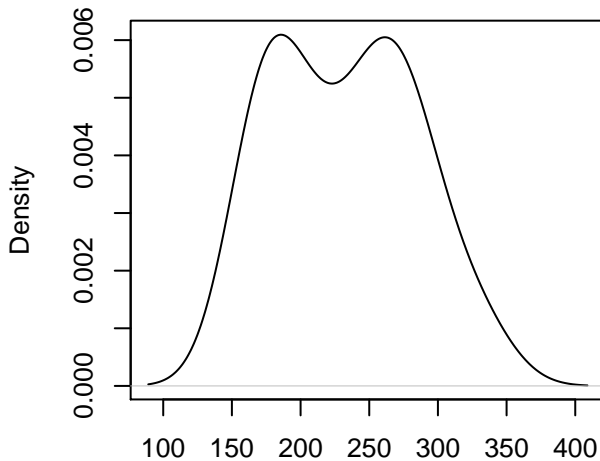
breakpoint: 7222006 – 7222034 no-0 wu-0

**Bp = 1246 line = MAGIC.183 , Chr = 4**



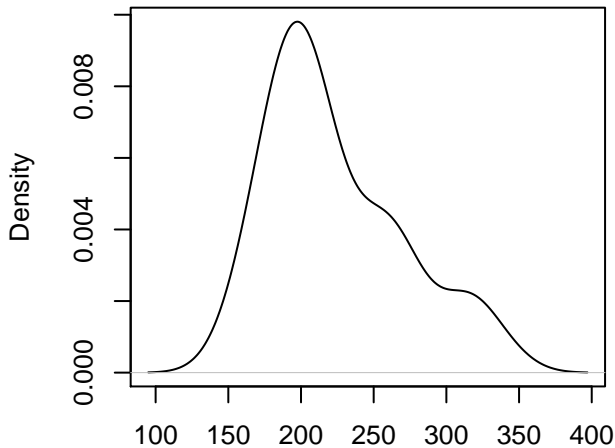
Insert size, N =51  
breakpoint: 7255686 – 7255750 wu-0 kn-0

**Bp = 1247 line = MAGIC.183 , Chr = 4**



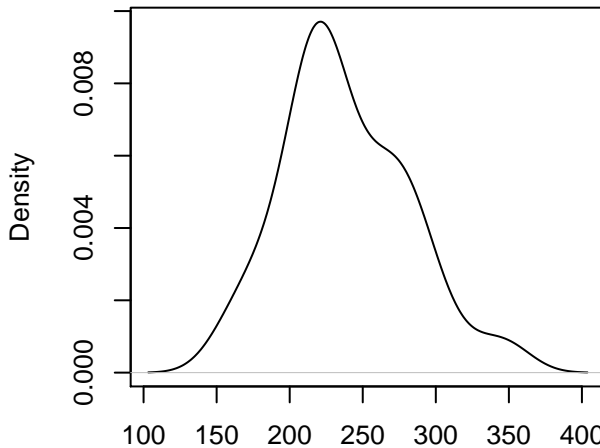
Insert size, N =22  
breakpoint: 7291578 – 7291715 kn-0 wu-0

**Bp = 1248 line = MAGIC.183 , Chr = 4**



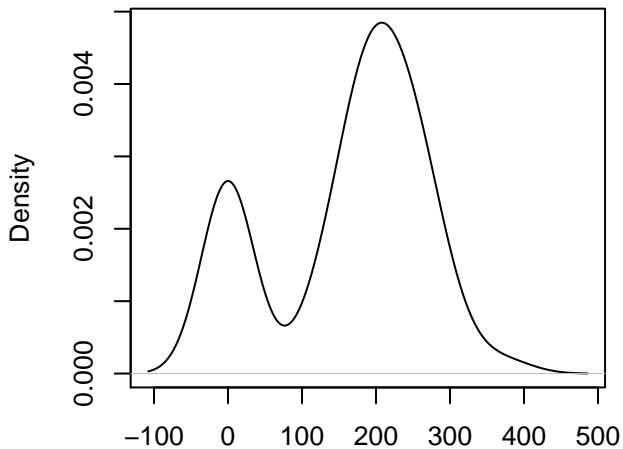
Insert size, N =44  
breakpoint: 7324959 – 7325018 wu-0 col-0

**Bp = 1249 line = MAGIC.183 , Chr = 4**

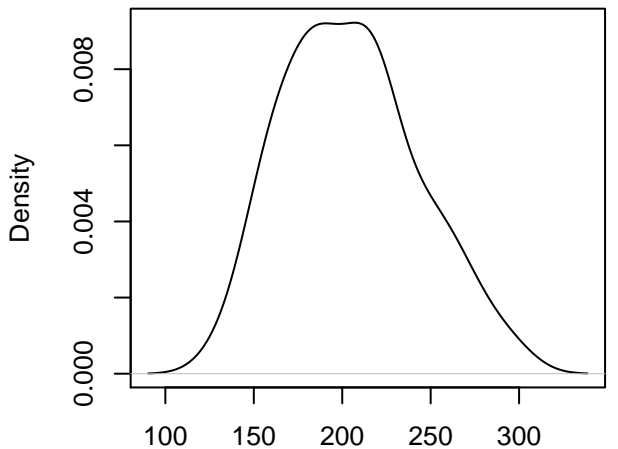


Insert size, N =49  
breakpoint: 7333504 – 7333513 col-0 no-0

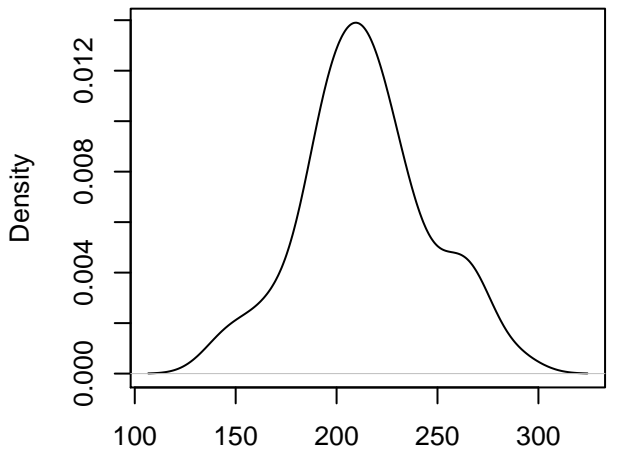
**Bp = 1250 line = MAGIC.183 , Chr = 4**



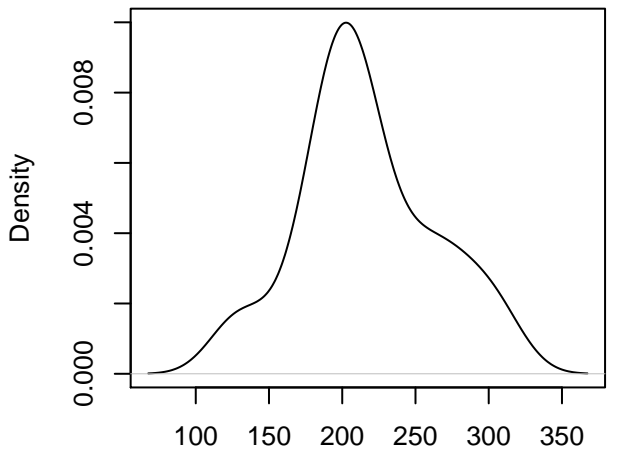
**Bp = 1251 line = MAGIC.183 , Chr = 4**



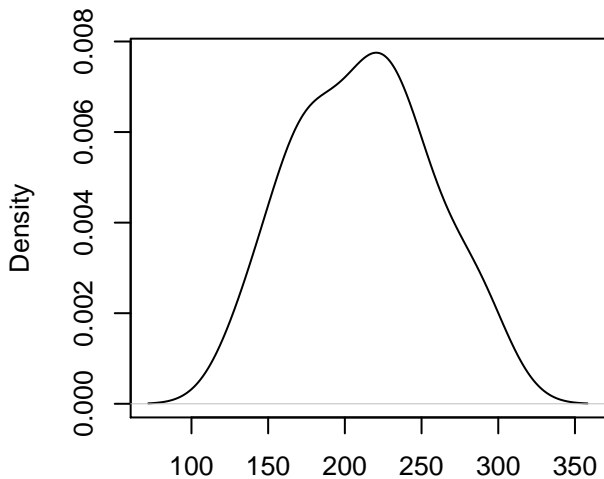
**Bp = 1252 line = MAGIC.183 , Chr = 4**



**Bp = 1253 line = MAGIC.183 , Chr = 4**

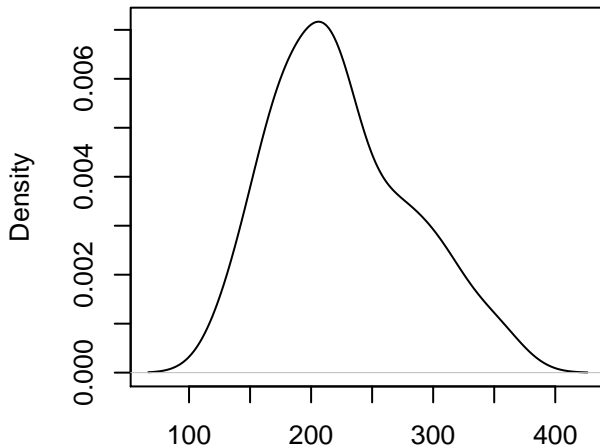


**Bp = 1254 line = MAGIC.183 , Chr = 4**



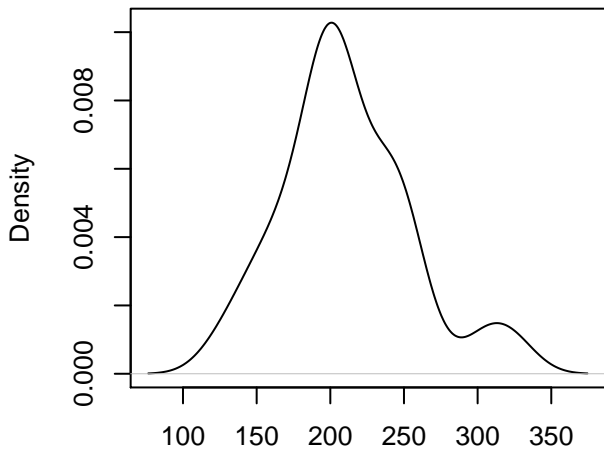
Insert size, N =33  
breakpoint: 7720752 – 7720756 zu-0 col-0

**Bp = 1255 line = MAGIC.183 , Chr = 4**



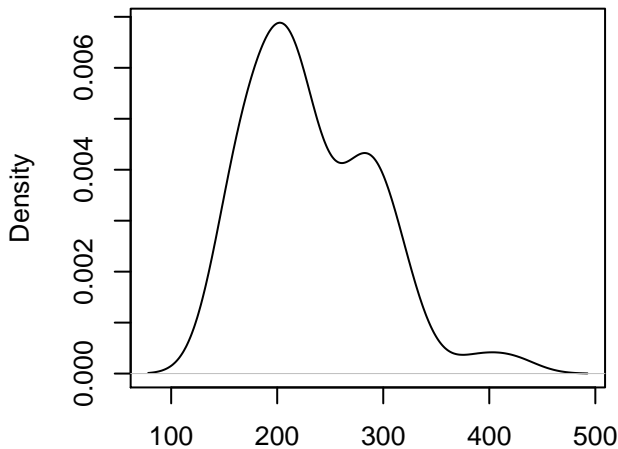
Insert size, N =62  
breakpoint: 7767911 – 7767914 col-0 zu-0

**Bp = 1256 line = MAGIC.183 , Chr = 4**



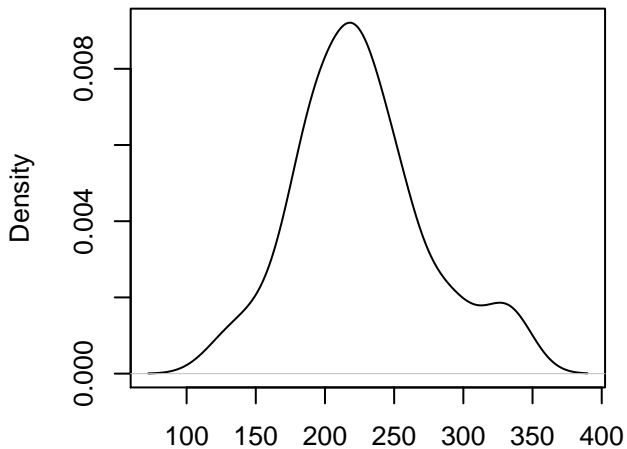
Insert size, N =27  
breakpoint: 7781093 – 7781101 zu-0 col-0

**Bp = 1257 line = MAGIC.183 , Chr = 4**



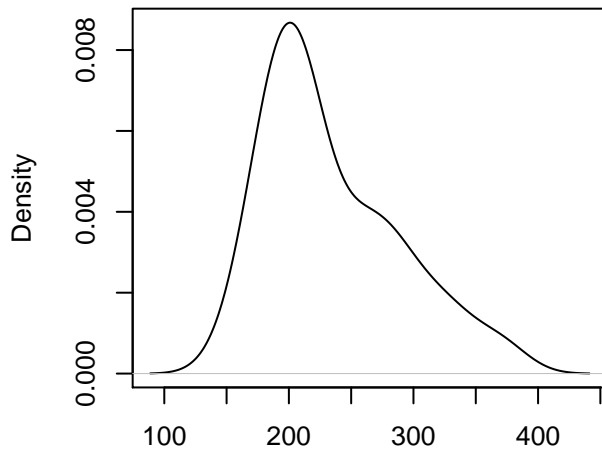
Insert size, N =61  
breakpoint: 7791532 – 7791563 col-0 bur-0

**Bp = 1258 line = MAGIC.183 , Chr = 4**



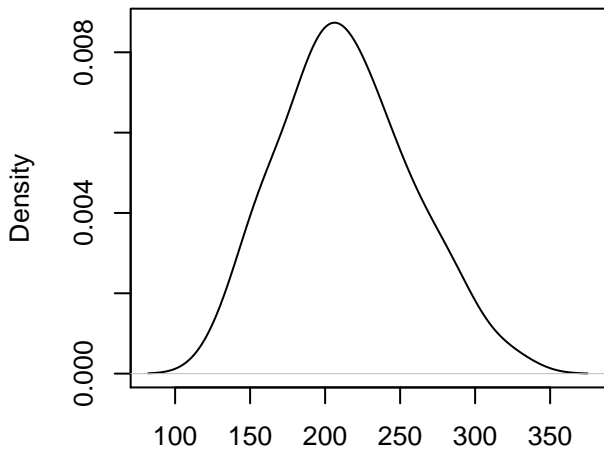
Insert size, N =54  
breakpoint: 7841980 – 7841993 bur-0 can-0

**Bp = 1259 line = MAGIC.183 , Chr = 4**



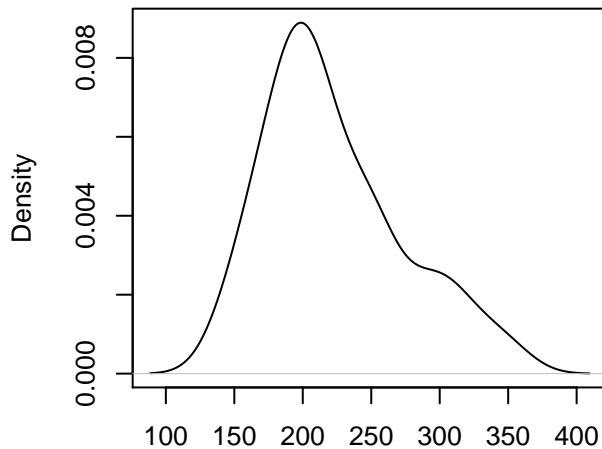
Insert size, N =71  
breakpoint: 7858822 – 7858828 can-0 sf-2

**Bp = 1260 line = MAGIC.183 , Chr = 4**



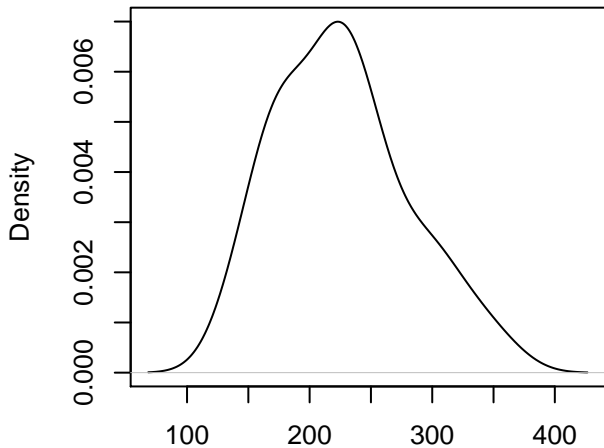
Insert size, N =53  
breakpoint: 7962773 – 7962836 sf-2 mt-0

**Bp = 1261 line = MAGIC.183 , Chr = 4**



Insert size, N =54  
breakpoint: 7999086 – 7999091 mt-0 sf-2

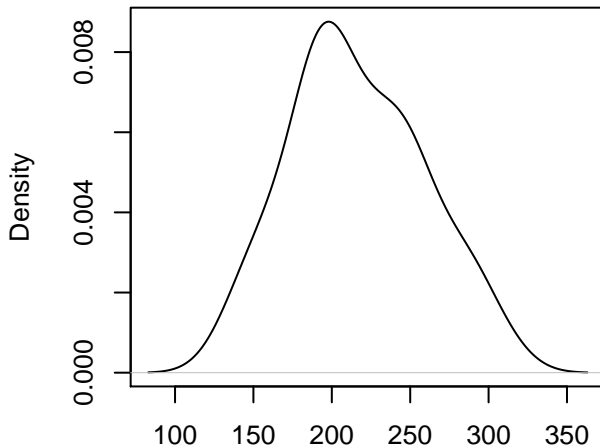
**Bp = 1262 line = MAGIC.183 , Chr = 4**



Insert size, N =43

breakpoint: 8019264 – 8019272 sf-2 no-0

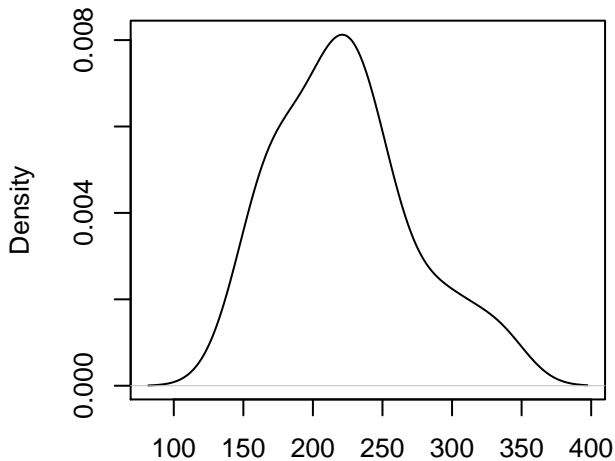
**Bp = 1263 line = MAGIC.183 , Chr = 4**



Insert size, N =39

breakpoint: 8030768 – 8030783 no-0 tsu-0

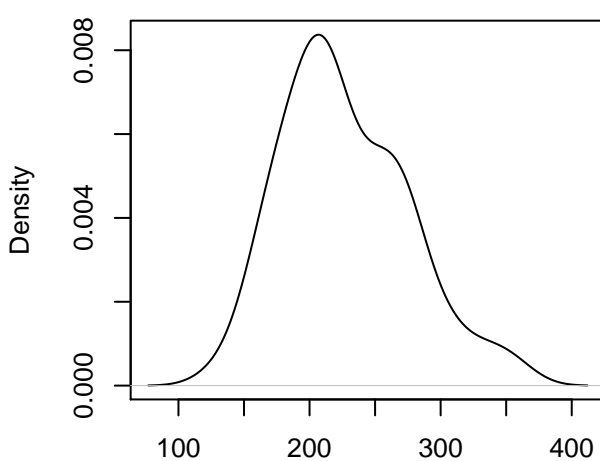
**Bp = 1264 line = MAGIC.183 , Chr = 4**



Insert size, N =41

breakpoint: 8050765 – 8050775 tsu-0 oy-0

**Bp = 1265 line = MAGIC.183 , Chr = 4**

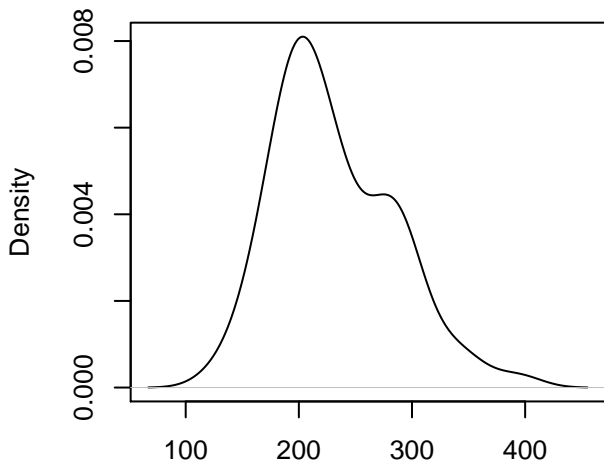


Insert size, N =64

breakpoint: 8062097 – 8062139 oy-0 rsch-4

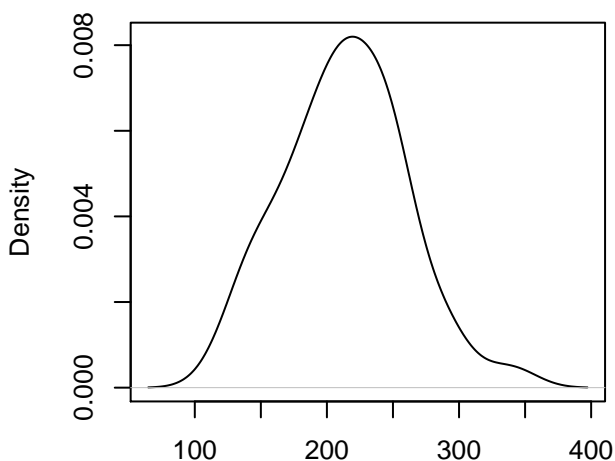


**Bp = 1266 line = MAGIC.183 , Chr = 4**



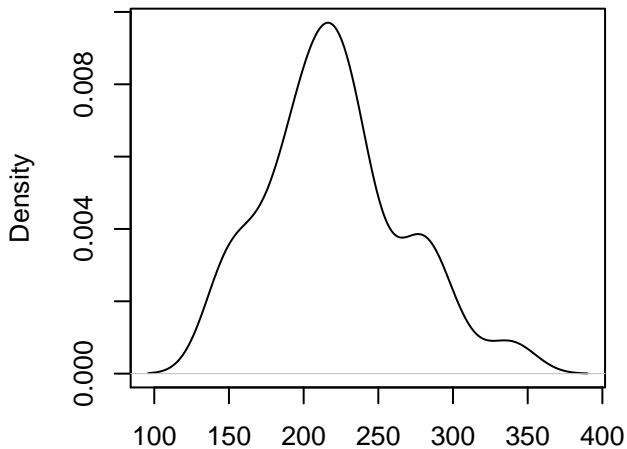
Insert size, N =71  
breakpoint: 8084871 – 8084904 rsch-4 ws-0

**Bp = 1267 line = MAGIC.183 , Chr = 4**



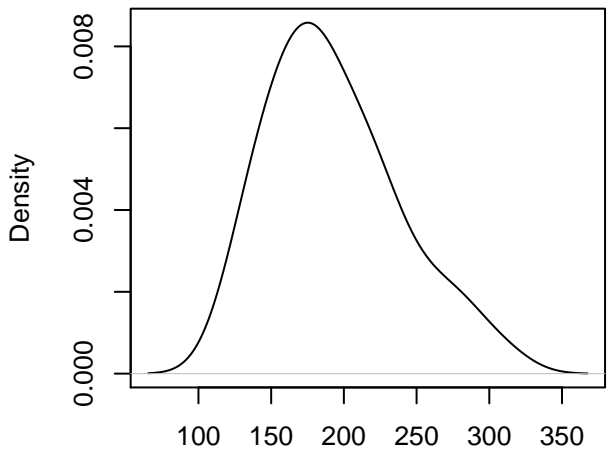
Insert size, N =44  
breakpoint: 8089212 – 8089300 ws-0 ct-1

**Bp = 1268 line = MAGIC.183 , Chr = 4**



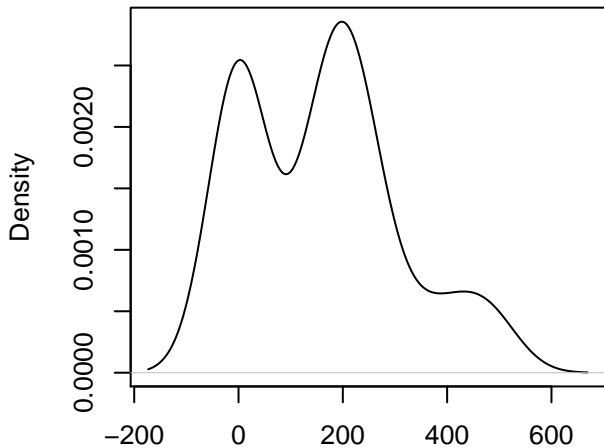
Insert size, N =56  
breakpoint: 8098444 – 8098447 ct-1 sf-2

**Bp = 1269 line = MAGIC.183 , Chr = 4**



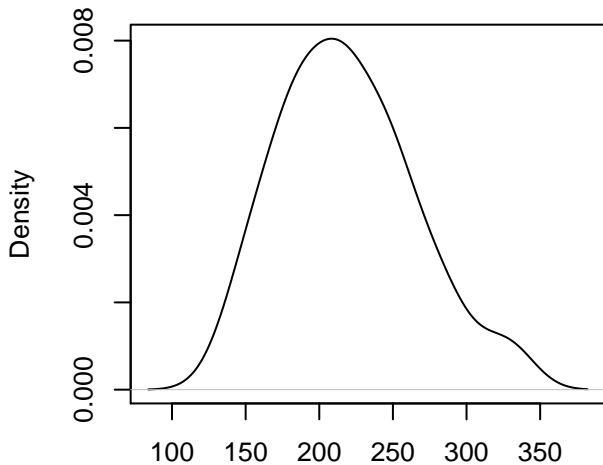
Insert size, N =51  
breakpoint: 8111242 – 8111259 sf-2 mt-0

**Bp = 1270 line = MAGIC.183 , Chr = 4**



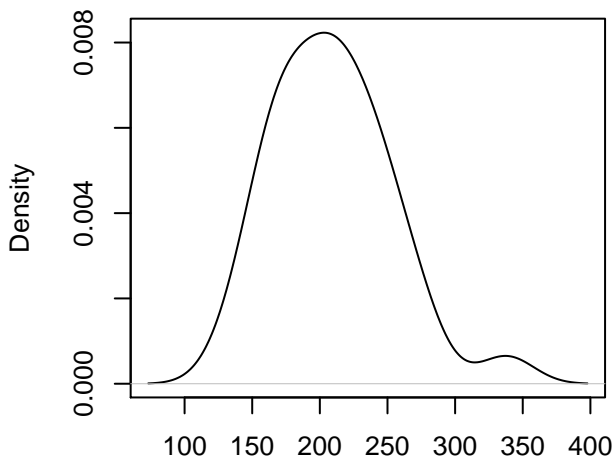
Insert size, N =61  
breakpoint: 8138707 – 8138708 mt-0 edi-0

**Bp = 1271 line = MAGIC.183 , Chr = 4**



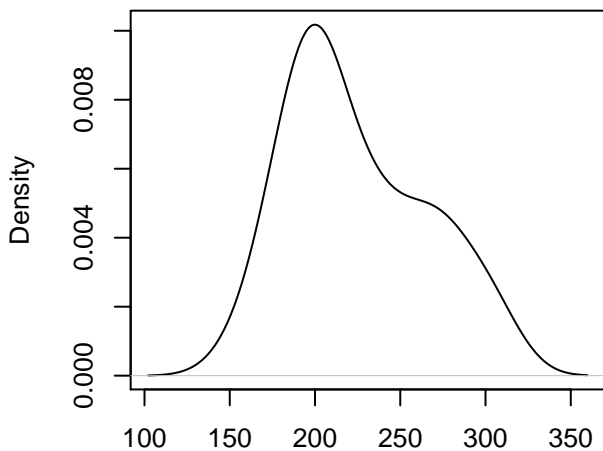
Insert size, N =68  
breakpoint: 8196496 – 8196550 edi-0 col-0

**Bp = 1272 line = MAGIC.183 , Chr = 4**



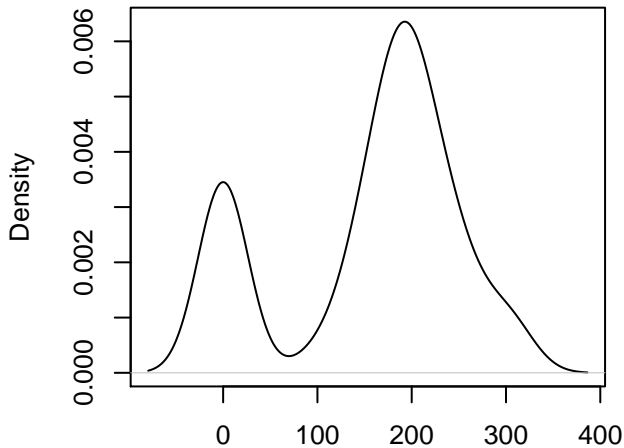
Insert size, N =31  
breakpoint: 8211190 – 8211195 col-0 tsu-0

**Bp = 1273 line = MAGIC.183 , Chr = 4**

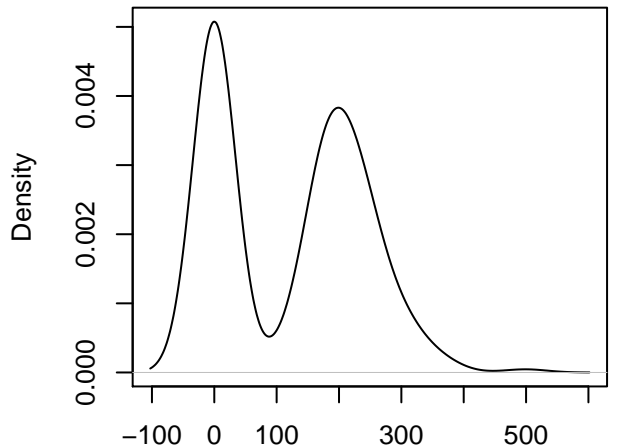


Insert size, N =39  
breakpoint: 8279130 – 8279132 tsu-0 wu-0

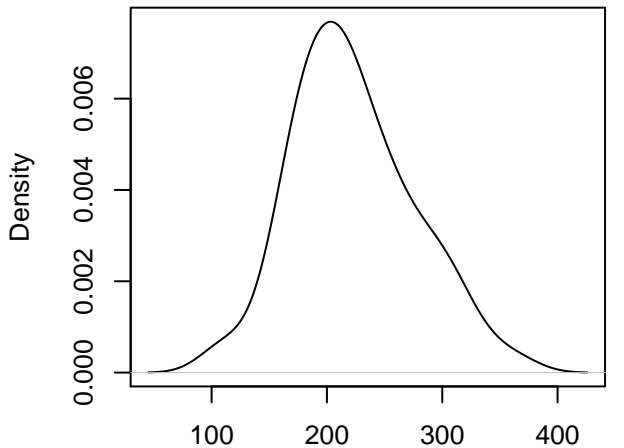
**Bp = 1274 line = MAGIC.183 , Chr = 4**



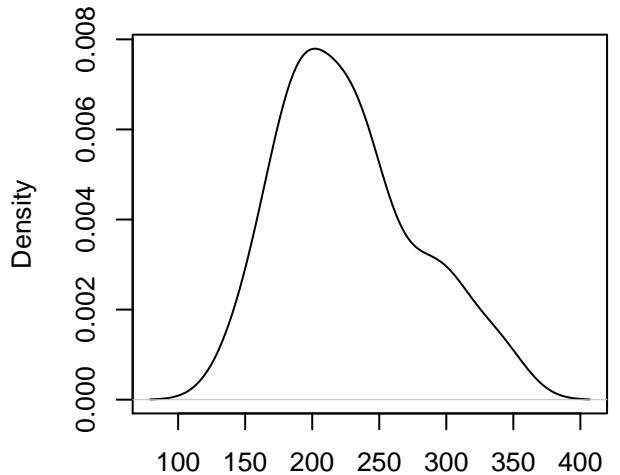
**Bp = 1275 line = MAGIC.183 , Chr = 4**



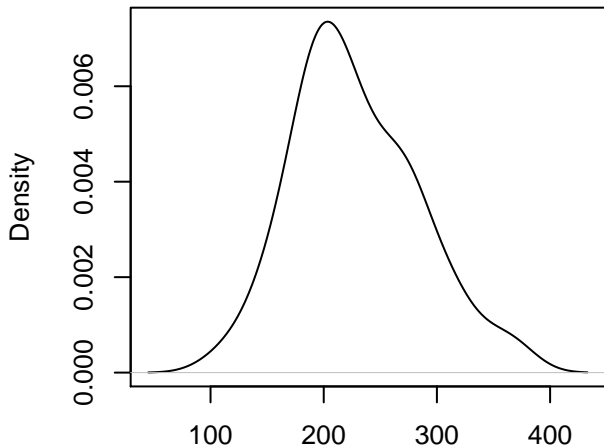
**Bp = 1276 line = MAGIC.183 , Chr = 4**



**Bp = 1277 line = MAGIC.183 , Chr = 4**

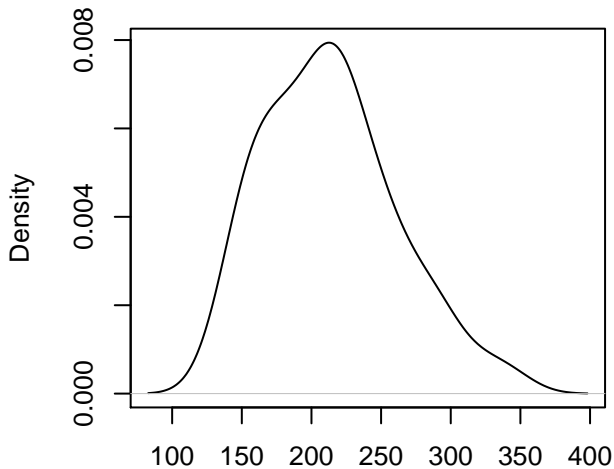


**Bp = 1278 line = MAGIC.183 , Chr = 4**



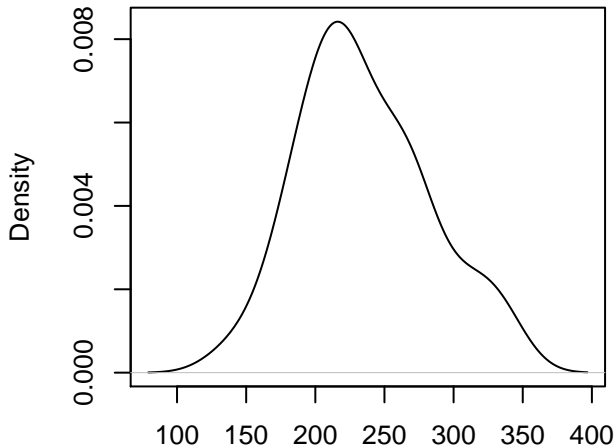
Insert size, N =54  
breakpoint: 8375853 – 8375915 zu-0 oy-0

**Bp = 1279 line = MAGIC.183 , Chr = 4**



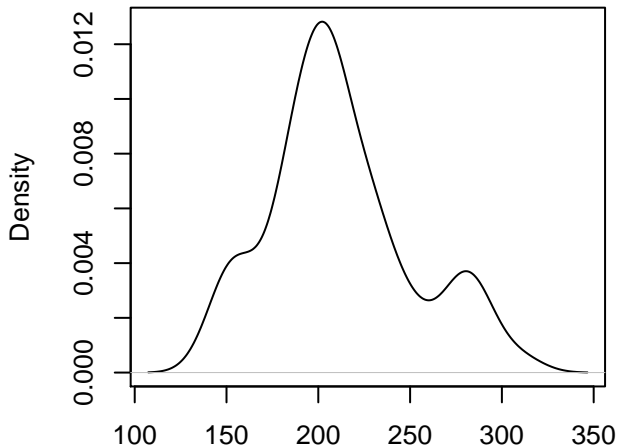
Insert size, N =59  
breakpoint: 8381775 – 8381789 oy-0 can-0

**Bp = 1280 line = MAGIC.183 , Chr = 4**



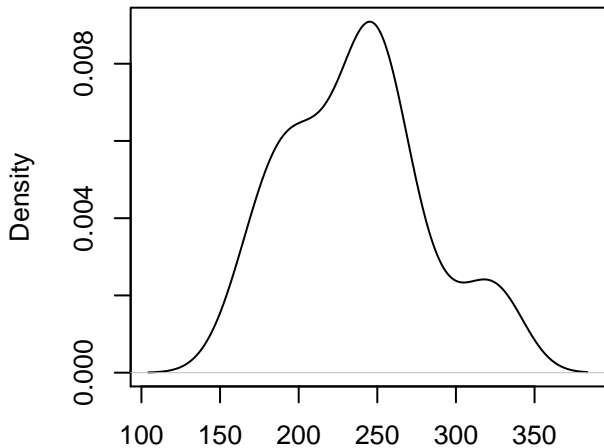
Insert size, N =42  
breakpoint: 8385403 – 8385464 can-0 hi-0

**Bp = 1281 line = MAGIC.183 , Chr = 4**



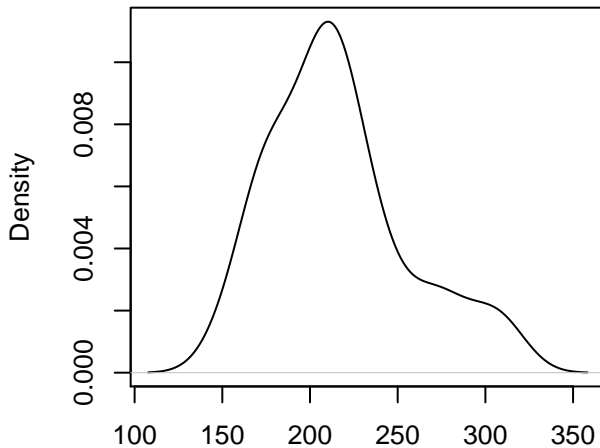
Insert size, N =67  
breakpoint: 8418722 – 8418738 hi-0 zu-0

**Bp = 1282 line = MAGIC.183 , Chr = 4**



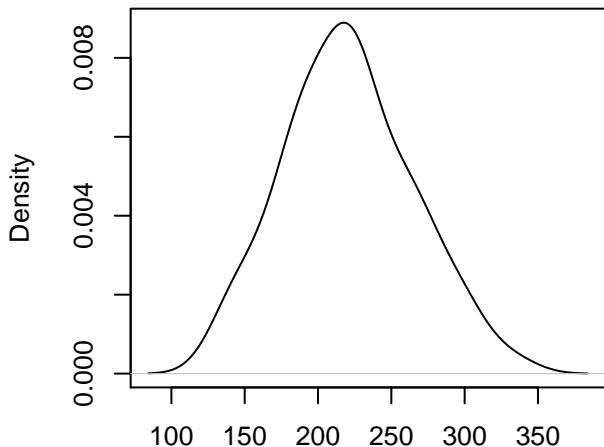
Insert size, N =50  
breakpoint: 8467000 – 8467056 zu-0 ler-0

**Bp = 1283 line = MAGIC.183 , Chr = 4**



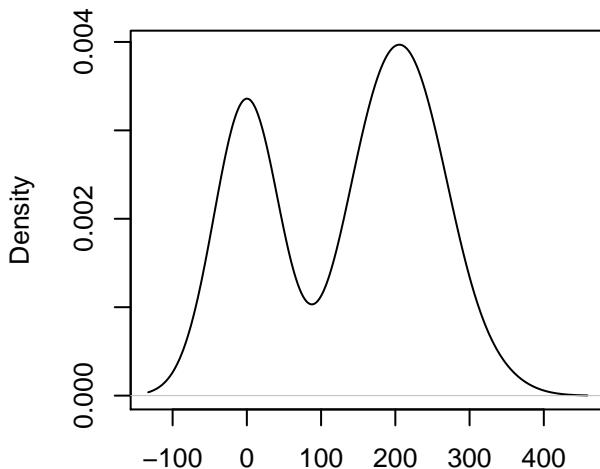
Insert size, N =45  
breakpoint: 8490854 – 8490890 ler-0 bur-0

**Bp = 1284 line = MAGIC.183 , Chr = 4**



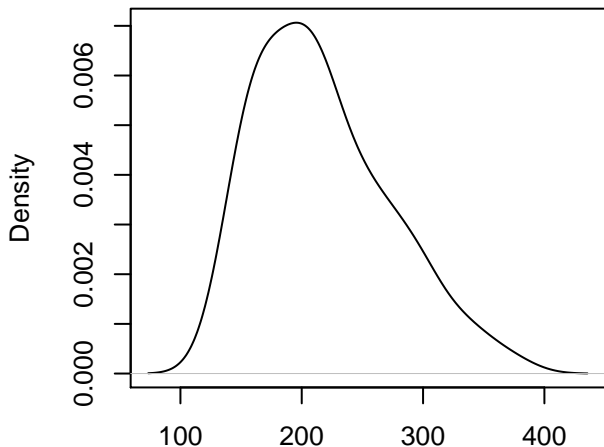
Insert size, N =61  
breakpoint: 8506010 – 8506058 bur-0 rsch-4

**Bp = 1285 line = MAGIC.183 , Chr = 4**



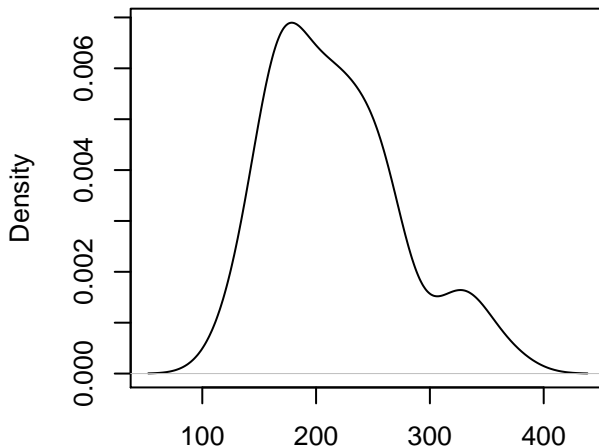
Insert size, N =51  
breakpoint: 8548426 – 8548446 rsch-4 ws-0

**Bp = 1286 line = MAGIC.183 , Chr = 4**



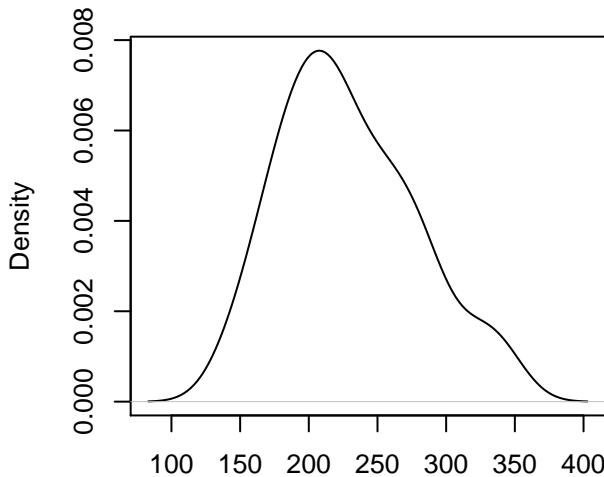
Insert size, N =83  
breakpoint: 8592008 – 8592022 ws-0 po-0

**Bp = 1287 line = MAGIC.183 , Chr = 4**



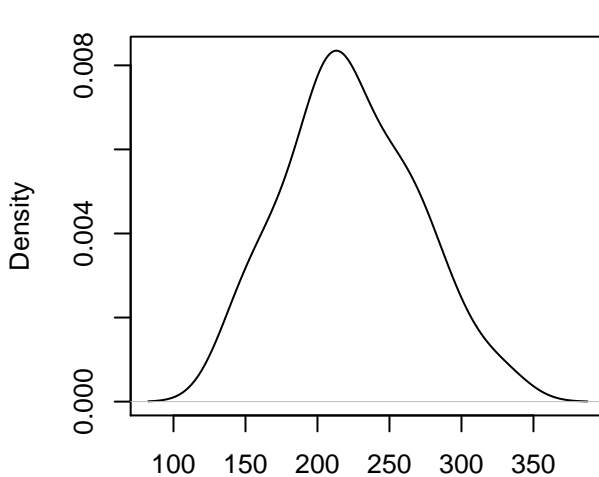
Insert size, N =68  
breakpoint: 8665897 – 8665913 po-0 can-0

**Bp = 1288 line = MAGIC.183 , Chr = 4**



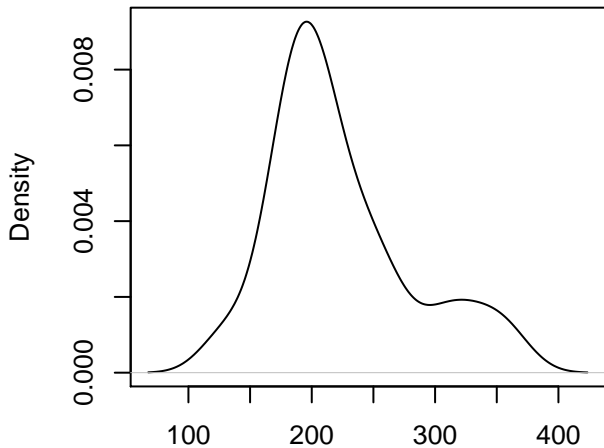
Insert size, N =72  
breakpoint: 8668494 – 8668591 can-0 zu-0

**Bp = 1289 line = MAGIC.183 , Chr = 4**



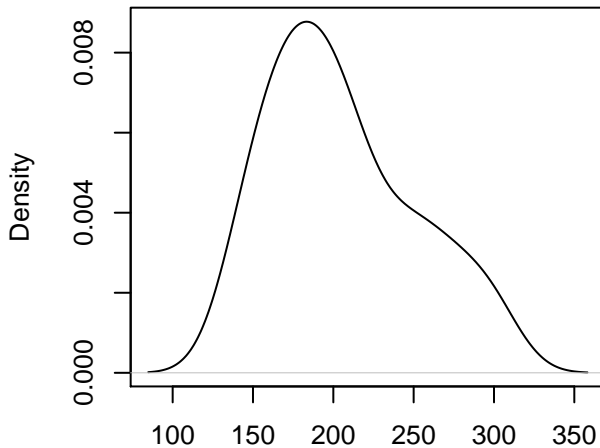
Insert size, N =59  
breakpoint: 8811513 – 8811554 zu-0 bur-0

**Bp = 1290 line = MAGIC.183 , Chr = 4**



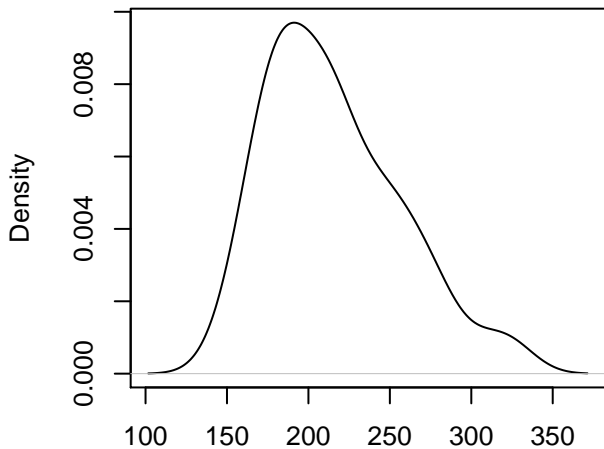
Insert size, N =38  
breakpoint: 8824035 – 8824044 bur-0 zu-0

**Bp = 1291 line = MAGIC.183 , Chr = 4**



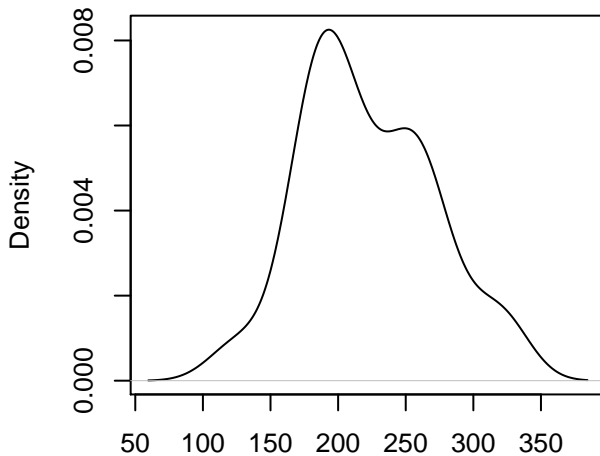
Insert size, N =54  
breakpoint: 8834325 – 8834349 zu-0 oy-0

**Bp = 1292 line = MAGIC.183 , Chr = 4**



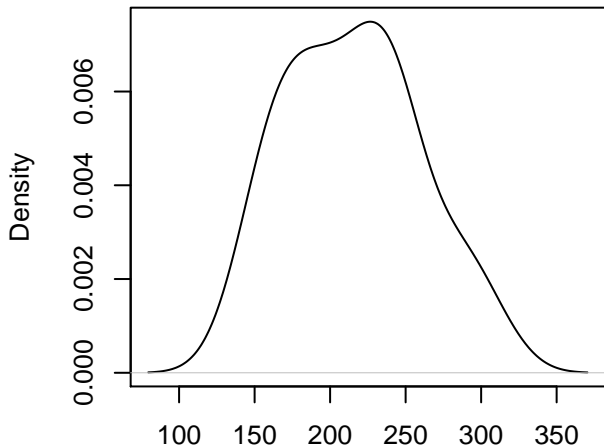
Insert size, N =64  
breakpoint: 8854259 – 8854379 oy-0 edi-0

**Bp = 1293 line = MAGIC.183 , Chr = 4**



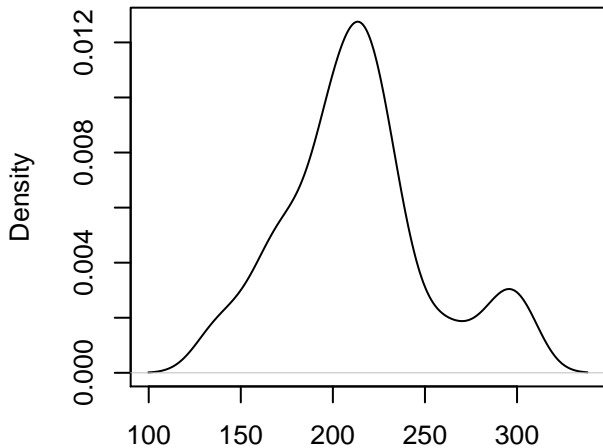
Insert size, N =44  
breakpoint: 8883894 – 8883986 edi-0 bur-0

**Bp = 1294 line = MAGIC.183 , Chr = 4**



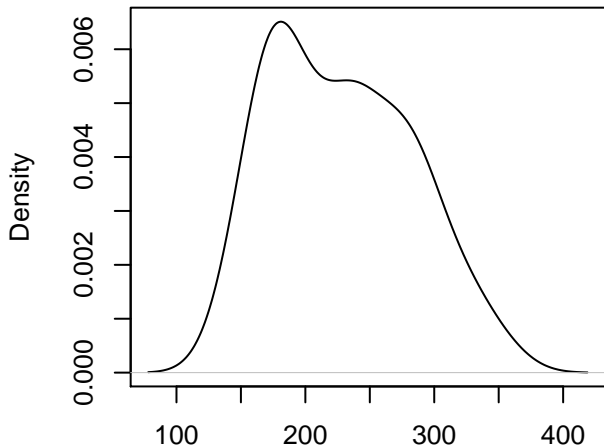
Insert size, N =31  
breakpoint: 8927622 – 8927695 bur-0 wu-0

**Bp = 1295 line = MAGIC.183 , Chr = 4**



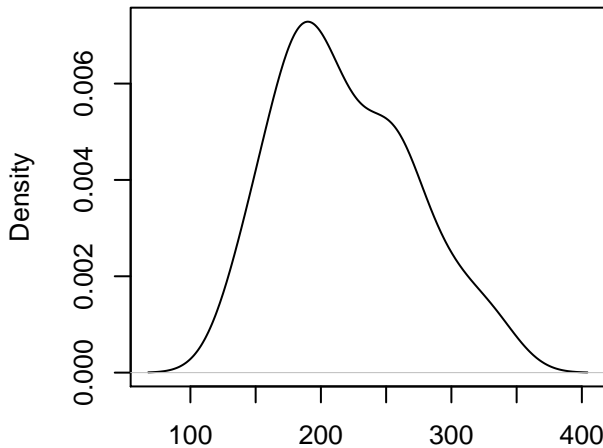
Insert size, N =55  
breakpoint: 8957226 – 8957355 wu-0 bur-0

**Bp = 1296 line = MAGIC.183 , Chr = 4**



Insert size, N =59  
breakpoint: 8966984 – 8966988 bur-0 wu-0

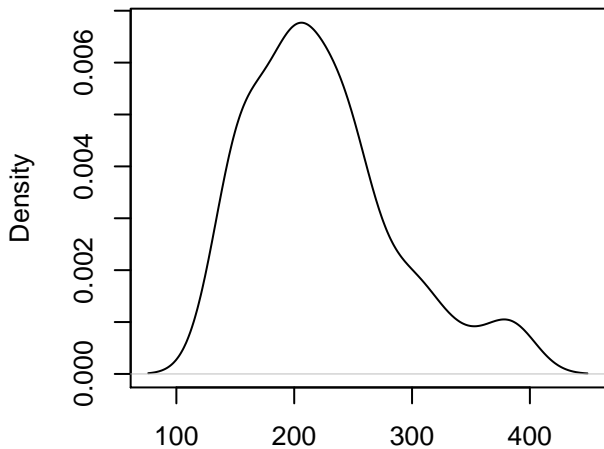
**Bp = 1297 line = MAGIC.183 , Chr = 4**



Insert size, N =63  
breakpoint: 9103728 – 9103812 wu-0 oy-0



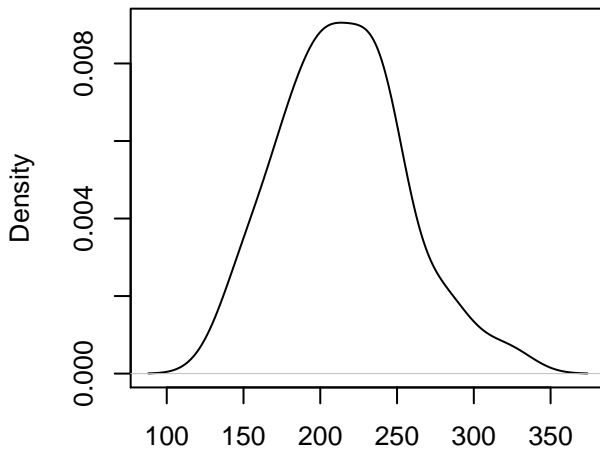
**Bp = 1298 line = MAGIC.183 , Chr = 4**



Insert size, N =39

breakpoint: 9142018 – 9142038 oy-0 sf-2

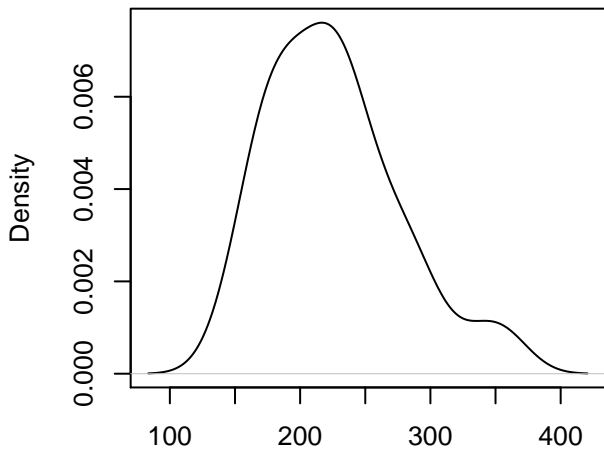
**Bp = 1299 line = MAGIC.183 , Chr = 4**



Insert size, N =68

breakpoint: 9158439 – 9158503 sf-2 edi-0

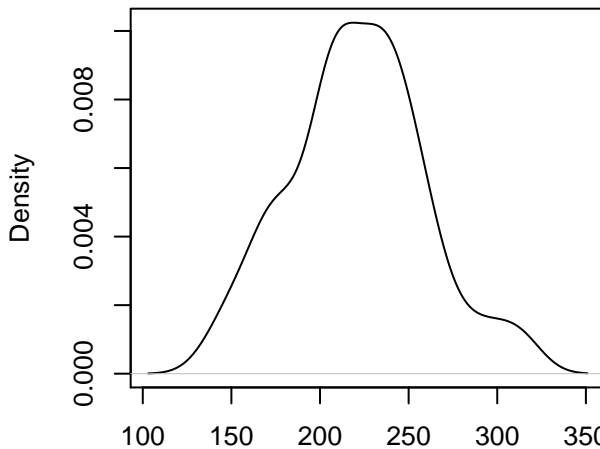
**Bp = 1300 line = MAGIC.183 , Chr = 4**



Insert size, N =46

breakpoint: 9175735 – 9175847 edi-0 sf-2

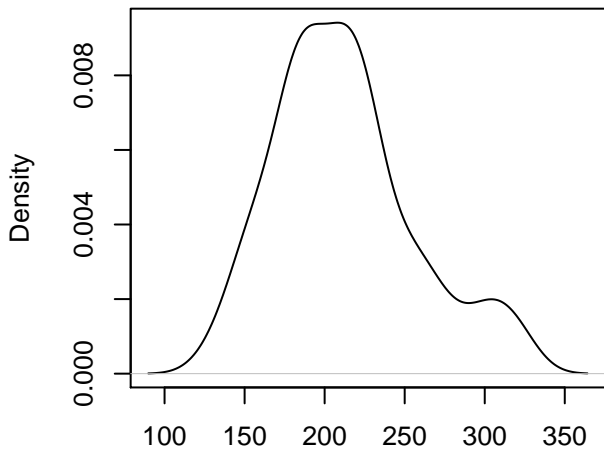
**Bp = 1301 line = MAGIC.183 , Chr = 4**



Insert size, N =58

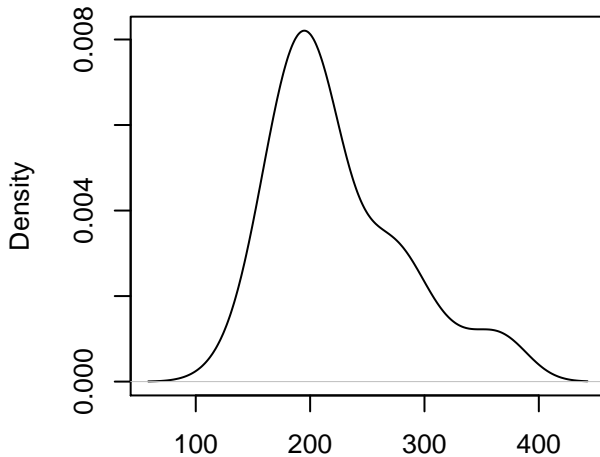
breakpoint: 9191519 – 9191542 sf-2 po-0

**Bp = 1302 line = MAGIC.183 , Chr = 4**



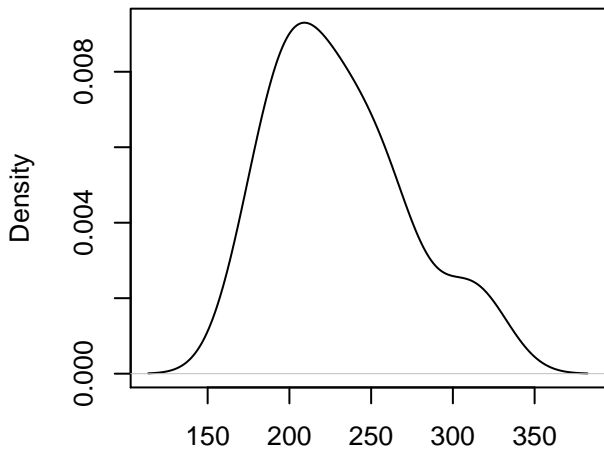
Insert size, N =54  
breakpoint: 9349050 – 9349742 po-0 edi-0

**Bp = 1303 line = MAGIC.183 , Chr = 4**



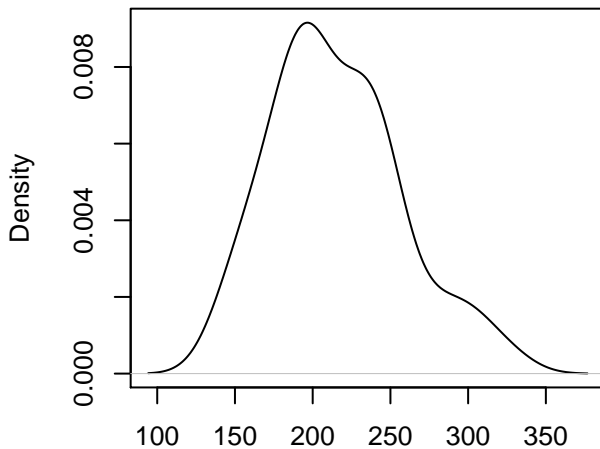
Insert size, N =50  
breakpoint: 9383258 – 9383268 edi-0 col-0

**Bp = 1304 line = MAGIC.183 , Chr = 4**



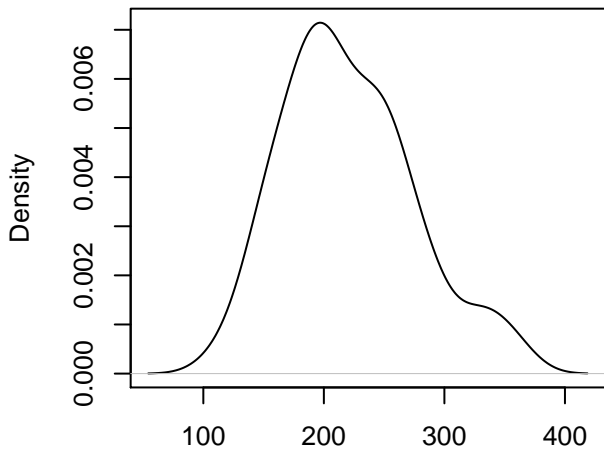
Insert size, N =45  
breakpoint: 9406913 – 9406934 col-0 wu-0

**Bp = 1305 line = MAGIC.183 , Chr = 4**



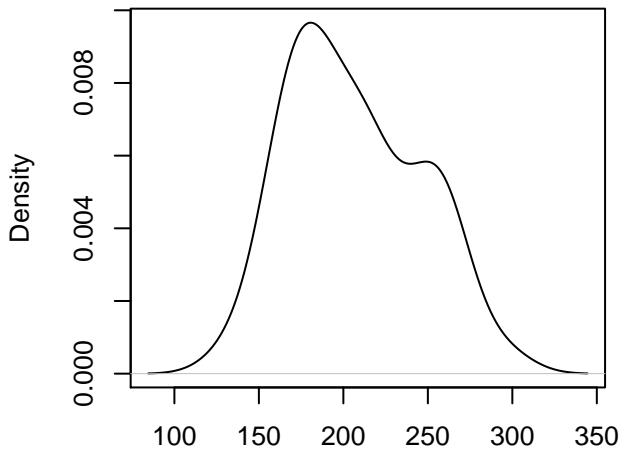
Insert size, N =61  
breakpoint: 9434690 – 9434691 wu-0 po-0

**Bp = 1306 line = MAGIC.183 , Chr = 4**



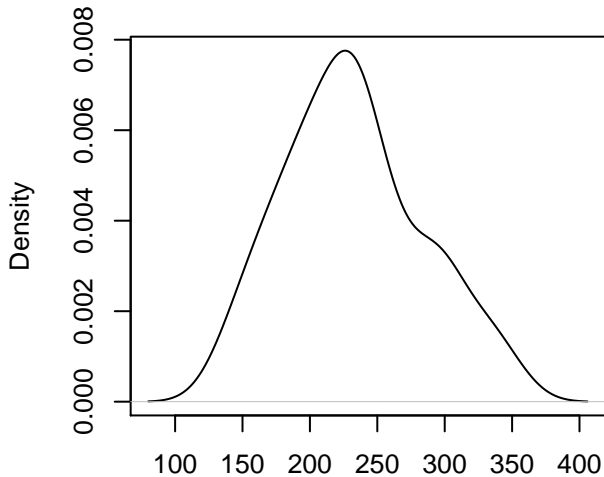
Insert size, N =66  
breakpoint: 9450606 – 9450617 po-0 tsu-0

**Bp = 1307 line = MAGIC.183 , Chr = 4**



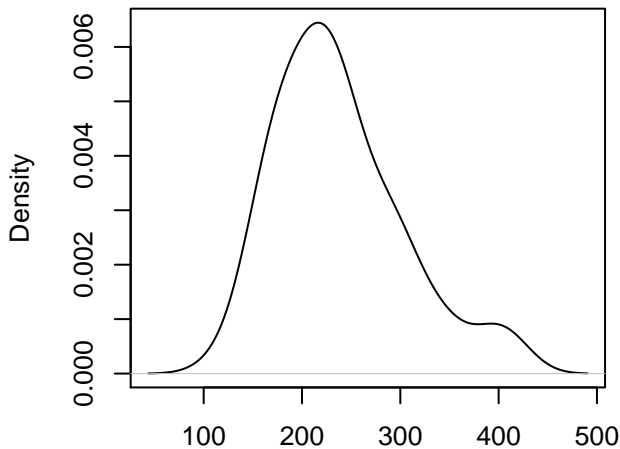
Insert size, N =41  
breakpoint: 9454391 – 9454497 tsu-0 kn-0

**Bp = 1308 line = MAGIC.183 , Chr = 4**



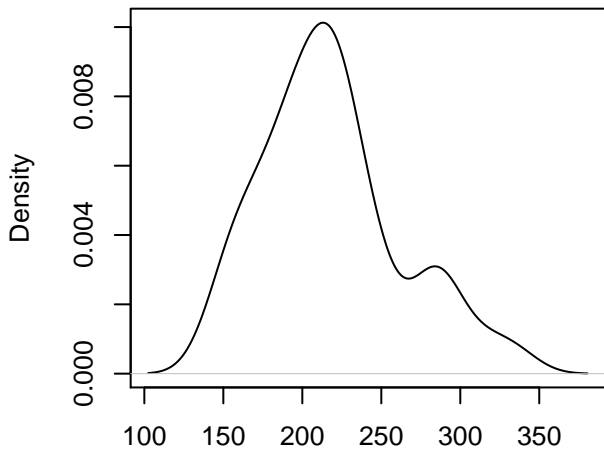
Insert size, N =43  
breakpoint: 9460356 – 9460370 kn-0 can-0

**Bp = 1309 line = MAGIC.183 , Chr = 4**



Insert size, N =70  
breakpoint: 9467607 – 9467608 can-0 ler-0

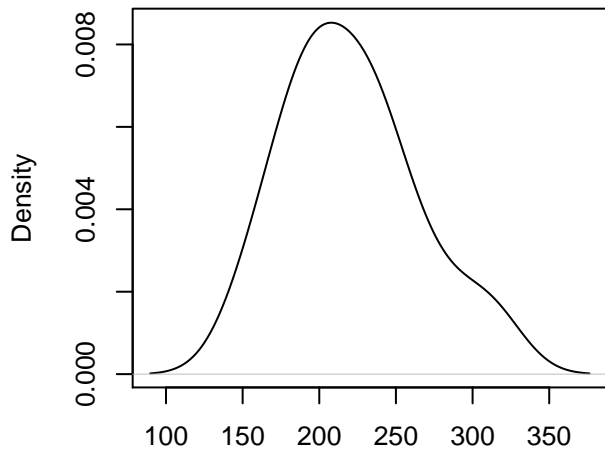
**Bp = 1310 line = MAGIC.183 , Chr = 4**



Insert size, N =43

breakpoint: 9476602 – 9476607 ler-0 hi-0

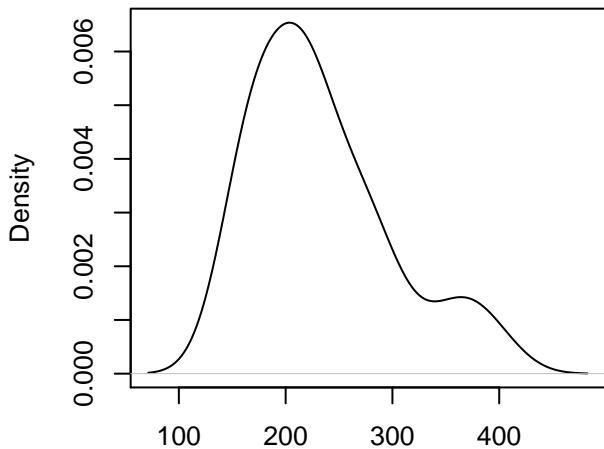
**Bp = 1311 line = MAGIC.183 , Chr = 4**



Insert size, N =12

breakpoint: 9575688 – 9575695 hi-0 ler-0

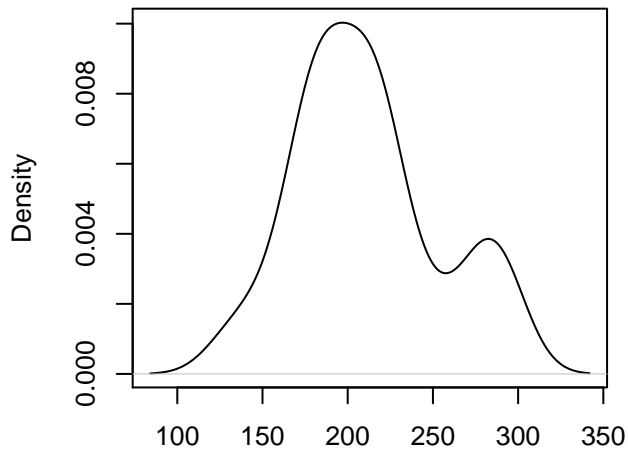
**Bp = 1312 line = MAGIC.183 , Chr = 4**



Insert size, N =47

breakpoint: 9585226 – 9585298 ler-0 po-0

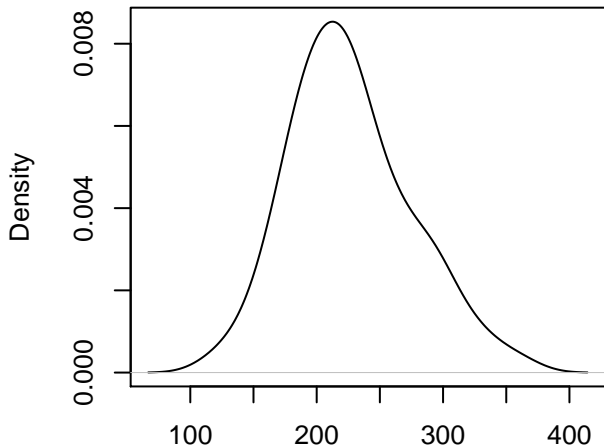
**Bp = 1313 line = MAGIC.183 , Chr = 4**



Insert size, N =19

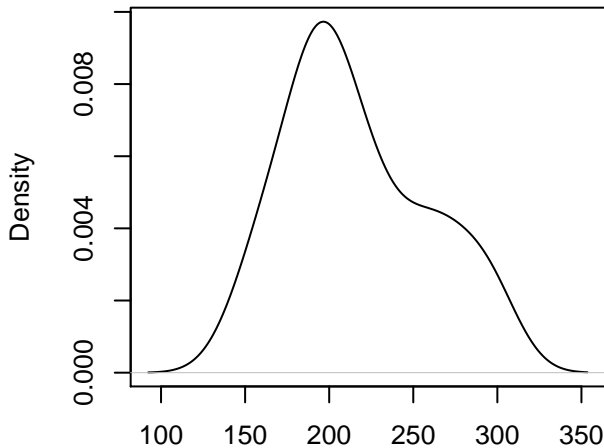
breakpoint: 9637714 – 9637819 po-0 rsch-4

**Bp = 1314 line = MAGIC.183 , Chr = 4**



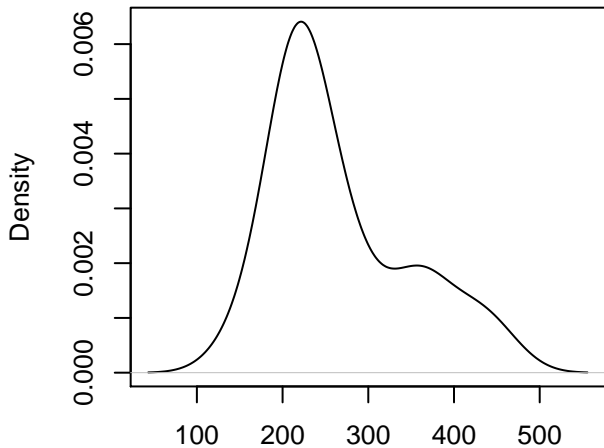
Insert size, N =70  
breakpoint: 9650623 – 9650726 rsch-4 edi-0

**Bp = 1315 line = MAGIC.183 , Chr = 4**



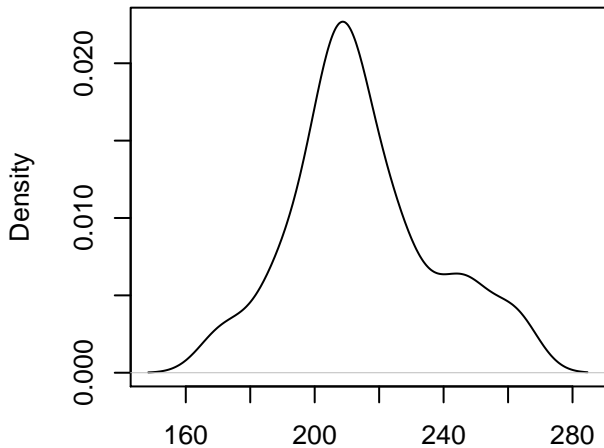
Insert size, N =53  
breakpoint: 9738465 – 9738583 edi-0 bur-0

**Bp = 1316 line = MAGIC.183 , Chr = 4**



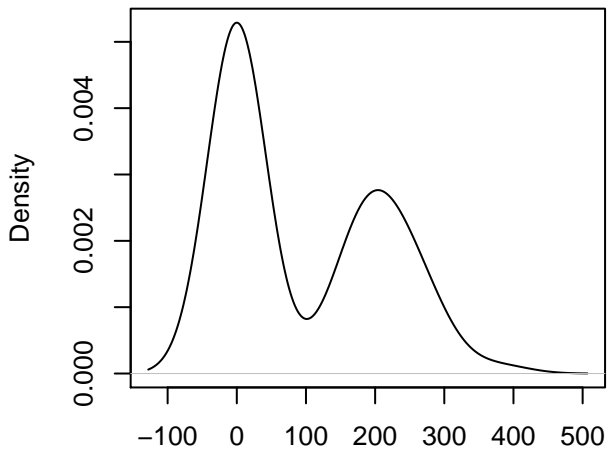
Insert size, N =30  
breakpoint: 9756552 – 9756561 bur-0 tsu-0

**Bp = 1317 line = MAGIC.183 , Chr = 4**



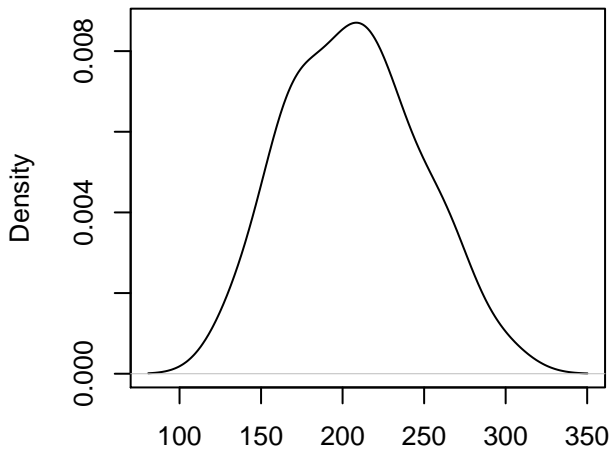
Insert size, N =45  
breakpoint: 9771580 – 9771685 tsu-0 can-0

**Bp = 1318 line = MAGIC.183 , Chr = 4**



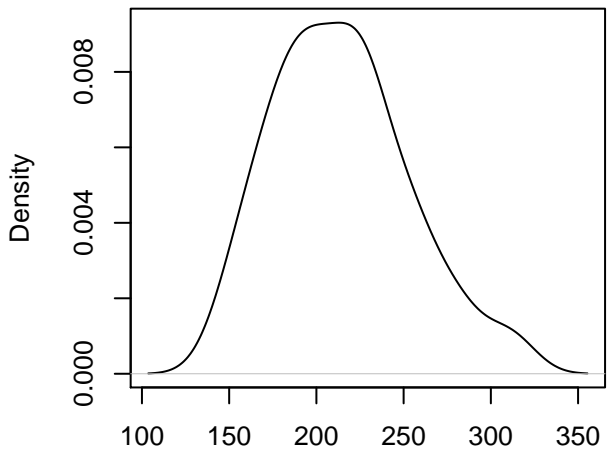
Insert size, N =76  
breakpoint: 9799146 – 9799151 can-0 po-0

**Bp = 1319 line = MAGIC.183 , Chr = 4**



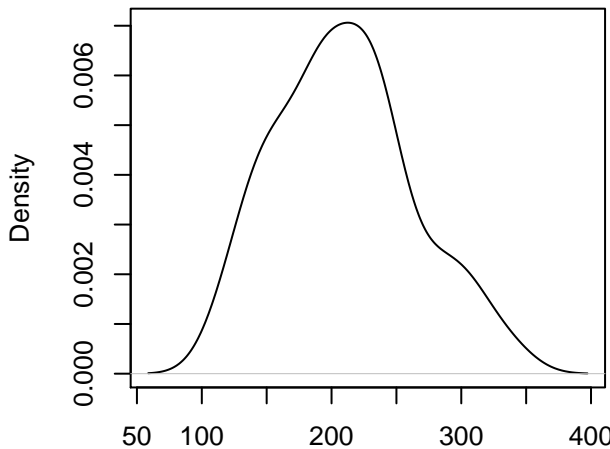
Insert size, N =34  
breakpoint: 9948398 – 9948399 po-0 sf-2

**Bp = 1320 line = MAGIC.183 , Chr = 4**



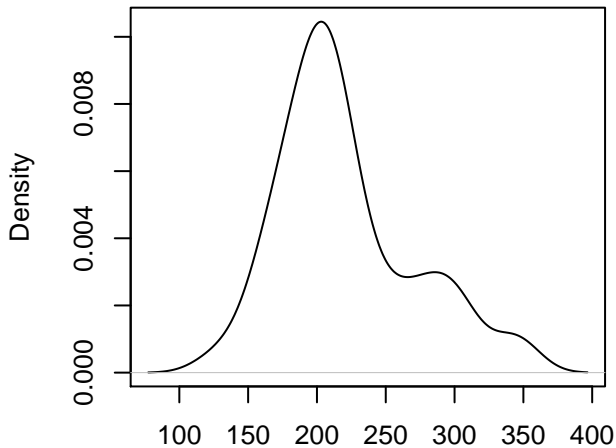
Insert size, N =55  
breakpoint: 9962373 – 9962403 sf-2 bur-0

**Bp = 1321 line = MAGIC.183 , Chr = 4**



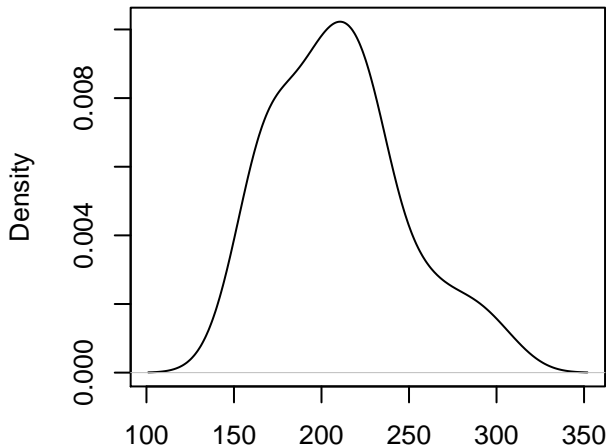
Insert size, N =45  
breakpoint: 9988275 – 9988289 bur-0 edi-0

**Bp = 1322 line = MAGIC.183 , Chr = 4**



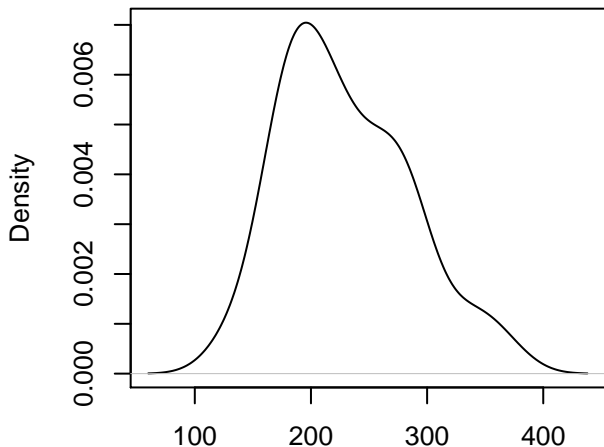
Insert size, N =46  
breakpoint: 10037736 – 10037806 edi-0 ct-1

**Bp = 1323 line = MAGIC.183 , Chr = 4**



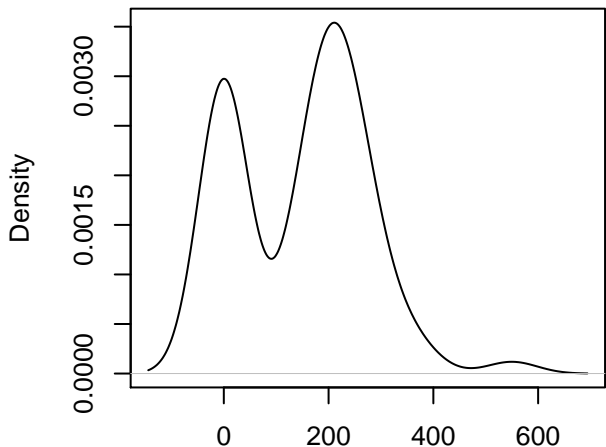
Insert size, N =51  
breakpoint: 10046207 – 10046260 ct-1 col-0

**Bp = 1324 line = MAGIC.183 , Chr = 4**



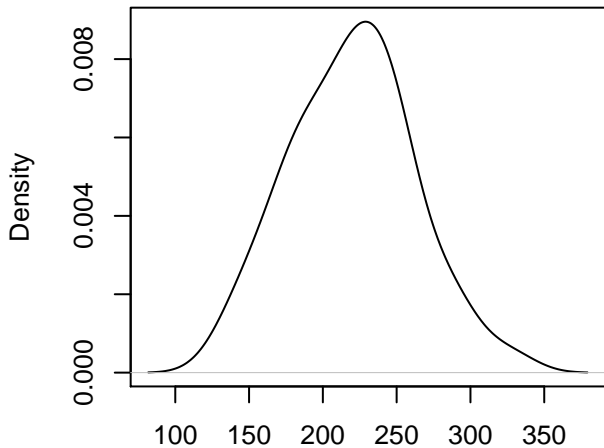
Insert size, N =48  
breakpoint: 10063130 – 10063426 col-0 edi-0

**Bp = 1325 line = MAGIC.183 , Chr = 4**



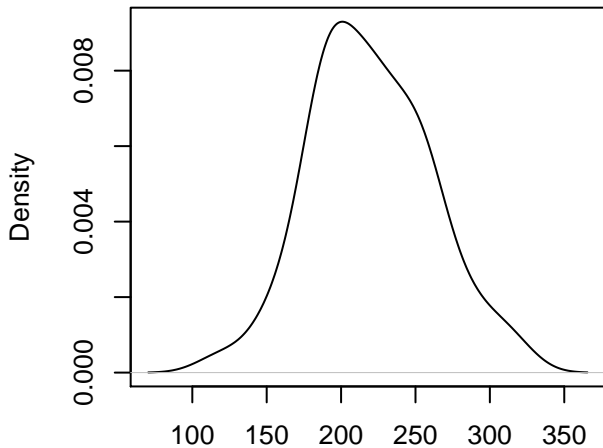
Insert size, N =70  
breakpoint: 10105708 – 10105709 edi-0 wil-2

**Bp = 1326 line = MAGIC.183 , Chr = 4**



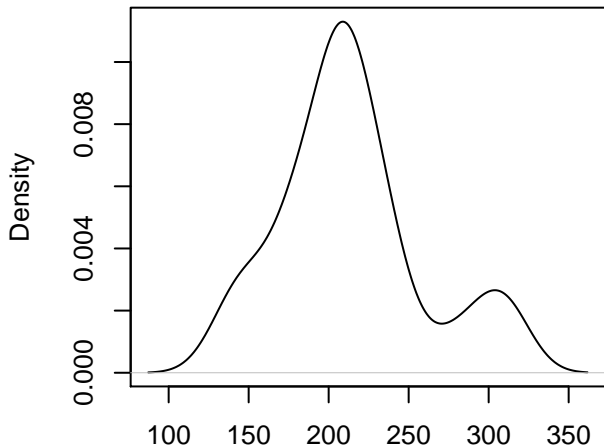
Insert size, N =48  
breakpoint: 10142547 – 10142664 wil-2 wu-0

**Bp = 1327 line = MAGIC.183 , Chr = 4**



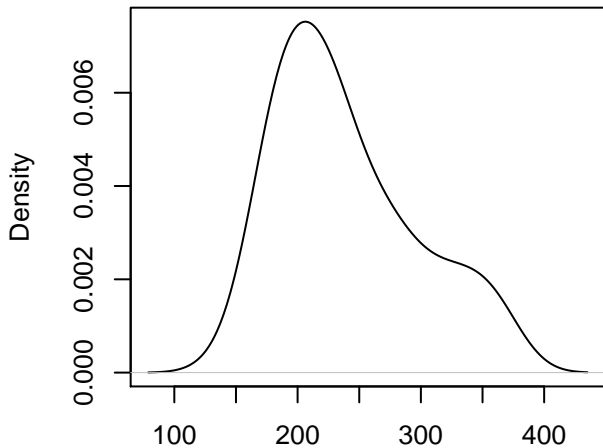
Insert size, N =57  
breakpoint: 10184212 – 10184348 wu-0 zu-0

**Bp = 1328 line = MAGIC.183 , Chr = 4**



Insert size, N =34  
breakpoint: 10587162 – 10587203 zu-0 wil-2

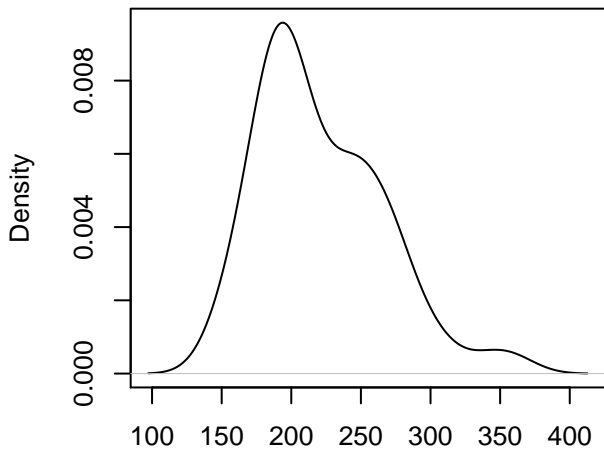
**Bp = 1329 line = MAGIC.183 , Chr = 4**



Insert size, N =54  
breakpoint: 10607888 – 10607894 wil-2 bur-0

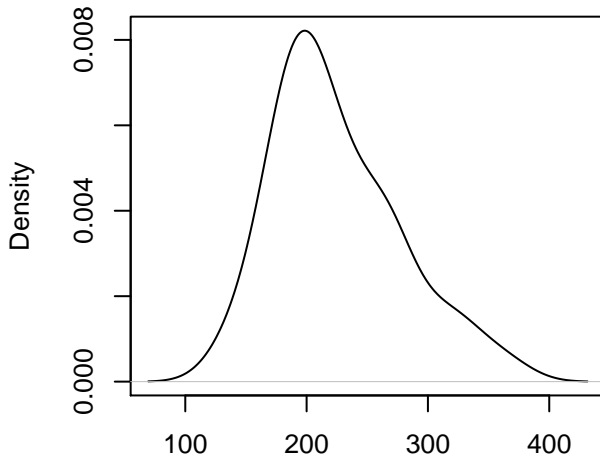


**Bp = 1330 line = MAGIC.183 , Chr = 4**



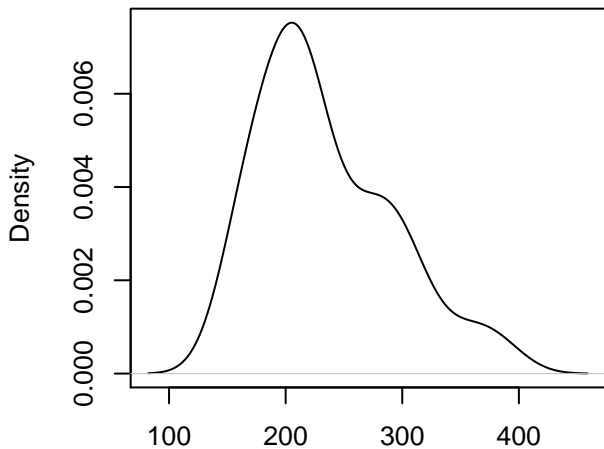
Insert size, N =65  
breakpoint: 10656383 – 10656569 bur-0 sf-2

**Bp = 1331 line = MAGIC.183 , Chr = 4**



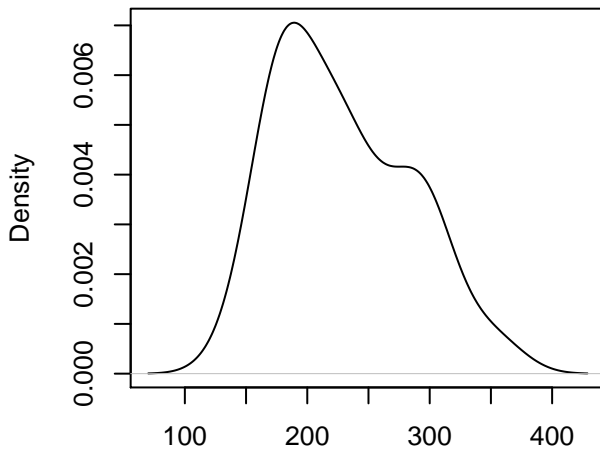
Insert size, N =43  
breakpoint: 10660418 – 10660480 sf-2 bur-0

**Bp = 1332 line = MAGIC.183 , Chr = 4**



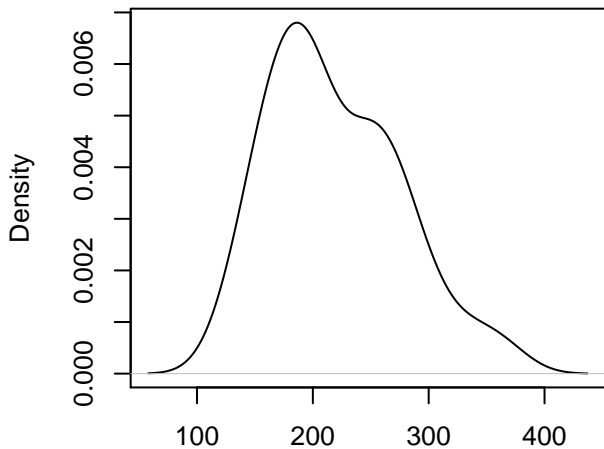
Insert size, N =72  
breakpoint: 10673430 – 10673533 bur-0 oy-0

**Bp = 1333 line = MAGIC.183 , Chr = 4**



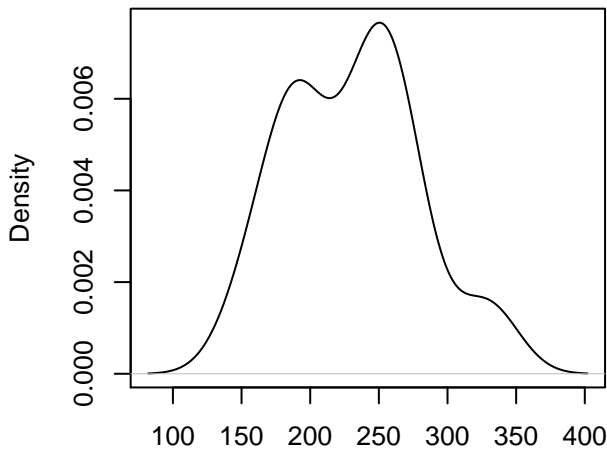
Insert size, N =45  
breakpoint: 10746474 – 10746475 oy-0 wu-0

**Bp = 1334 line = MAGIC.183 , Chr = 4**



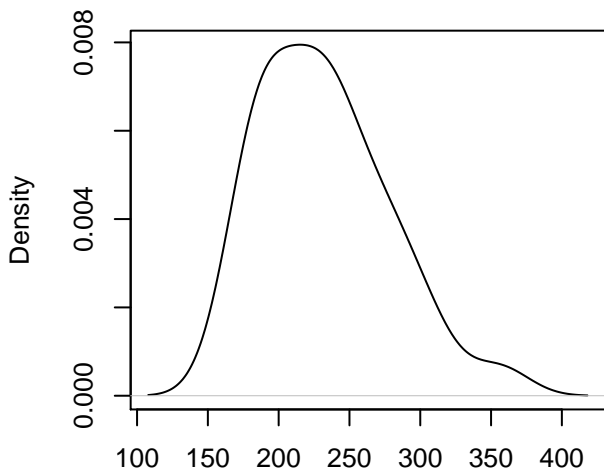
Insert size, N =50  
breakpoint: 10760181 – 10760268 wu-0 wil-2

**Bp = 1335 line = MAGIC.183 , Chr = 4**



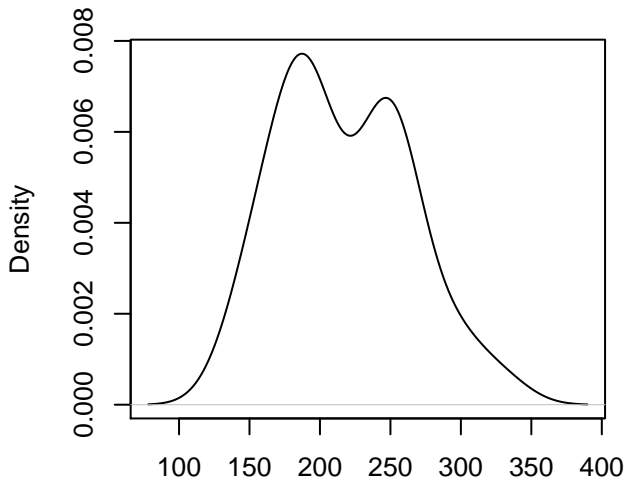
Insert size, N =35  
breakpoint: 10841071 – 10841097 wil-2 tsu-0

**Bp = 1336 line = MAGIC.183 , Chr = 4**



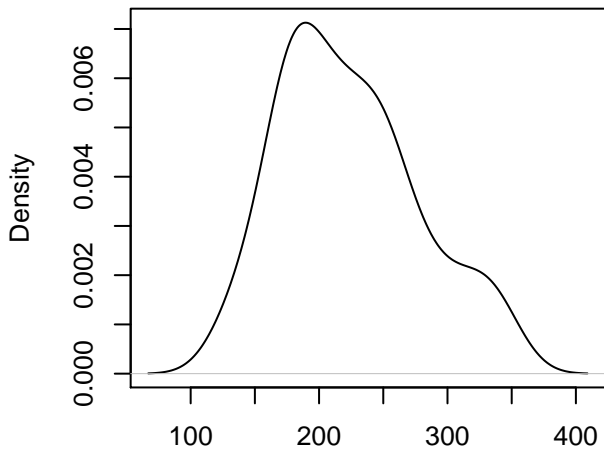
Insert size, N =30  
breakpoint: 10922650 – 10922658 tsu-0 sf-2

**Bp = 1337 line = MAGIC.183 , Chr = 4**



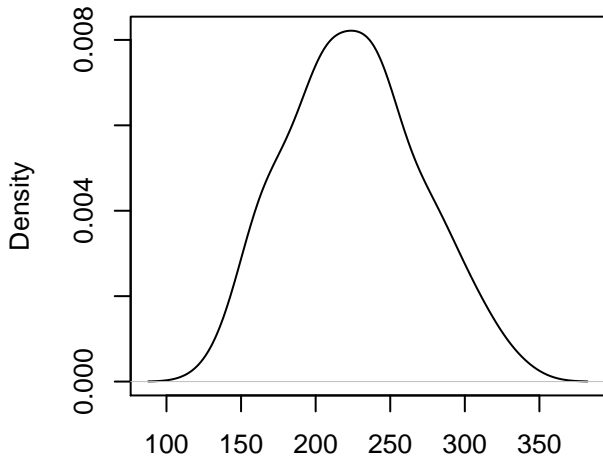
Insert size, N =37  
breakpoint: 11004325 – 11004347 sf-2 tsu-0

**Bp = 1338 line = MAGIC.183 , Chr = 4**



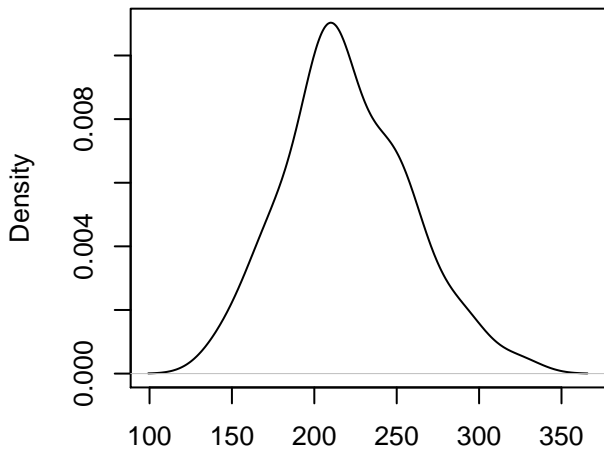
Insert size, N =73  
breakpoint: 11017100 – 11017121 tsu-0 zu-0

**Bp = 1339 line = MAGIC.183 , Chr = 4**



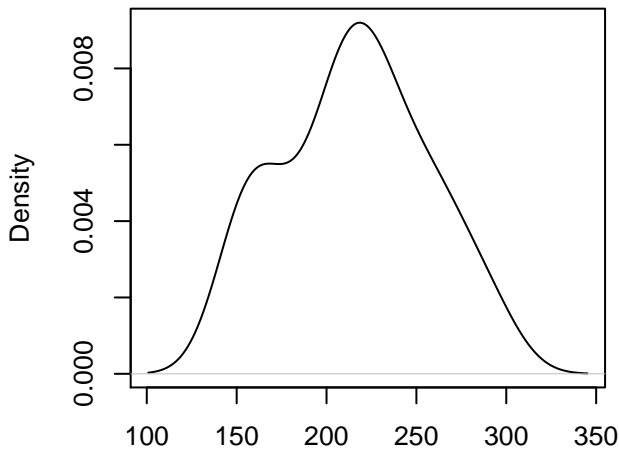
Insert size, N =80  
breakpoint: 11019367 – 11019454 zu-0 wu-0

**Bp = 1340 line = MAGIC.183 , Chr = 4**



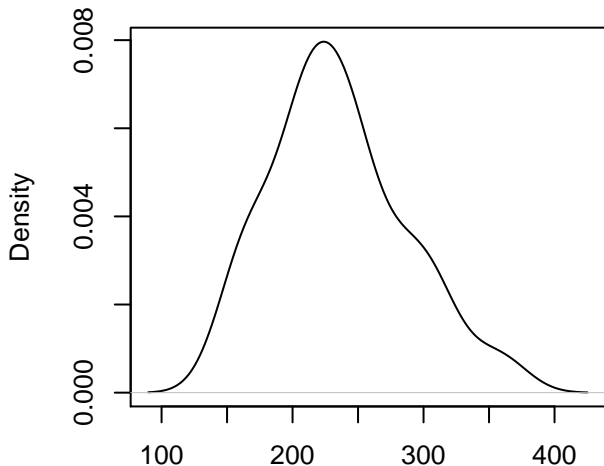
Insert size, N =59  
breakpoint: 11025470 – 11025484 wu-0 mt-0

**Bp = 1341 line = MAGIC.183 , Chr = 4**



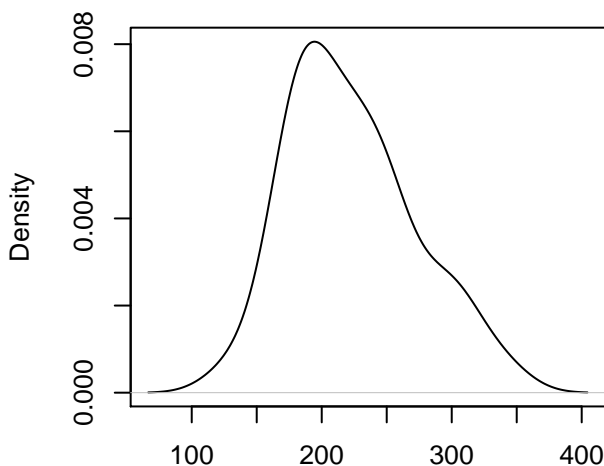
Insert size, N =36  
breakpoint: 11153801 – 11153824 mt-0 tsu-0

**Bp = 1342 line = MAGIC.183 , Chr = 4**



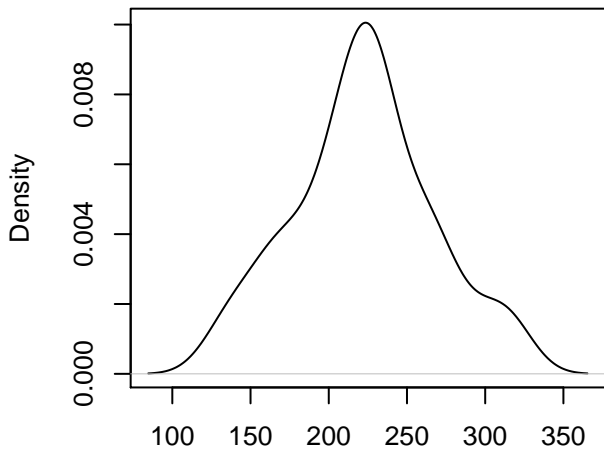
Insert size, N =45  
breakpoint: 11216738 – 11216831 tsu-0 mt-0

**Bp = 1343 line = MAGIC.183 , Chr = 4**



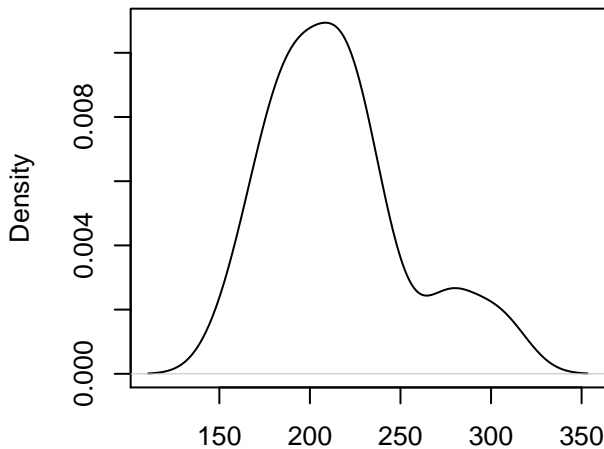
Insert size, N =34  
breakpoint: 11230725 – 11230727 mt-0 zu-0

**Bp = 1344 line = MAGIC.183 , Chr = 4**



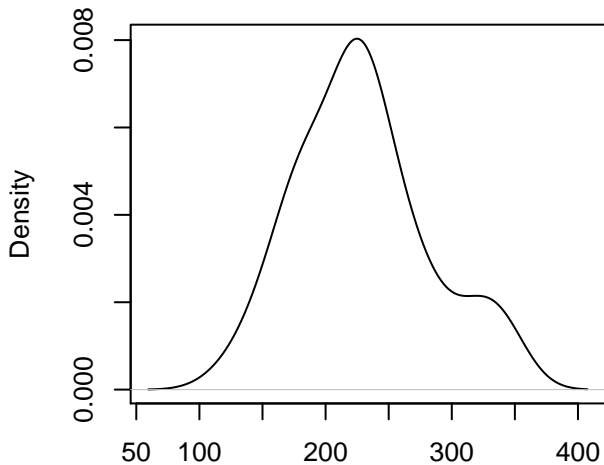
Insert size, N =39  
breakpoint: 11253992 – 11253998 zu-0 wil-2

**Bp = 1345 line = MAGIC.183 , Chr = 4**



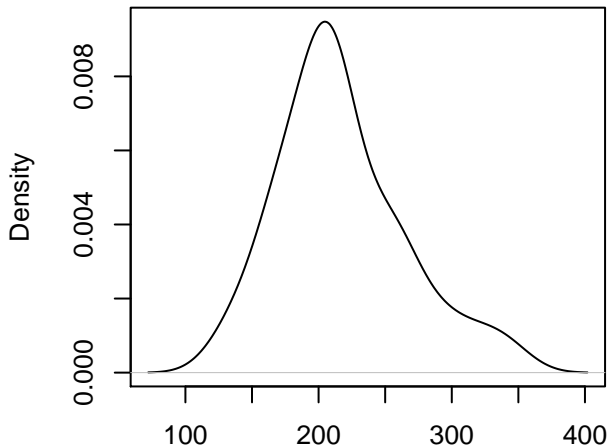
Insert size, N =27  
breakpoint: 11299878 – 11299881 wil-2 tsu-0

**Bp = 1346 line = MAGIC.183 , Chr = 4**



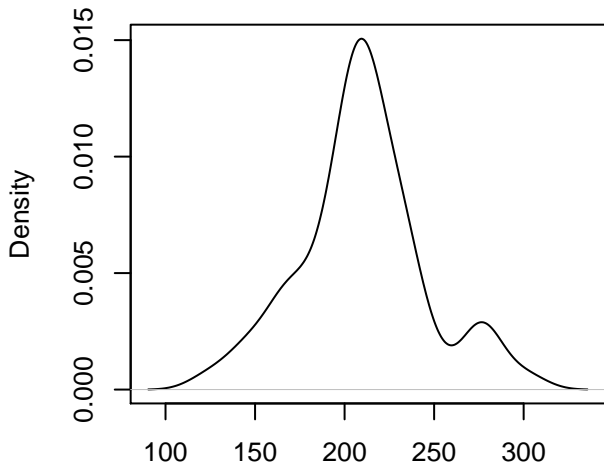
Insert size, N =52  
breakpoint: 11334646 – 11334819 tsu-0 wu-0

**Bp = 1347 line = MAGIC.183 , Chr = 4**



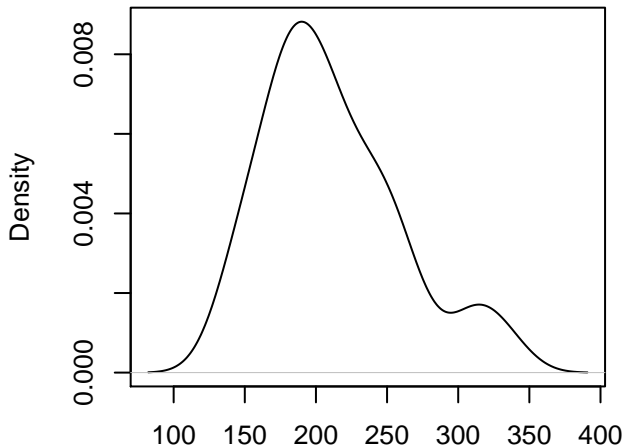
Insert size, N =50  
breakpoint: 11428104 – 11428155 wu-0 no-0

**Bp = 1348 line = MAGIC.183 , Chr = 4**



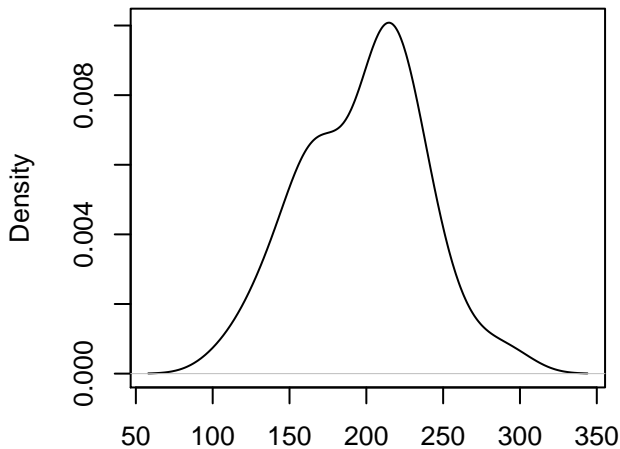
Insert size, N =61  
breakpoint: 11482834 – 11482876 no-0 ct-1

**Bp = 1349 line = MAGIC.183 , Chr = 4**



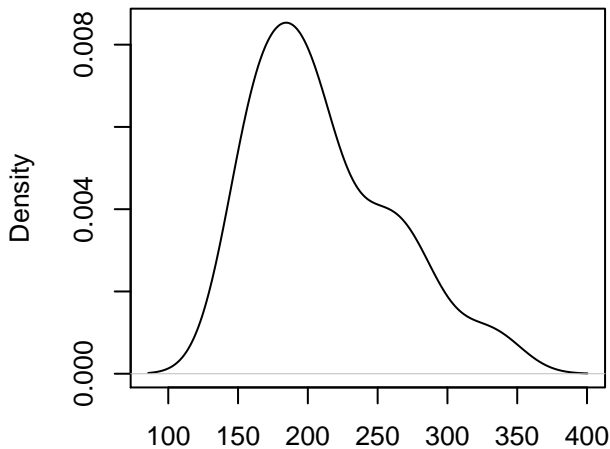
Insert size, N =66  
breakpoint: 11571554 – 11571562 ct-1 zu-0

**Bp = 1350 line = MAGIC.183 , Chr = 4**



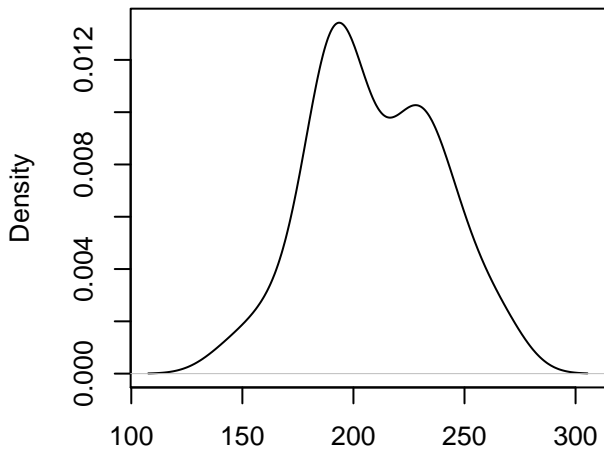
Insert size, N =50  
breakpoint: 11638130 – 11638205 zu-0 oy-0

**Bp = 1351 line = MAGIC.183 , Chr = 4**



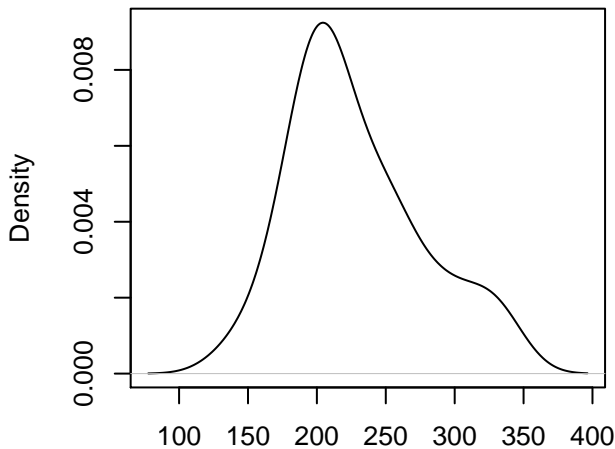
Insert size, N =39  
breakpoint: 11661081 – 11661267 oy-0 edi-0

**Bp = 1352 line = MAGIC.183 , Chr = 4**



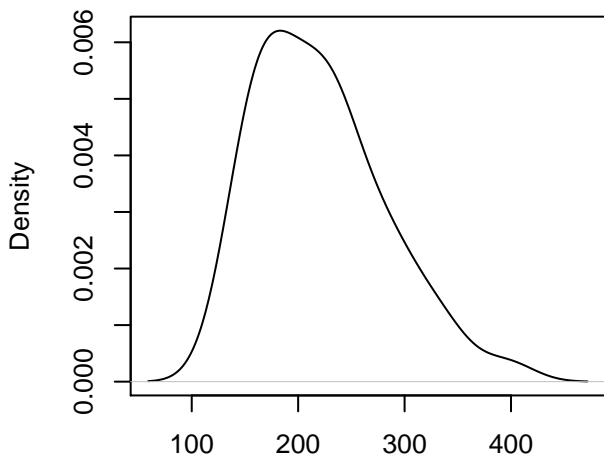
Insert size, N =51  
breakpoint: 11776120 – 11776200 edi-0 wil-2

**Bp = 1353 line = MAGIC.183 , Chr = 4**



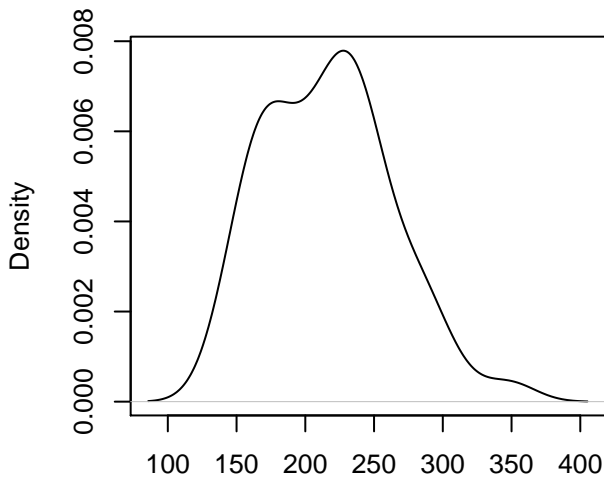
Insert size, N =54  
breakpoint: 11866291 – 11866358 wil-2 kn-0

**Bp = 1354 line = MAGIC.183 , Chr = 4**



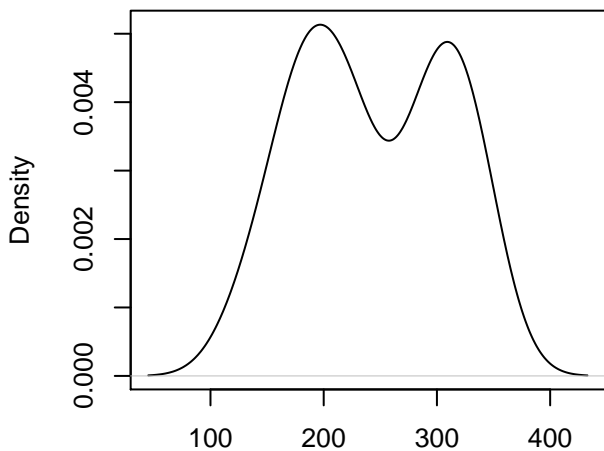
Insert size, N =46  
breakpoint: 11879921 – 11879988 kn-0 wu-0

**Bp = 1355 line = MAGIC.183 , Chr = 4**



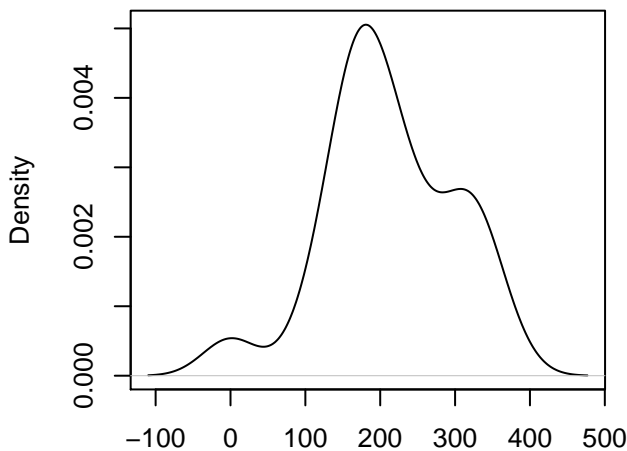
Insert size, N =49  
breakpoint: 11903312 – 11903355 wu-0 bur-0

**Bp = 1356 line = MAGIC.183 , Chr = 4**



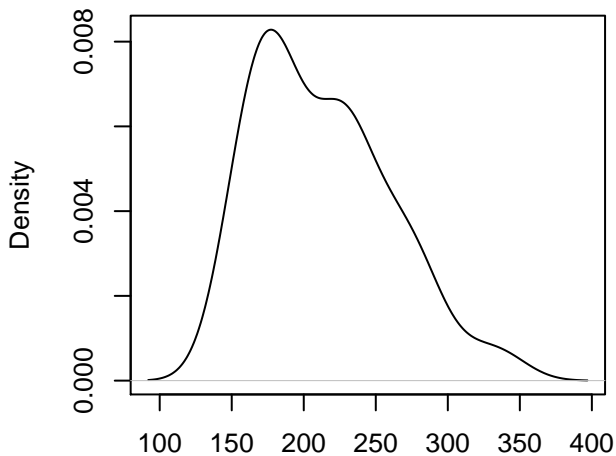
Insert size, N =39  
breakpoint: 12029453 – 12029454 bur-0 can-0

**Bp = 1357 line = MAGIC.183 , Chr = 4**

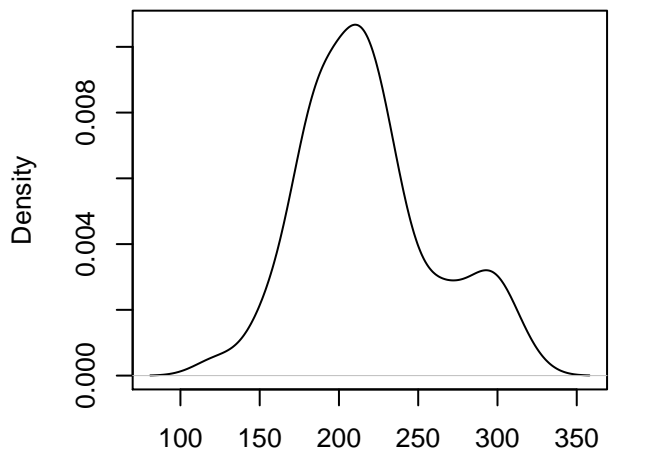


Insert size, N =41  
breakpoint: 12029715 – 12029725 can-0 bur-0

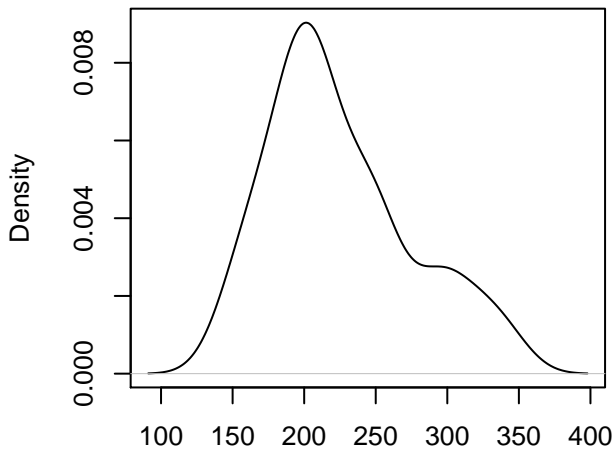
**Bp = 1358 line = MAGIC.183 , Chr = 4**



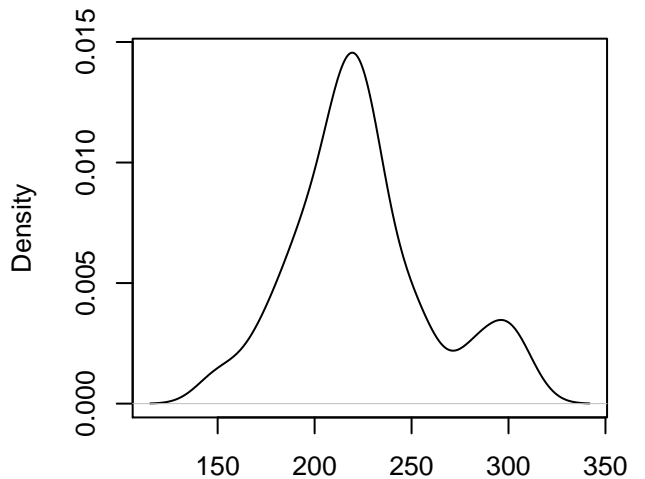
**Bp = 1359 line = MAGIC.183 , Chr = 4**



**Bp = 1360 line = MAGIC.183 , Chr = 4**

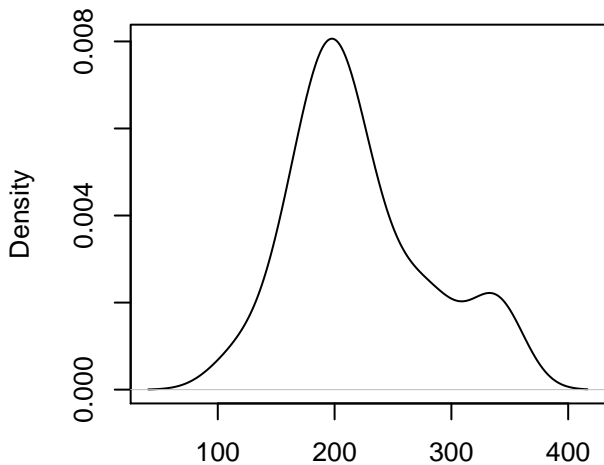


**Bp = 1361 line = MAGIC.183 , Chr = 4**



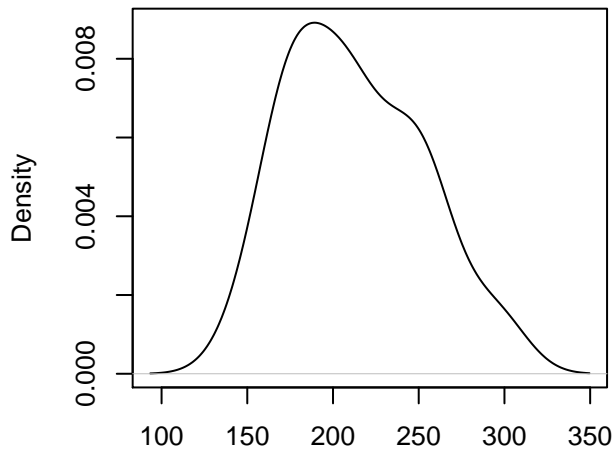


**Bp = 1362 line = MAGIC.183 , Chr = 4**



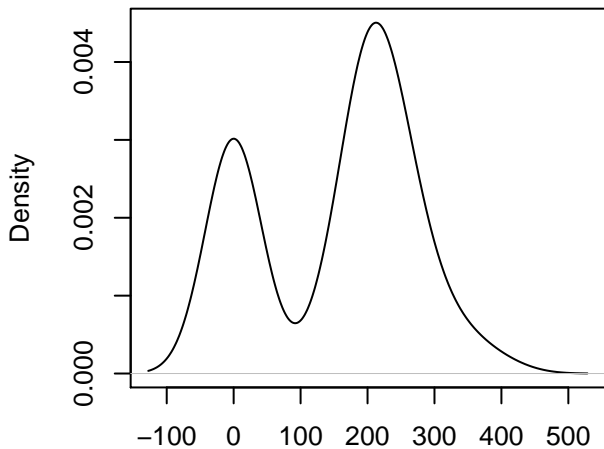
Insert size, N =49  
breakpoint: 12179796 – 12179860 rsch-4 col-0

**Bp = 1363 line = MAGIC.183 , Chr = 4**



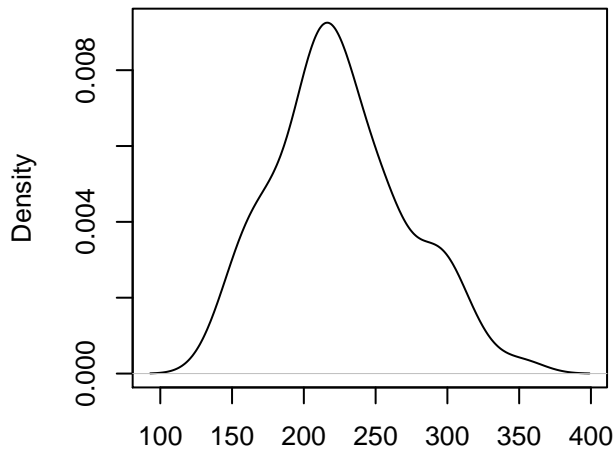
Insert size, N =34  
breakpoint: 12255774 – 12255881 col-0 rsch-4

**Bp = 1364 line = MAGIC.183 , Chr = 4**



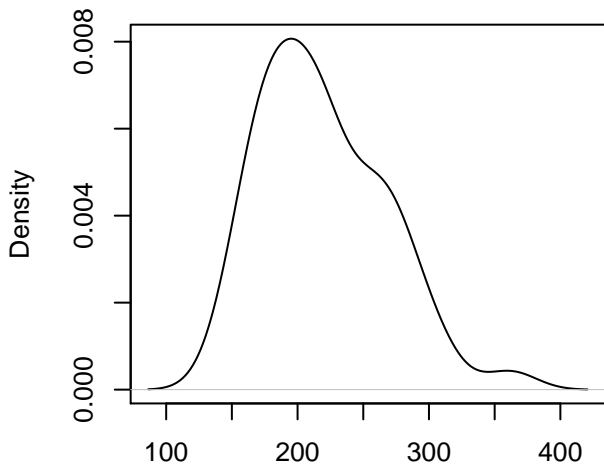
Insert size, N =84  
breakpoint: 12306531 – 12306569 rsch-4 ler-0

**Bp = 1365 line = MAGIC.183 , Chr = 4**



Insert size, N =78  
breakpoint: 12314372 – 12314385 ler-0 rsch-4

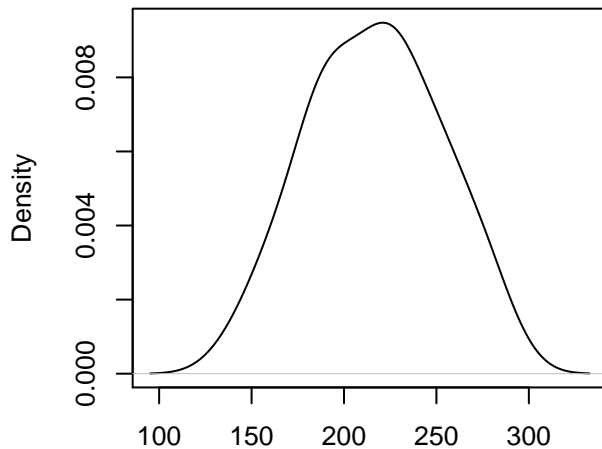
**Bp = 1366 line = MAGIC.183 , Chr = 4**



Insert size, N =49

breakpoint: 12345295 – 12345391 rsch-4 bur-0

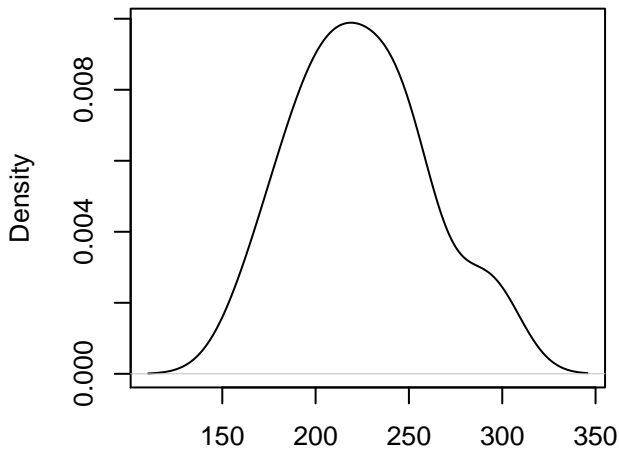
**Bp = 1367 line = MAGIC.183 , Chr = 4**



Insert size, N =47

breakpoint: 12353590 – 12353627 bur-0 po-0

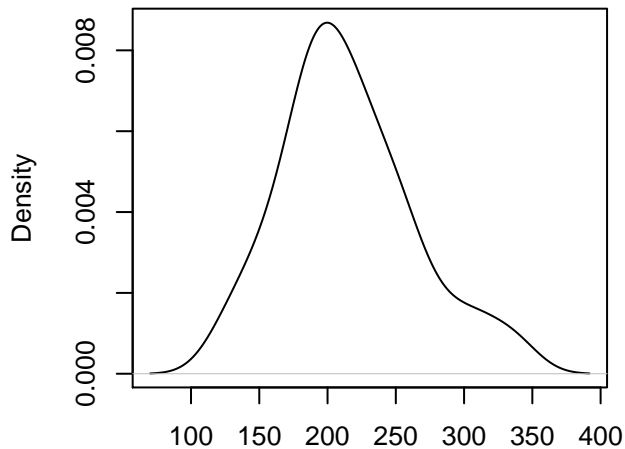
**Bp = 1368 line = MAGIC.183 , Chr = 4**



Insert size, N =28

breakpoint: 12394942 – 12395012 po-0 ler-0

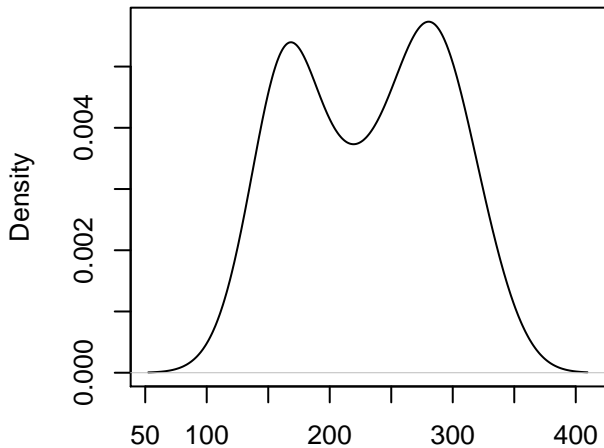
**Bp = 1369 line = MAGIC.183 , Chr = 4**



Insert size, N =60

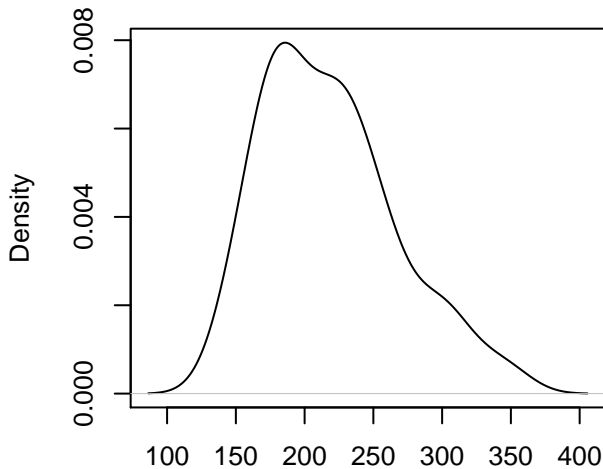
breakpoint: 12511050 – 12512067 ler-0 wu-0

**Bp = 1370 line = MAGIC.183 , Chr = 4**



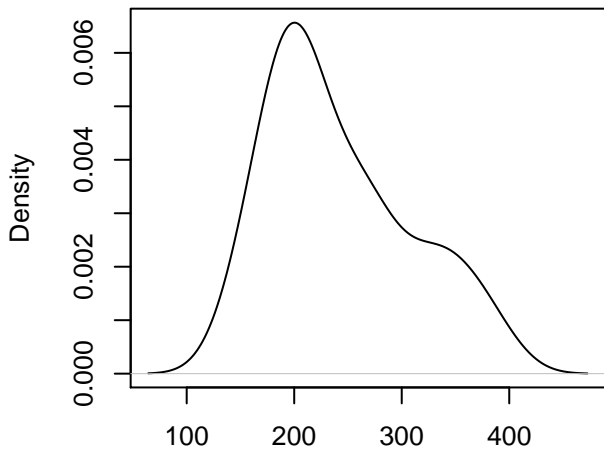
Insert size, N =46  
breakpoint: 12820744 – 12820749 wu-0 oy-0

**Bp = 1371 line = MAGIC.183 , Chr = 4**



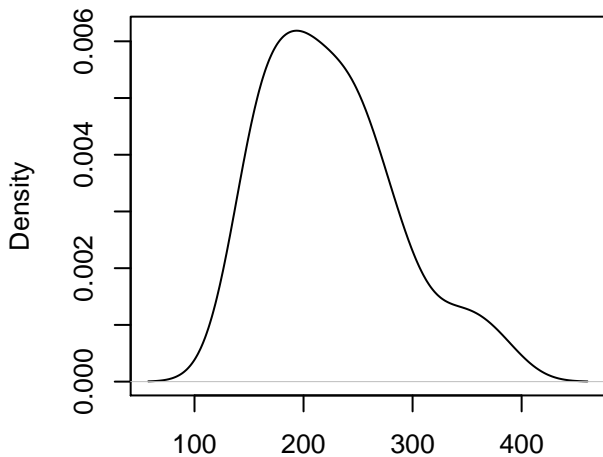
Insert size, N =72  
breakpoint: 13018924 – 13018962 oy-0 sf-2

**Bp = 1372 line = MAGIC.183 , Chr = 4**



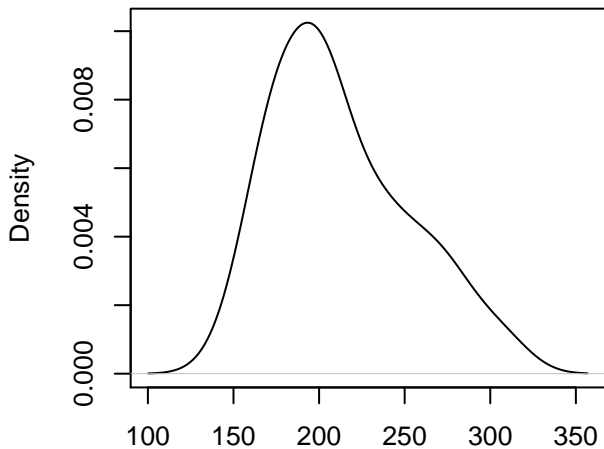
Insert size, N =47  
breakpoint: 13079298 – 13079343 sf-2 po-0

**Bp = 1373 line = MAGIC.183 , Chr = 4**



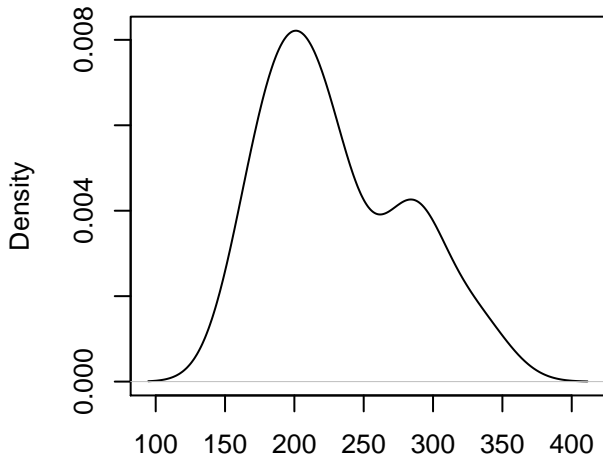
Insert size, N =61  
breakpoint: 13129995 – 13130272 po-0 ler-0

**Bp = 1374 line = MAGIC.183 , Chr = 4**



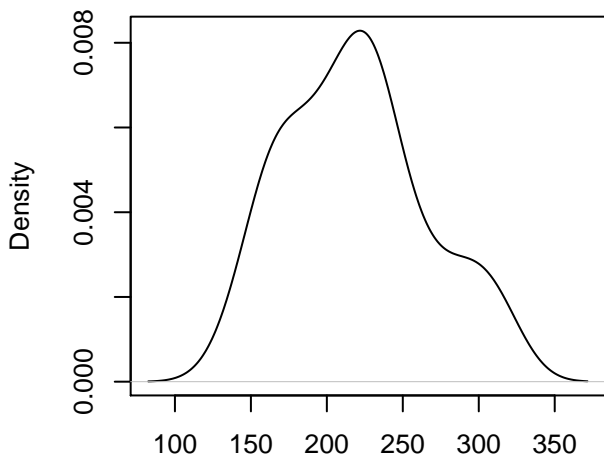
Insert size, N =48  
breakpoint: 13258223 – 13258225 ler-0 po-0

**Bp = 1375 line = MAGIC.183 , Chr = 4**



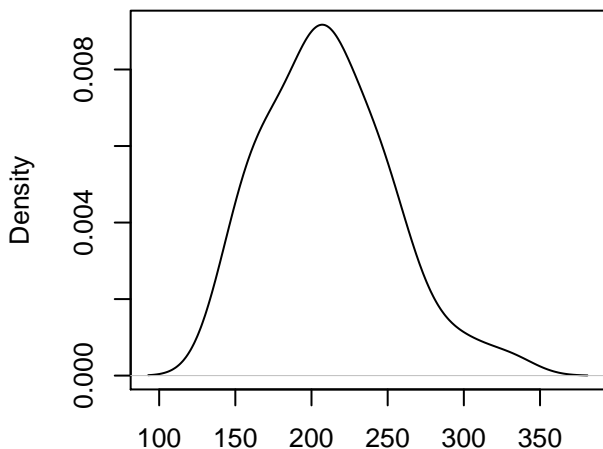
Insert size, N =61  
breakpoint: 13409764 – 13409841 po-0 col-0

**Bp = 1376 line = MAGIC.183 , Chr = 4**



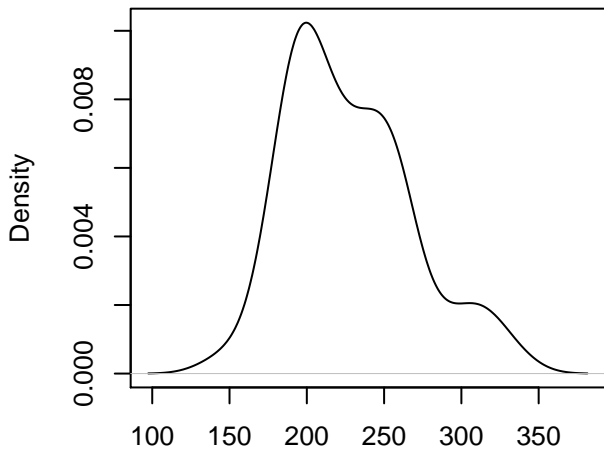
Insert size, N =47  
breakpoint: 13526532 – 13526587 col-0 oy-0

**Bp = 1377 line = MAGIC.183 , Chr = 4**



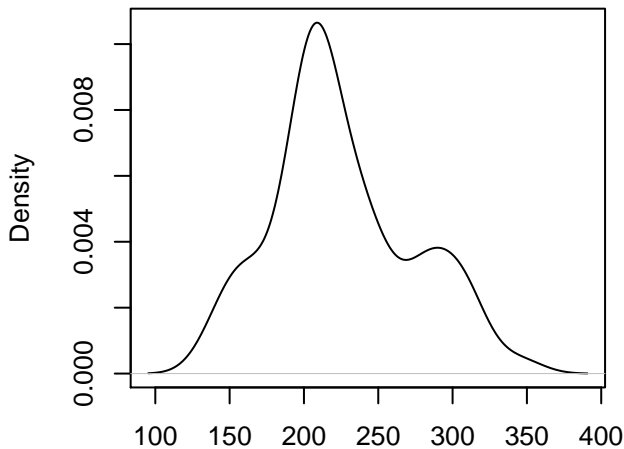
Insert size, N =55  
breakpoint: 13638386 – 13638407 oy-0 ler-0

**Bp = 1378 line = MAGIC.183 , Chr = 4**



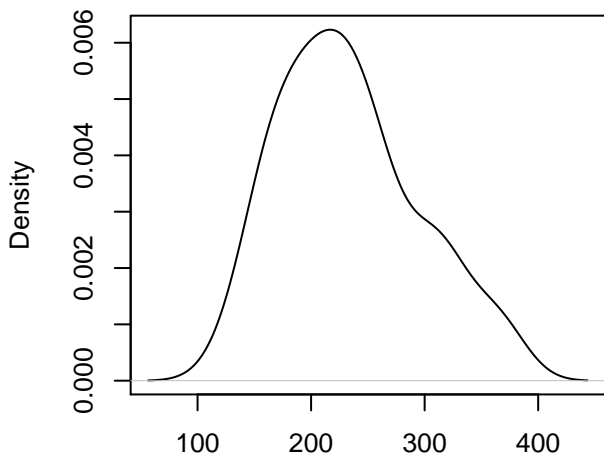
Insert size, N =71  
breakpoint: 13726411 – 13726461 ler-0 oy-0

**Bp = 1379 line = MAGIC.183 , Chr = 4**



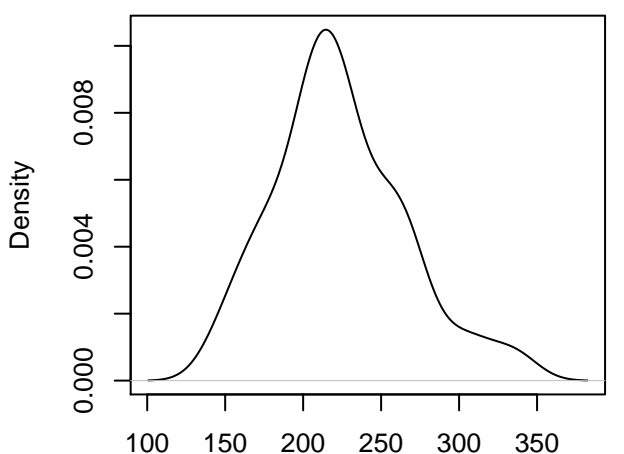
Insert size, N =67  
breakpoint: 13737106 – 13737113 oy-0 wu-0

**Bp = 1380 line = MAGIC.183 , Chr = 4**



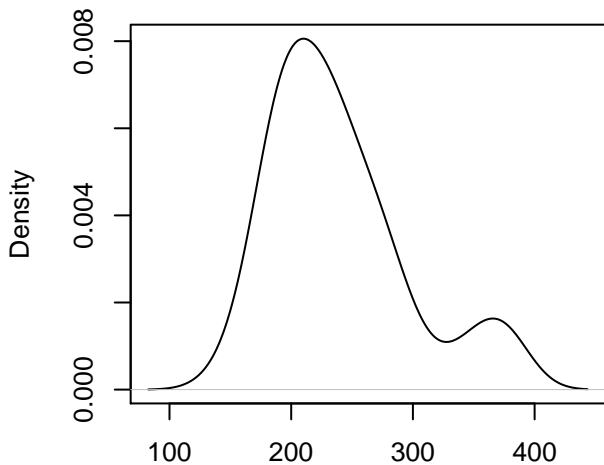
Insert size, N =46  
breakpoint: 13752351 – 13752401 wu-0 sf-2

**Bp = 1381 line = MAGIC.183 , Chr = 4**



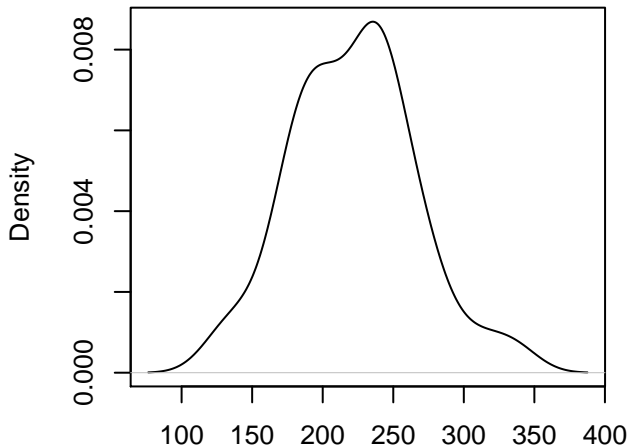
Insert size, N =75  
breakpoint: 13776587 – 13776682 sf-2 edi-0

**Bp = 1382 line = MAGIC.183 , Chr = 4**



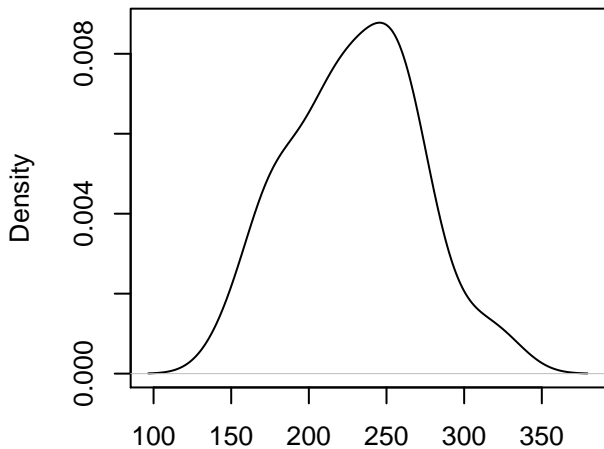
Insert size, N =54  
breakpoint: 14026388 – 14026575 edi-0 zu-0

**Bp = 1383 line = MAGIC.183 , Chr = 4**



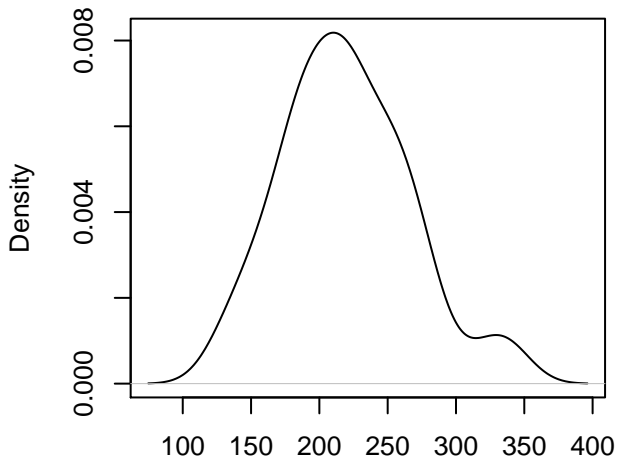
Insert size, N =36  
breakpoint: 14149567 – 14149705 zu-0 col-0

**Bp = 1384 line = MAGIC.183 , Chr = 4**



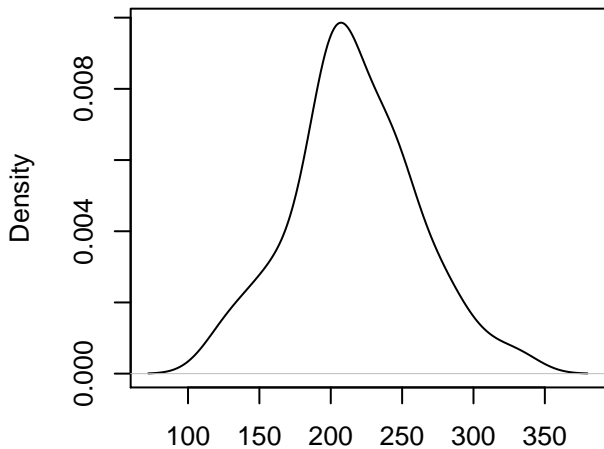
Insert size, N =59  
breakpoint: 14217167 – 14217267 col-0 edi-0

**Bp = 1385 line = MAGIC.183 , Chr = 4**



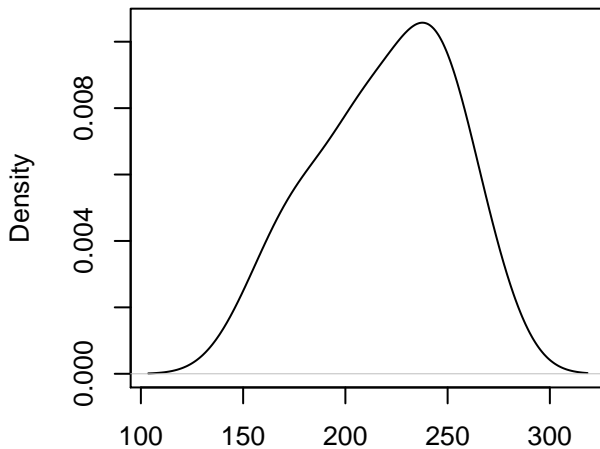
Insert size, N =70  
breakpoint: 14225734 – 14225856 edi-0 ws-0

**Bp = 1386 line = MAGIC.183 , Chr = 4**



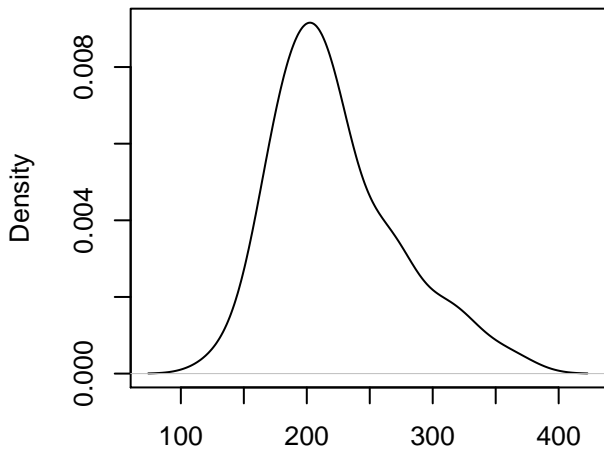
Insert size, N =45  
breakpoint: 14271153 – 14271225 ws-0 hi-0

**Bp = 1387 line = MAGIC.183 , Chr = 4**



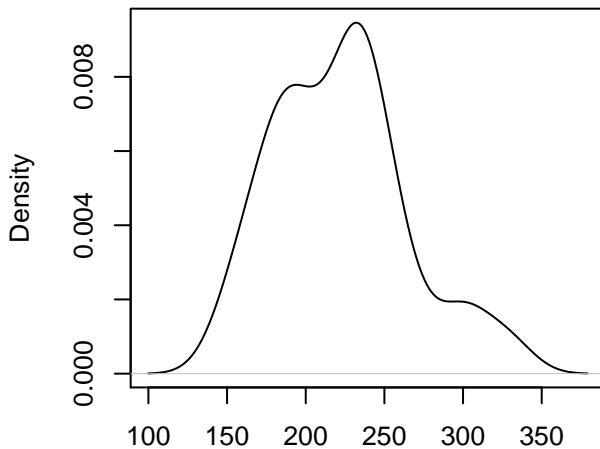
Insert size, N =28  
breakpoint: 14327883 – 14327895 hi-0 wu-0

**Bp = 1388 line = MAGIC.183 , Chr = 4**



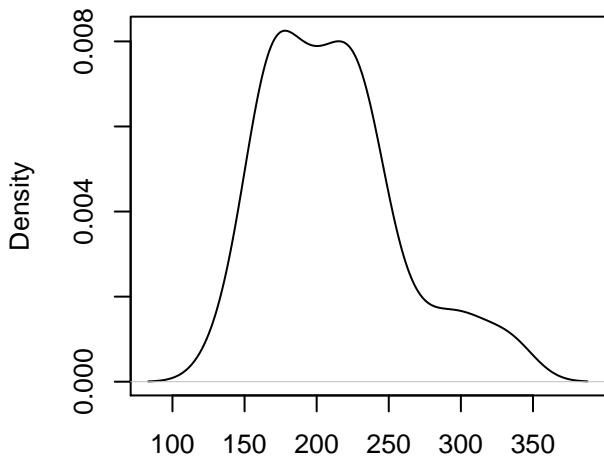
Insert size, N =46  
breakpoint: 14400336 – 14400524 wu-0 oy-0

**Bp = 1389 line = MAGIC.183 , Chr = 4**



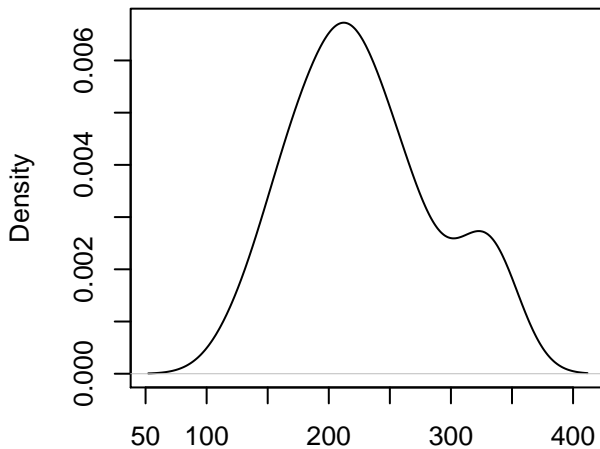
Insert size, N =55  
breakpoint: 14674304 – 14674352 oy-0 bur-0

**Bp = 1390 line = MAGIC.183 , Chr = 4**



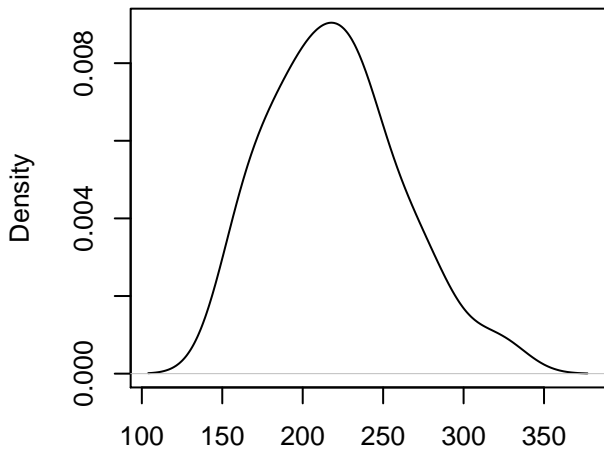
Insert size, N =56  
breakpoint: 14932240 – 14932425 bur-0 wu-0

**Bp = 1391 line = MAGIC.183 , Chr = 4**



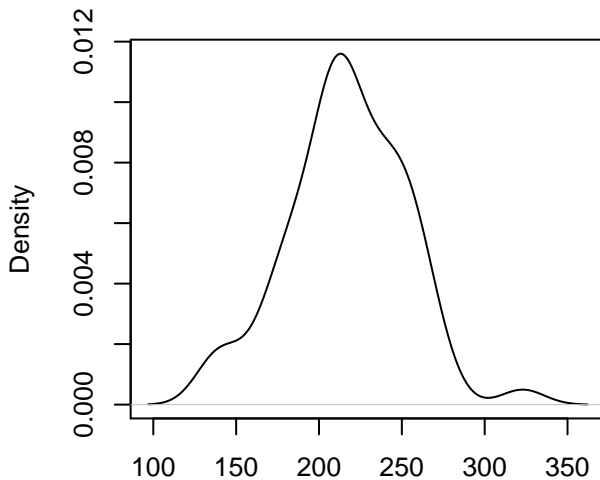
Insert size, N =38  
breakpoint: 14946238 – 14946294 wu-0 edi-0

**Bp = 1392 line = MAGIC.183 , Chr = 4**



Insert size, N =51  
breakpoint: 15098171 – 15098257 edi-0 rsch-4

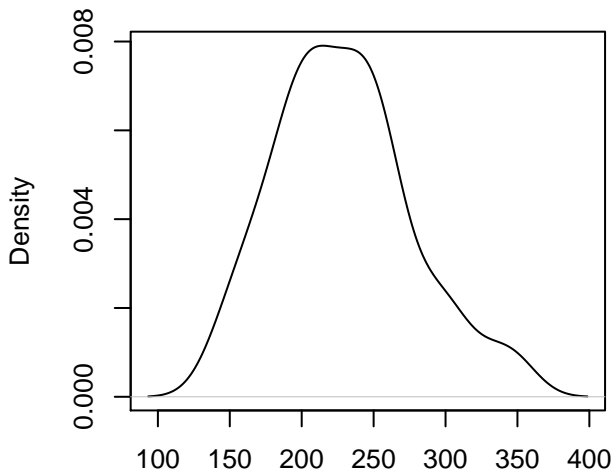
**Bp = 1393 line = MAGIC.183 , Chr = 4**



Insert size, N =62  
breakpoint: 15233631 – 15233746 rsch-4 tsu-0

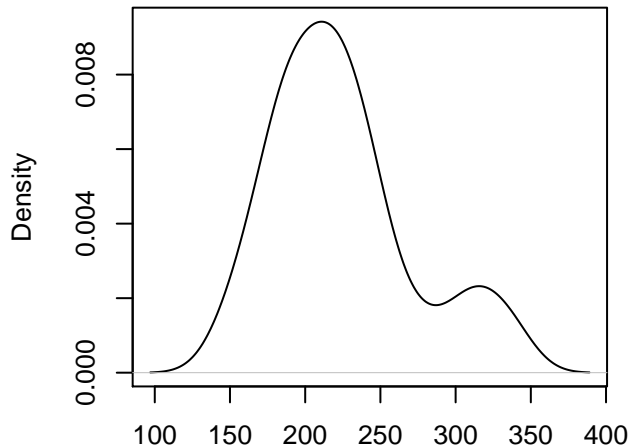


**Bp = 1394 line = MAGIC.183 , Chr = 4**



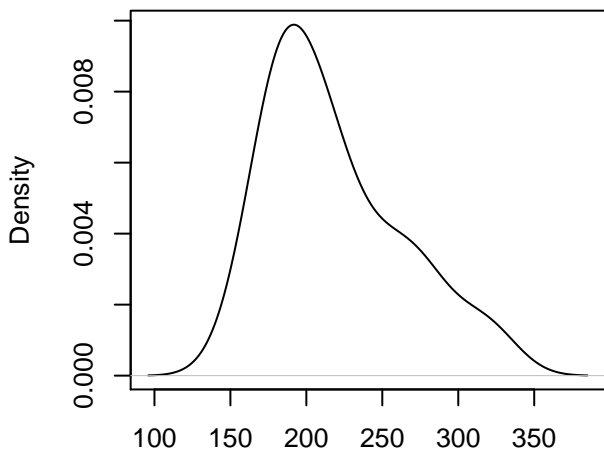
Insert size, N =59  
breakpoint: 15426783 – 15426900 tsu-0 ct-1

**Bp = 1395 line = MAGIC.183 , Chr = 4**



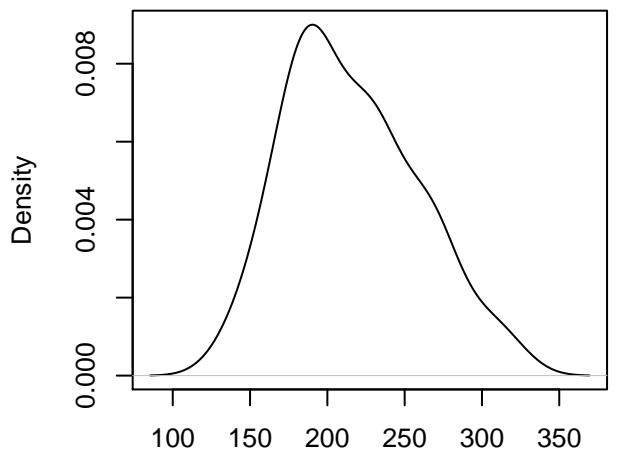
Insert size, N =48  
breakpoint: 15486954 – 15486969 ct-1 bur-0

**Bp = 1396 line = MAGIC.183 , Chr = 4**



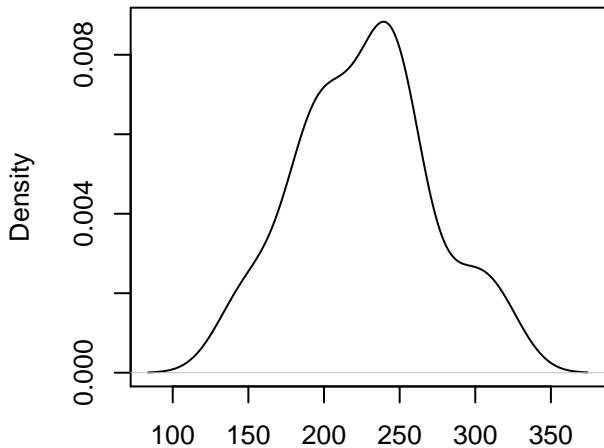
Insert size, N =46  
breakpoint: 15754315 – 15754329 bur-0 wil-2

**Bp = 1397 line = MAGIC.183 , Chr = 4**



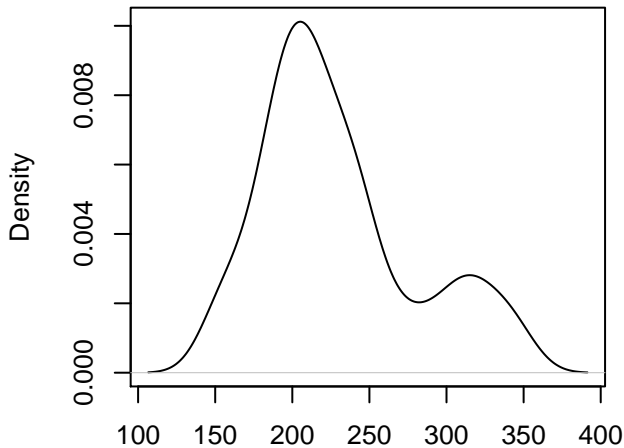
Insert size, N =67  
breakpoint: 15783140 – 15783156 wil-2 edi-0

**Bp = 1398 line = MAGIC.183 , Chr = 4**



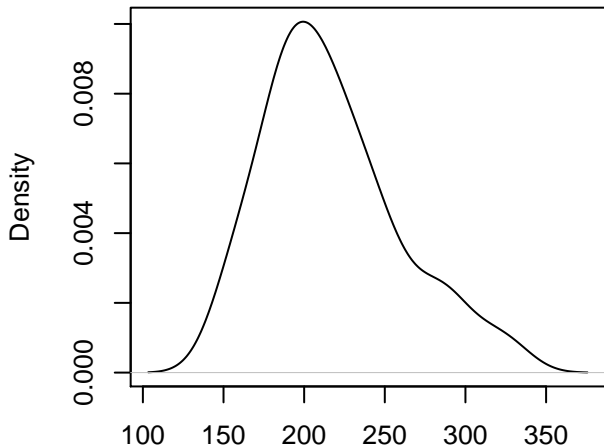
Insert size, N =43  
breakpoint: 15975570 – 15975730 edi-0 tsu-0

**Bp = 1399 line = MAGIC.183 , Chr = 4**



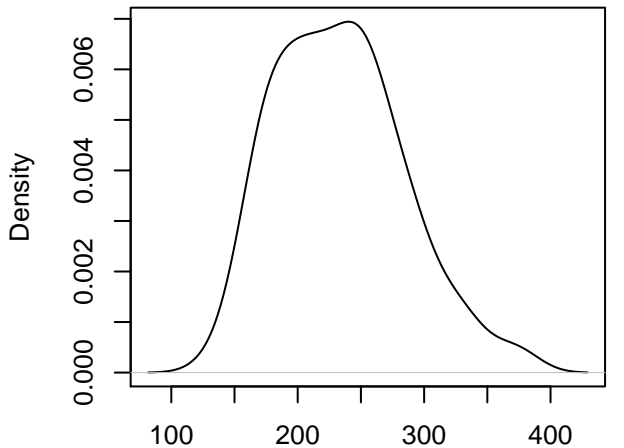
Insert size, N =60  
breakpoint: 16095841 – 16095922 tsu-0 can-0

**Bp = 1400 line = MAGIC.183 , Chr = 4**



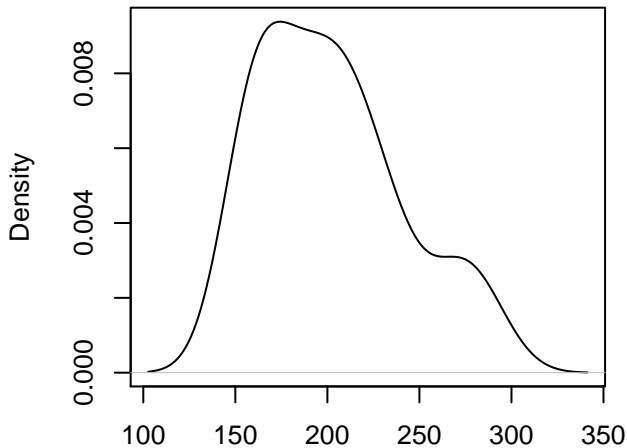
Insert size, N =71  
breakpoint: 16160038 – 16160427 can-0 edi-0

**Bp = 1401 line = MAGIC.183 , Chr = 4**

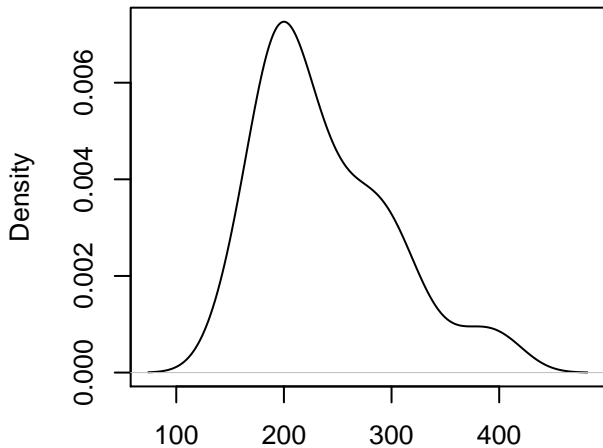


Insert size, N =92  
breakpoint: 16439834 – 16440139 edi-0 ct-1

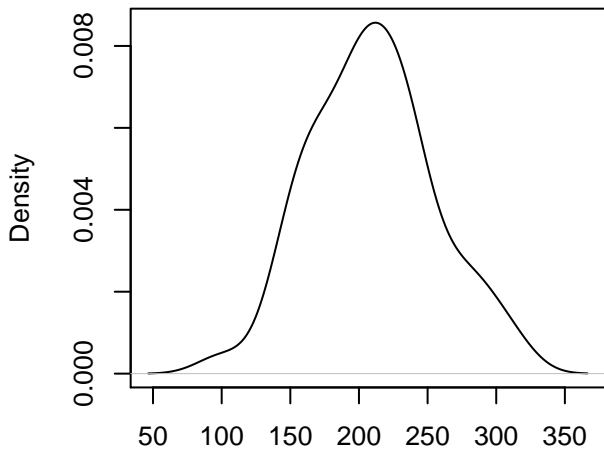
**Bp = 1402 line = MAGIC.183 , Chr = 4**



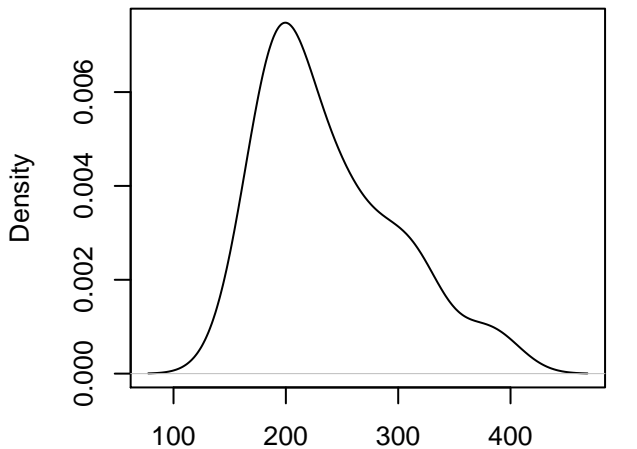
**Bp = 1403 line = MAGIC.183 , Chr = 4**



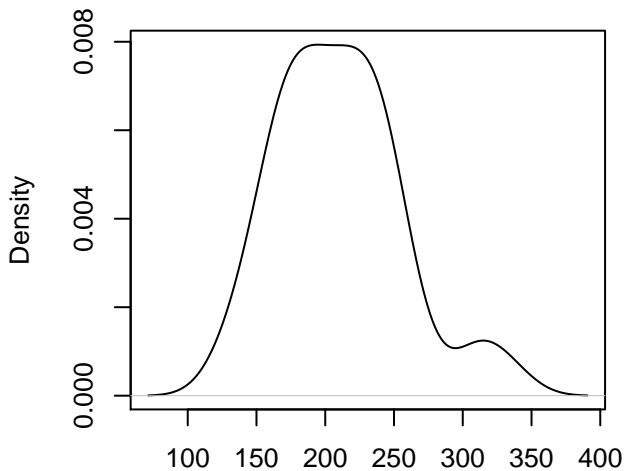
**Bp = 1404 line = MAGIC.183 , Chr = 4**



**Bp = 1405 line = MAGIC.183 , Chr = 4**



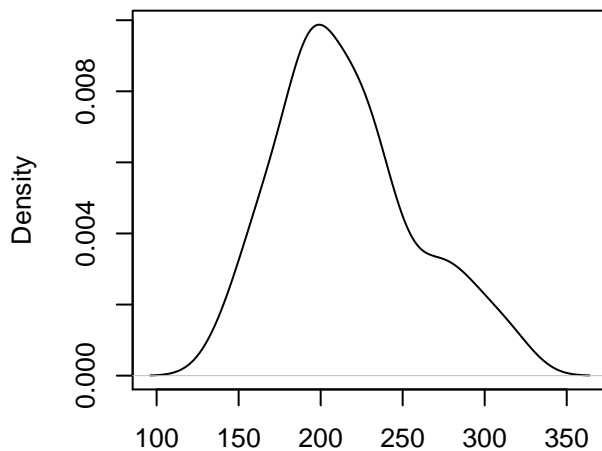
**Bp = 1406 line = MAGIC.183 , Chr = 4**



Insert size, N =44

breakpoint: 16766807 – 16766810 oy-0 sf-2

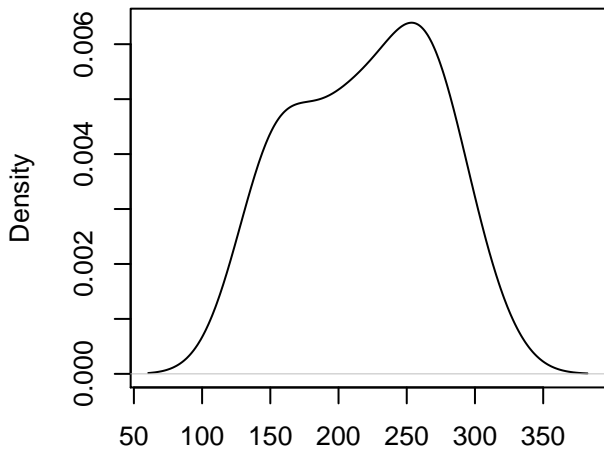
**Bp = 1407 line = MAGIC.183 , Chr = 4**



Insert size, N =67

breakpoint: 16826045 – 16826077 sf-2 mt-0

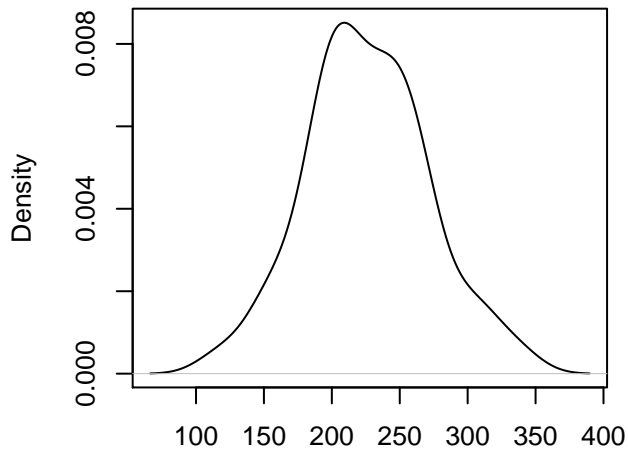
**Bp = 1408 line = MAGIC.183 , Chr = 4**



Insert size, N =27

breakpoint: 16851942 – 16851943 mt-0 no-0

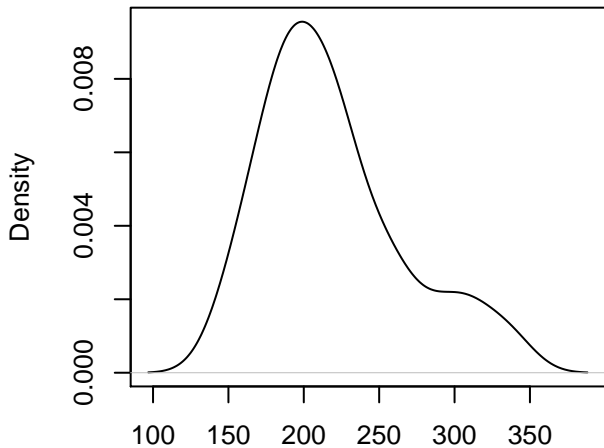
**Bp = 1409 line = MAGIC.183 , Chr = 4**



Insert size, N =45

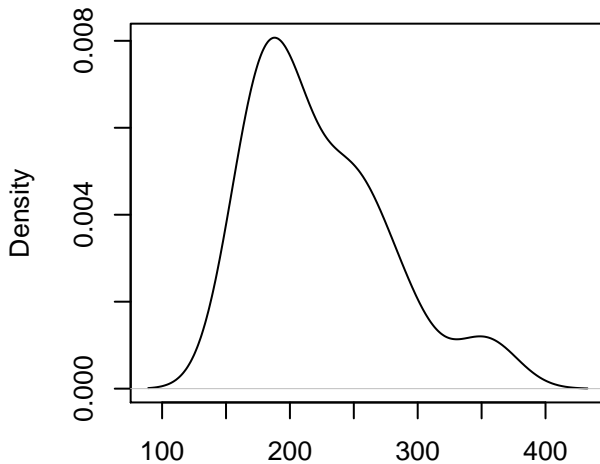
breakpoint: 17018556 – 17018593 no-0 ct-1

**Bp = 1410 line = MAGIC.183 , Chr = 4**



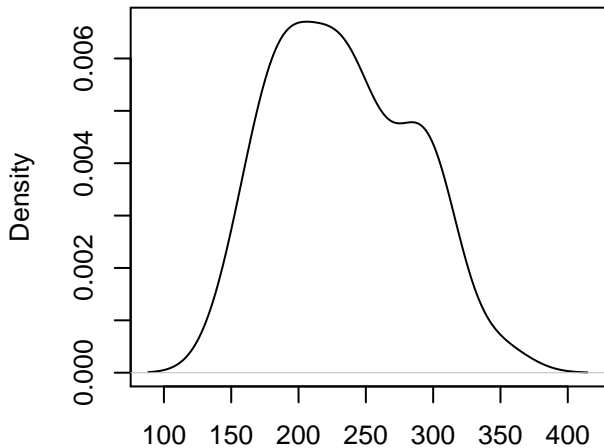
Insert size, N =55  
breakpoint: 17043602 – 17043611 ct-1 zu-0

**Bp = 1411 line = MAGIC.183 , Chr = 4**



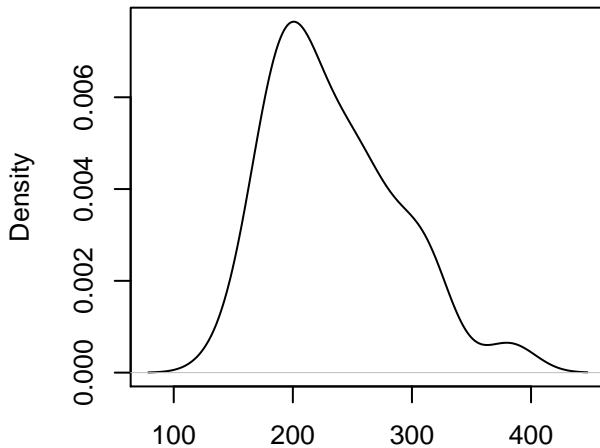
Insert size, N =43  
breakpoint: 17144594 – 17144659 zu-0 sf-2

**Bp = 1412 line = MAGIC.183 , Chr = 4**



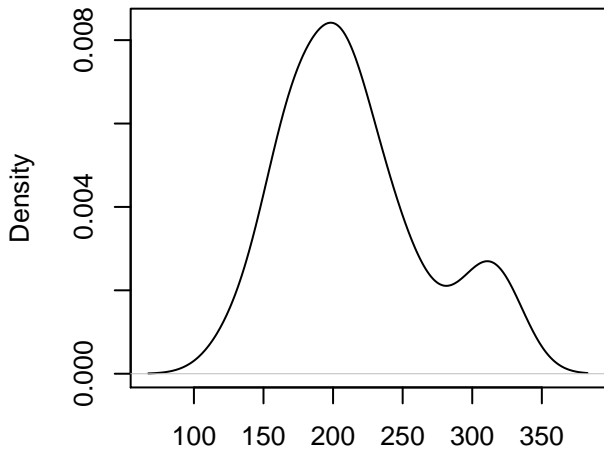
Insert size, N =40  
breakpoint: 17313334 – 17313393 sf-2 bur-0

**Bp = 1413 line = MAGIC.183 , Chr = 4**



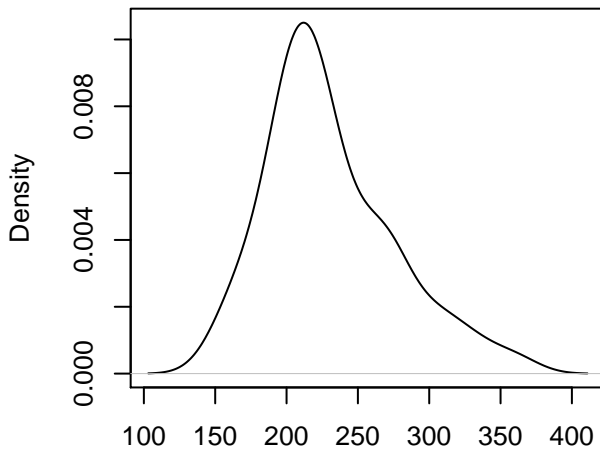
Insert size, N =59  
breakpoint: 17335683 – 17335811 bur-0 no-0

**Bp = 1414 line = MAGIC.183 , Chr = 4**



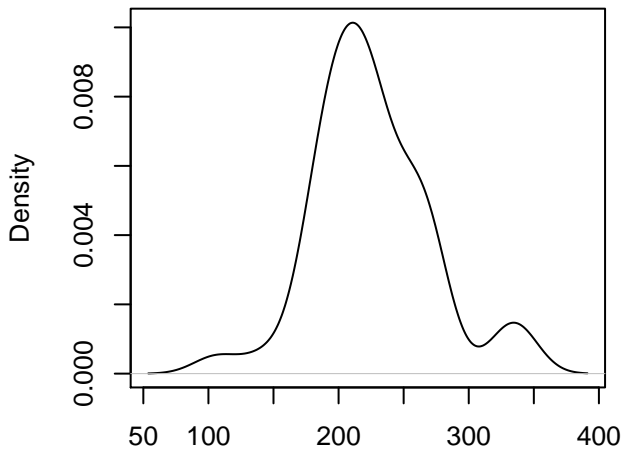
Insert size, N =38  
breakpoint: 17459179 – 17459220 no-0 mt-0

**Bp = 1415 line = MAGIC.183 , Chr = 4**



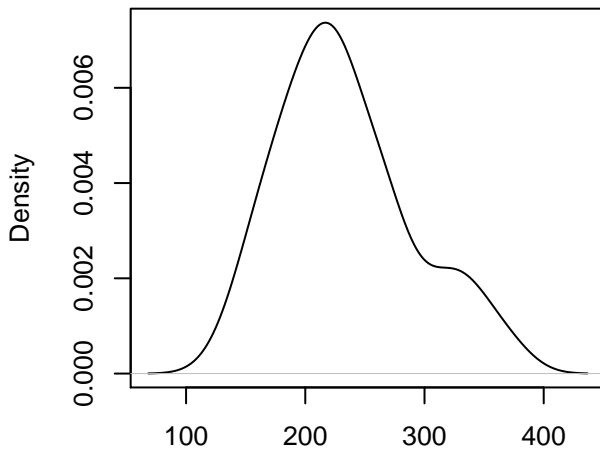
Insert size, N =51  
breakpoint: 17517098 – 17517101 mt-0 zu-0

**Bp = 1416 line = MAGIC.183 , Chr = 4**



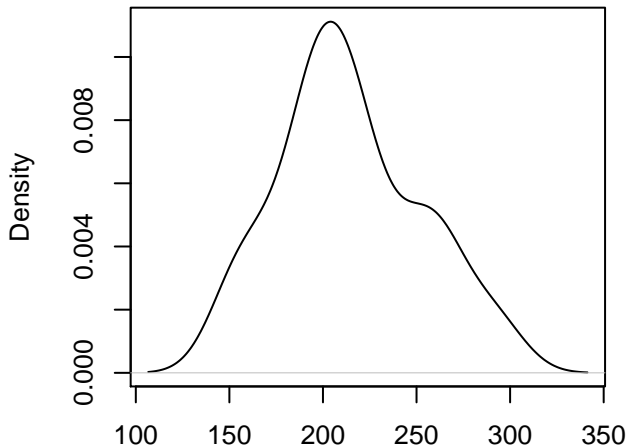
Insert size, N =46  
breakpoint: 17555583 – 17555900 zu-0 tsu-0

**Bp = 1417 line = MAGIC.183 , Chr = 4**



Insert size, N =84  
breakpoint: 17567559 – 17567617 tsu-0 kn-0

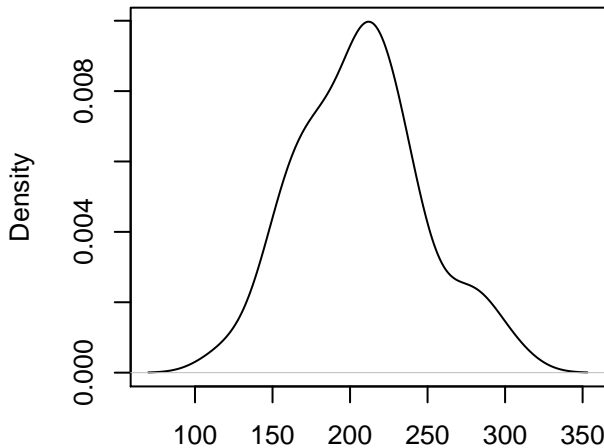
**Bp = 1418 line = MAGIC.183 , Chr = 4**



Insert size, N =32

breakpoint: 17578375 – 17578391 kn-0 rsch-4

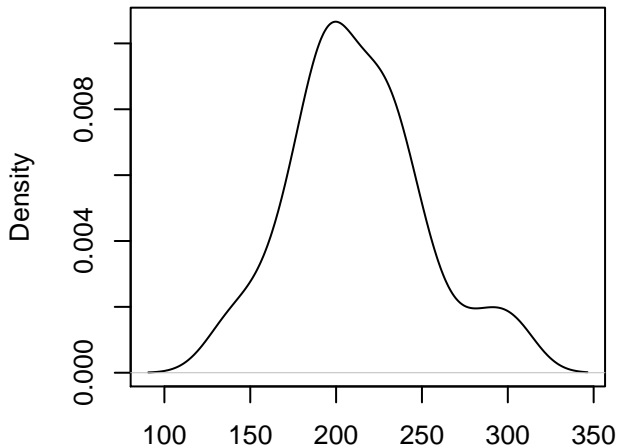
**Bp = 1419 line = MAGIC.183 , Chr = 4**



Insert size, N =44

breakpoint: 17678985 – 17679108 rsch-4 col-0

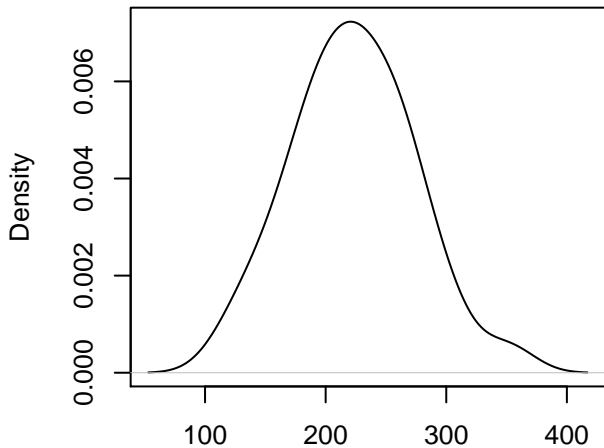
**Bp = 1420 line = MAGIC.183 , Chr = 4**



Insert size, N =42

breakpoint: 17689722 – 17689731 col-0 bur-0

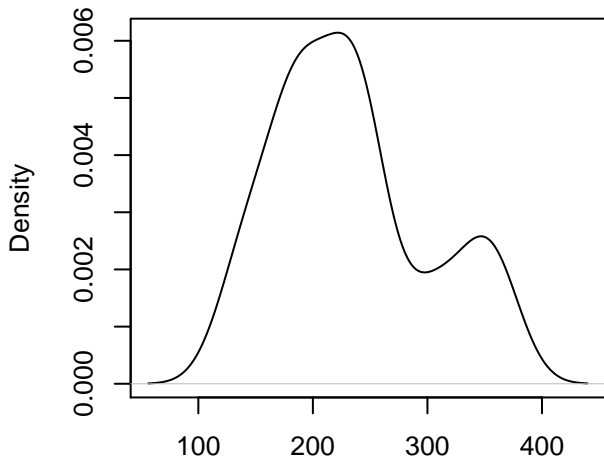
**Bp = 1421 line = MAGIC.183 , Chr = 4**



Insert size, N =33

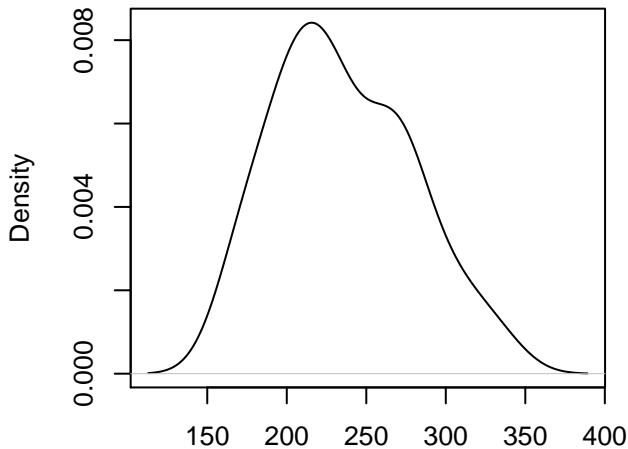
breakpoint: 17734523 – 17734555 bur-0 col-0

**Bp = 1422 line = MAGIC.183 , Chr = 4**



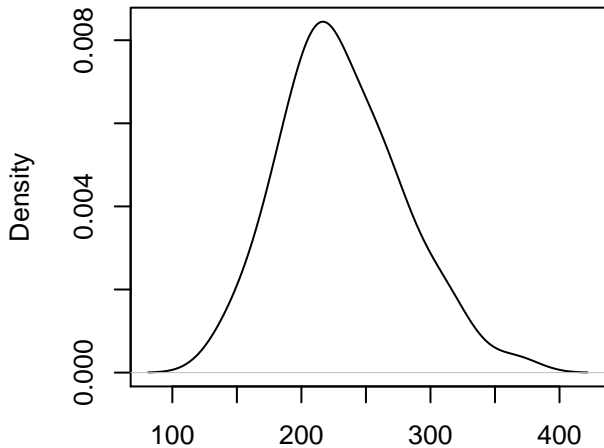
Insert size, N =42  
breakpoint: 17768954 – 17768999 col-0 hi-0

**Bp = 1423 line = MAGIC.183 , Chr = 4**



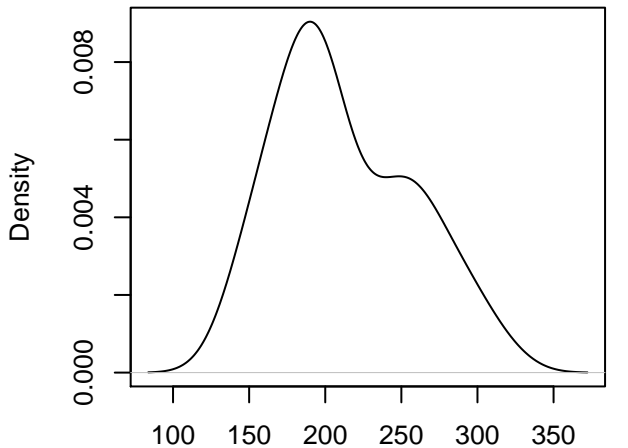
Insert size, N =46  
breakpoint: 17873301 – 17873577 hi-0 kn-0

**Bp = 1424 line = MAGIC.183 , Chr = 4**



Insert size, N =61  
breakpoint: 17938490 – 17938733 kn-0 hi-0

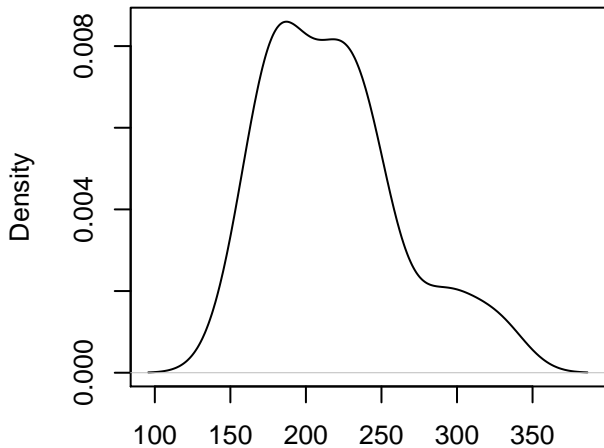
**Bp = 1425 line = MAGIC.183 , Chr = 4**



Insert size, N =63  
breakpoint: 18168271 – 18168623 hi-0 ct-1

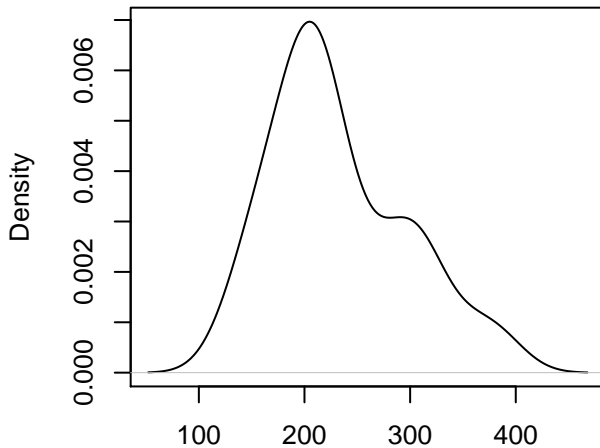


**Bp = 1426 line = MAGIC.183 , Chr = 4**



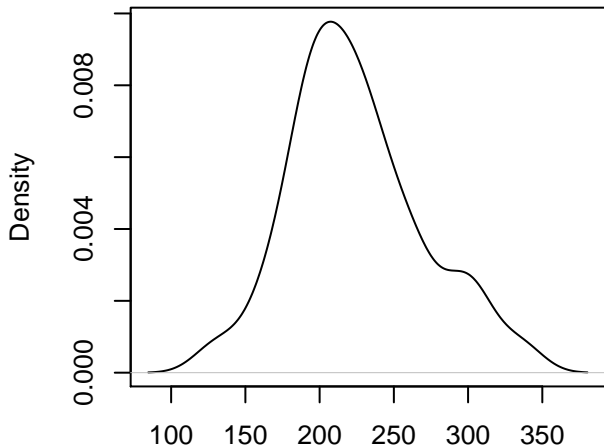
Insert size, N =44  
breakpoint: 18303928 – 18304022 ct-1 edi-0

**Bp = 1427 line = MAGIC.183 , Chr = 4**



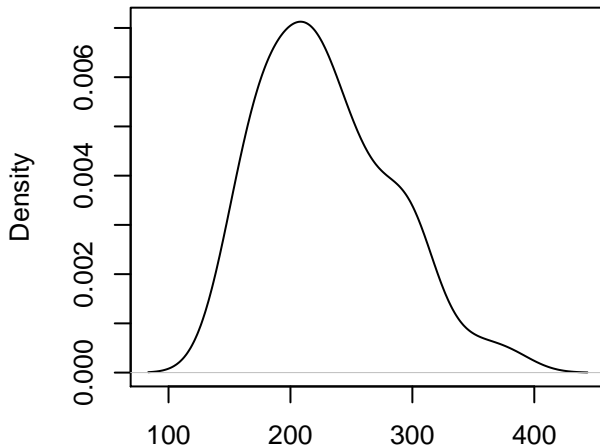
Insert size, N =47  
breakpoint: 18322132 – 18322139 edi-0 tsu-0

**Bp = 1428 line = MAGIC.183 , Chr = 4**



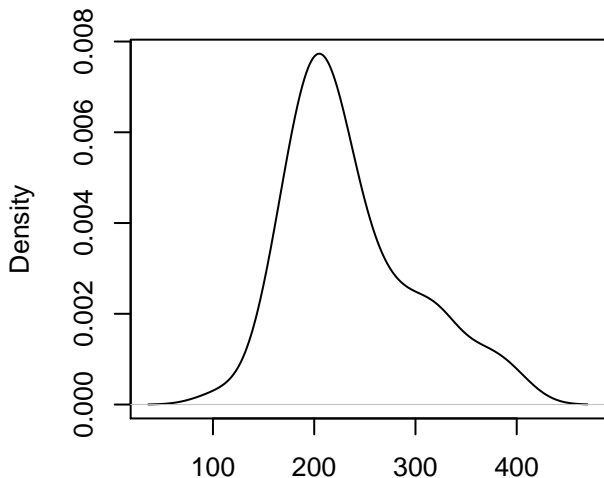
Insert size, N =73  
breakpoint: 18386693 – 18386948 tsu-0 kn-0

**Bp = 1429 line = MAGIC.183 , Chr = 4**



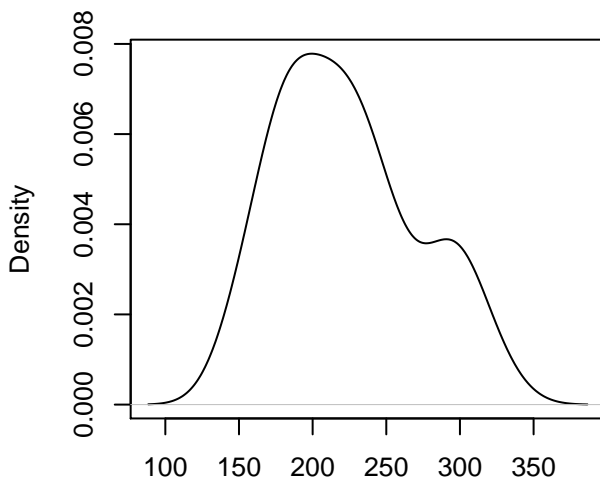
Insert size, N =55  
breakpoint: 18408214 – 18408579 kn-0 wu-0

**Bp = 1430 line = MAGIC.183 , Chr = 4**



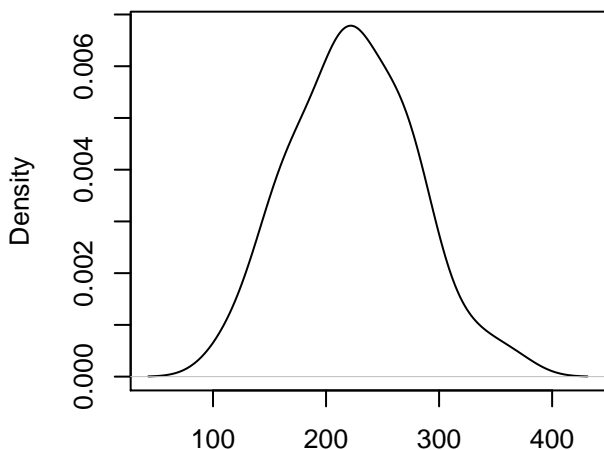
Insert size, N =66  
breakpoint: 18470938 – 18470983 wu-0 hi-0

**Bp = 1431 line = MAGIC.183 , Chr = 5**



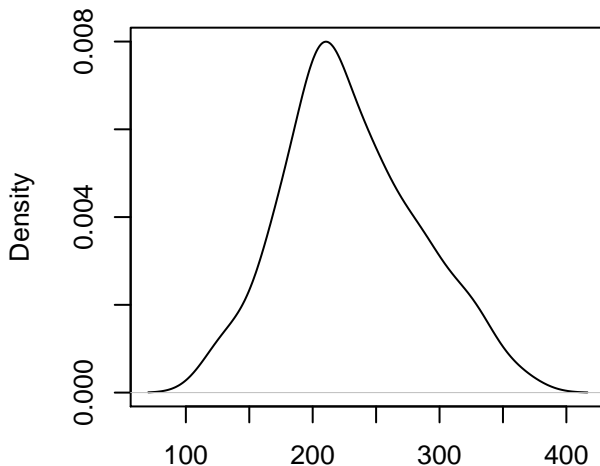
Insert size, N =73  
breakpoint: 210192 – 210355 no-0 edi-0

**Bp = 1432 line = MAGIC.183 , Chr = 5**



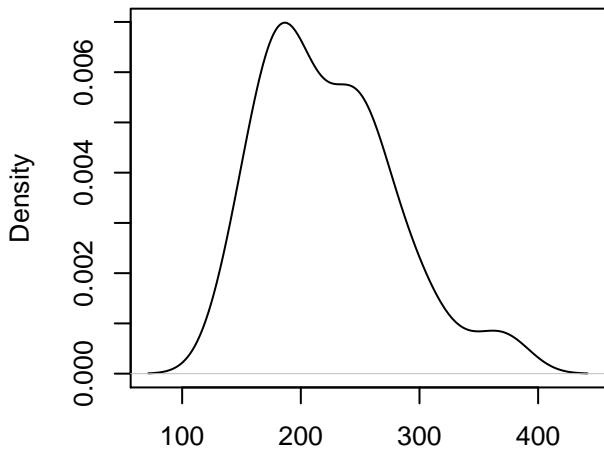
Insert size, N =49  
breakpoint: 317540 – 317548 edi-0 ct-1

**Bp = 1433 line = MAGIC.183 , Chr = 5**



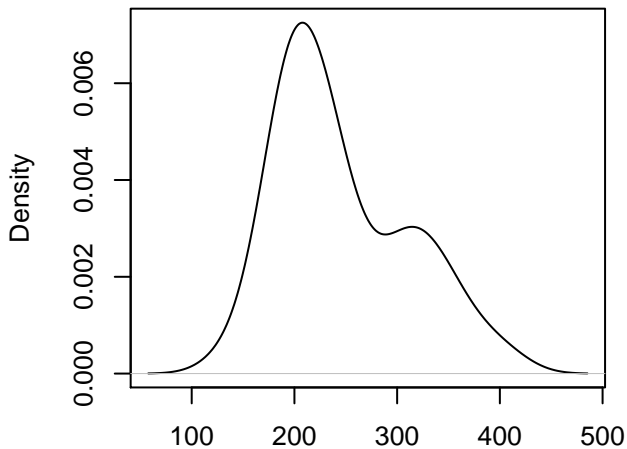
Insert size, N =57  
breakpoint: 339951 – 340057 ct-1 col-0

**Bp = 1434 line = MAGIC.183 , Chr = 5**



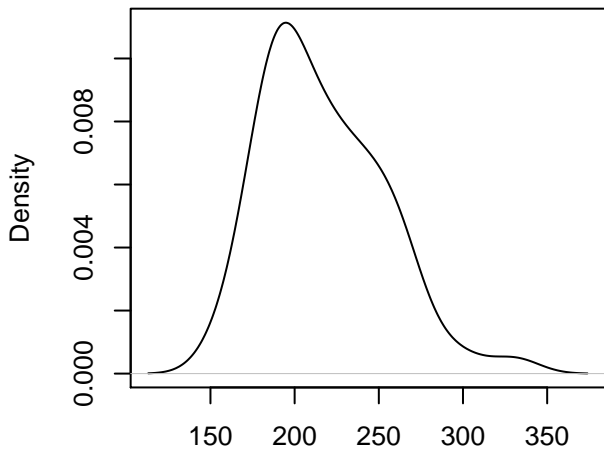
Insert size, N =71  
breakpoint: 397521 – 397643 col-0 edi-0

**Bp = 1435 line = MAGIC.183 , Chr = 5**



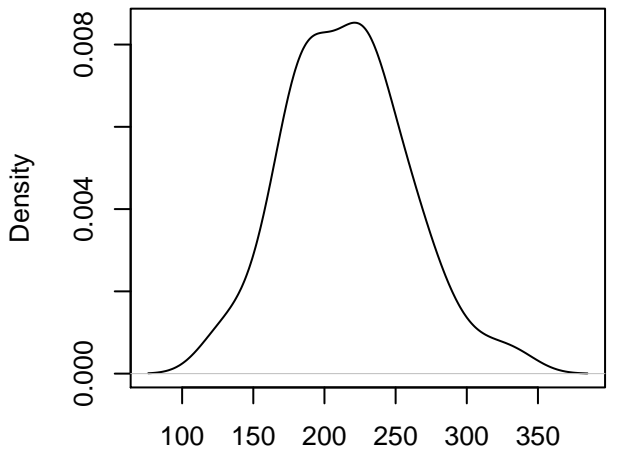
Insert size, N =60  
breakpoint: 411259 – 411374 edi-0 hi-0

**Bp = 1436 line = MAGIC.183 , Chr = 5**



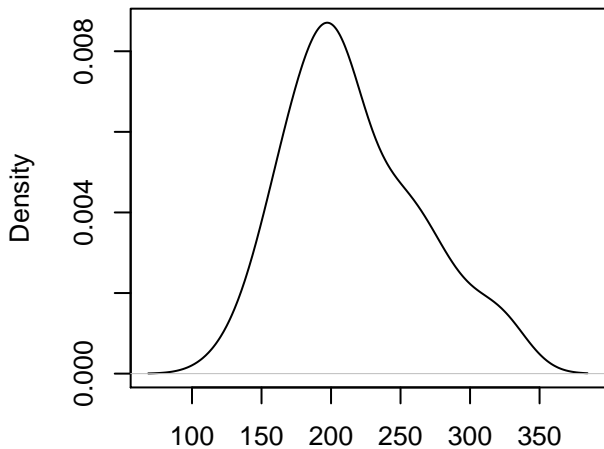
Insert size, N =59  
breakpoint: 424226 – 424272 hi-0 rsch-4

**Bp = 1437 line = MAGIC.183 , Chr = 5**



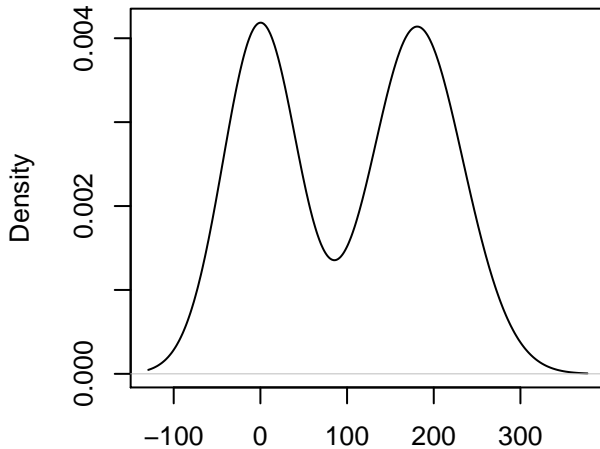
Insert size, N =54  
breakpoint: 429494 – 429572 rsch-4 no-0

**Bp = 1438 line = MAGIC.183 , Chr = 5**



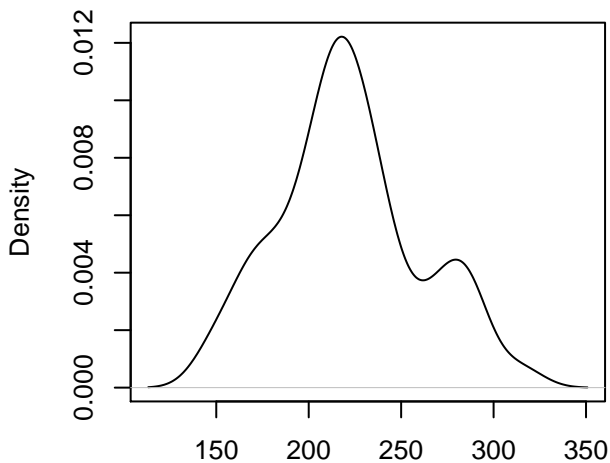
Insert size, N =48  
breakpoint: 461784 – 461938 no-0 wu-0

**Bp = 1439 line = MAGIC.183 , Chr = 5**



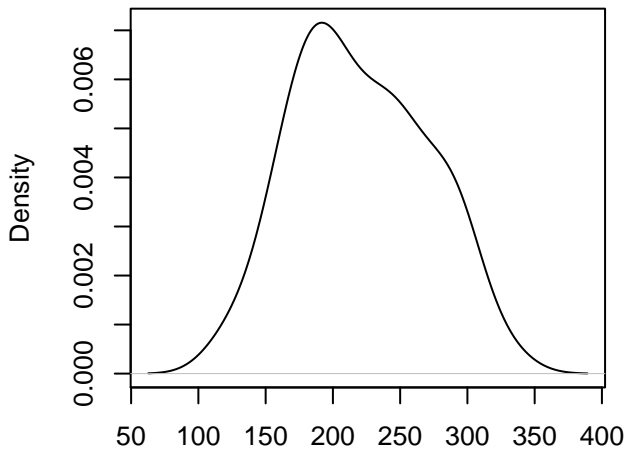
Insert size, N =31  
breakpoint: 494403 – 495319 wu-0 kn-0

**Bp = 1440 line = MAGIC.183 , Chr = 5**



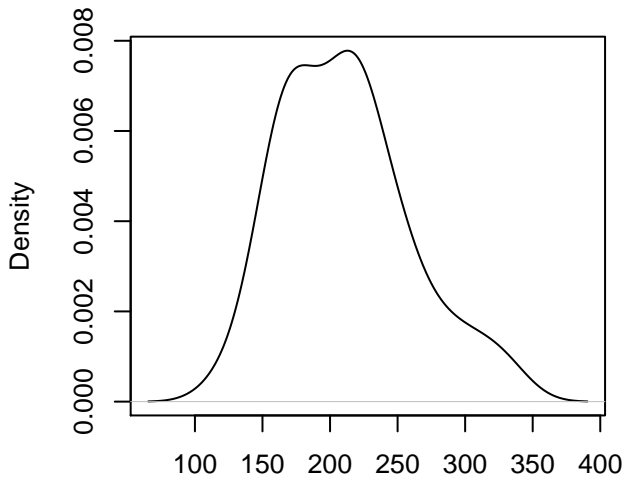
Insert size, N =51  
breakpoint: 619031 – 619235 kn-0 ct-1

**Bp = 1441 line = MAGIC.183 , Chr = 5**



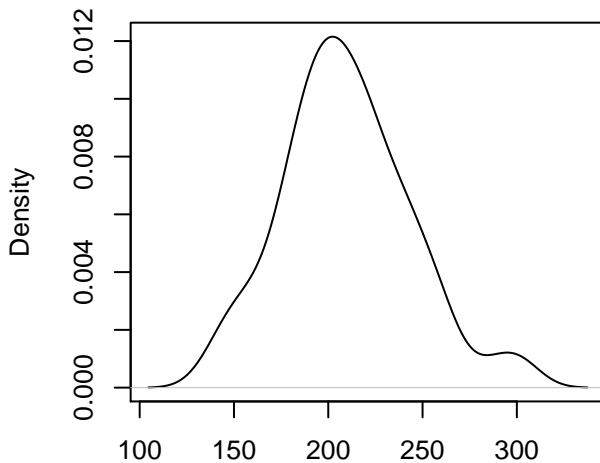
Insert size, N =64  
breakpoint: 636883 – 636885 ct-1 ws-0

**Bp = 1442 line = MAGIC.183 , Chr = 5**



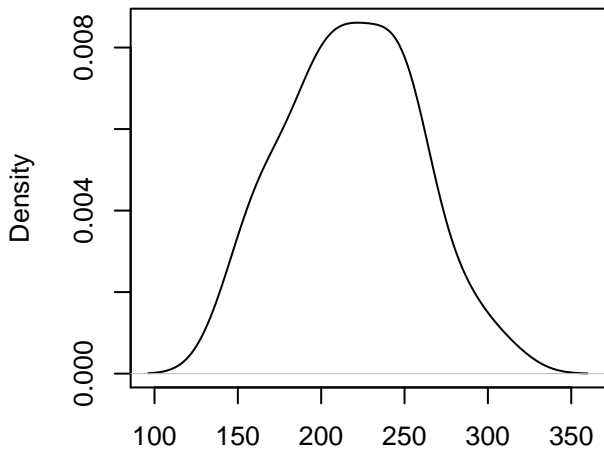
Insert size, N =53  
breakpoint: 707805 – 707825 ws-0 bur-0

**Bp = 1443 line = MAGIC.183 , Chr = 5**



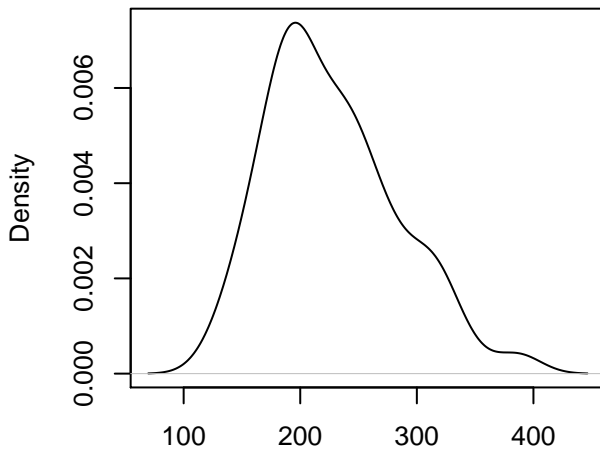
Insert size, N =70  
breakpoint: 711042 – 711056 bur-0 edi-0

**Bp = 1444 line = MAGIC.183 , Chr = 5**



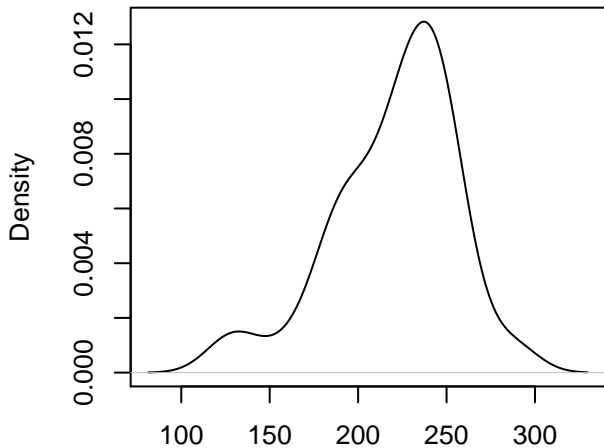
Insert size, N =55  
breakpoint: 712541 – 712550 edi-0 bur-0

**Bp = 1445 line = MAGIC.183 , Chr = 5**



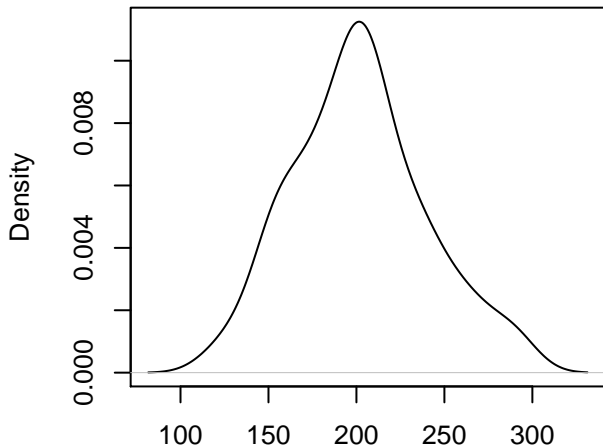
Insert size, N =100  
breakpoint: 768859 – 768890 bur-0 kn-0

**Bp = 1446 line = MAGIC.183 , Chr = 5**



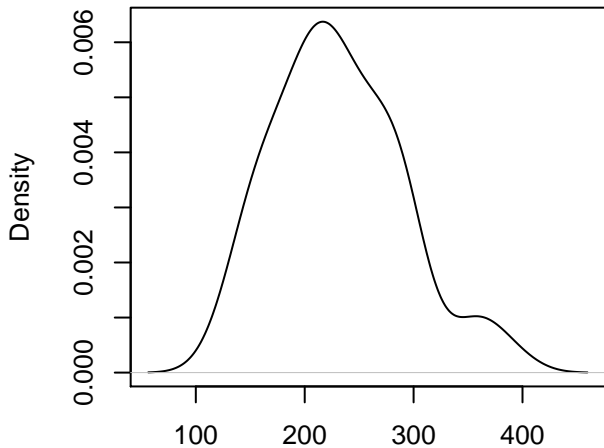
Insert size, N =59  
breakpoint: 776920 – 776959 kn-0 zu-0

**Bp = 1447 line = MAGIC.183 , Chr = 5**



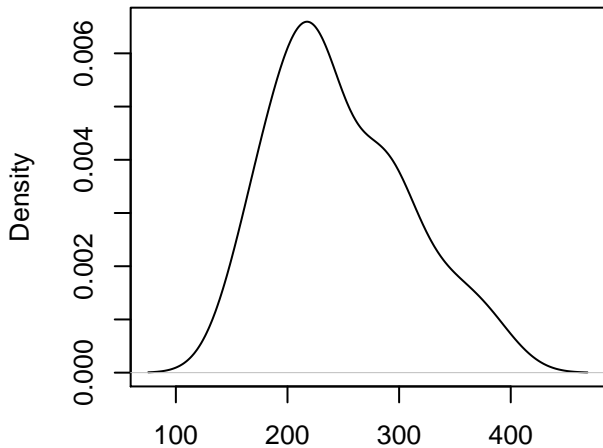
Insert size, N =48  
breakpoint: 800304 – 800342 zu-0 rsch-4

**Bp = 1448 line = MAGIC.183 , Chr = 5**



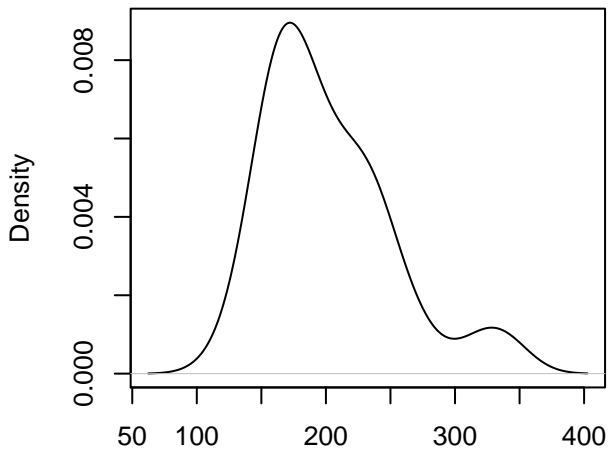
Insert size, N =58  
breakpoint: 813071 – 813124 rsch-4 zu-0

**Bp = 1449 line = MAGIC.183 , Chr = 5**



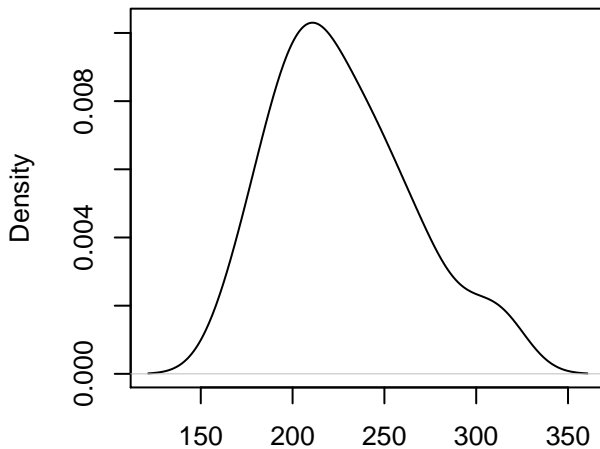
Insert size, N =43  
breakpoint: 827869 – 827918 zu-0 wil-2

**Bp = 1450 line = MAGIC.183 , Chr = 5**



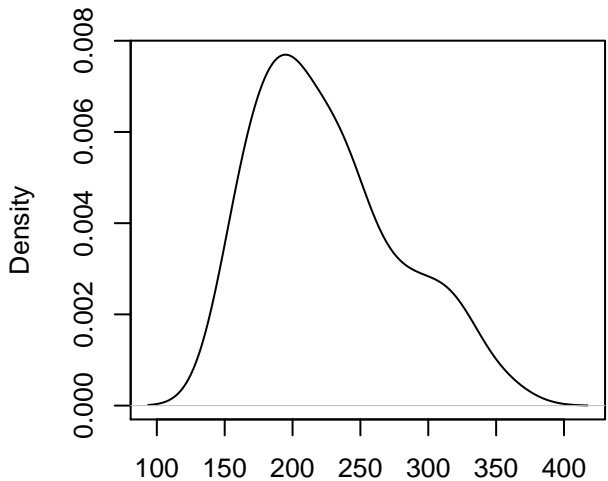
Insert size, N =44  
breakpoint: 831684 – 831699 wil-2 wu-0

**Bp = 1451 line = MAGIC.183 , Chr = 5**



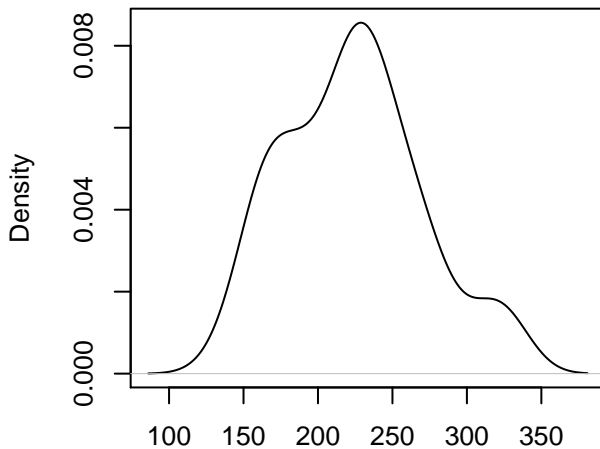
Insert size, N =50  
breakpoint: 854195 – 854220 wu-0 hi-0

**Bp = 1452 line = MAGIC.183 , Chr = 5**



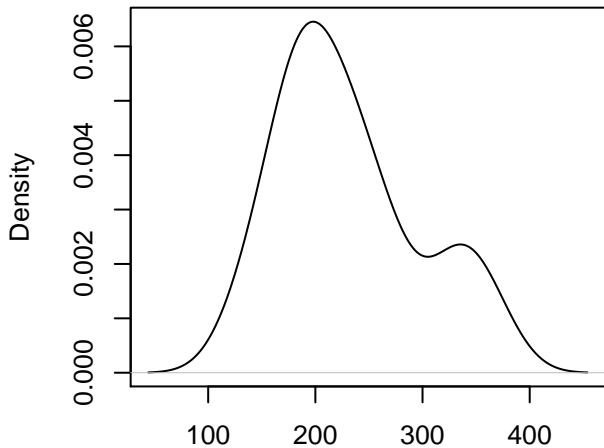
Insert size, N =61  
breakpoint: 883042 – 883066 hi-0 tsu-0

**Bp = 1453 line = MAGIC.183 , Chr = 5**



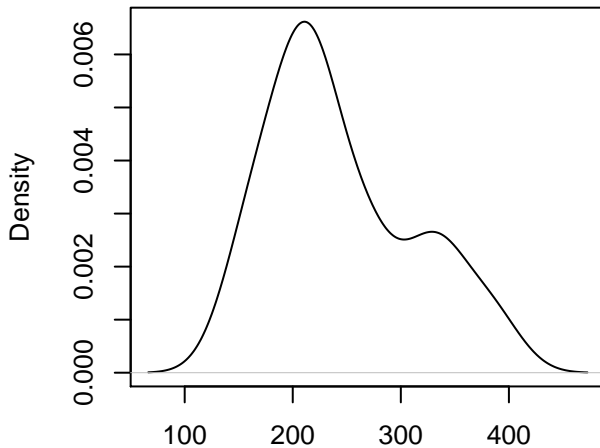
Insert size, N =60  
breakpoint: 886957 – 887162 tsu-0 po-0

**Bp = 1454 line = MAGIC.183 , Chr = 5**



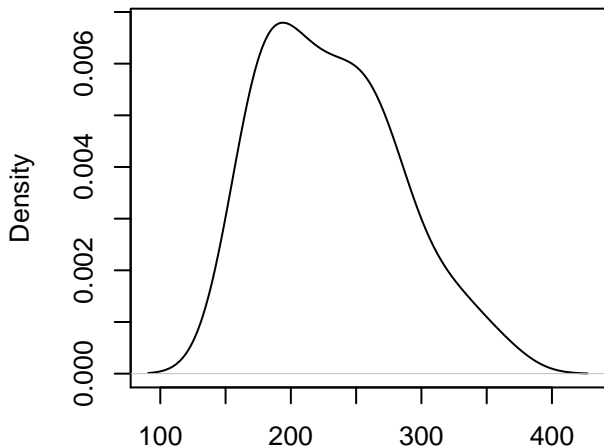
Insert size, N =36  
breakpoint: 953427 – 953436 po-0 edi-0

**Bp = 1455 line = MAGIC.183 , Chr = 5**



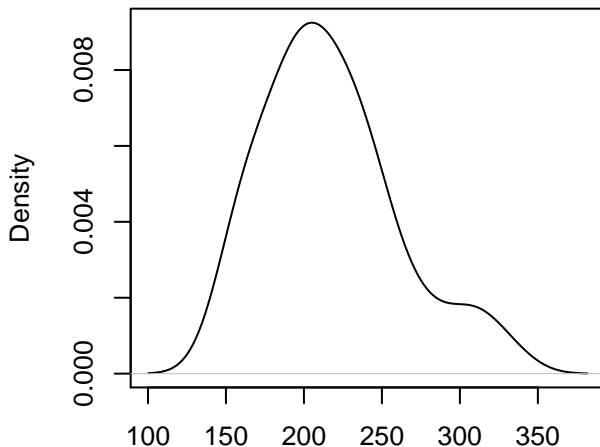
Insert size, N =42  
breakpoint: 1291651 – 1291652 edi-0 po-0

**Bp = 1456 line = MAGIC.183 , Chr = 5**



Insert size, N =45  
breakpoint: 1517730 – 1517757 po-0 edi-0

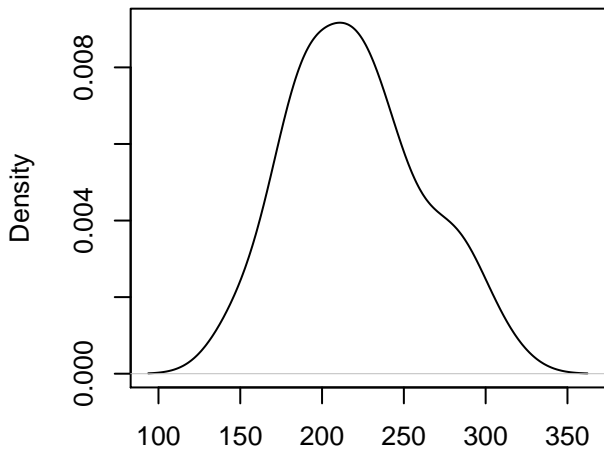
**Bp = 1457 line = MAGIC.183 , Chr = 5**



Insert size, N =55  
breakpoint: 1672224 – 1672279 edi-0 mt-0

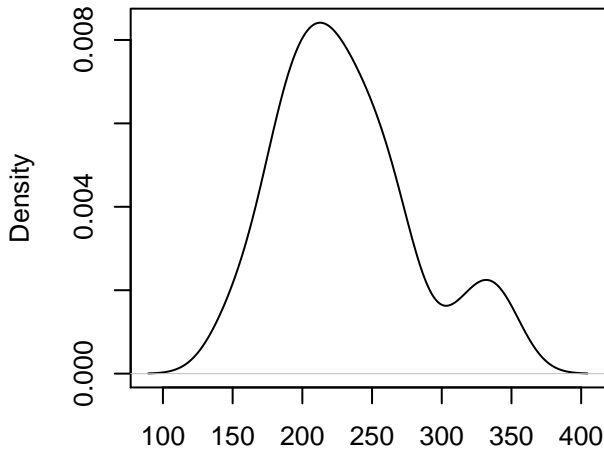


**Bp = 1458 line = MAGIC.183 , Chr = 5**



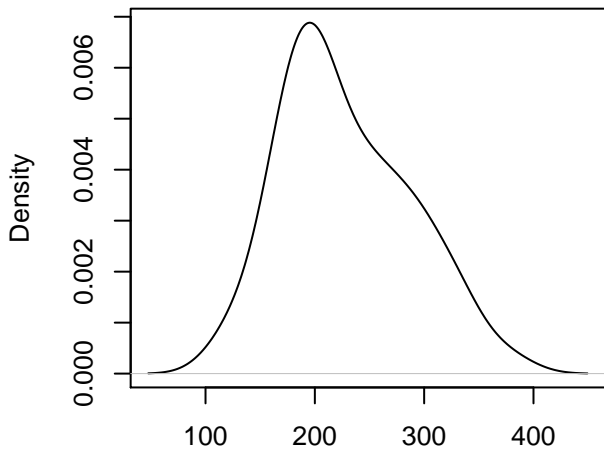
Insert size, N =34  
breakpoint: 1760964 – 1760972 mt-0 can-0

**Bp = 1459 line = MAGIC.183 , Chr = 5**



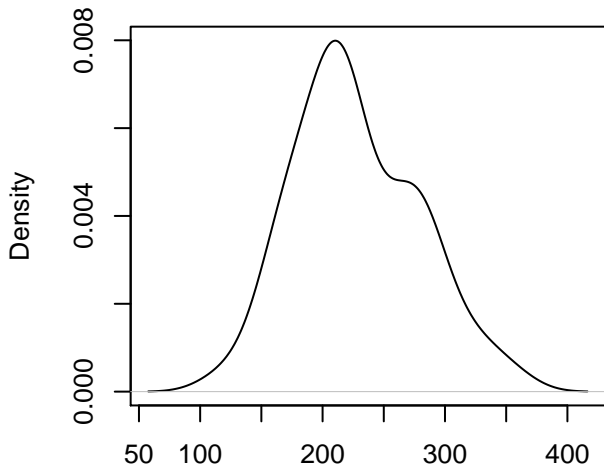
Insert size, N =72  
breakpoint: 1787982 – 1788353 can-0 mt-0

**Bp = 1460 line = MAGIC.183 , Chr = 5**



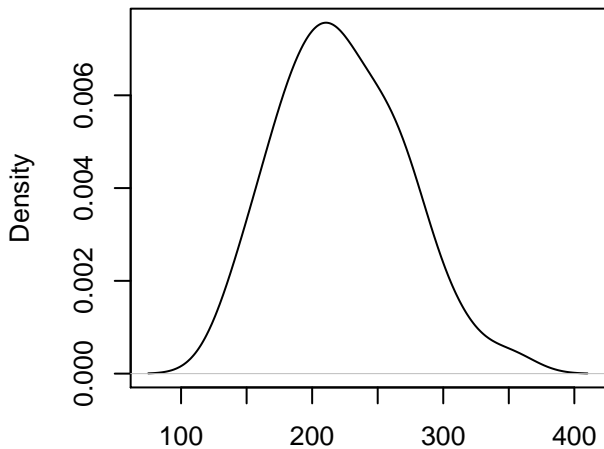
Insert size, N =51  
breakpoint: 1812116 – 1812148 mt-0 zu-0

**Bp = 1461 line = MAGIC.183 , Chr = 5**



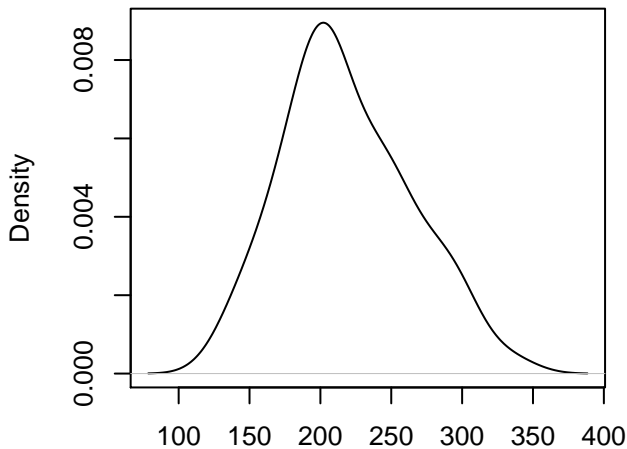
Insert size, N =50  
breakpoint: 1832612 – 1832652 zu-0 tsu-0

**Bp = 1462 line = MAGIC.183 , Chr = 5**



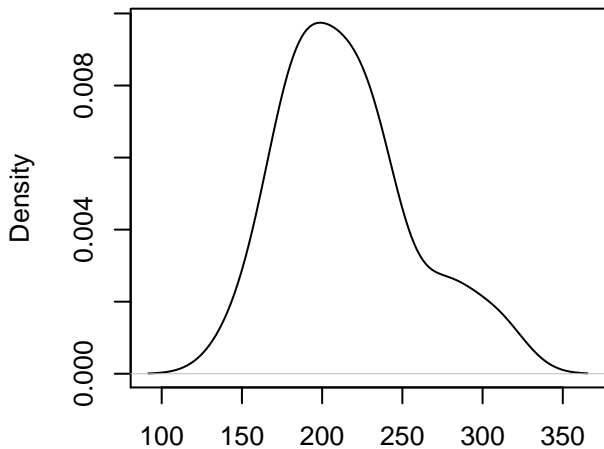
Insert size, N =49  
breakpoint: 1937545 – 1937741 tsu-0 zu-0

**Bp = 1463 line = MAGIC.183 , Chr = 5**



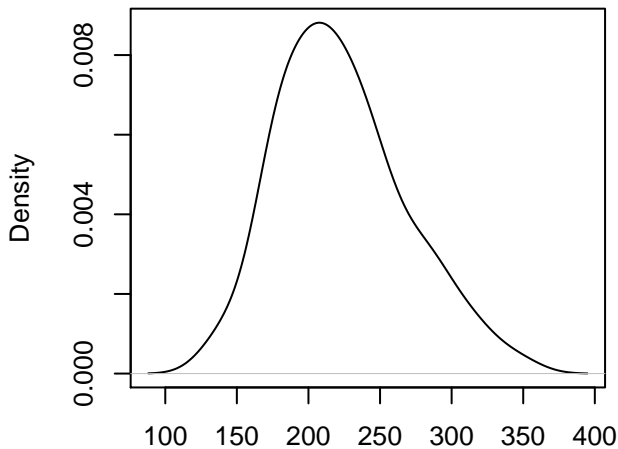
Insert size, N =67  
breakpoint: 1977515 – 1977712 zu-0 oy-0

**Bp = 1464 line = MAGIC.183 , Chr = 5**



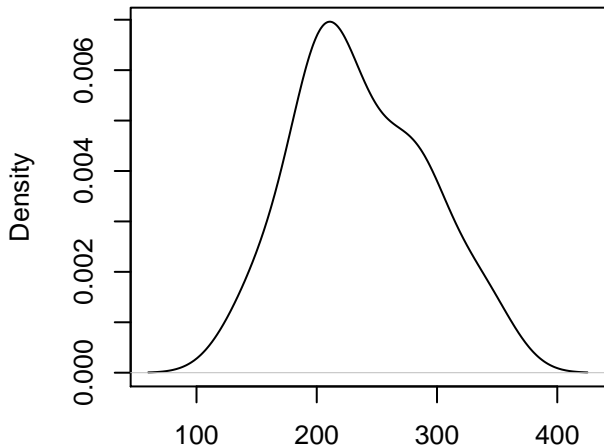
Insert size, N =32  
breakpoint: 2093650 – 2093680 oy-0 hi-0

**Bp = 1465 line = MAGIC.183 , Chr = 5**



Insert size, N =70  
breakpoint: 2143874 – 2144173 hi-0 zu-0

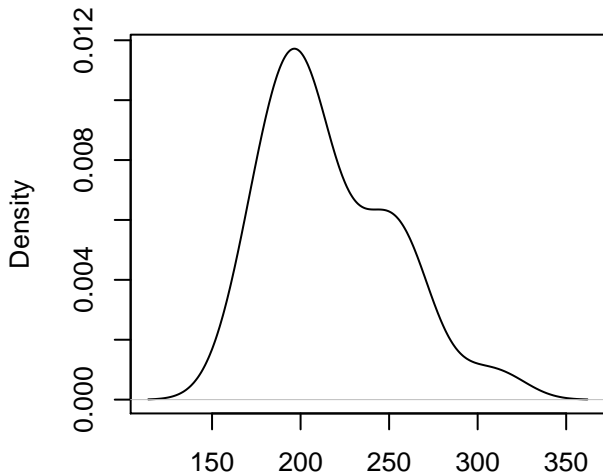
**Bp = 1466 line = MAGIC.183 , Chr = 5**



Insert size, N =39

breakpoint: 2183413 – 2183414 zu-0 hi-0

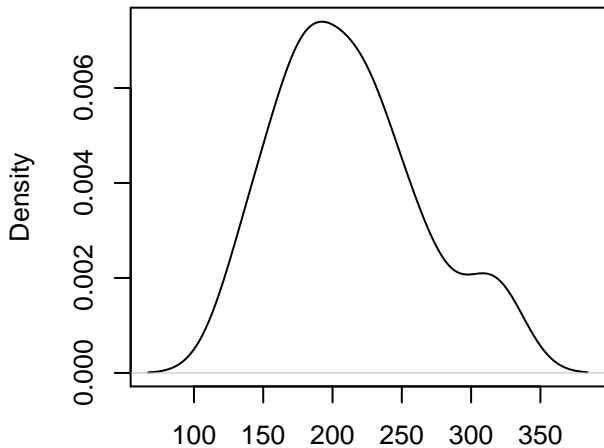
**Bp = 1467 line = MAGIC.183 , Chr = 5**



Insert size, N =43

breakpoint: 2220491 – 2220541 hi-0 zu-0

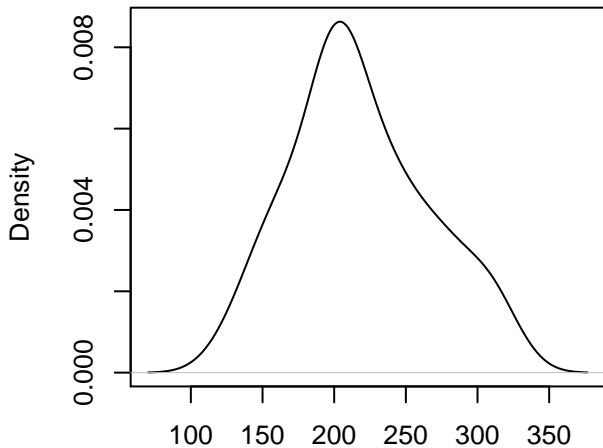
**Bp = 1468 line = MAGIC.183 , Chr = 5**



Insert size, N =42

breakpoint: 2529142 – 2529149 zu-0 edi-0

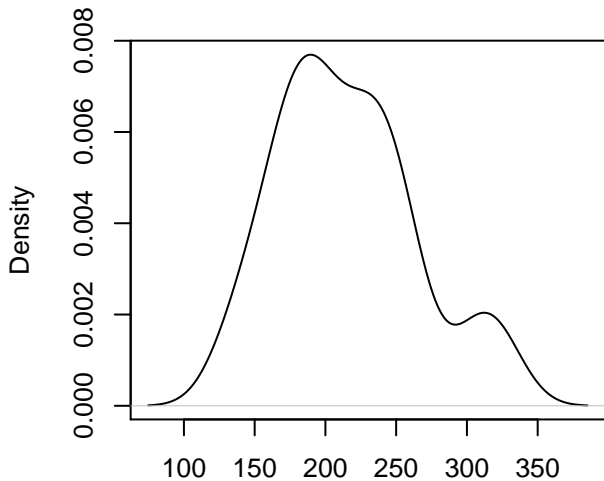
**Bp = 1469 line = MAGIC.183 , Chr = 5**



Insert size, N =53

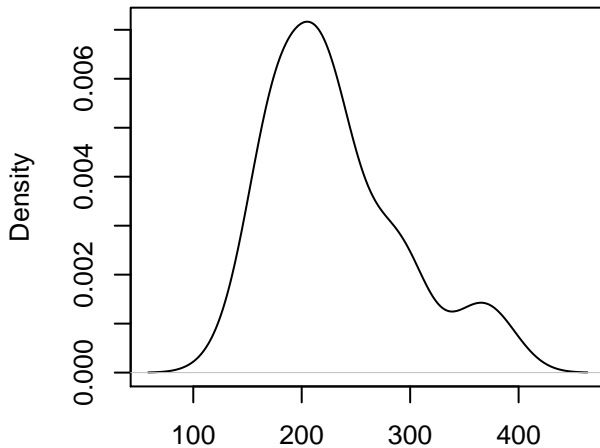
breakpoint: 2865932 – 2866045 edi-0 ler-0

**Bp = 1470 line = MAGIC.183 , Chr = 5**



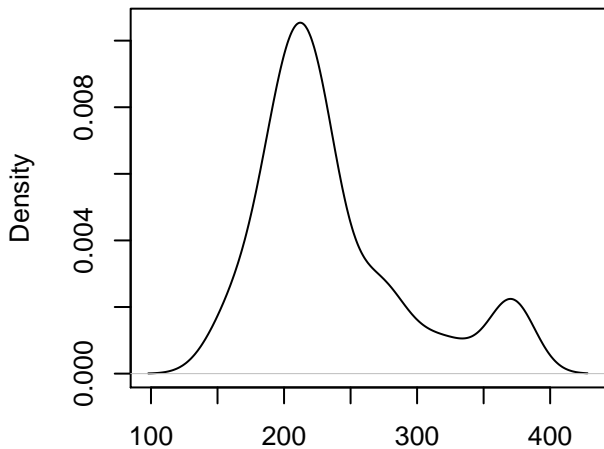
Insert size, N =55  
breakpoint: 2950723 – 2950738 ler-0 no-0

**Bp = 1471 line = MAGIC.183 , Chr = 5**



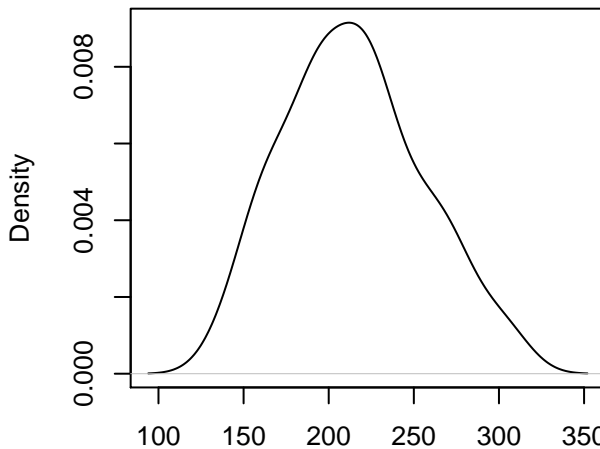
Insert size, N =60  
breakpoint: 3095573 – 3095605 no-0 bur-0

**Bp = 1472 line = MAGIC.183 , Chr = 5**



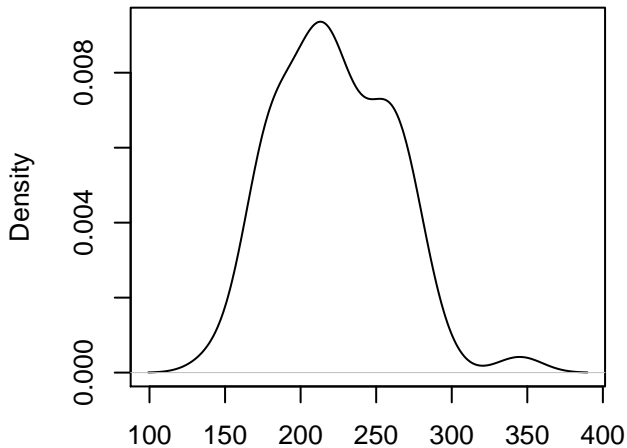
Insert size, N =52  
breakpoint: 3118369 – 3118522 bur-0 col-0

**Bp = 1473 line = MAGIC.183 , Chr = 5**



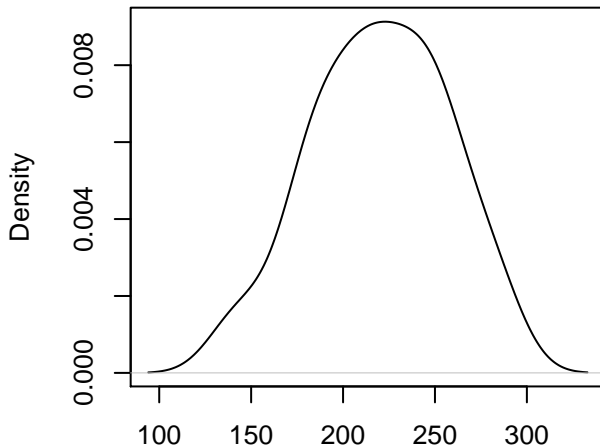
Insert size, N =62  
breakpoint: 3140153 – 3140276 col-0 oy-0

**Bp = 1474 line = MAGIC.183 , Chr = 5**



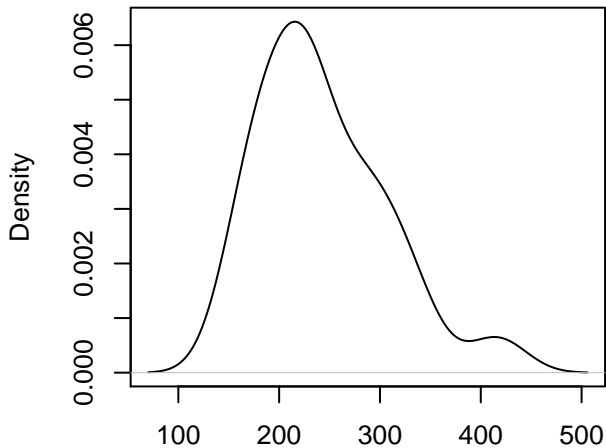
Insert size, N =64  
breakpoint: 3435077 – 3435092 oy-0 bur-0

**Bp = 1475 line = MAGIC.183 , Chr = 5**



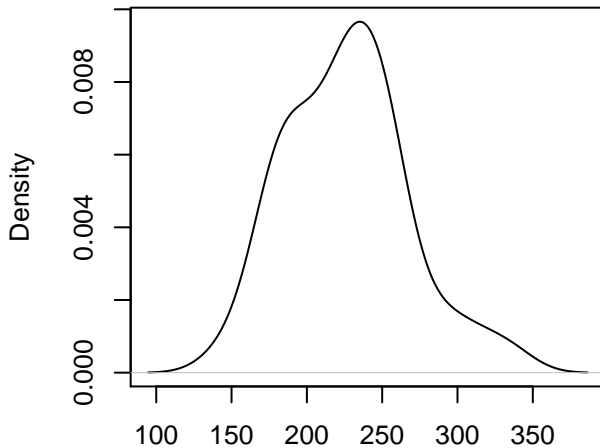
Insert size, N =49  
breakpoint: 3514275 – 3514350 bur-0 zu-0

**Bp = 1476 line = MAGIC.183 , Chr = 5**



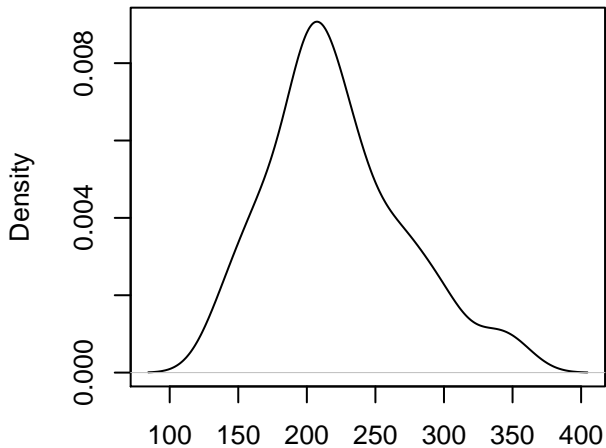
Insert size, N =44  
breakpoint: 3610373 – 3610418 zu-0 hi-0

**Bp = 1477 line = MAGIC.183 , Chr = 5**



Insert size, N =43  
breakpoint: 3663048 – 3663165 hi-0 sf-2

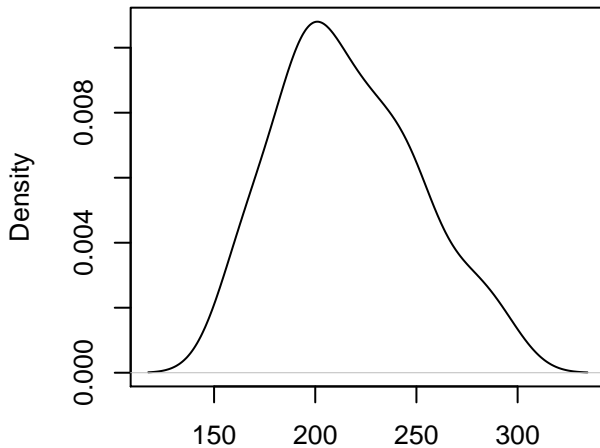
**Bp = 1478 line = MAGIC.183 , Chr = 5**



Insert size, N =62

breakpoint: 3755442 – 3755624 sf-2 col-0

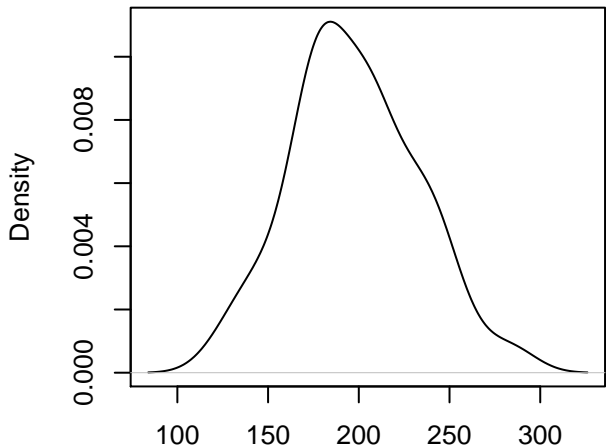
**Bp = 1479 line = MAGIC.183 , Chr = 5**



Insert size, N =64

breakpoint: 3820517 – 3820839 col-0 zu-0

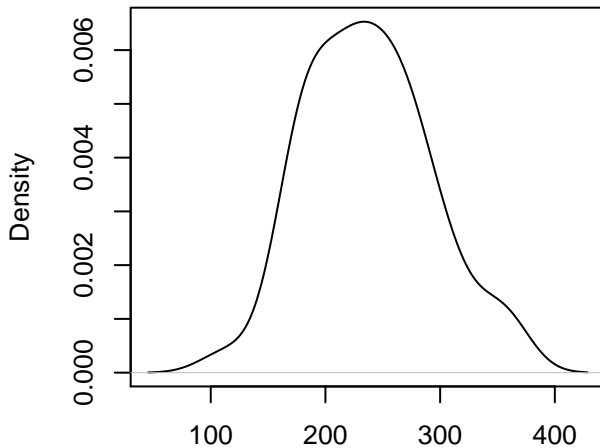
**Bp = 1480 line = MAGIC.183 , Chr = 5**



Insert size, N =35

breakpoint: 3845068 – 3845163 zu-0 tsu-0

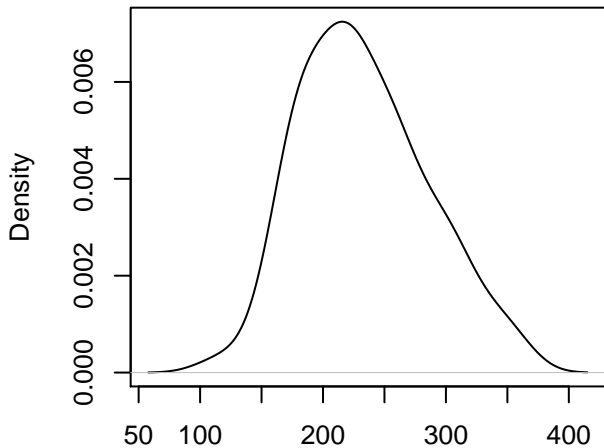
**Bp = 1481 line = MAGIC.183 , Chr = 5**



Insert size, N =48

breakpoint: 3880296 – 3880333 tsu-0 ws-0

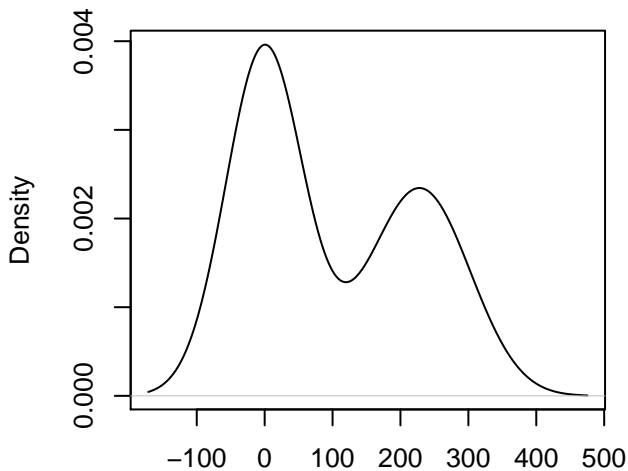
**Bp = 1482 line = MAGIC.183 , Chr = 5**



Insert size, N =72

breakpoint: 3924591 – 3924597 ws-0 no-0

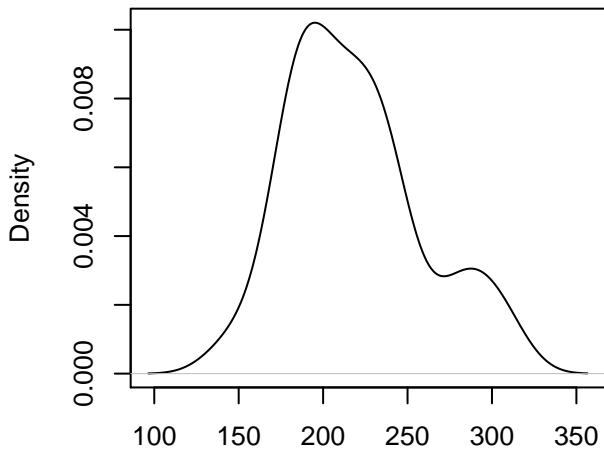
**Bp = 1483 line = MAGIC.183 , Chr = 5**



Insert size, N =23

breakpoint: 3936832 – 3936842 no-0 edi-0

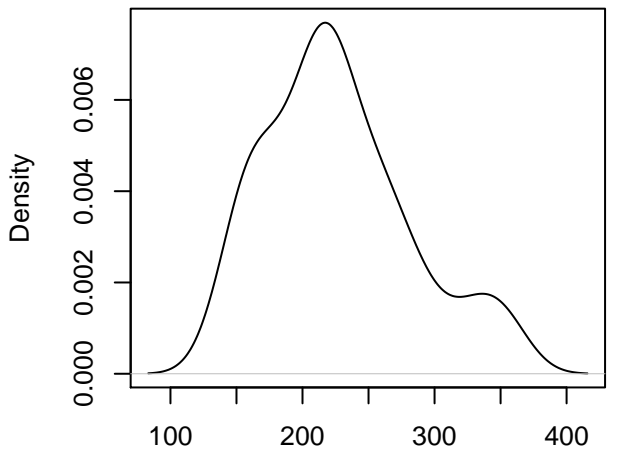
**Bp = 1484 line = MAGIC.183 , Chr = 5**



Insert size, N =52

breakpoint: 4154388 – 4154392 edi-0 oy-0

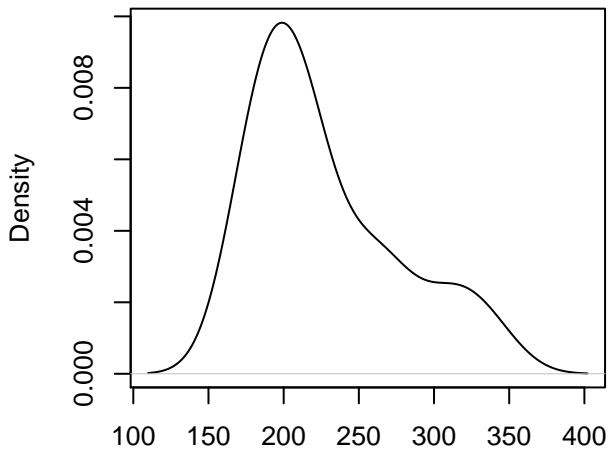
**Bp = 1485 line = MAGIC.183 , Chr = 5**



Insert size, N =63

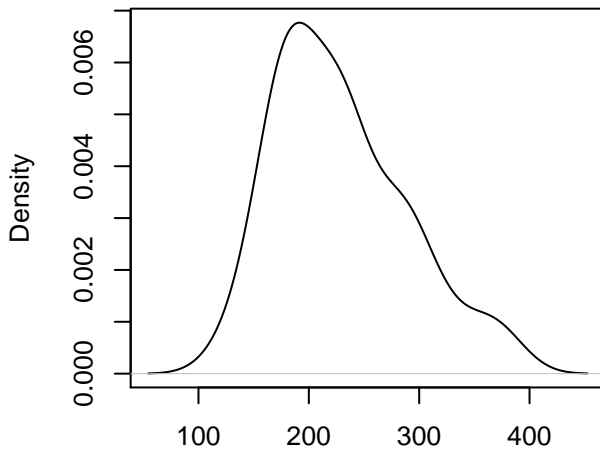
breakpoint: 4203413 – 4203416 oy-0 rsch-4

**Bp = 1486 line = MAGIC.183 , Chr = 5**



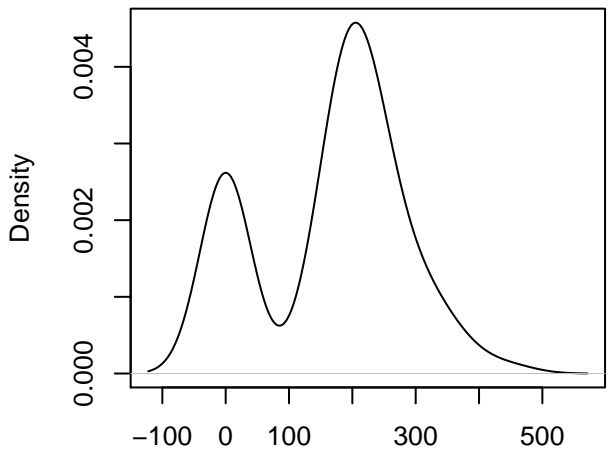
Insert size, N =42  
breakpoint: 4220041 – 4220100 rsch-4 oy-0

**Bp = 1487 line = MAGIC.183 , Chr = 5**



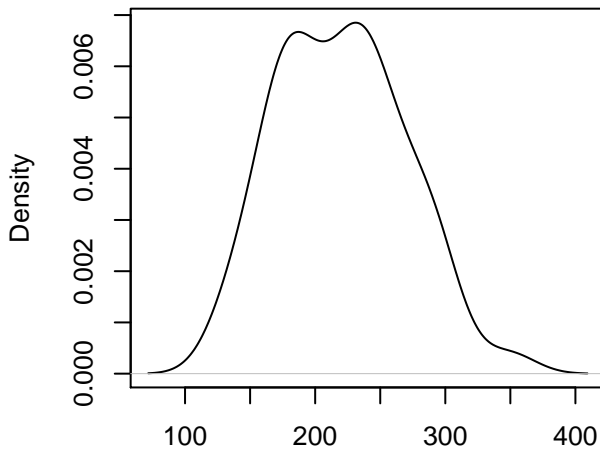
Insert size, N =50  
breakpoint: 4280447 – 4280581 oy-0 zu-0

**Bp = 1488 line = MAGIC.183 , Chr = 5**



Insert size, N =101  
breakpoint: 4564227 – 4564286 zu-0 bur-0

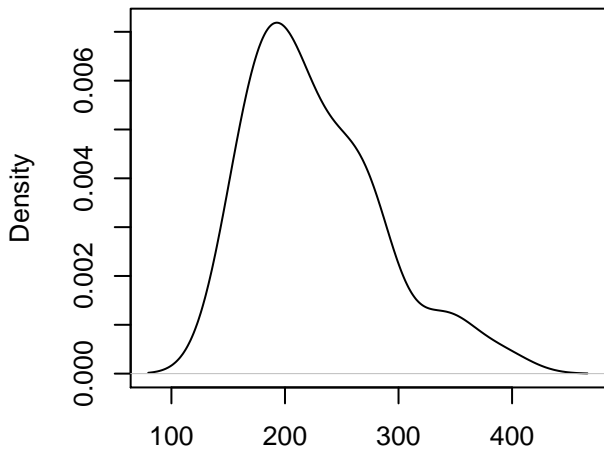
**Bp = 1489 line = MAGIC.183 , Chr = 5**



Insert size, N =50  
breakpoint: 4577128 – 4577147 bur-0 can-0



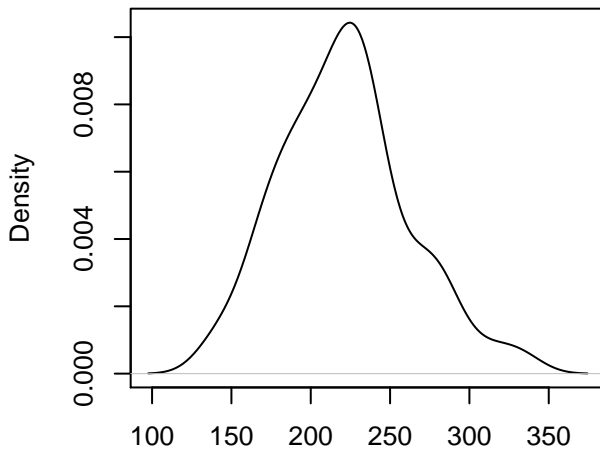
**Bp = 1490 line = MAGIC.183 , Chr = 5**



Insert size, N =41

breakpoint: 4578542 – 4578569 can-0 edi-0

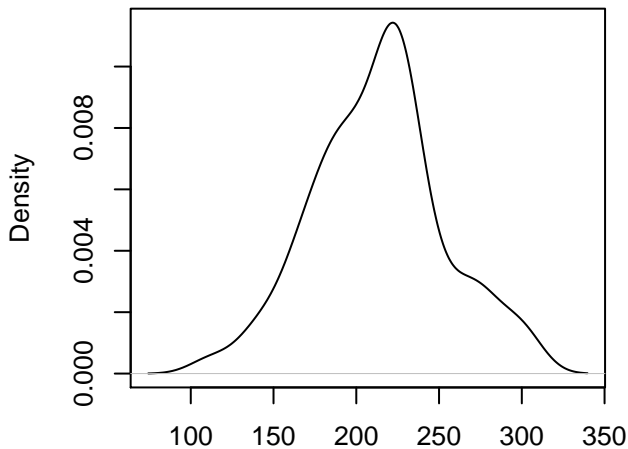
**Bp = 1491 line = MAGIC.183 , Chr = 5**



Insert size, N =54

breakpoint: 4695328 – 4695625 edi-0 oy-0

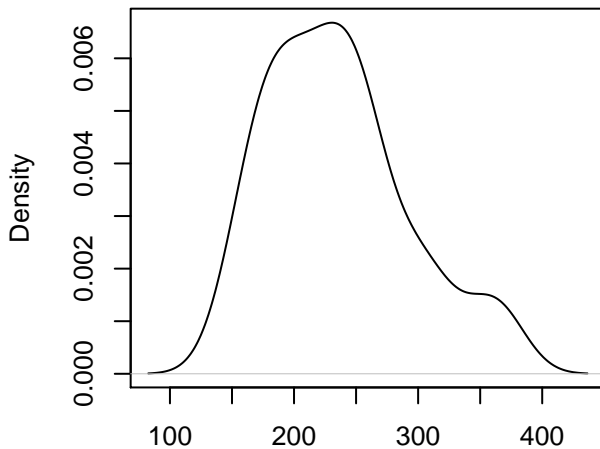
**Bp = 1492 line = MAGIC.183 , Chr = 5**



Insert size, N =68

breakpoint: 4951850 – 4951856 oy-0 bur-0

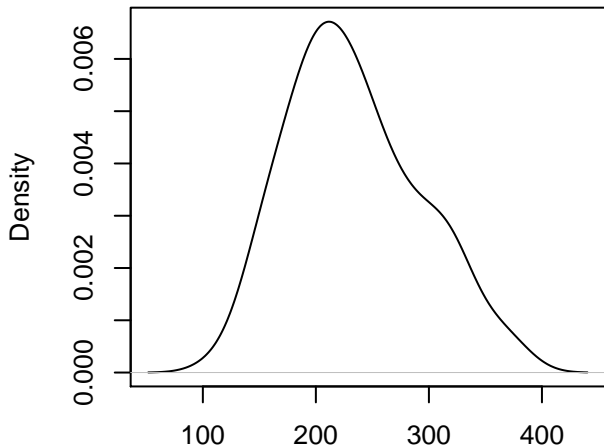
**Bp = 1493 line = MAGIC.183 , Chr = 5**



Insert size, N =53

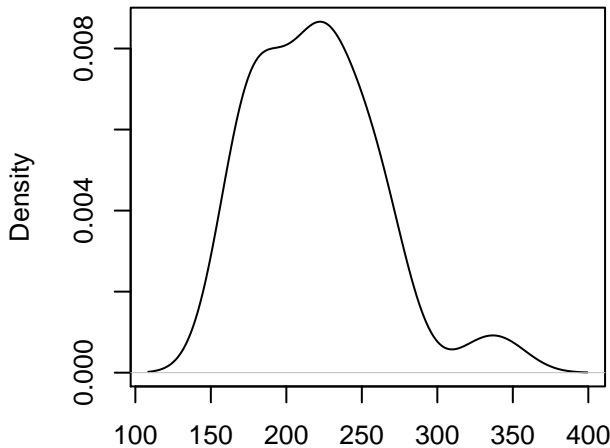
breakpoint: 4976140 – 4976228 bur-0 no-0

**Bp = 1494 line = MAGIC.183 , Chr = 5**



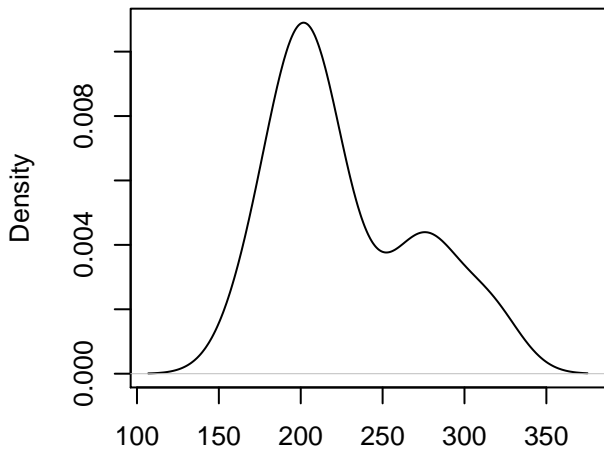
Insert size, N =86  
breakpoint: 4983807 – 4983932 no-0 edi-0

**Bp = 1495 line = MAGIC.183 , Chr = 5**



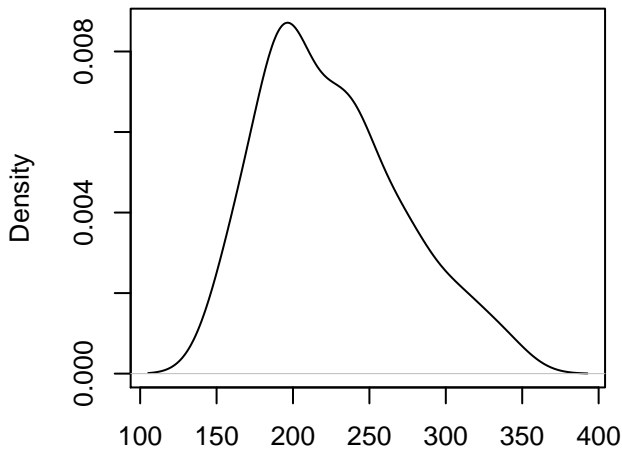
Insert size, N =43  
breakpoint: 5084727 – 5084848 edi-0 no-0

**Bp = 1496 line = MAGIC.183 , Chr = 5**



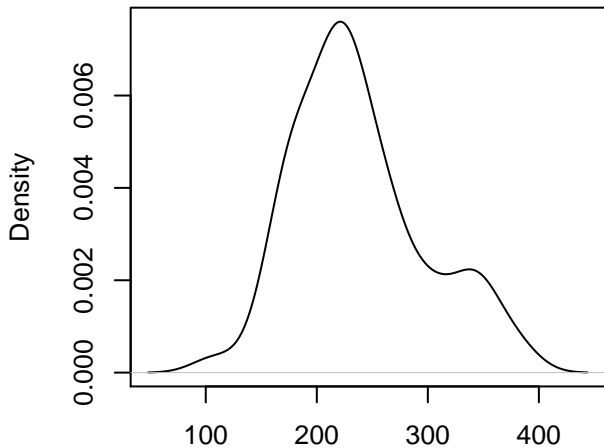
Insert size, N =43  
breakpoint: 5212076 – 5212704 no-0 sf-2

**Bp = 1497 line = MAGIC.183 , Chr = 5**



Insert size, N =65  
breakpoint: 5261747 – 5261765 sf-2 oy-0

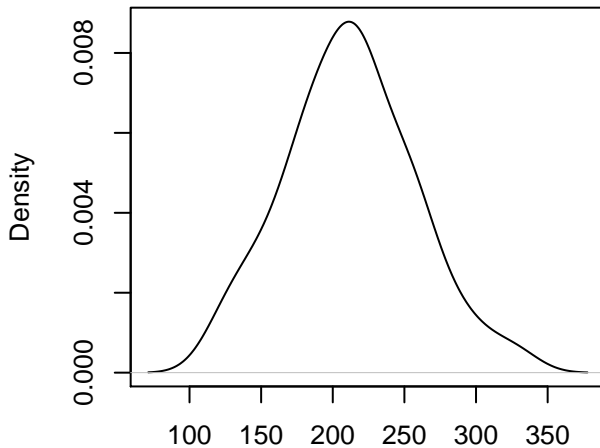
**Bp = 1498 line = MAGIC.183 , Chr = 5**



Insert size, N =62

breakpoint: 5344691 – 5344701 oy-0 sf-2

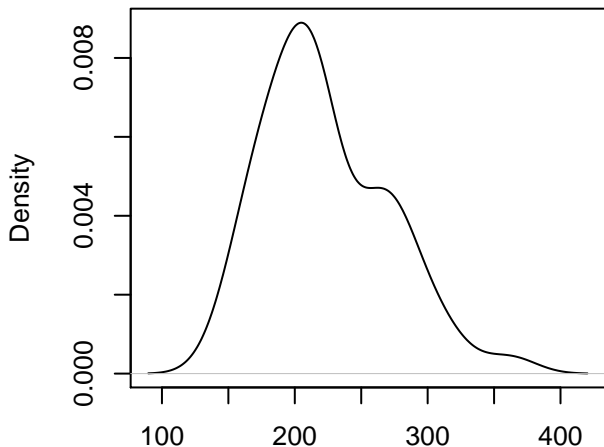
**Bp = 1499 line = MAGIC.183 , Chr = 5**



Insert size, N =45

breakpoint: 5579107 – 5579113 sf-2 zu-0

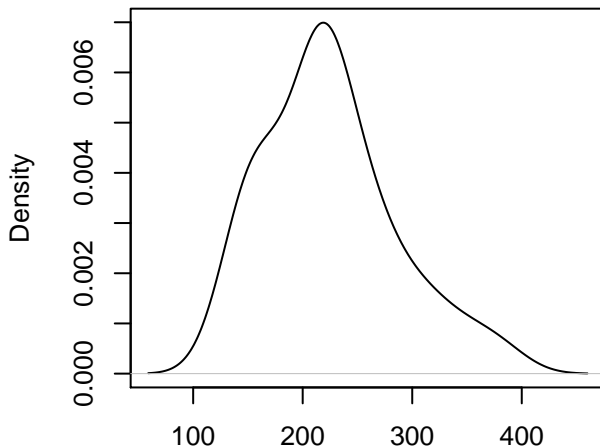
**Bp = 1500 line = MAGIC.183 , Chr = 5**



Insert size, N =49

breakpoint: 5665152 – 5665165 zu-0 no-0

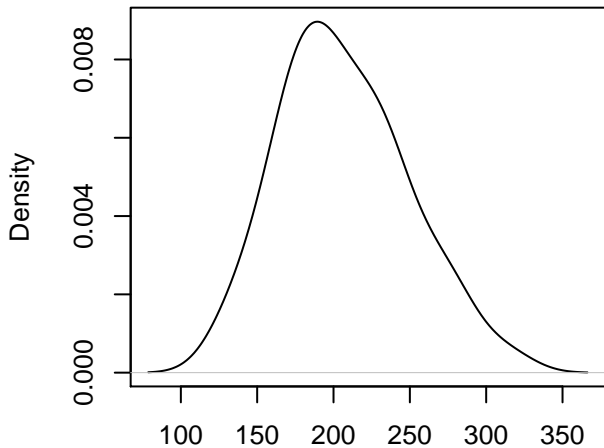
**Bp = 1501 line = MAGIC.183 , Chr = 5**



Insert size, N =44

breakpoint: 5676209 – 5676214 no-0 wil-2

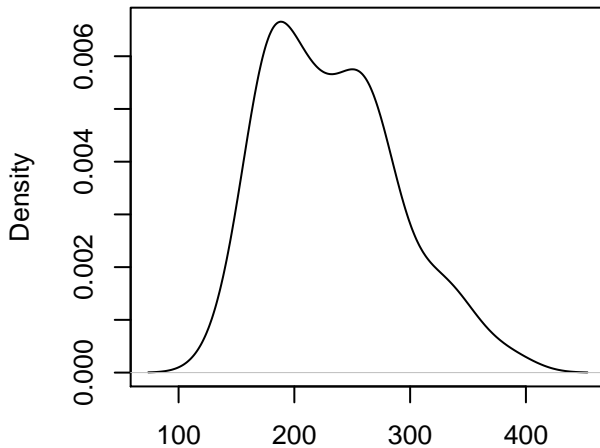
**Bp = 1502 line = MAGIC.183 , Chr = 5**



Insert size, N =46

breakpoint: 5692569 – 5692593 wil-2 sf-2

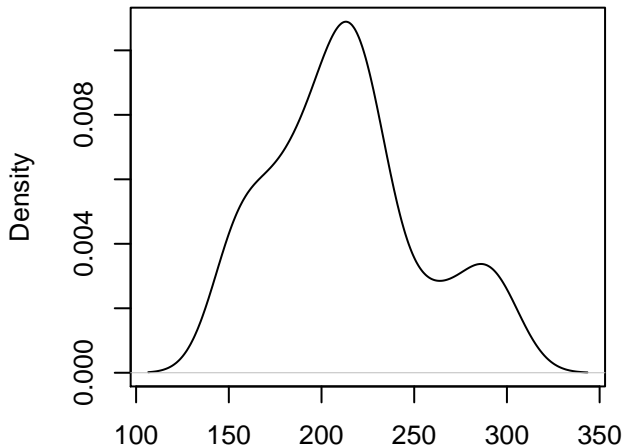
**Bp = 1503 line = MAGIC.183 , Chr = 5**



Insert size, N =67

breakpoint: 5765845 – 5765860 sf-2 zu-0

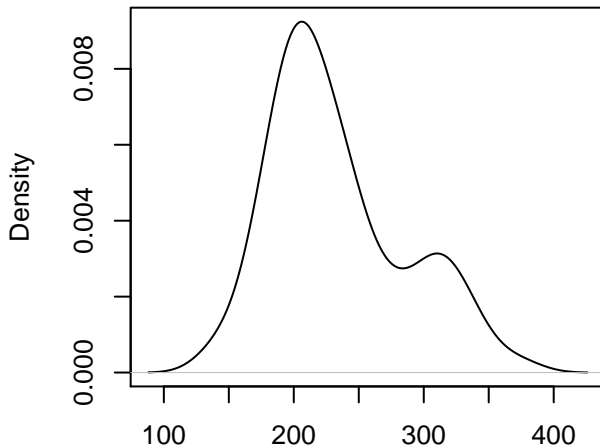
**Bp = 1504 line = MAGIC.183 , Chr = 5**



Insert size, N =42

breakpoint: 5830615 – 5830635 zu-0 sf-2

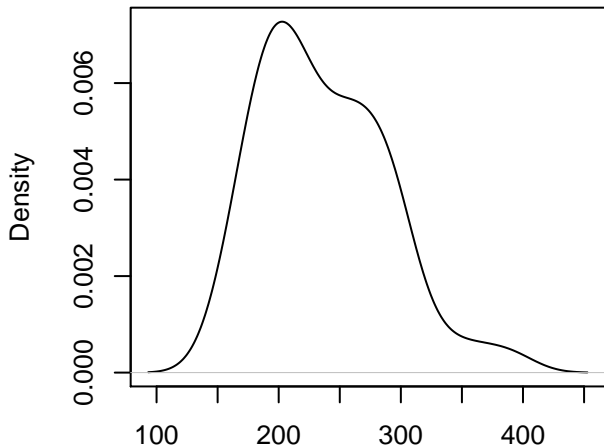
**Bp = 1505 line = MAGIC.183 , Chr = 5**



Insert size, N =80

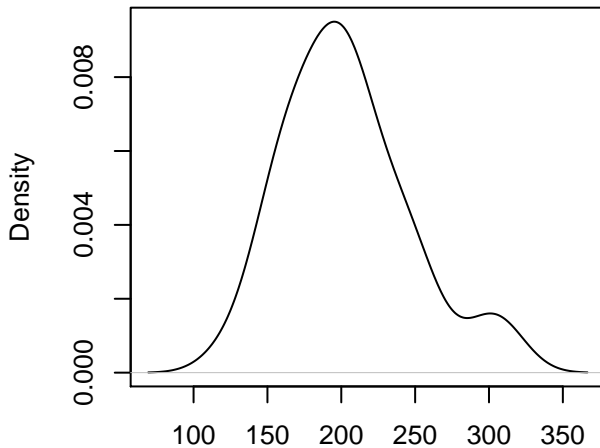
breakpoint: 5857683 – 5857729 sf-2 edi-0

**Bp = 1506 line = MAGIC.183 , Chr = 5**



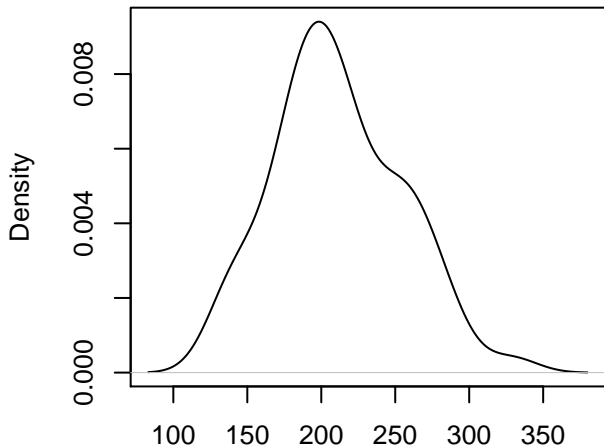
Insert size, N =55  
breakpoint: 5898617 – 5898775 edi-0 oy-0

**Bp = 1507 line = MAGIC.183 , Chr = 5**



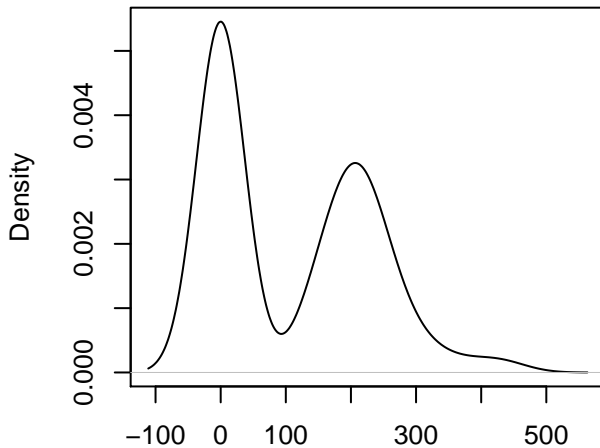
Insert size, N =41  
breakpoint: 5934583 – 5934587 oy-0 col-0

**Bp = 1508 line = MAGIC.183 , Chr = 5**



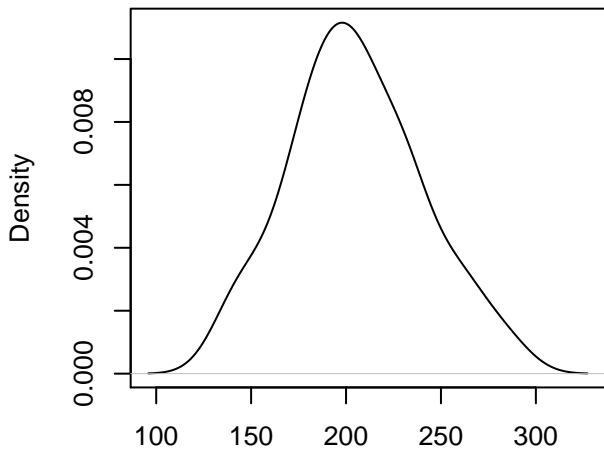
Insert size, N =60  
breakpoint: 5942051 – 5942119 col-0 tsu-0

**Bp = 1509 line = MAGIC.183 , Chr = 5**



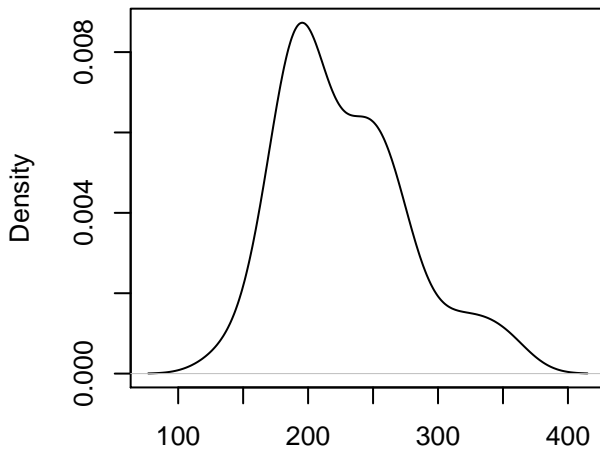
Insert size, N =209  
breakpoint: 5945121 – 5945195 tsu-0 edi-0

**Bp = 1510 line = MAGIC.183 , Chr = 5**



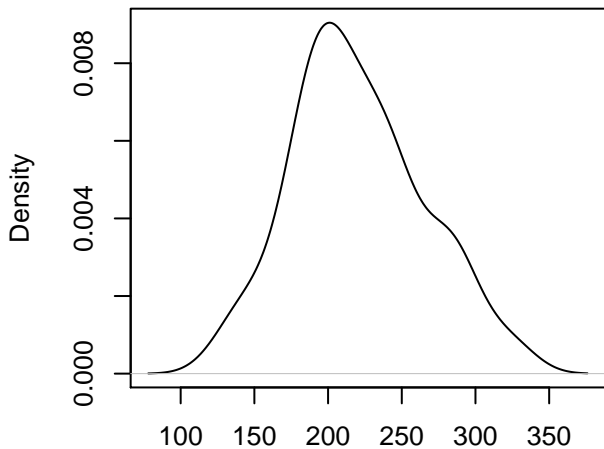
Insert size, N =60  
breakpoint: 5996627 – 5996833 edi-0 no-0

**Bp = 1511 line = MAGIC.183 , Chr = 5**



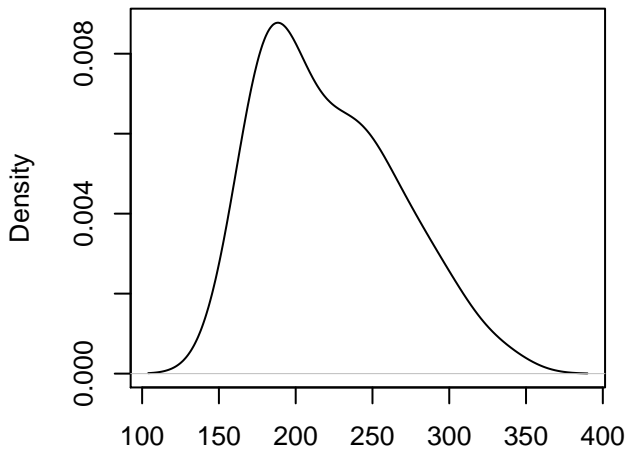
Insert size, N =50  
breakpoint: 6006749 – 6006761 no-0 bur-0

**Bp = 1512 line = MAGIC.183 , Chr = 5**



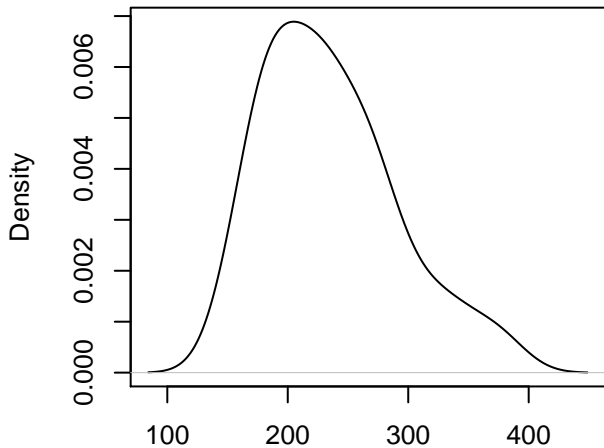
Insert size, N =66  
breakpoint: 6018995 – 6019045 bur-0 ler-0

**Bp = 1513 line = MAGIC.183 , Chr = 5**



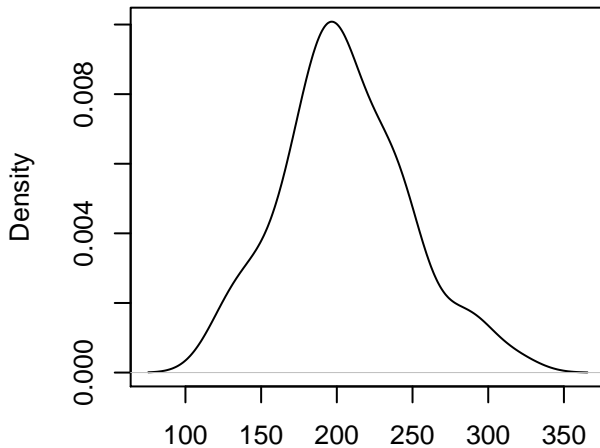
Insert size, N =53  
breakpoint: 6042006 – 6042193 ler-0 edi-0

**Bp = 1514 line = MAGIC.183 , Chr = 5**



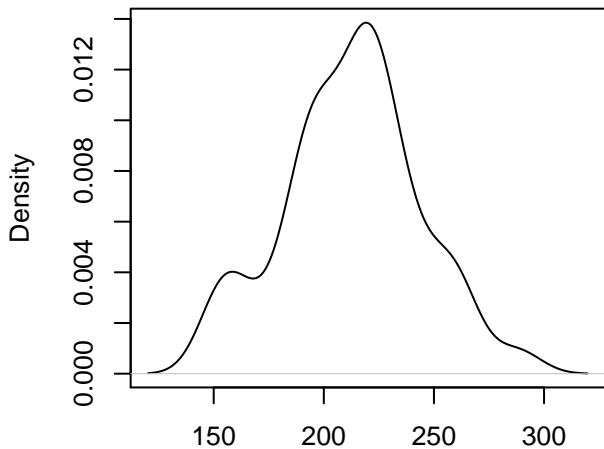
Insert size, N =57  
breakpoint: 6127066 – 6127090 edi-0 oy-0

**Bp = 1515 line = MAGIC.183 , Chr = 5**



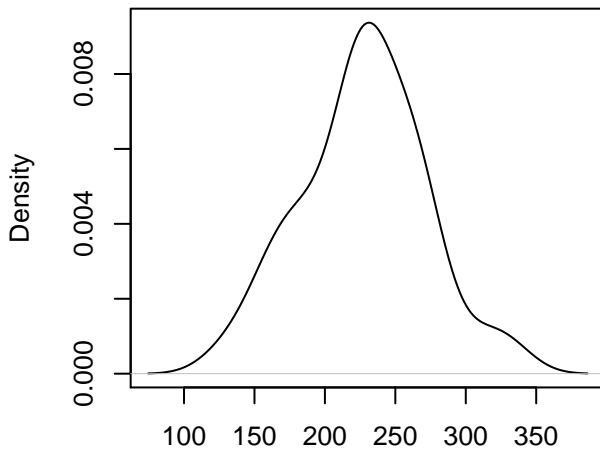
Insert size, N =68  
breakpoint: 6136015 – 6136051 oy-0 hi-0

**Bp = 1516 line = MAGIC.183 , Chr = 5**



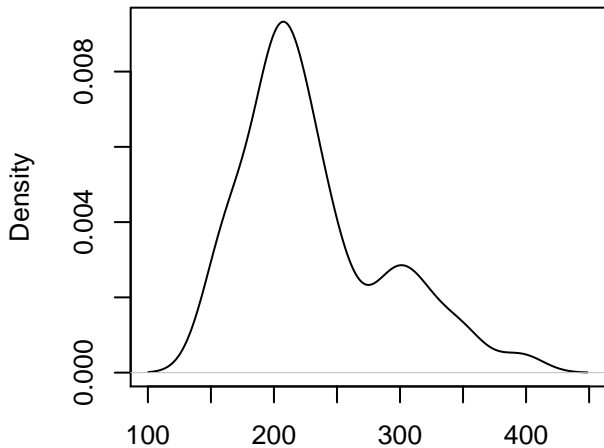
Insert size, N =42  
breakpoint: 6189236 – 6189299 hi-0 tsu-0

**Bp = 1517 line = MAGIC.183 , Chr = 5**



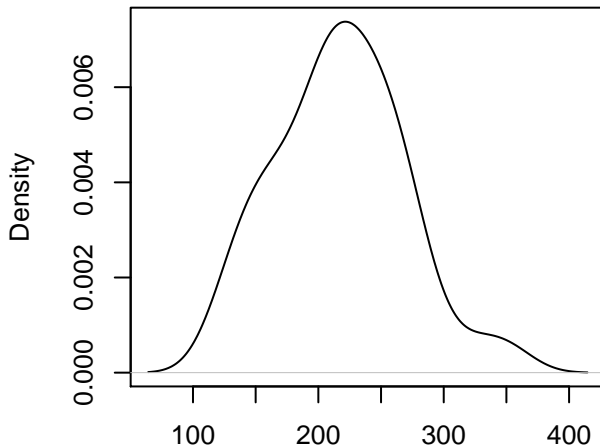
Insert size, N =35  
breakpoint: 6230972 – 6231378 tsu-0 wu-0

**Bp = 1518 line = MAGIC.183 , Chr = 5**



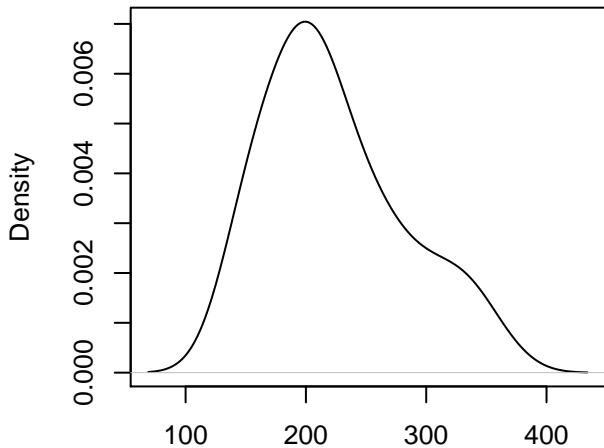
Insert size, N =48  
breakpoint: 6283373 – 6283418 wu-0 rsch-4

**Bp = 1519 line = MAGIC.183 , Chr = 5**



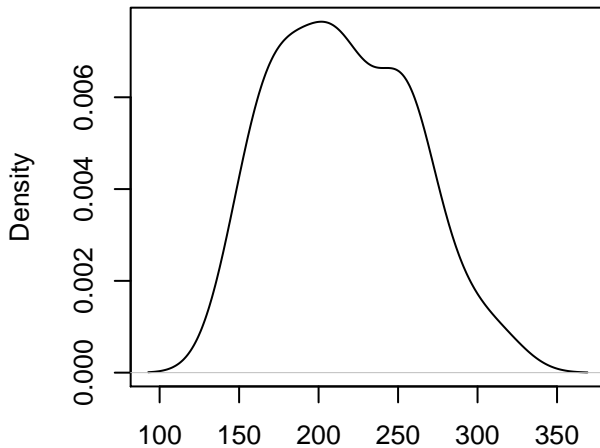
Insert size, N =43  
breakpoint: 6421646 – 6421665 rsch-4 col-0

**Bp = 1520 line = MAGIC.183 , Chr = 5**



Insert size, N =45  
breakpoint: 6453158 – 6453186 col-0 oy-0

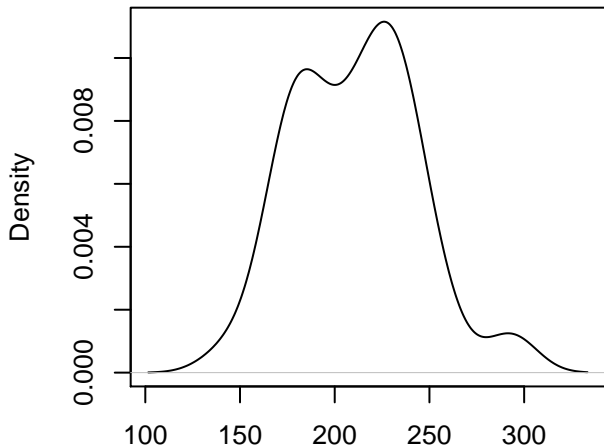
**Bp = 1521 line = MAGIC.183 , Chr = 5**



Insert size, N =60  
breakpoint: 6563137 – 6563229 oy-0 bur-0

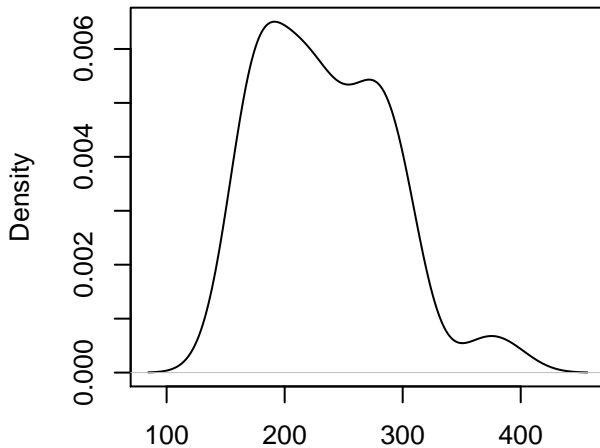


**Bp = 1522 line = MAGIC.183 , Chr = 5**



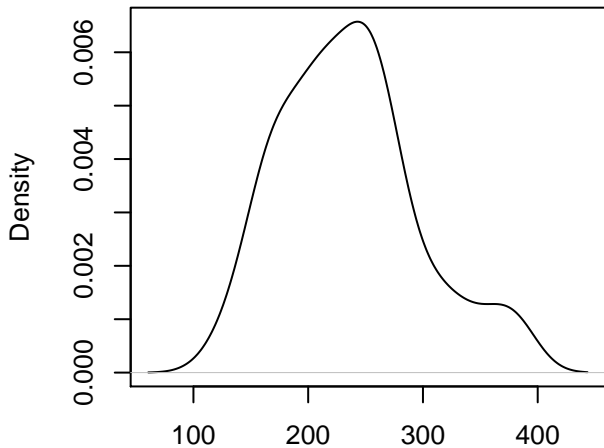
Insert size, N =49  
breakpoint: 6615437 – 6615438 bur-0 edi-0

**Bp = 1523 line = MAGIC.183 , Chr = 5**



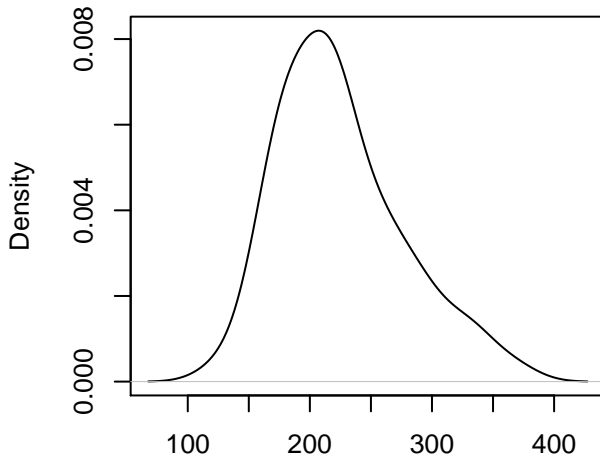
Insert size, N =72  
breakpoint: 6637819 – 6638152 edi-0 col-0

**Bp = 1524 line = MAGIC.183 , Chr = 5**



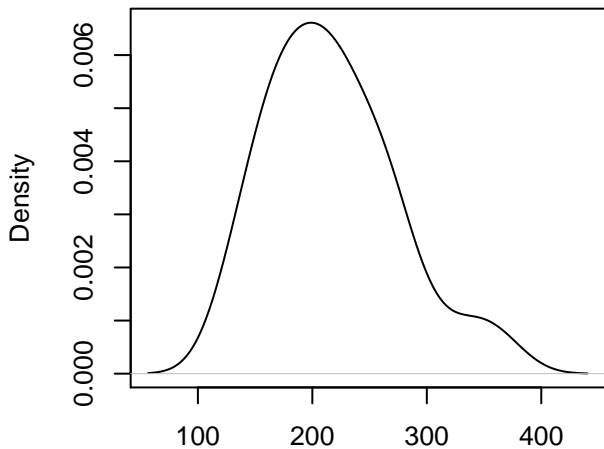
Insert size, N =82  
breakpoint: 6698808 – 6698987 col-0 wu-0

**Bp = 1525 line = MAGIC.183 , Chr = 5**



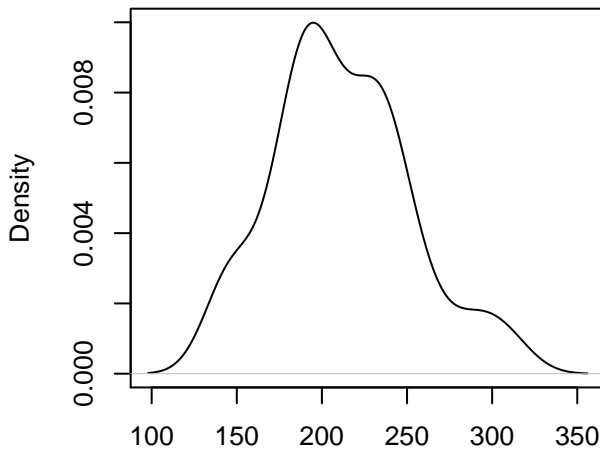
Insert size, N =56  
breakpoint: 6771913 – 6771916 wu-0 sf-2

**Bp = 1526 line = MAGIC.183 , Chr = 5**



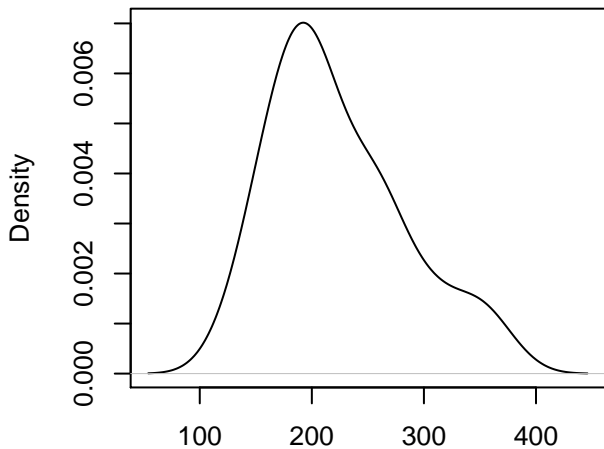
Insert size, N =47  
breakpoint: 6871307 – 6871391 sf-2 edi-0

**Bp = 1527 line = MAGIC.183 , Chr = 5**



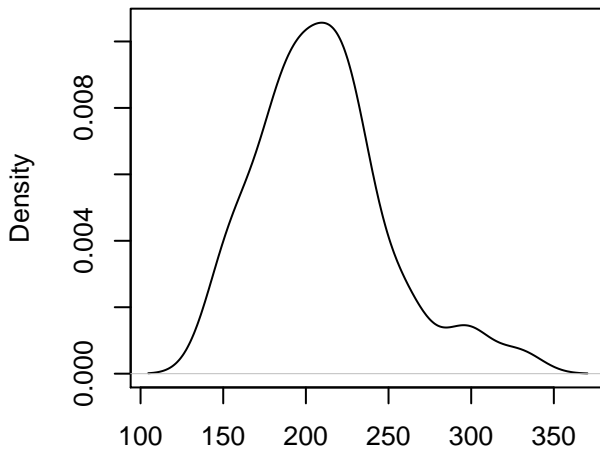
Insert size, N =37  
breakpoint: 6876177 – 6876186 edi-0 hi-0

**Bp = 1528 line = MAGIC.183 , Chr = 5**



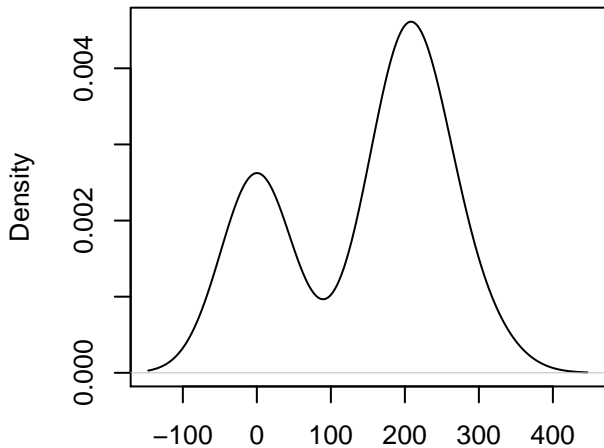
Insert size, N =61  
breakpoint: 7006680 – 7006689 hi-0 tsu-0

**Bp = 1529 line = MAGIC.183 , Chr = 5**



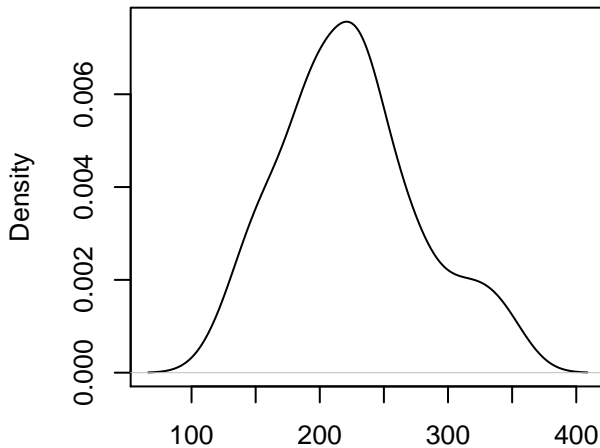
Insert size, N =44  
breakpoint: 7048551 – 7048583 tsu-0 bur-0

**Bp = 1530 line = MAGIC.183 , Chr = 5**



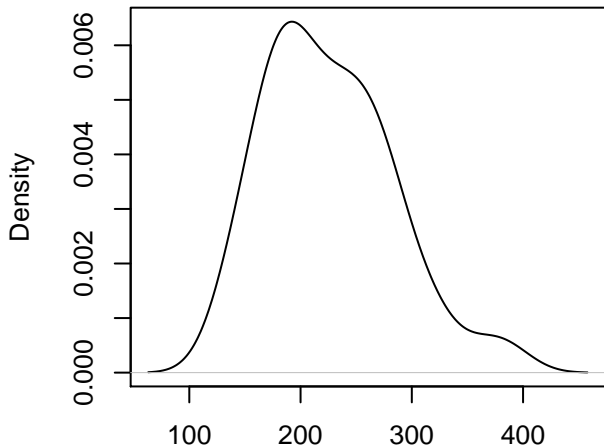
Insert size, N =28  
breakpoint: 7075439 – 7075454 bur-0 po-0

**Bp = 1531 line = MAGIC.183 , Chr = 5**



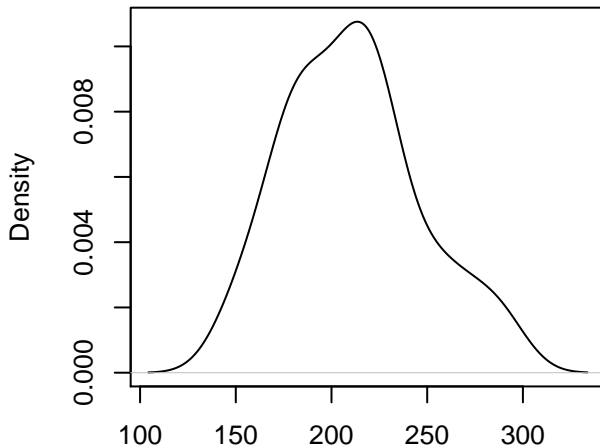
Insert size, N =55  
breakpoint: 7120926 – 7121427 po-0 zu-0

**Bp = 1532 line = MAGIC.183 , Chr = 5**



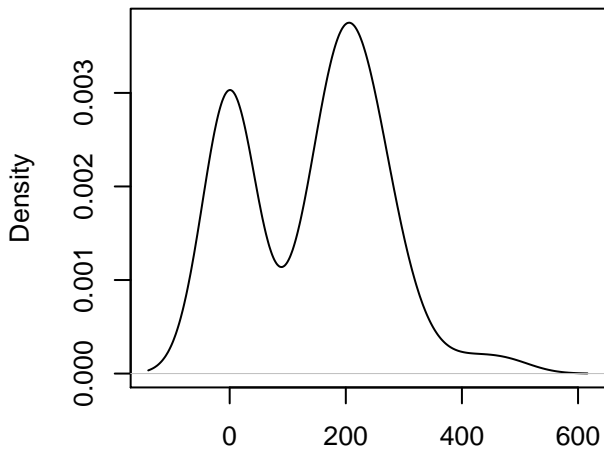
Insert size, N =51  
breakpoint: 7229509 – 7229510 zu-0 bur-0

**Bp = 1533 line = MAGIC.183 , Chr = 5**



Insert size, N =54  
breakpoint: 7313507 – 7313594 bur-0 ct-1

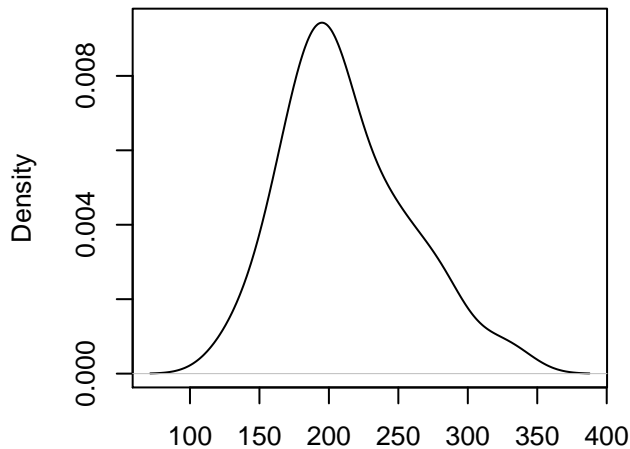
**Bp = 1534 line = MAGIC.183 , Chr = 5**



Insert size, N =65

breakpoint: 7343980 – 7343982 ct-1 po-0

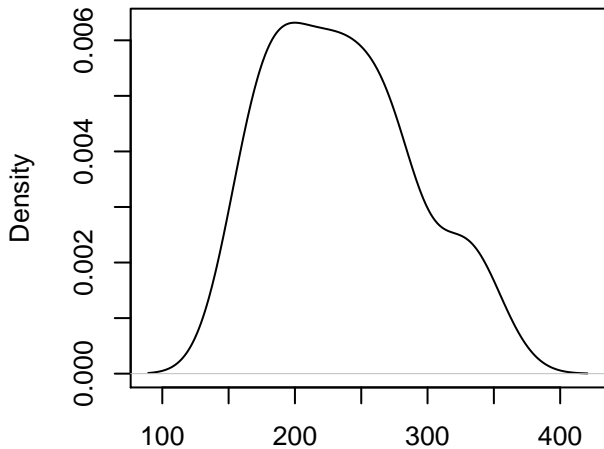
**Bp = 1535 line = MAGIC.183 , Chr = 5**



Insert size, N =51

breakpoint: 7430863 – 7430884 po-0 zu-0

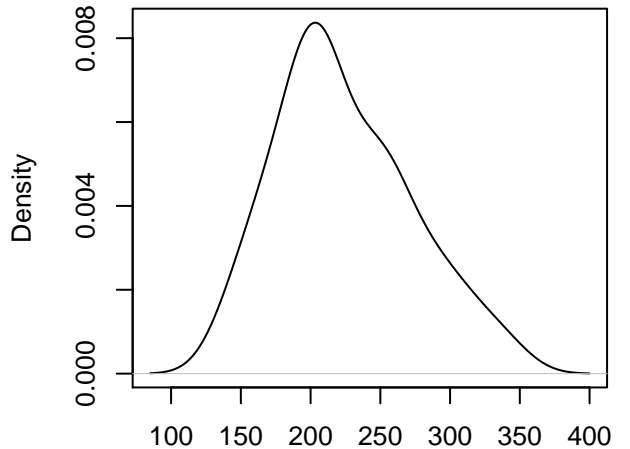
**Bp = 1536 line = MAGIC.183 , Chr = 5**



Insert size, N =59

breakpoint: 7447738 – 7447739 zu-0 edi-0

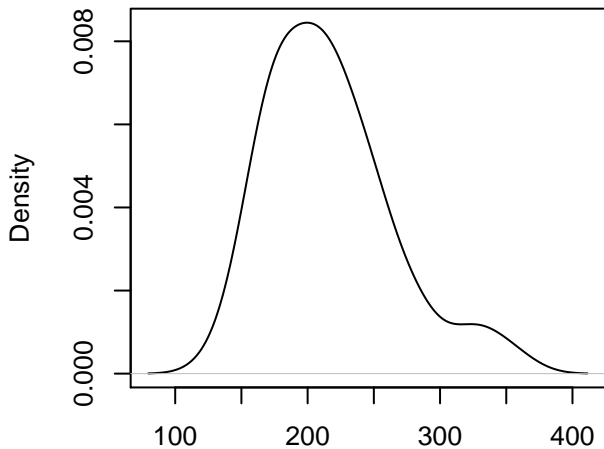
**Bp = 1537 line = MAGIC.183 , Chr = 5**



Insert size, N =55

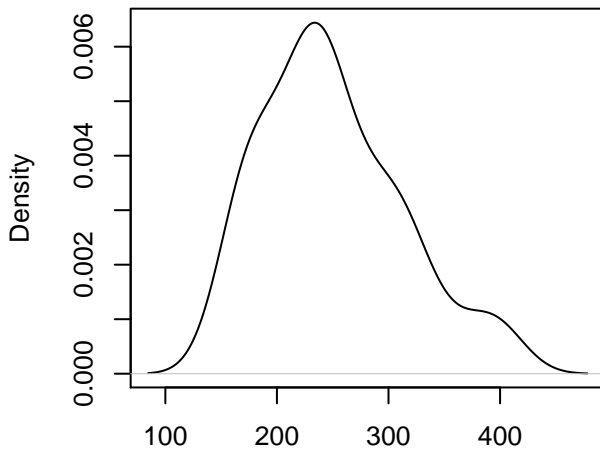
breakpoint: 7483628 – 7483646 edi-0 zu-0

**Bp = 1538 line = MAGIC.183 , Chr = 5**



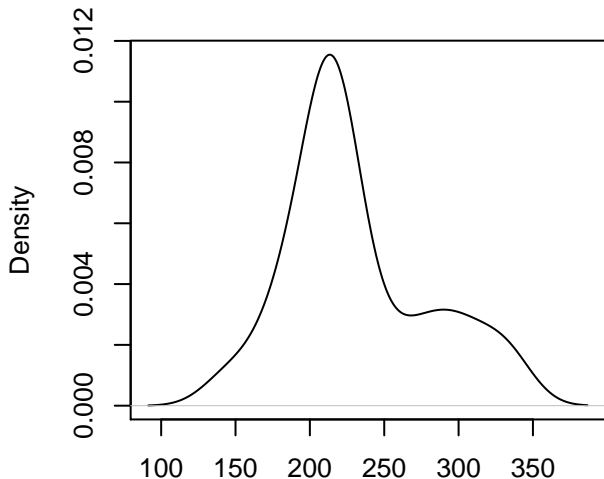
Insert size, N =45  
breakpoint: 7499695 – 7499700 zu-0 edi-0

**Bp = 1539 line = MAGIC.183 , Chr = 5**



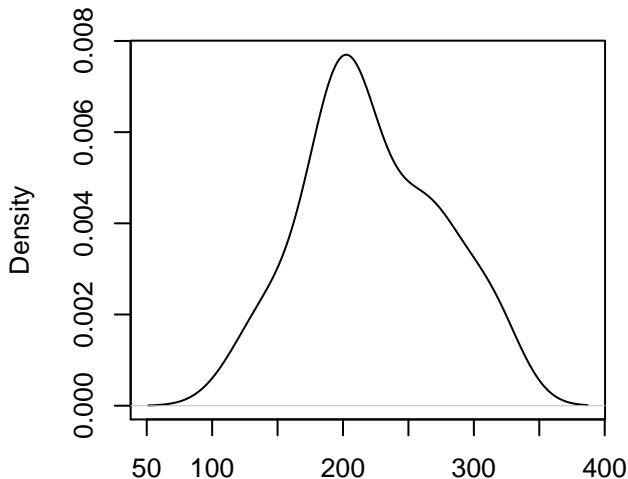
Insert size, N =45  
breakpoint: 7526261 – 7526270 edi-0 col-0

**Bp = 1540 line = MAGIC.183 , Chr = 5**



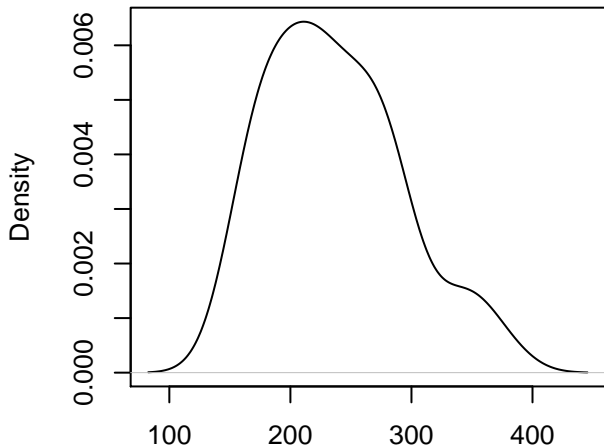
Insert size, N =45  
breakpoint: 7794634 – 7794674 col-0 zu-0

**Bp = 1541 line = MAGIC.183 , Chr = 5**



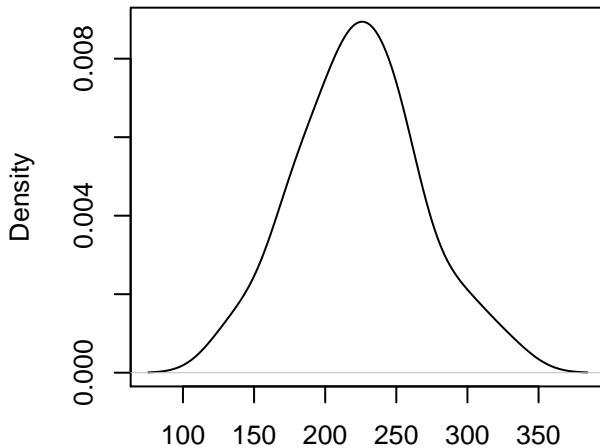
Insert size, N =35  
breakpoint: 7842015 – 7842017 zu-0 can-0

**Bp = 1542 line = MAGIC.183 , Chr = 5**



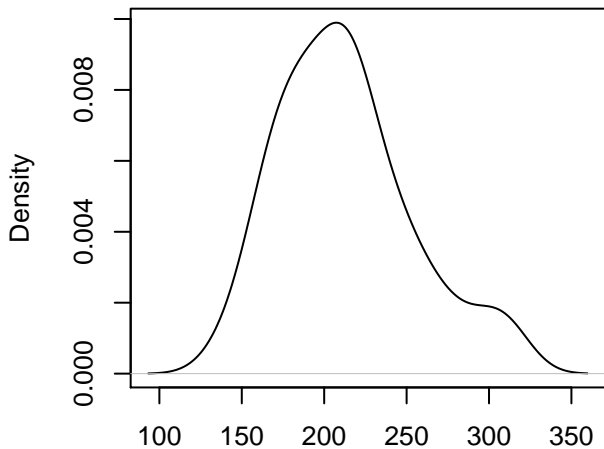
Insert size, N =51  
breakpoint: 7880033 – 7880034 can-0 col-0

**Bp = 1543 line = MAGIC.183 , Chr = 5**



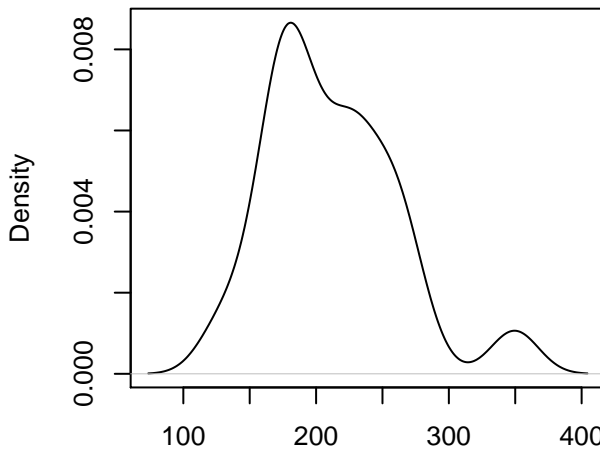
Insert size, N =35  
breakpoint: 7911362 – 7911370 col-0 bur-0

**Bp = 1544 line = MAGIC.183 , Chr = 5**



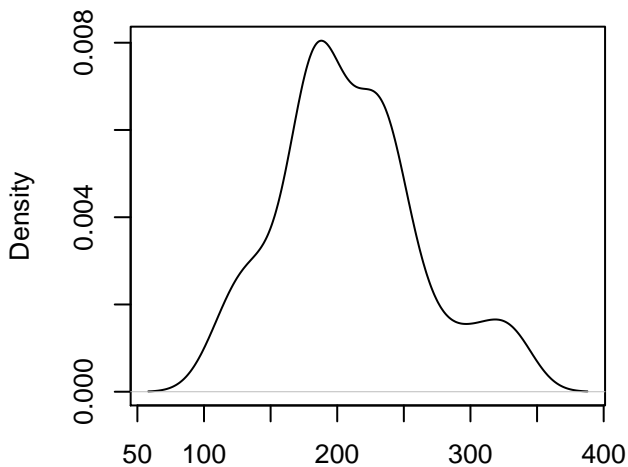
Insert size, N =60  
breakpoint: 7999439 – 7999445 bur-0 can-0

**Bp = 1545 line = MAGIC.183 , Chr = 5**



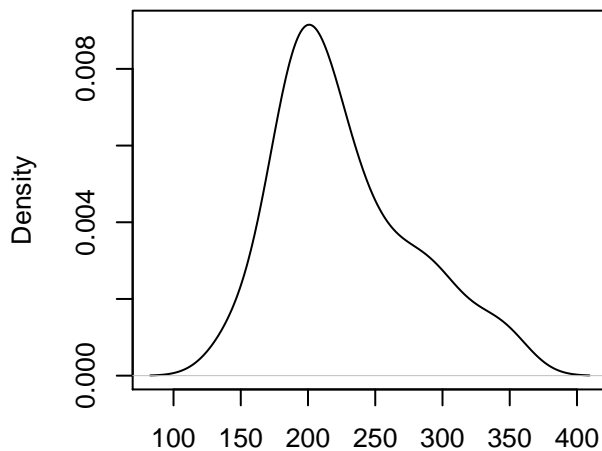
Insert size, N =42  
breakpoint: 8004818 – 8004830 can-0 wil-2

**Bp = 1546 line = MAGIC.183 , Chr = 5**



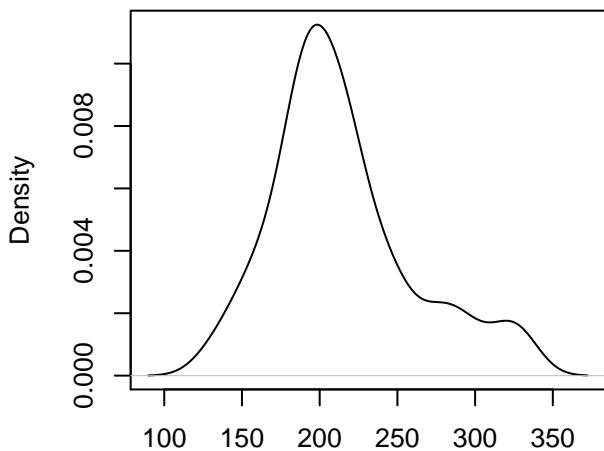
Insert size, N =51  
breakpoint: 8008880 – 8008899 wil-2 zu-0

**Bp = 1547 line = MAGIC.183 , Chr = 5**



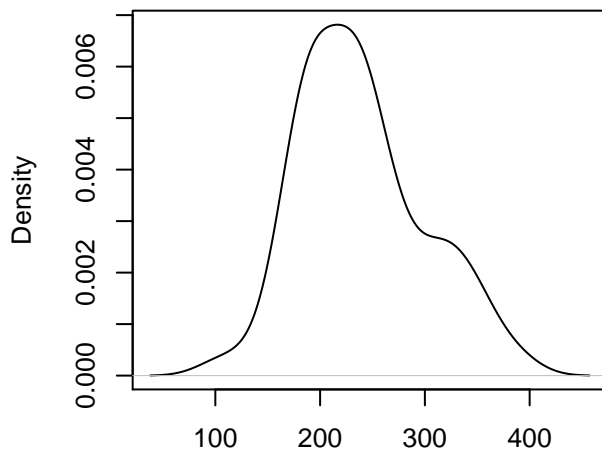
Insert size, N =60  
breakpoint: 8108605 – 8108776 zu-0 po-0

**Bp = 1548 line = MAGIC.183 , Chr = 5**



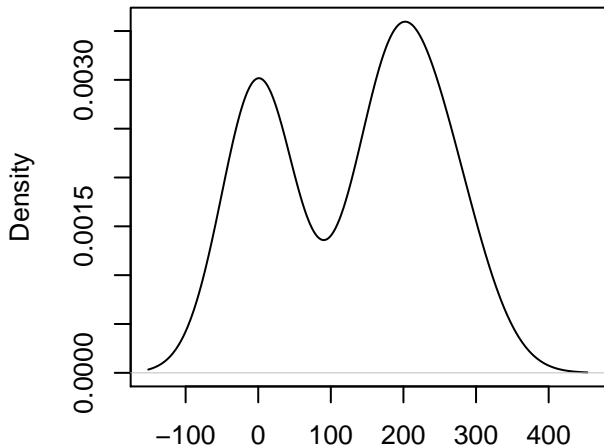
Insert size, N =51  
breakpoint: 8147023 – 8147024 po-0 hi-0

**Bp = 1549 line = MAGIC.183 , Chr = 5**



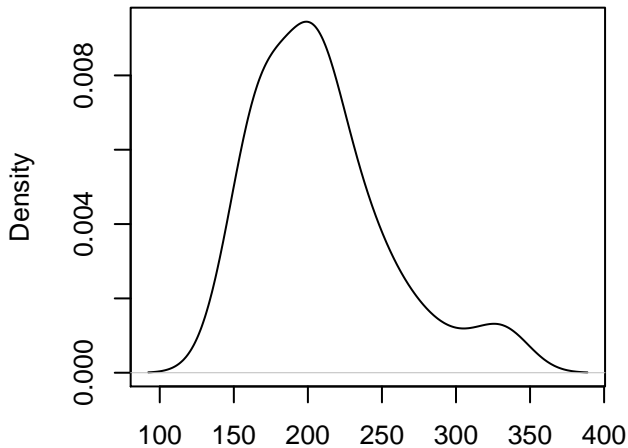
Insert size, N =57  
breakpoint: 8247943 – 8247969 hi-0 po-0

**Bp = 1550 line = MAGIC.183 , Chr = 5**



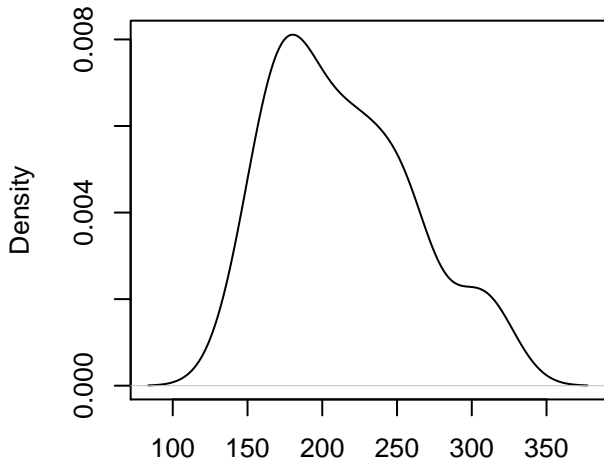
Insert size, N =29  
breakpoint: 8290981 – 8290982 po-0 mt-0

**Bp = 1551 line = MAGIC.183 , Chr = 5**



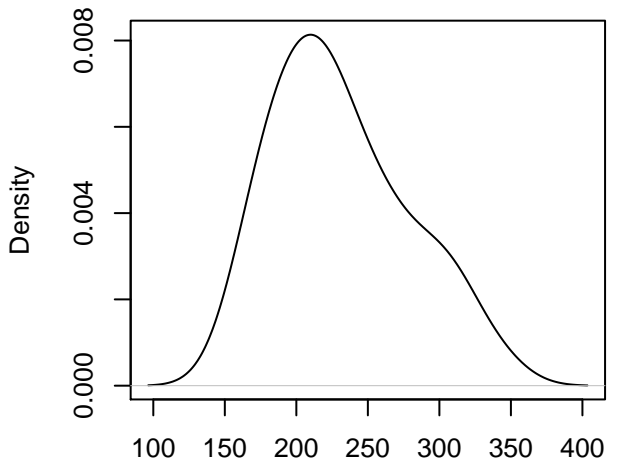
Insert size, N =38  
breakpoint: 8344056 – 8344221 mt-0 bur-0

**Bp = 1552 line = MAGIC.183 , Chr = 5**



Insert size, N =58  
breakpoint: 8559008 – 8559044 bur-0 ler-0

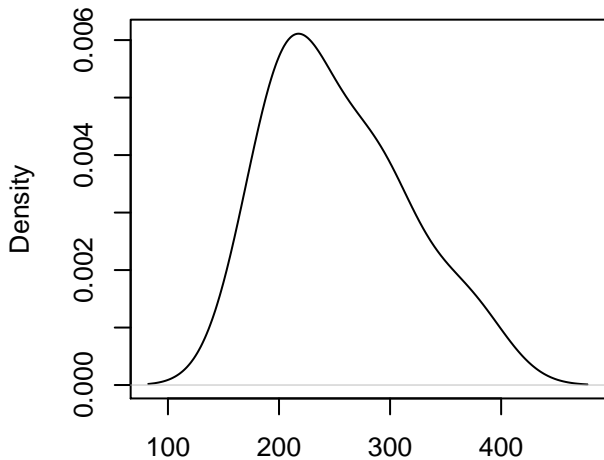
**Bp = 1553 line = MAGIC.183 , Chr = 5**



Insert size, N =38  
breakpoint: 8583225 – 8583258 ler-0 sf-2

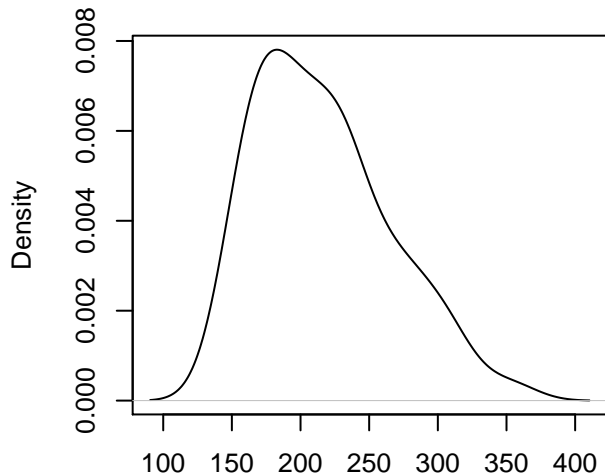


**Bp = 1554 line = MAGIC.183 , Chr = 5**



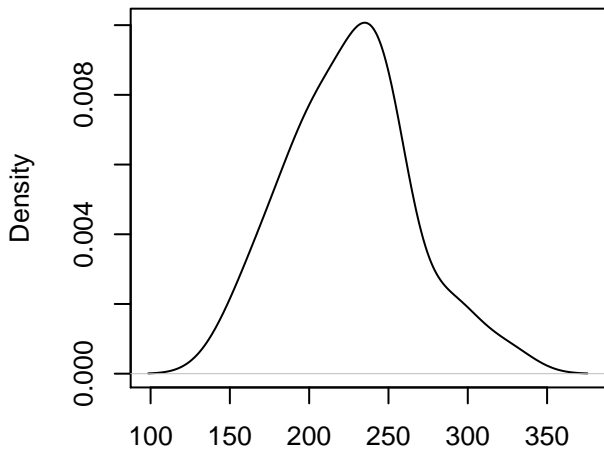
Insert size, N =13  
breakpoint: 8619209 – 8619274 sf-2 zu-0

**Bp = 1555 line = MAGIC.183 , Chr = 5**



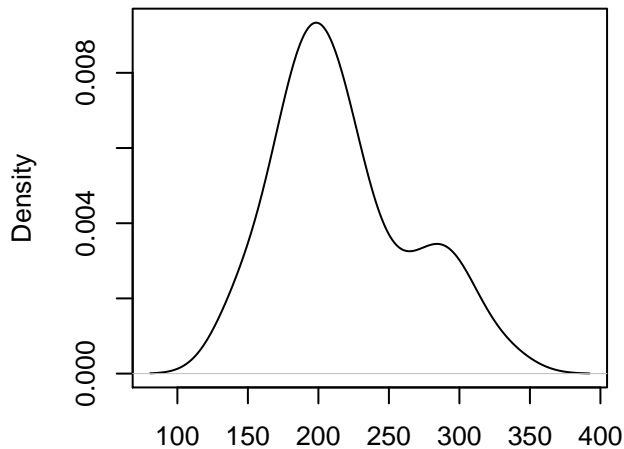
Insert size, N =57  
breakpoint: 8716409 – 8716412 zu-0 hi-0

**Bp = 1556 line = MAGIC.183 , Chr = 5**



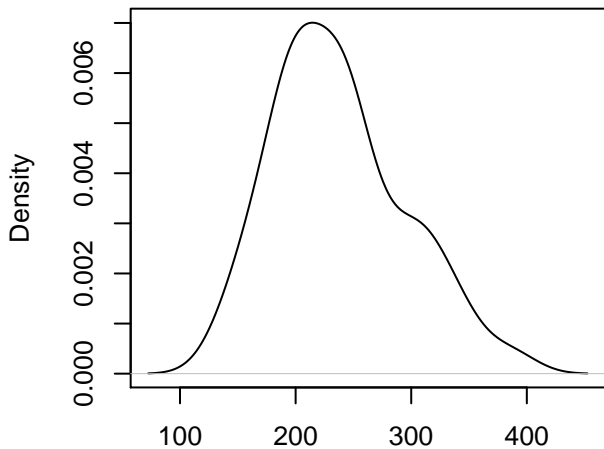
Insert size, N =35  
breakpoint: 8734864 – 8735018 hi-0 sf-2

**Bp = 1557 line = MAGIC.183 , Chr = 5**



Insert size, N =54  
breakpoint: 8769018 – 8769050 sf-2 po-0

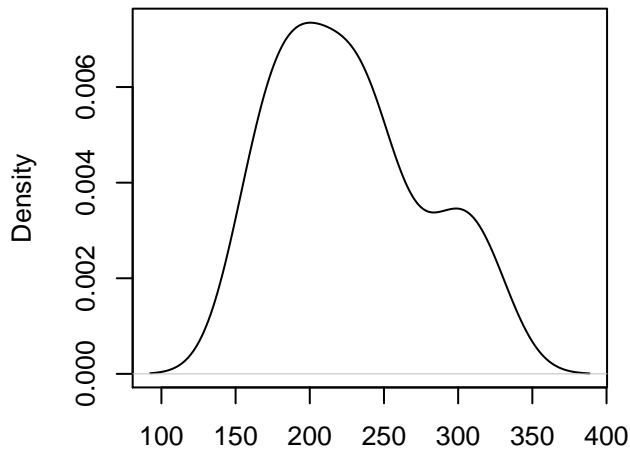
**Bp = 1558 line = MAGIC.183 , Chr = 5**



Insert size, N =43

breakpoint: 8833090 – 8833167 po-0 sf-2

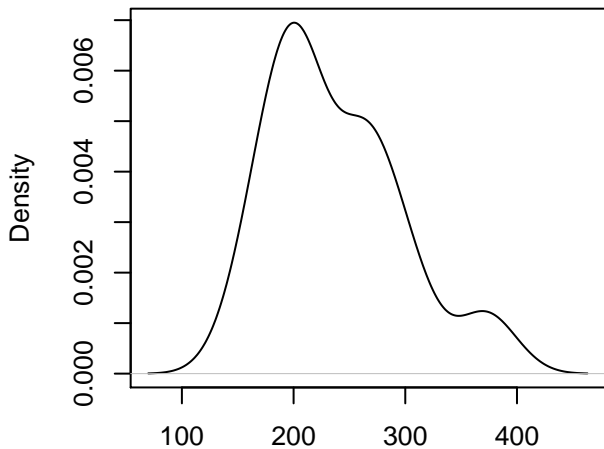
**Bp = 1559 line = MAGIC.183 , Chr = 5**



Insert size, N =41

breakpoint: 8840336 – 8840352 sf-2 oy-0

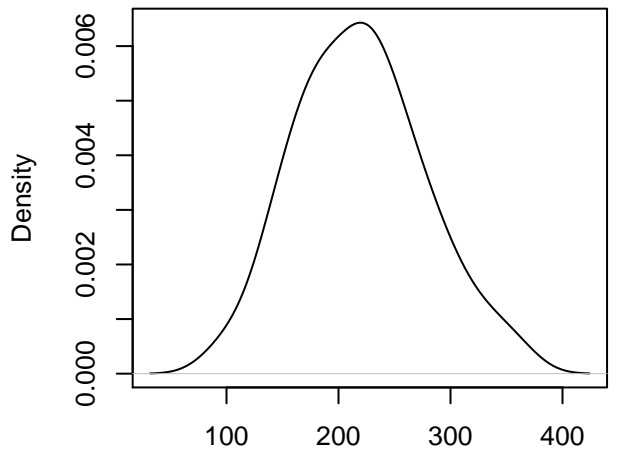
**Bp = 1560 line = MAGIC.183 , Chr = 5**



Insert size, N =53

breakpoint: 9077847 – 9077848 oy-0 po-0

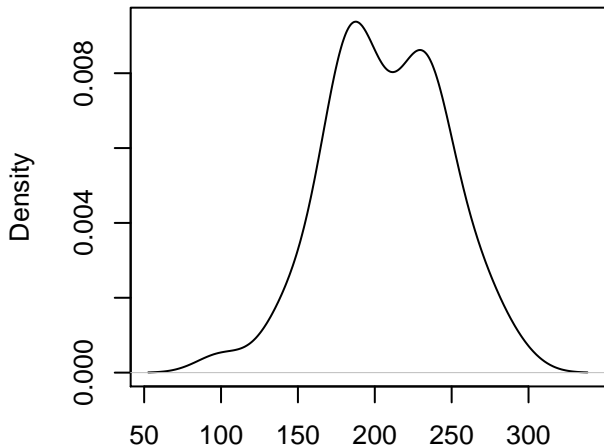
**Bp = 1561 line = MAGIC.183 , Chr = 5**



Insert size, N =77

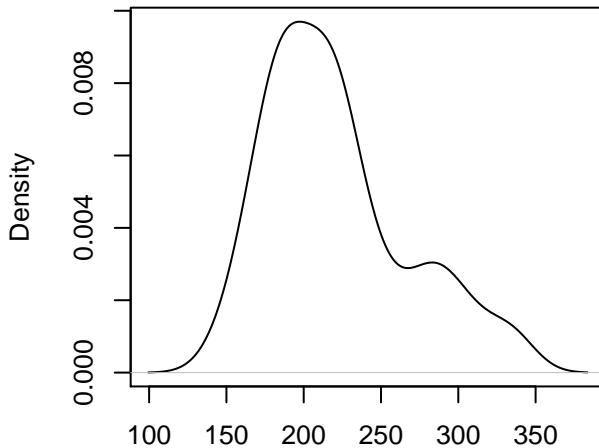
breakpoint: 9118840 – 9118897 po-0 ws-0

**Bp = 1562 line = MAGIC.183 , Chr = 5**



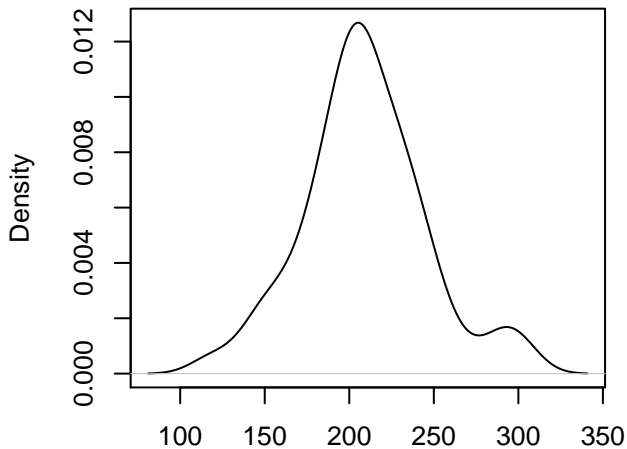
Insert size, N =52  
breakpoint: 9133315 – 9133481 ws-0 ct-1

**Bp = 1563 line = MAGIC.183 , Chr = 5**



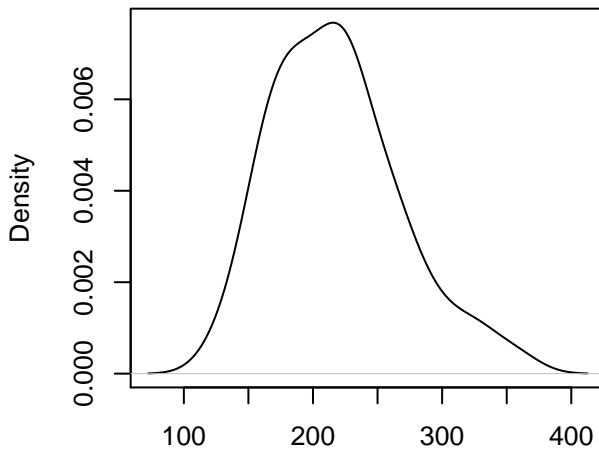
Insert size, N =68  
breakpoint: 9153453 – 9153455 ct-1 col-0

**Bp = 1564 line = MAGIC.183 , Chr = 5**



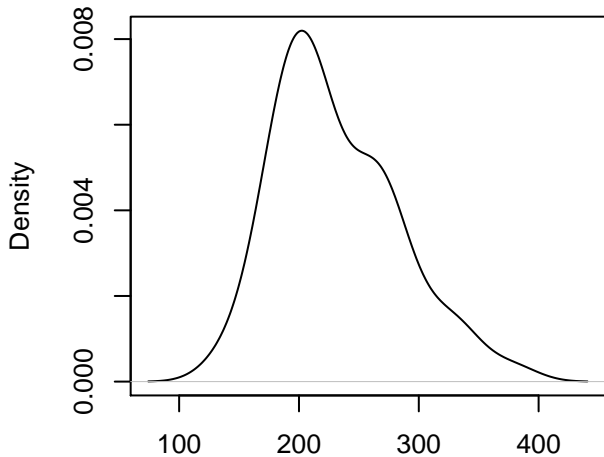
Insert size, N =54  
breakpoint: 9210052 – 9210172 col-0 bur-0

**Bp = 1565 line = MAGIC.183 , Chr = 5**



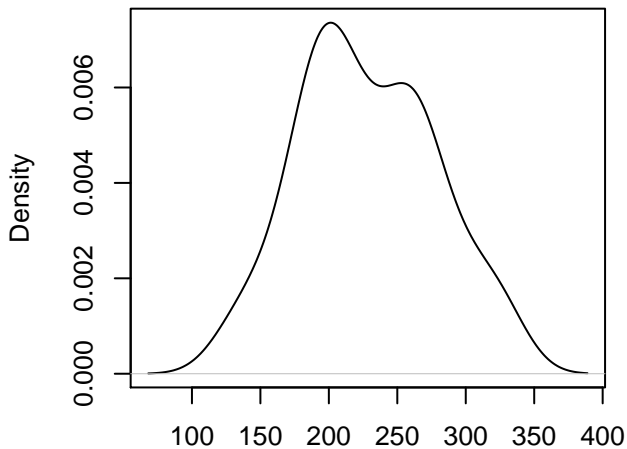
Insert size, N =53  
breakpoint: 9230862 – 9230952 bur-0 zu-0

**Bp = 1566 line = MAGIC.183 , Chr = 5**



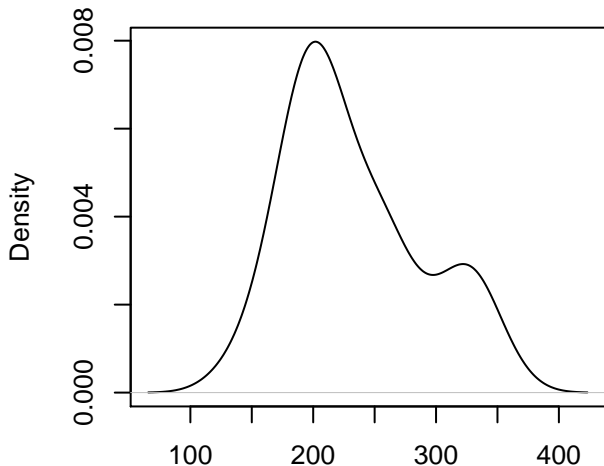
Insert size, N =53  
breakpoint: 9276411 – 9276448 zu-0 hi-0

**Bp = 1567 line = MAGIC.183 , Chr = 5**



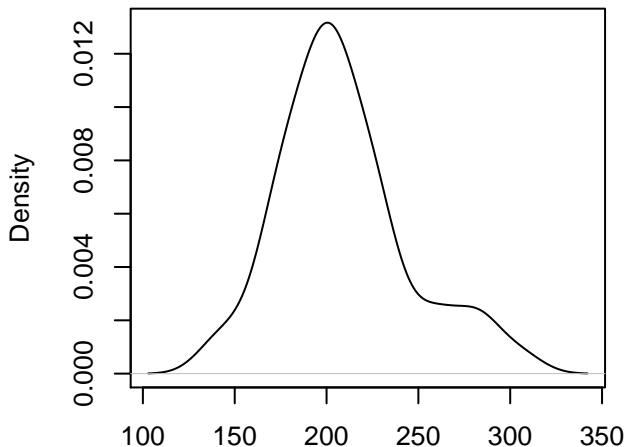
Insert size, N =47  
breakpoint: 9329469 – 9329549 hi-0 rsch-4

**Bp = 1568 line = MAGIC.183 , Chr = 5**



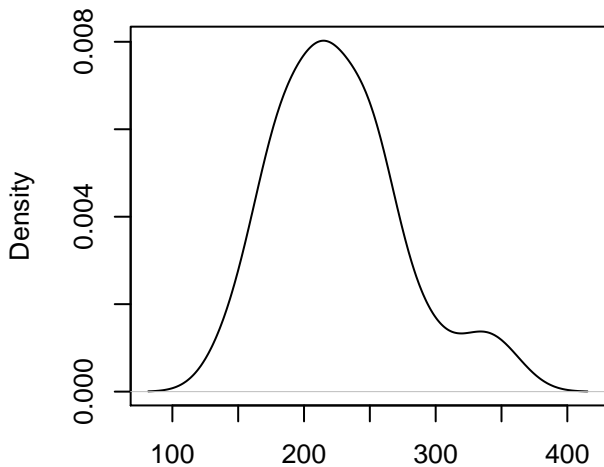
Insert size, N =56  
breakpoint: 9358219 – 9358249 rsch-4 hi-0

**Bp = 1569 line = MAGIC.183 , Chr = 5**



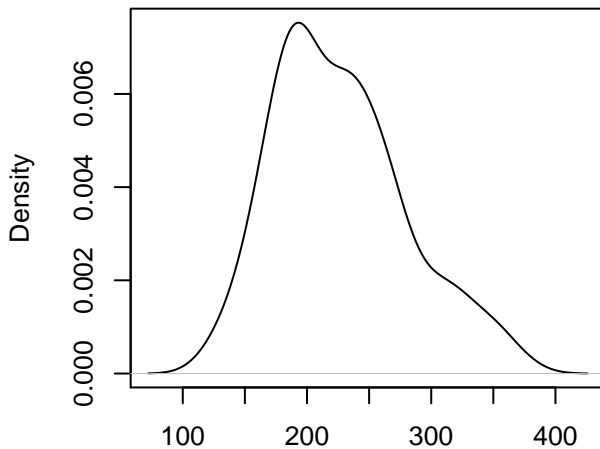
Insert size, N =49  
breakpoint: 9470172 – 9470228 hi-0 rsch-4

**Bp = 1570 line = MAGIC.183 , Chr = 5**



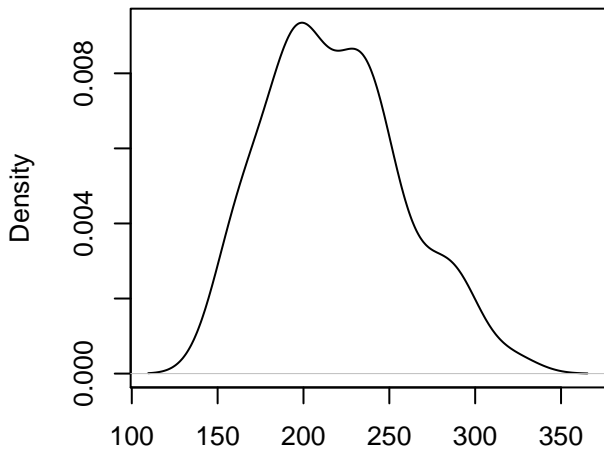
Insert size, N =56  
breakpoint: 9481885 – 9481932 rsch-4 ler-0

**Bp = 1571 line = MAGIC.183 , Chr = 5**



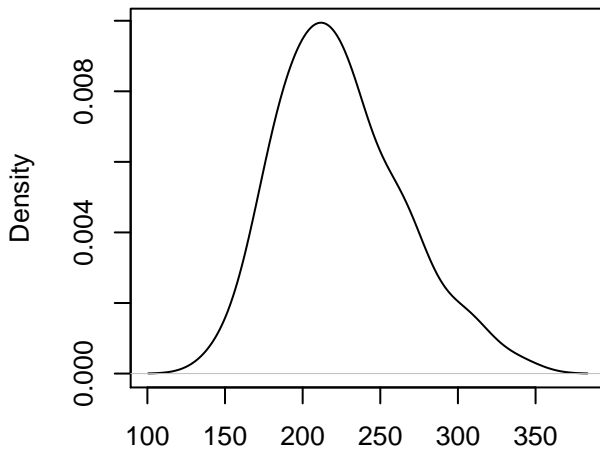
Insert size, N =133  
breakpoint: 9524349 – 9524690 ler-0 col-0

**Bp = 1572 line = MAGIC.183 , Chr = 5**



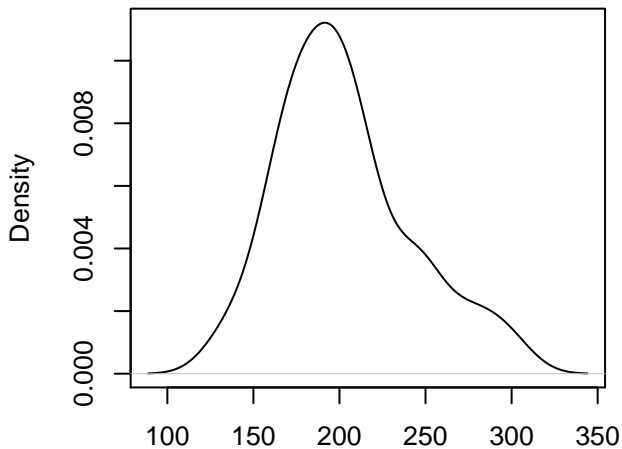
Insert size, N =64  
breakpoint: 9918090 – 9918096 col-0 kn-0

**Bp = 1573 line = MAGIC.183 , Chr = 5**



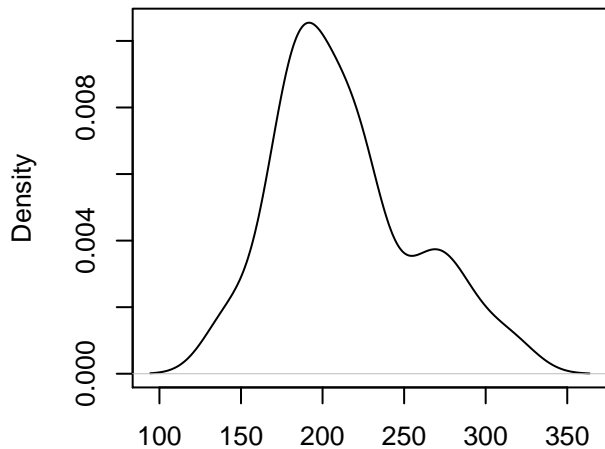
Insert size, N =73  
breakpoint: 9935137 – 9935164 kn-0 bur-0

**Bp = 1574 line = MAGIC.183 , Chr = 5**



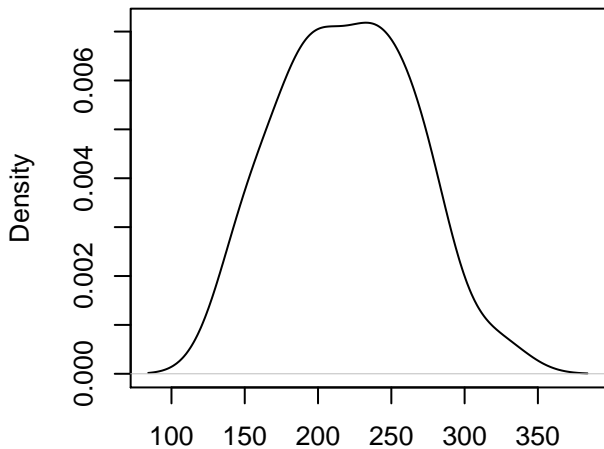
Insert size, N =41  
breakpoint: 9945006 – 9945018 bur-0 rsch-4

**Bp = 1575 line = MAGIC.183 , Chr = 5**



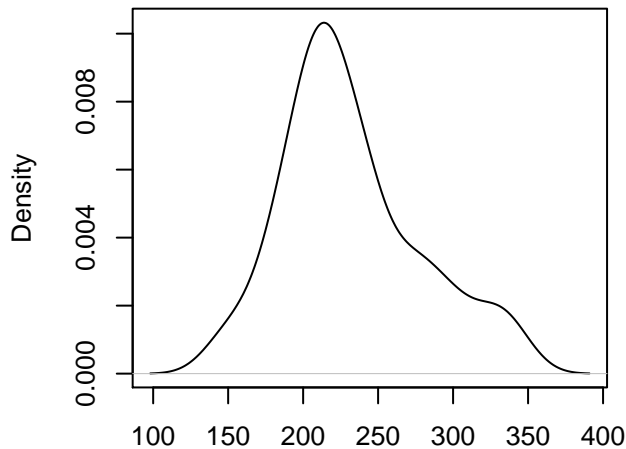
Insert size, N =31  
breakpoint: 9956300 – 9956312 rsch-4 mt-0

**Bp = 1576 line = MAGIC.183 , Chr = 5**



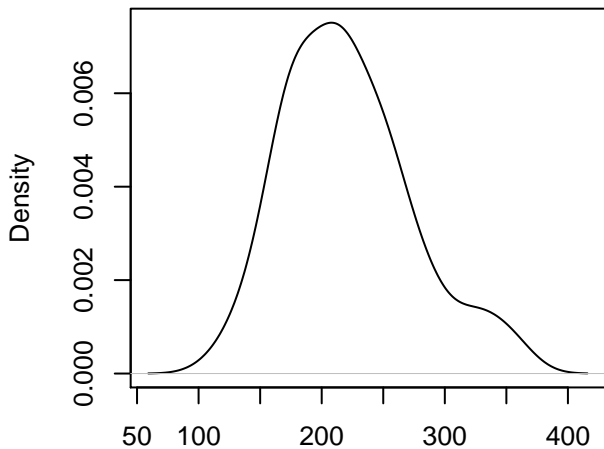
Insert size, N =29  
breakpoint: 9990052 – 9990092 mt-0 rsch-4

**Bp = 1577 line = MAGIC.183 , Chr = 5**



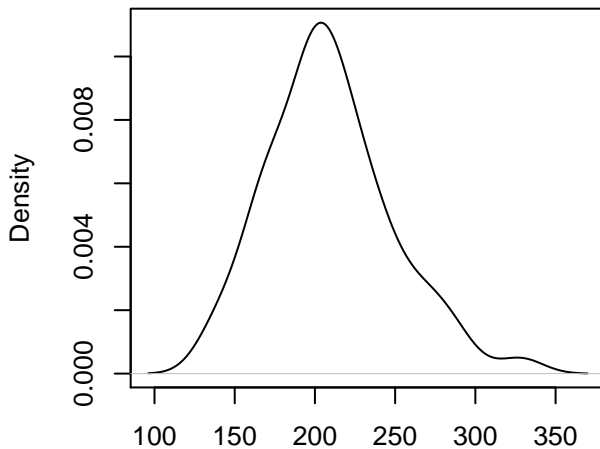
Insert size, N =54  
breakpoint: 10003054 – 10003067 rsch-4 oy-0

**Bp = 1578 line = MAGIC.183 , Chr = 5**



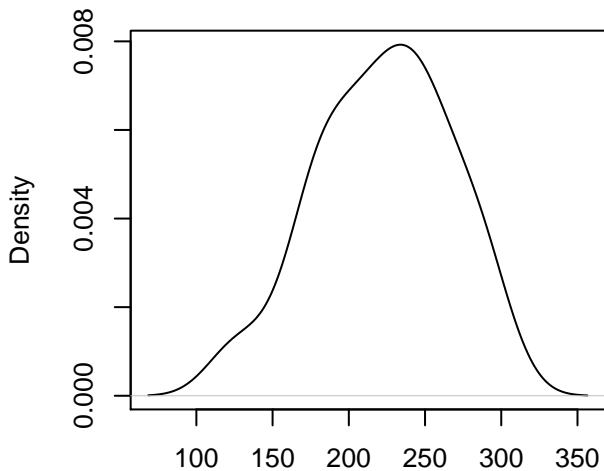
Insert size, N =100  
breakpoint: 10142279 – 10142290 oy-0 ler-0

**Bp = 1579 line = MAGIC.183 , Chr = 5**



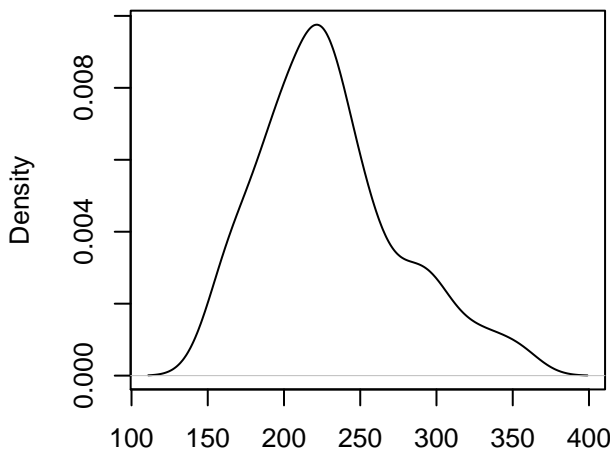
Insert size, N =59  
breakpoint: 10192256 – 10192268 ler-0 oy-0

**Bp = 1580 line = MAGIC.183 , Chr = 5**



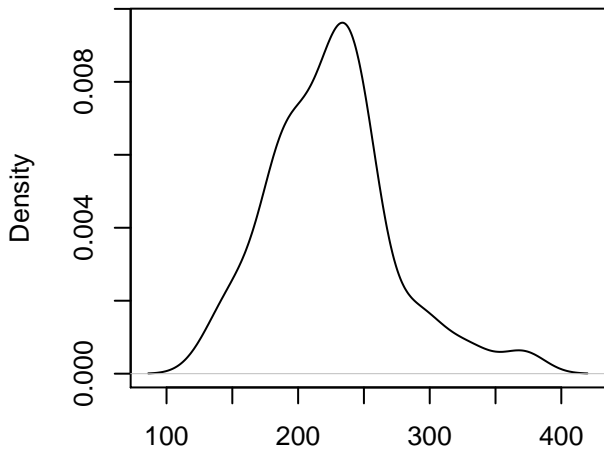
Insert size, N =45  
breakpoint: 10263651 – 10263681 oy-0 zu-0

**Bp = 1581 line = MAGIC.183 , Chr = 5**



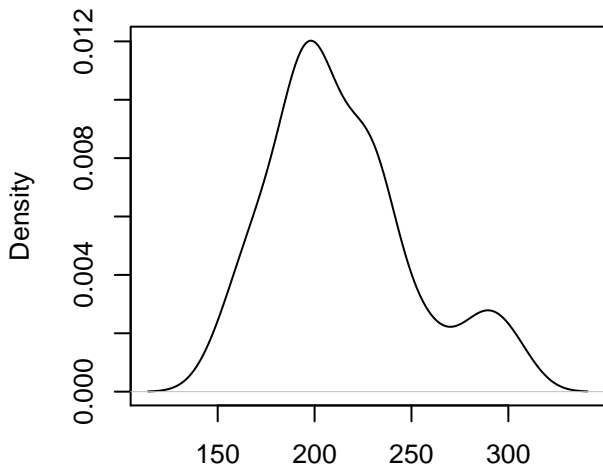
Insert size, N =88  
breakpoint: 10360285 – 10360297 zu-0 wil-2

**Bp = 1582 line = MAGIC.183 , Chr = 5**



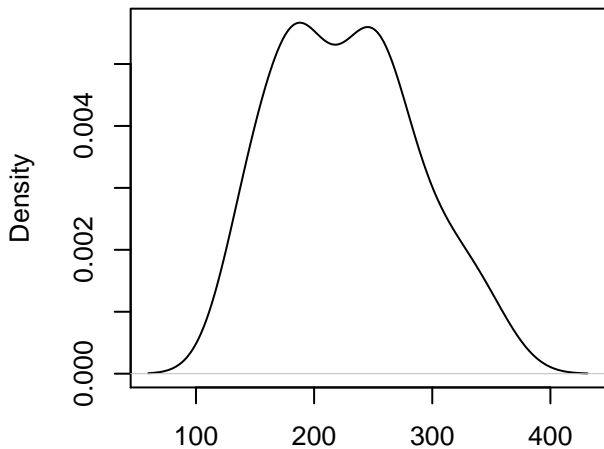
Insert size, N =41  
breakpoint: 10424959 – 10424976 wil-2 mt-0

**Bp = 1583 line = MAGIC.183 , Chr = 5**



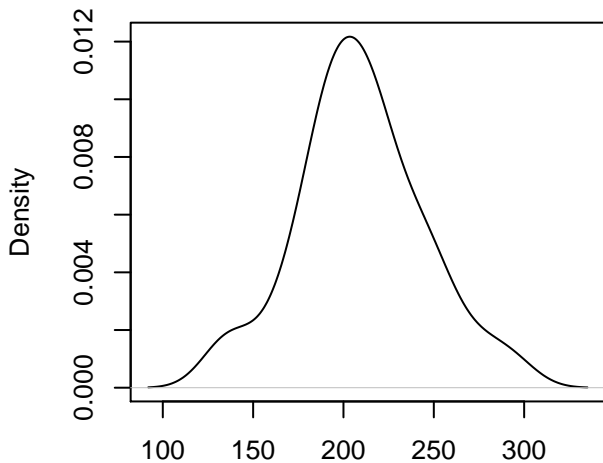
Insert size, N =65  
breakpoint: 10498715 – 10498719 mt-0 oy-0

**Bp = 1584 line = MAGIC.183 , Chr = 5**



Insert size, N =49  
breakpoint: 10862636 – 10862654 oy-0 sf-2

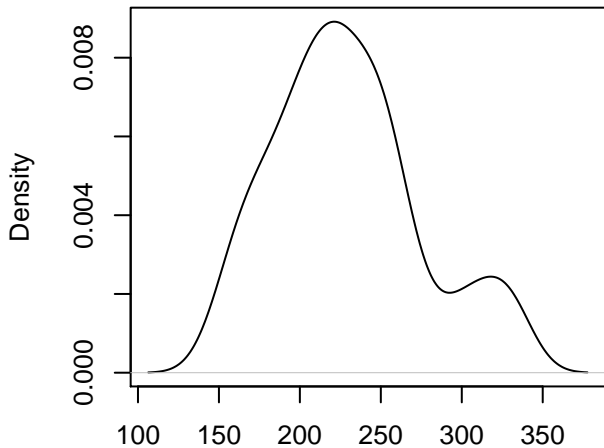
**Bp = 1585 line = MAGIC.183 , Chr = 5**



Insert size, N =33  
breakpoint: 10901113 – 10901127 sf-2 hi-0

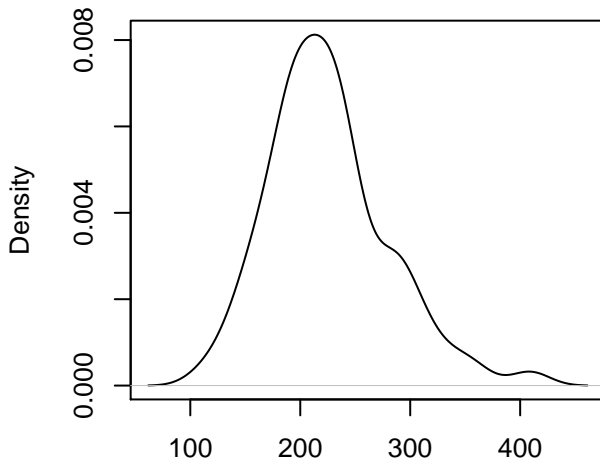


**Bp = 1586 line = MAGIC.183 , Chr = 5**



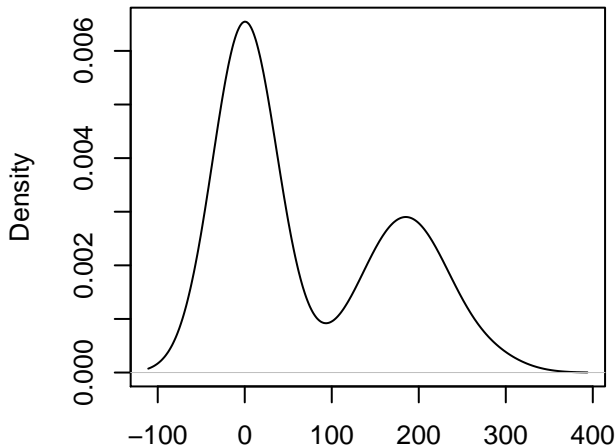
Insert size, N =94  
breakpoint: 11009312 – 11009379 hi=0 kn=0

**Bp = 1587 line = MAGIC.183 , Chr = 5**



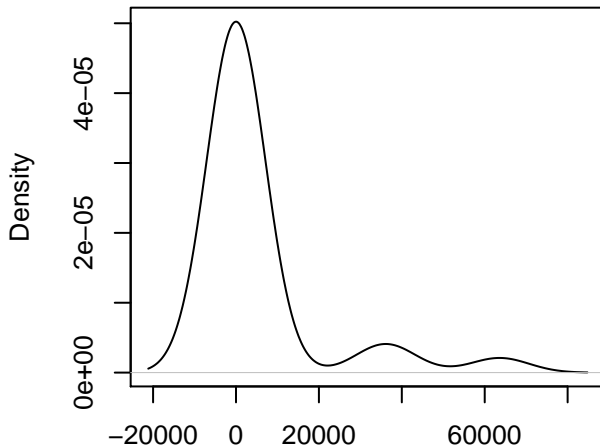
Insert size, N =72  
breakpoint: 11519029 – 11519139 kn=0 hi=0

**Bp = 1588 line = MAGIC.183 , Chr = 5**



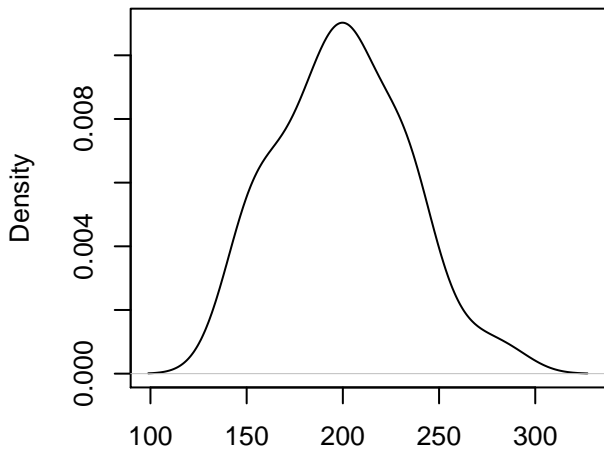
Insert size, N =68  
breakpoint: 11656139 – 11656142 hi=0 kn=0

**Bp = 1589 line = MAGIC.183 , Chr = 5**



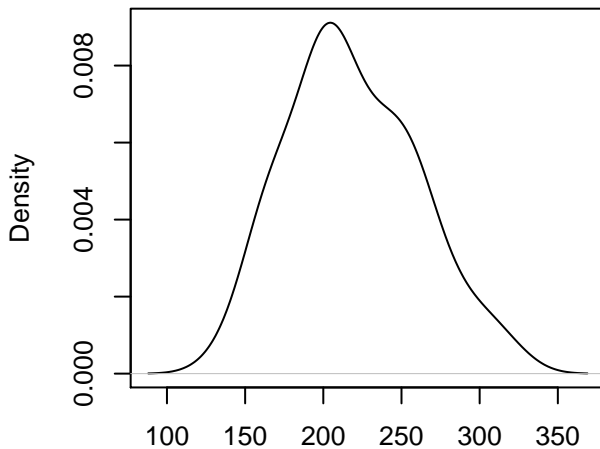
Insert size, N =27  
breakpoint: 11670886 – 11684279 kn=0 col=0

**Bp = 1590 line = MAGIC.183 , Chr = 5**



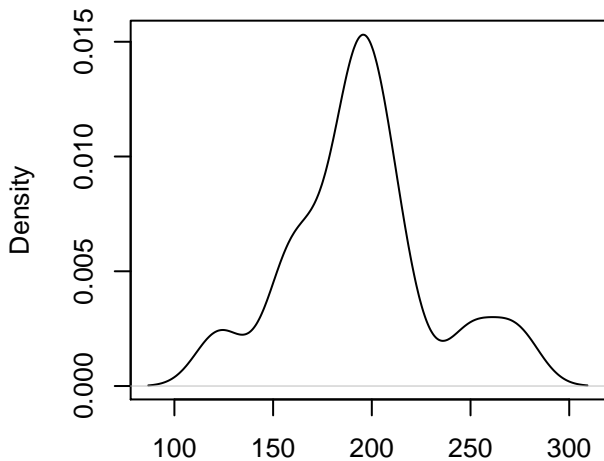
Insert size, N =44  
breakpoint: 12076675 – 12076712 col-0 ws-0

**Bp = 1591 line = MAGIC.183 , Chr = 5**



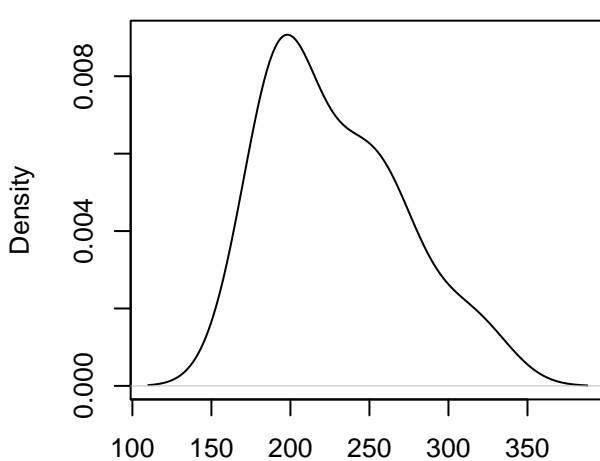
Insert size, N =55  
breakpoint: 12263469 – 12263477 ws-0 edi-0

**Bp = 1592 line = MAGIC.183 , Chr = 5**



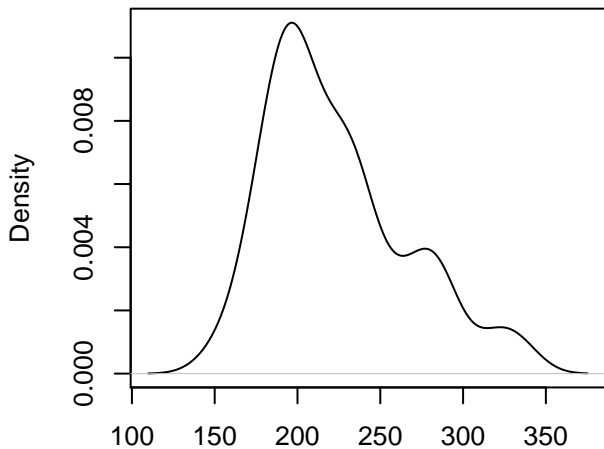
Insert size, N =14  
breakpoint: 12408036 – 12408062 edi-0 sf-2

**Bp = 1593 line = MAGIC.183 , Chr = 5**



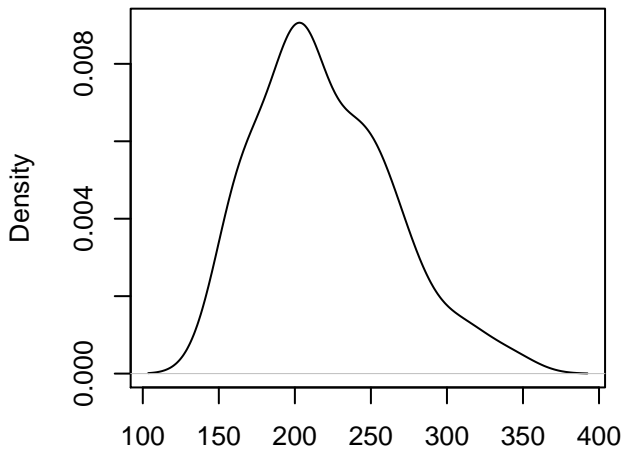
Insert size, N =18  
breakpoint: 12548429 – 12548433 sf-2 kn-0

**Bp = 1594 line = MAGIC.183 , Chr = 5**



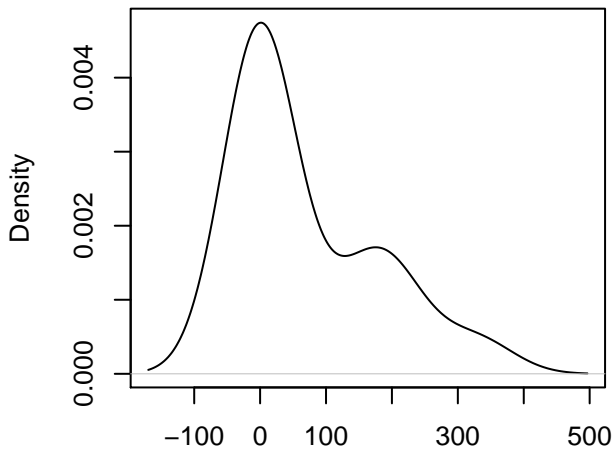
Insert size, N =70  
breakpoint: 12595097 – 12595099 kn-0 ws-0

**Bp = 1595 line = MAGIC.183 , Chr = 5**



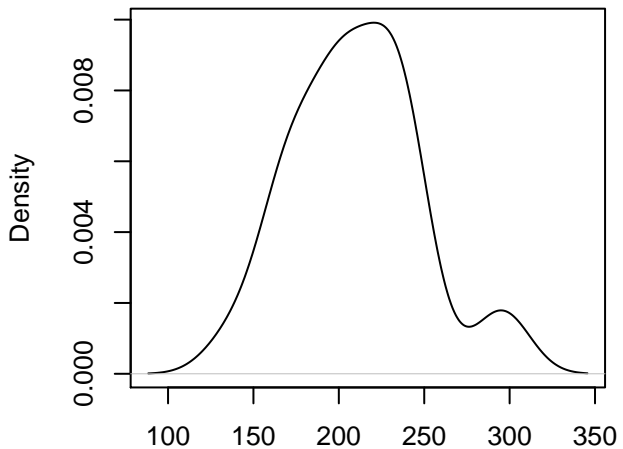
Insert size, N =58  
breakpoint: 12980416 – 12980447 ws-0 edi-0

**Bp = 1596 line = MAGIC.183 , Chr = 5**



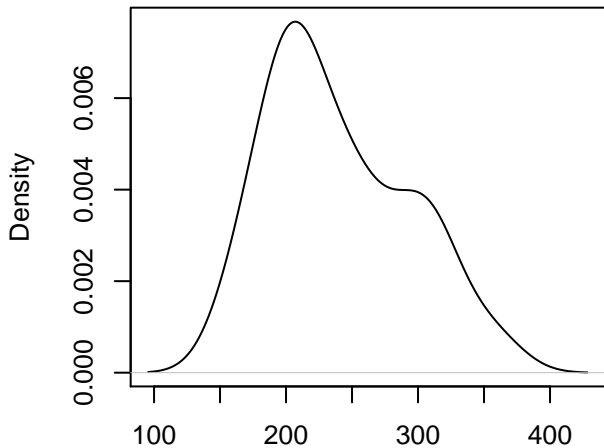
Insert size, N =15  
breakpoint: 13049064 – 13049078 edi-0 tsu-0

**Bp = 1597 line = MAGIC.183 , Chr = 5**



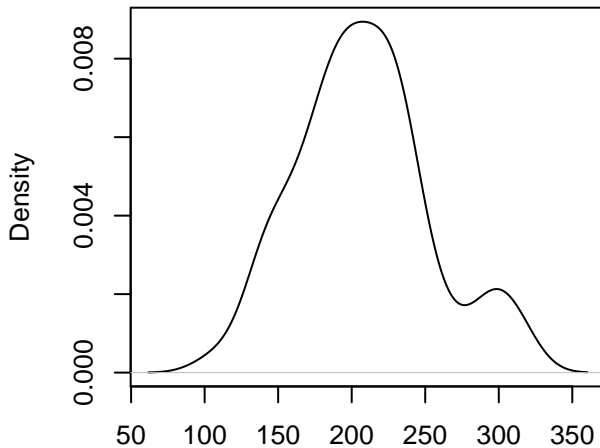
Insert size, N =28  
breakpoint: 13078372 – 13078377 tsu-0 oy-0

**Bp = 1598 line = MAGIC.183 , Chr = 5**



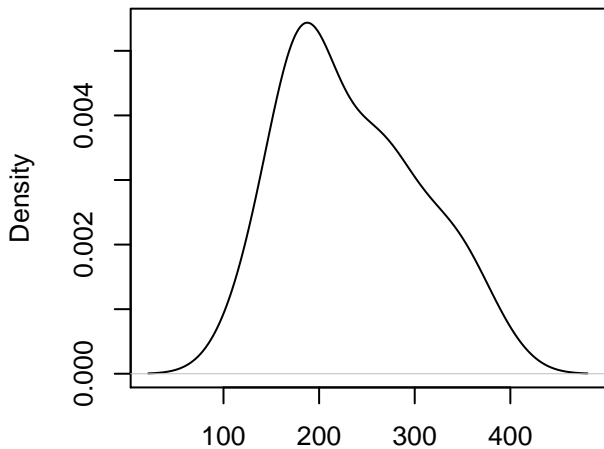
Insert size, N =43  
breakpoint: 13092245 – 13093178 oy-0 kn-0

**Bp = 1599 line = MAGIC.183 , Chr = 5**



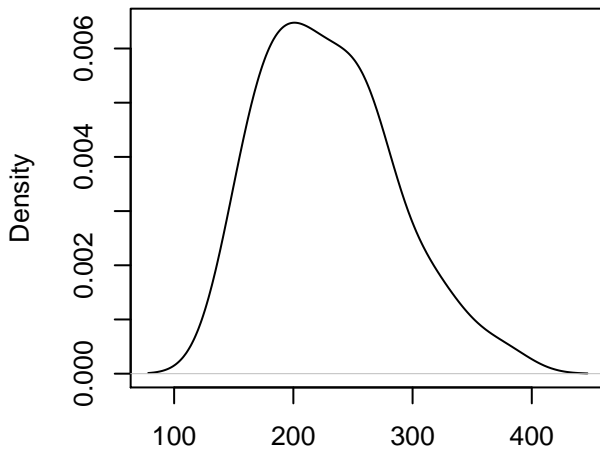
Insert size, N =65  
breakpoint: 13237465 – 13237475 kn-0 sf-2

**Bp = 1600 line = MAGIC.183 , Chr = 5**



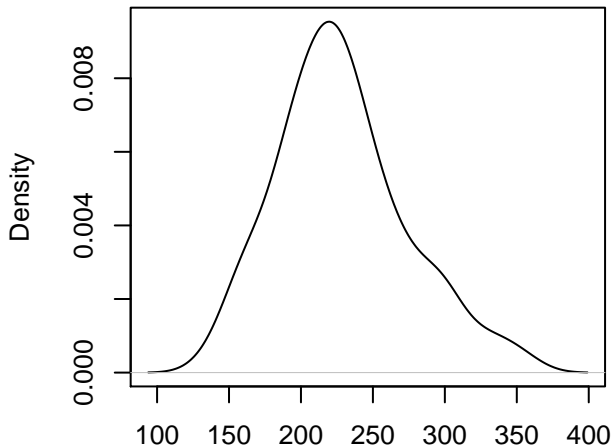
Insert size, N =30  
breakpoint: 13343674 – 13343783 sf-2 bur-0

**Bp = 1601 line = MAGIC.183 , Chr = 5**



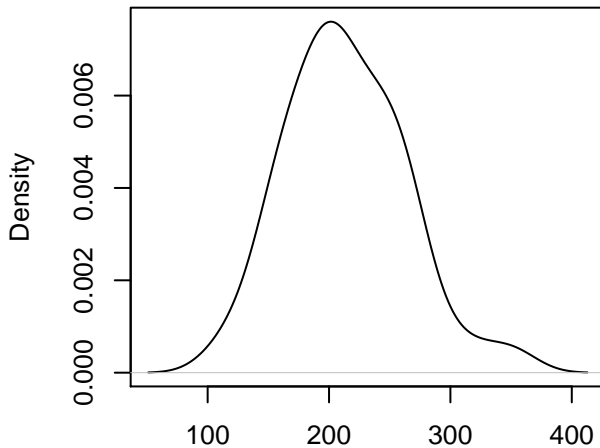
Insert size, N =43  
breakpoint: 13424290 – 13424333 bur-0 zu-0

**Bp = 1602 line = MAGIC.183 , Chr = 5**



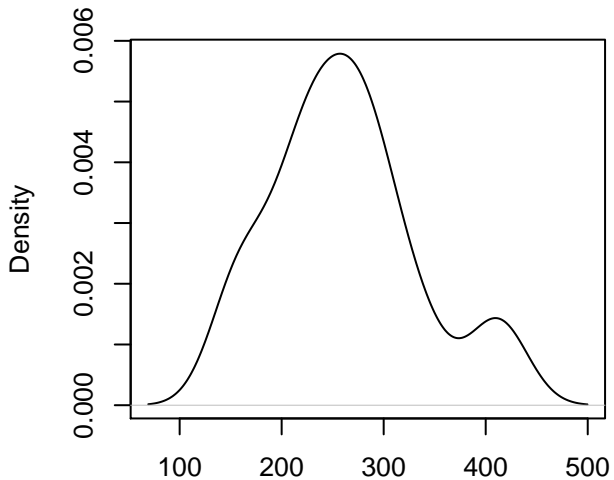
Insert size, N =64  
breakpoint: 13468258 – 13468266 zu-0 wu-0

**Bp = 1603 line = MAGIC.183 , Chr = 5**



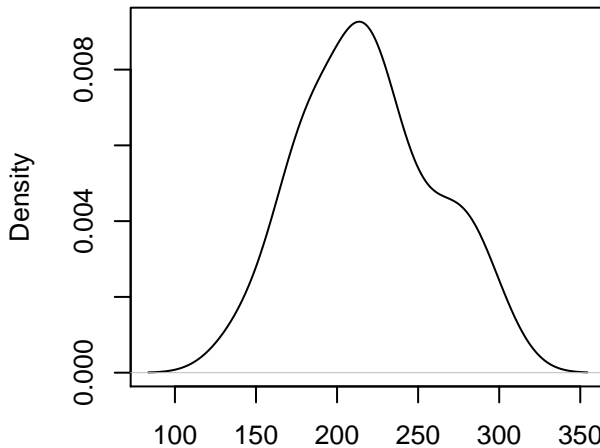
Insert size, N =39  
breakpoint: 13657496 – 13657576 wu-0 oy-0

**Bp = 1604 line = MAGIC.183 , Chr = 5**



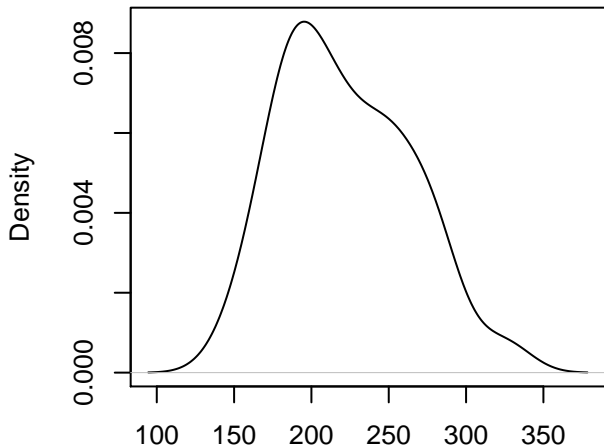
Insert size, N =20  
breakpoint: 13705752 – 13705757 oy-0 sf-2

**Bp = 1605 line = MAGIC.183 , Chr = 5**



Insert size, N =41  
breakpoint: 13843839 – 13844060 sf-2 edi-0

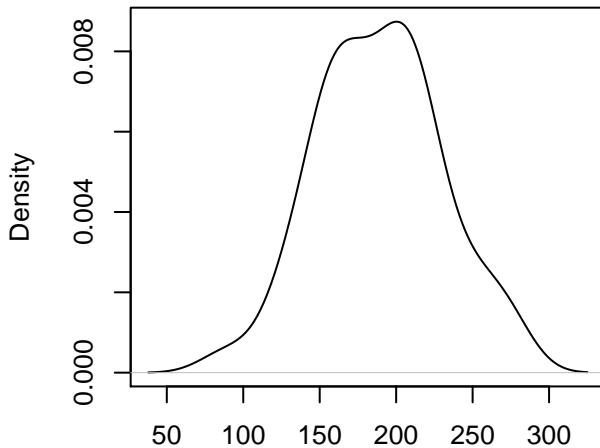
**Bp = 1606 line = MAGIC.183 , Chr = 5**



Insert size, N =64

breakpoint: 14021564 – 14021567 edi-0 can-0

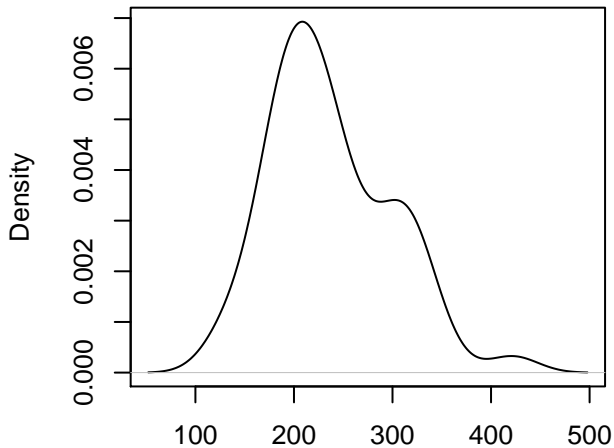
**Bp = 1607 line = MAGIC.183 , Chr = 5**



Insert size, N =46

breakpoint: 14028270 – 14028279 can-0 edi-0

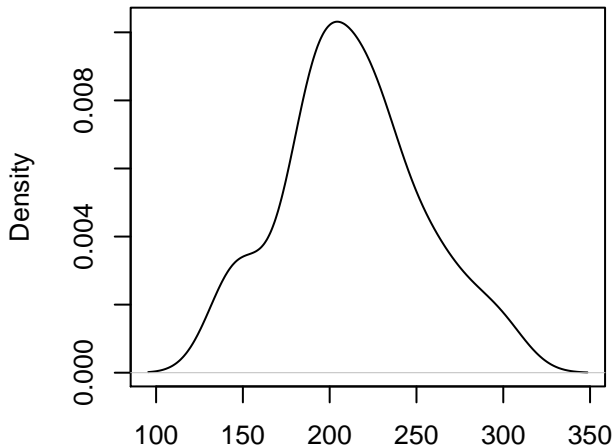
**Bp = 1608 line = MAGIC.183 , Chr = 5**



Insert size, N =49

breakpoint: 14302904 – 14302958 edi-0 ct-1

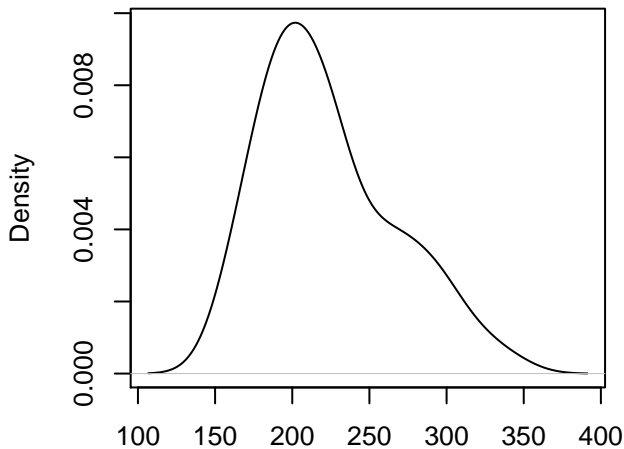
**Bp = 1609 line = MAGIC.183 , Chr = 5**



Insert size, N =40

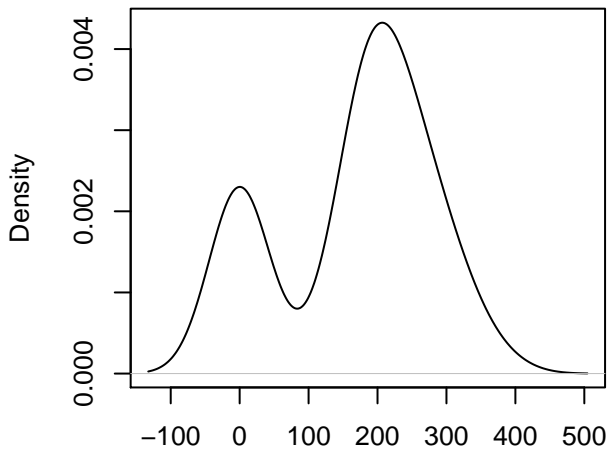
breakpoint: 14551623 – 14551635 ct-1 bur-0

**Bp = 1610 line = MAGIC.183 , Chr = 5**



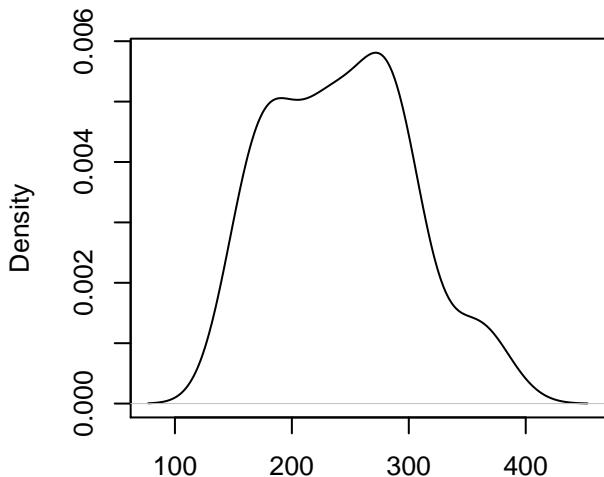
Insert size, N =69  
breakpoint: 14565194 – 14565398 bur-0 po-0

**Bp = 1611 line = MAGIC.183 , Chr = 5**



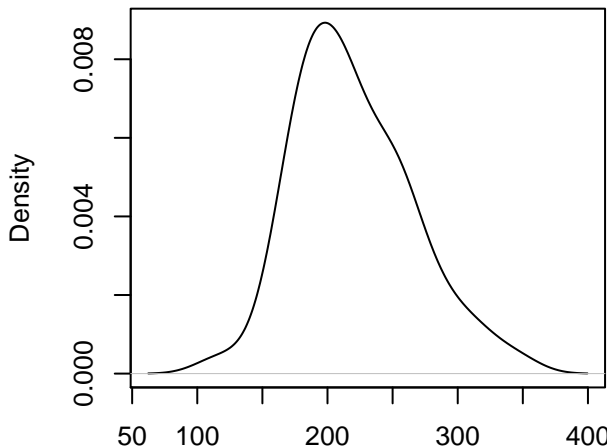
Insert size, N =55  
breakpoint: 14608671 – 14608672 po-0 mt-0

**Bp = 1612 line = MAGIC.183 , Chr = 5**



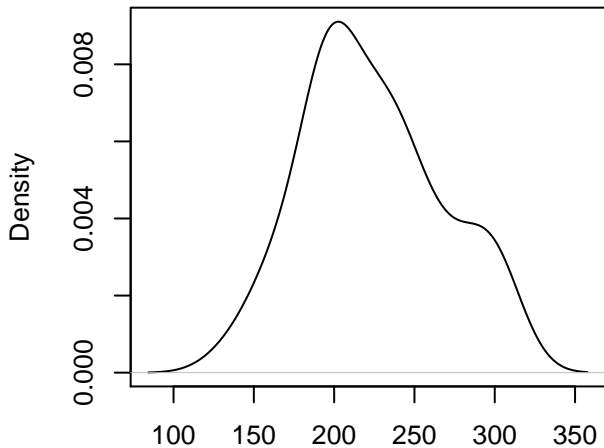
Insert size, N =84  
breakpoint: 14632977 – 14633067 mt-0 can-0

**Bp = 1613 line = MAGIC.183 , Chr = 5**



Insert size, N =55  
breakpoint: 14677583 – 14677592 can-0 tsu-0

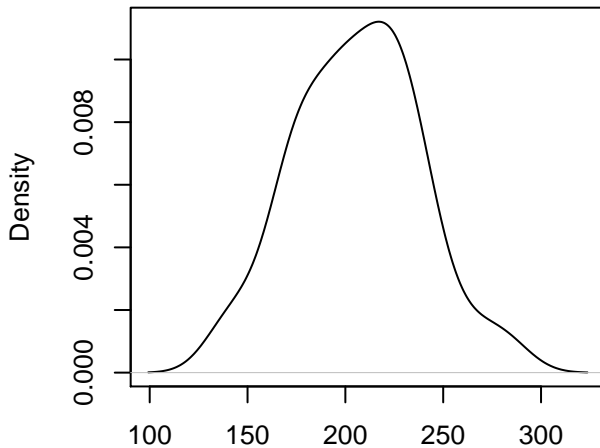
**Bp = 1614 line = MAGIC.183 , Chr = 5**



Insert size, N =45

breakpoint: 14694334 – 14694338 tsu-0 can-0

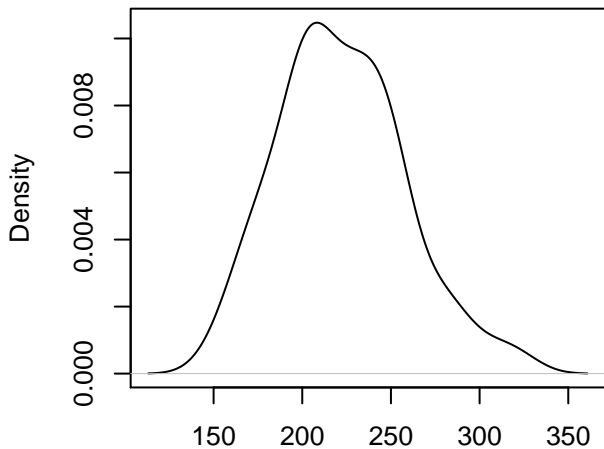
**Bp = 1615 line = MAGIC.183 , Chr = 5**



Insert size, N =57

breakpoint: 14714338 – 14714386 can-0 rsch-4

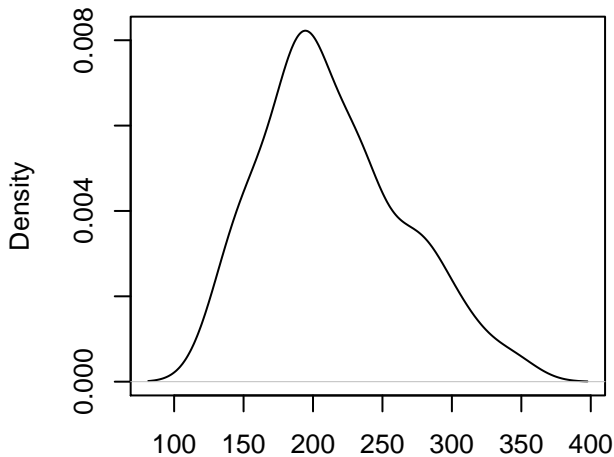
**Bp = 1616 line = MAGIC.183 , Chr = 5**



Insert size, N =61

breakpoint: 14723440 – 14723515 rsch-4 wu-0

**Bp = 1617 line = MAGIC.183 , Chr = 5**

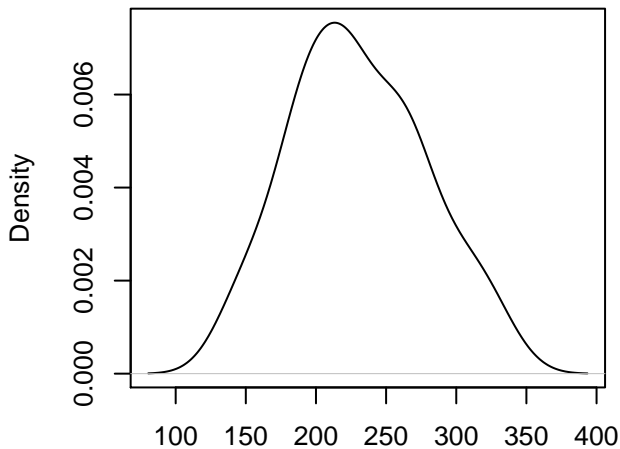


Insert size, N =41

breakpoint: 14765530 – 14765561 wu-0 oy-0

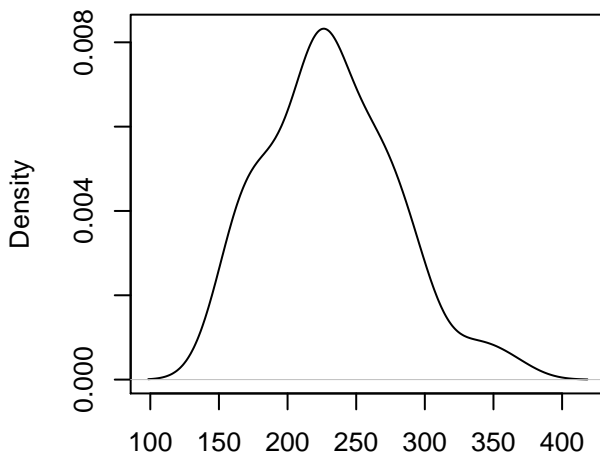


**Bp = 1618 line = MAGIC.183 , Chr = 5**



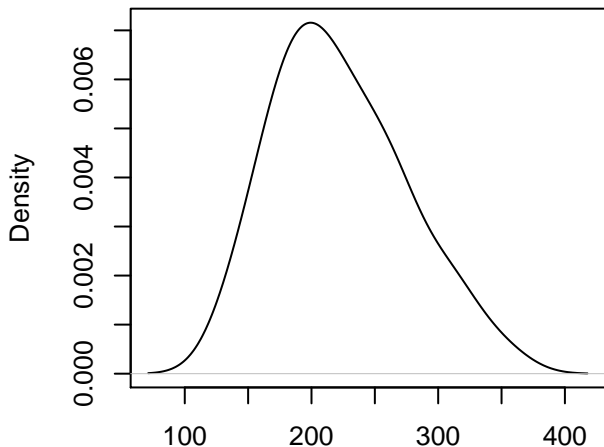
Insert size, N =53  
breakpoint: 14796260 – 14796266 oy-0 hi-0

**Bp = 1619 line = MAGIC.183 , Chr = 5**



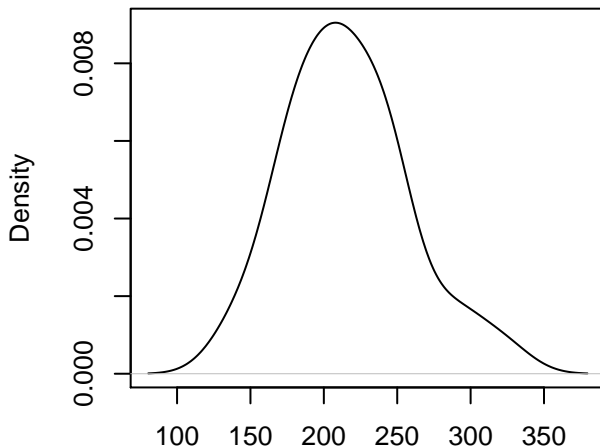
Insert size, N =62  
breakpoint: 14837329 – 14837333 hi-0 ws-0

**Bp = 1620 line = MAGIC.183 , Chr = 5**



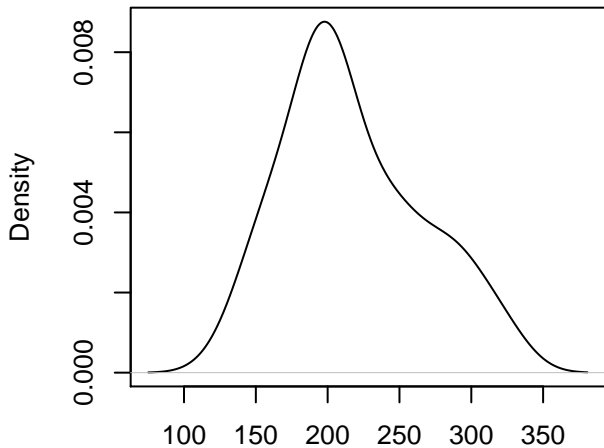
Insert size, N =41  
breakpoint: 14873198 – 14873207 ws-0 ct-1

**Bp = 1621 line = MAGIC.183 , Chr = 5**



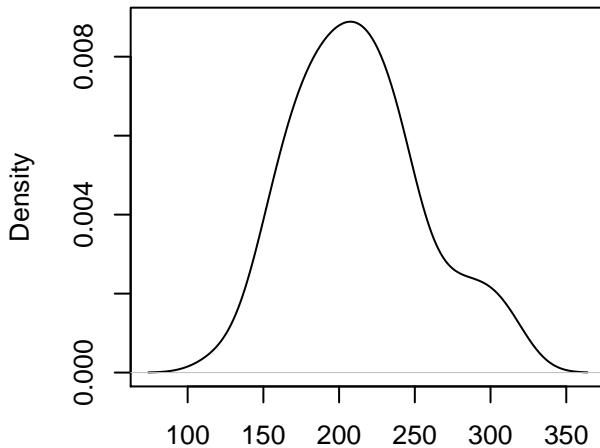
Insert size, N =29  
breakpoint: 14894500 – 14894535 ct-1 oy-0

**Bp = 1622 line = MAGIC.183 , Chr = 5**



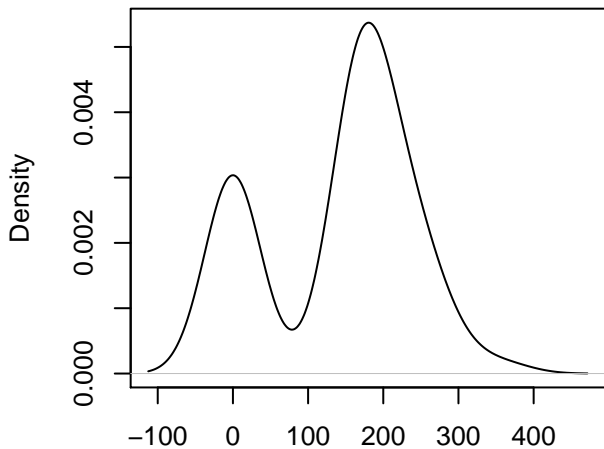
Insert size, N =44  
breakpoint: 14902427 – 14902456 oy-0 no-0

**Bp = 1623 line = MAGIC.183 , Chr = 5**



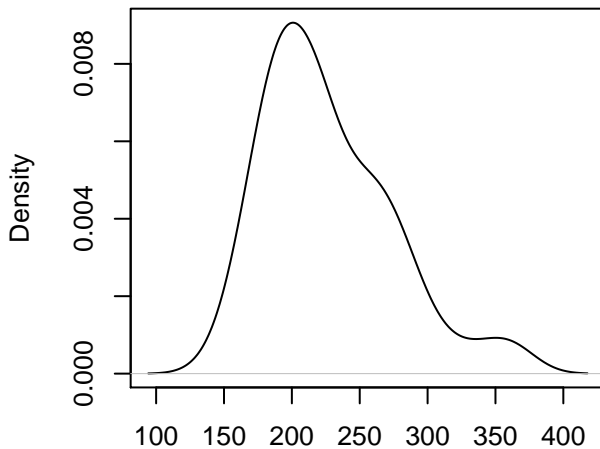
Insert size, N =70  
breakpoint: 14934021 – 14934026 no-0 ws-0

**Bp = 1624 line = MAGIC.183 , Chr = 5**



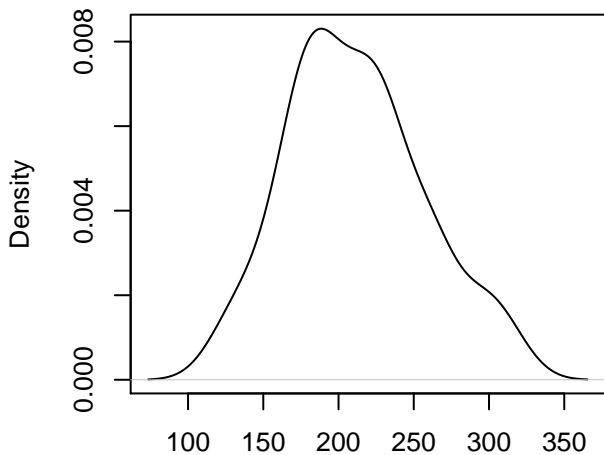
Insert size, N =70  
breakpoint: 14939857 – 14939872 ws-0 kn-0

**Bp = 1625 line = MAGIC.183 , Chr = 5**



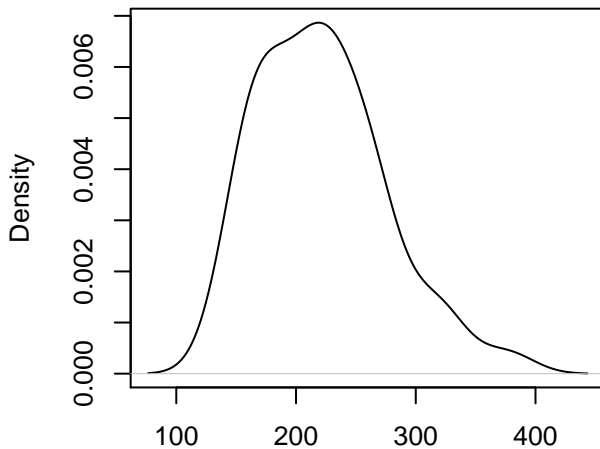
Insert size, N =58  
breakpoint: 15009096 – 15009105 kn-0 po-0

**Bp = 1626 line = MAGIC.183 , Chr = 5**



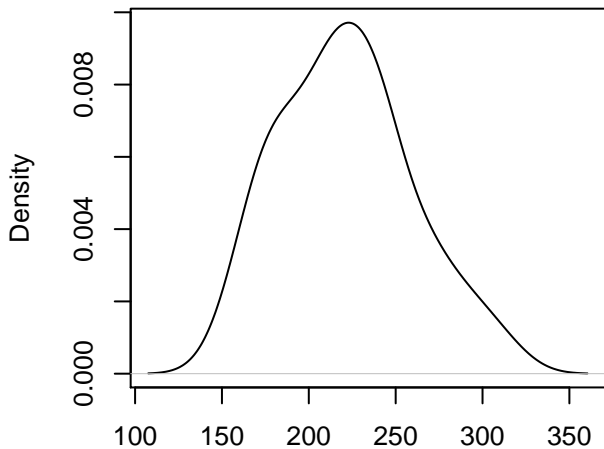
Insert size, N =35  
breakpoint: 15037351 – 15037423 po-0 no-0

**Bp = 1627 line = MAGIC.183 , Chr = 5**



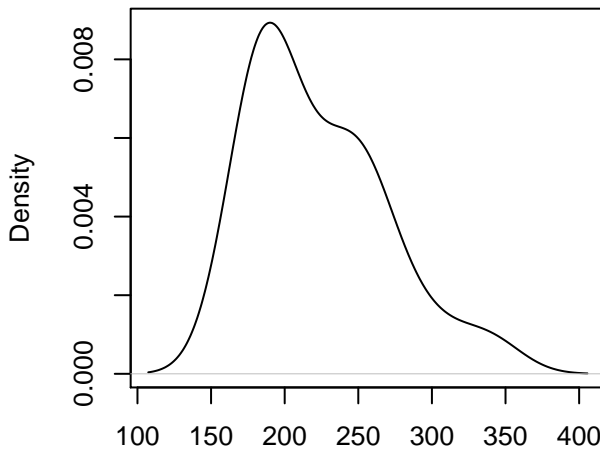
Insert size, N =43  
breakpoint: 15048873 – 15048879 no-0 ler-0

**Bp = 1628 line = MAGIC.183 , Chr = 5**



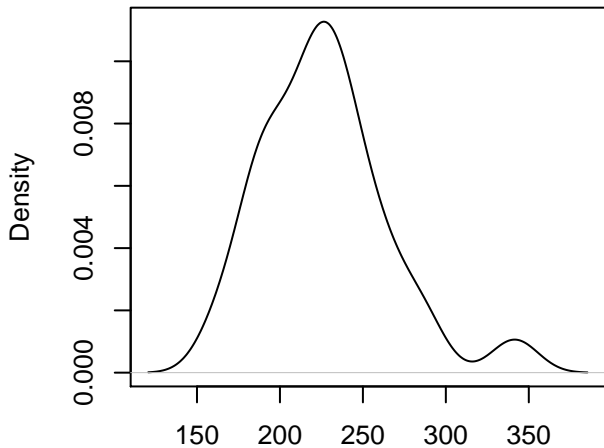
Insert size, N =42  
breakpoint: 15090649 – 15090671 ler-0 sf-2

**Bp = 1629 line = MAGIC.183 , Chr = 5**



Insert size, N =20  
breakpoint: 15138444 – 15138460 sf-2 kn-0

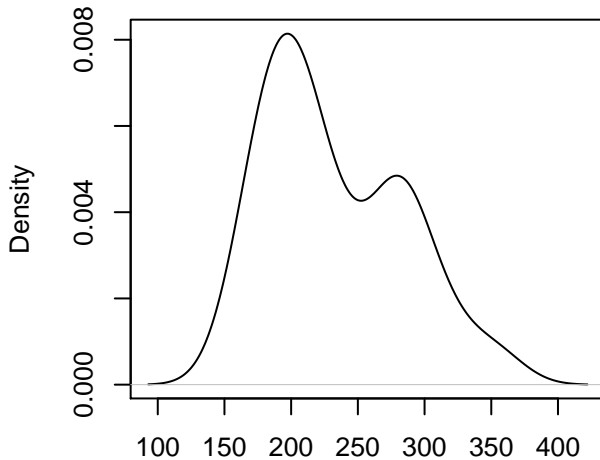
**Bp = 1630 line = MAGIC.183 , Chr = 5**



Insert size, N =54

breakpoint: 15188925 – 15188926 kn-0 rsch-4

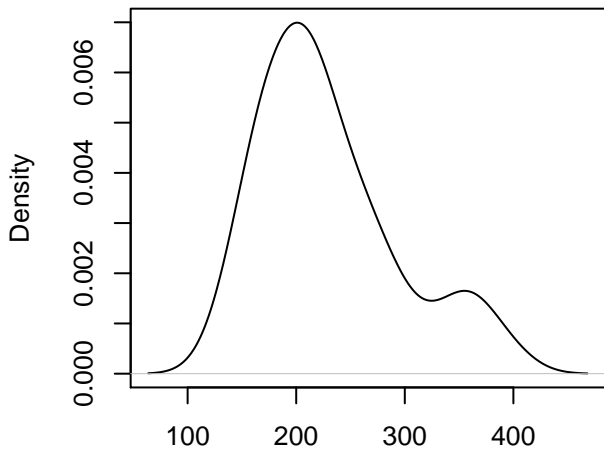
**Bp = 1631 line = MAGIC.183 , Chr = 5**



Insert size, N =45

breakpoint: 15219365 – 15219372 rsch-4 bur-0

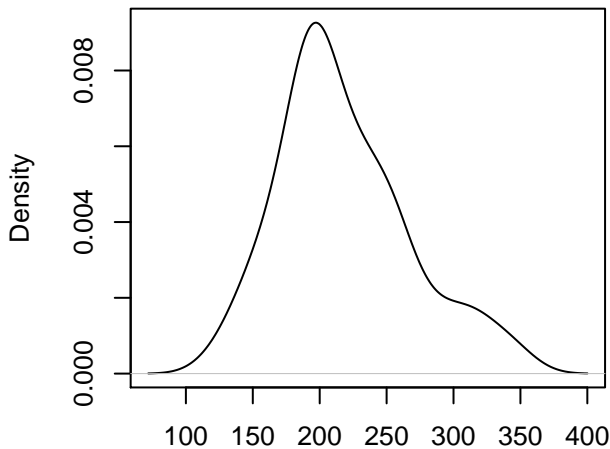
**Bp = 1632 line = MAGIC.183 , Chr = 5**



Insert size, N =36

breakpoint: 15246557 – 15246559 bur-0 oy-0

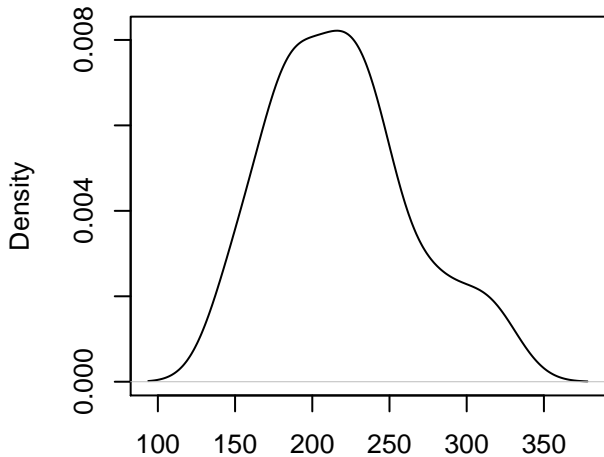
**Bp = 1633 line = MAGIC.183 , Chr = 5**



Insert size, N =61

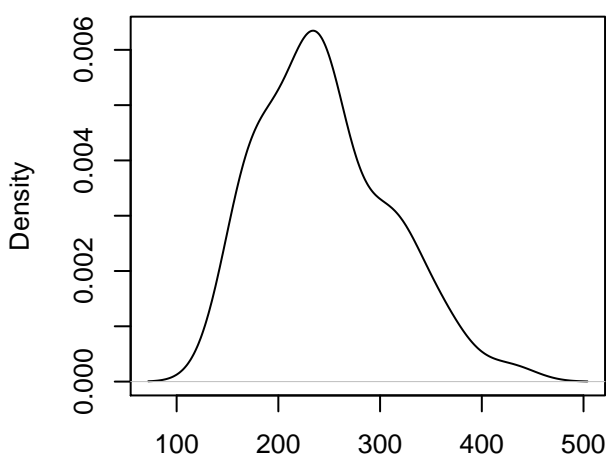
breakpoint: 15261376 – 15261494 oy-0 mt-0

**Bp = 1634 line = MAGIC.183 , Chr = 5**



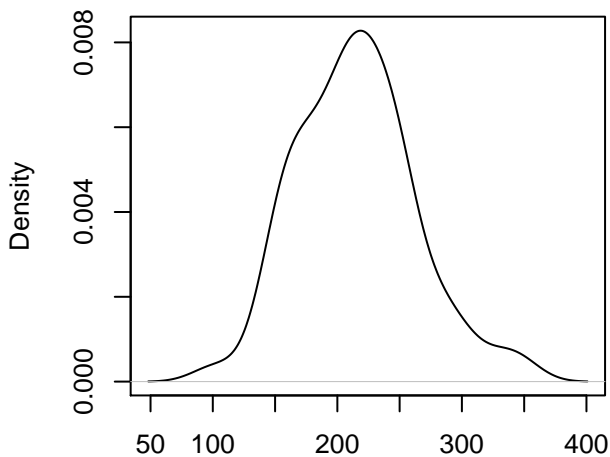
Insert size, N =39  
breakpoint: 15302639 – 15302641 mt-0 col-0

**Bp = 1635 line = MAGIC.183 , Chr = 5**



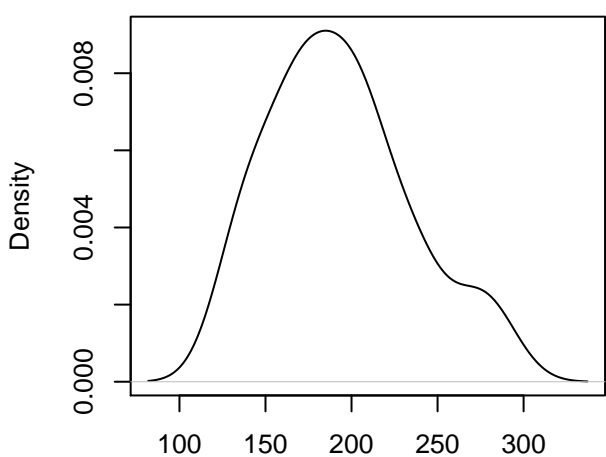
Insert size, N =57  
breakpoint: 15343815 – 15343816 col-0 wil-2

**Bp = 1636 line = MAGIC.183 , Chr = 5**



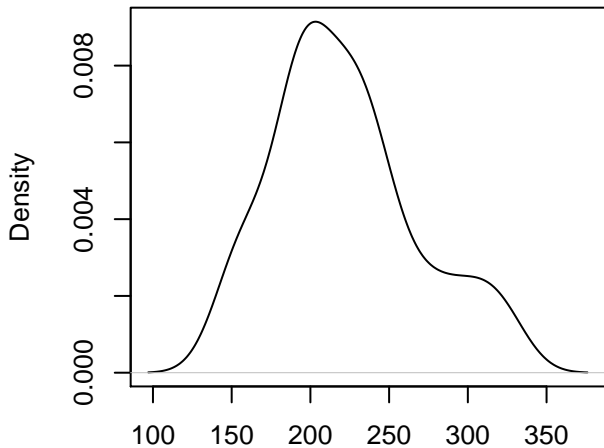
Insert size, N =62  
breakpoint: 15399010 – 15399206 wil-2 kn-0

**Bp = 1637 line = MAGIC.183 , Chr = 5**



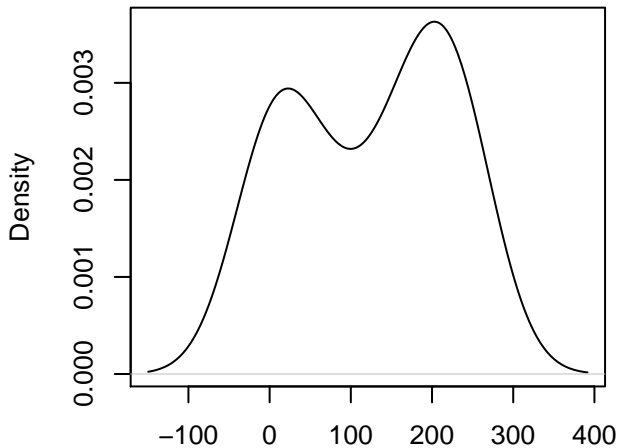
Insert size, N =42  
breakpoint: 15446667 – 15446672 kn-0 wil-2

**Bp = 1638 line = MAGIC.183 , Chr = 5**



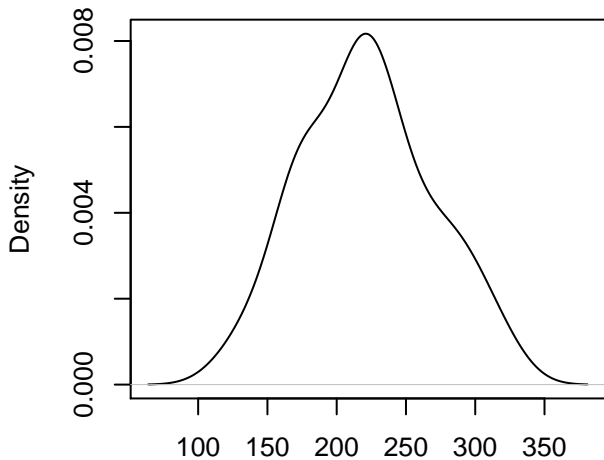
Insert size, N =45  
breakpoint: 15531340 – 15531520 wil-2 ler-0

**Bp = 1639 line = MAGIC.183 , Chr = 5**



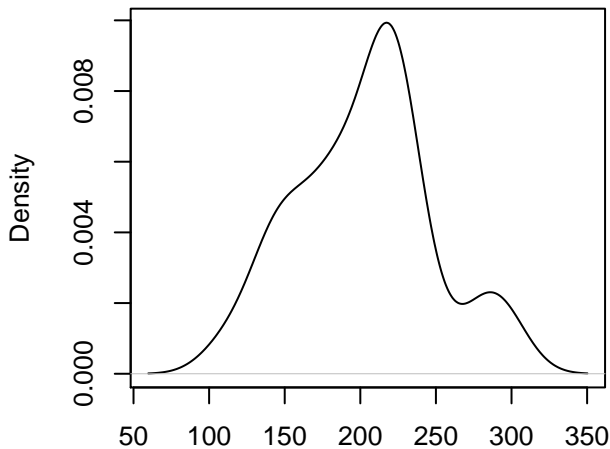
Insert size, N =16  
breakpoint: 15539704 – 15539712 ler-0 mt-0

**Bp = 1640 line = MAGIC.183 , Chr = 5**



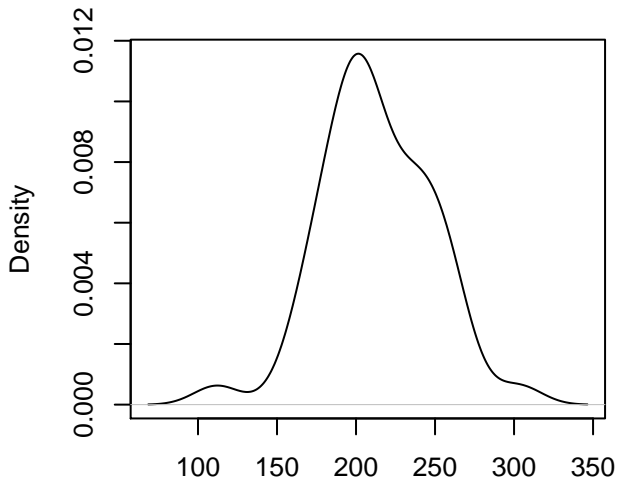
Insert size, N =61  
breakpoint: 15695076 – 15695086 mt-0 oy-0

**Bp = 1641 line = MAGIC.183 , Chr = 5**



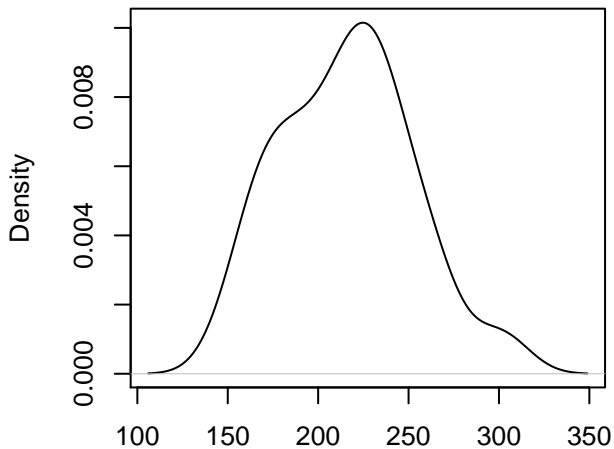
Insert size, N =28  
breakpoint: 15745790 – 15745854 oy-0 tsu-0

**Bp = 1642 line = MAGIC.183 , Chr = 5**



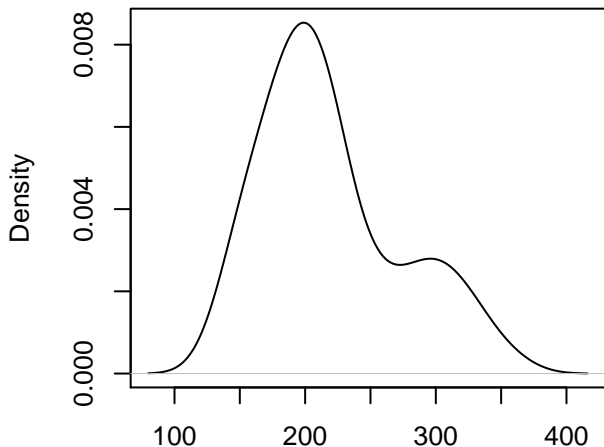
Insert size, N =44  
breakpoint: 15811427 – 15811438 tsu-0 sf-2

**Bp = 1643 line = MAGIC.183 , Chr = 5**



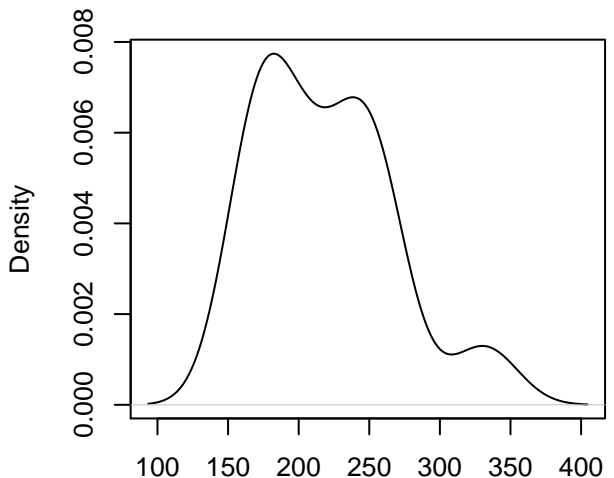
Insert size, N =45  
breakpoint: 15826461 – 15826506 sf-2 kn-0

**Bp = 1644 line = MAGIC.183 , Chr = 5**



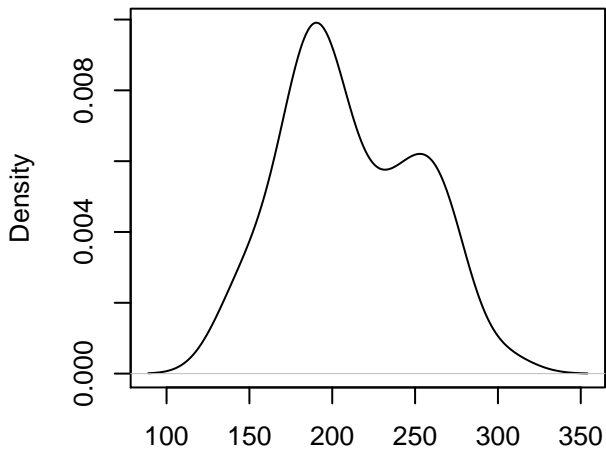
Insert size, N =73  
breakpoint: 15845678 – 15845727 kn-0 mt-0

**Bp = 1645 line = MAGIC.183 , Chr = 5**



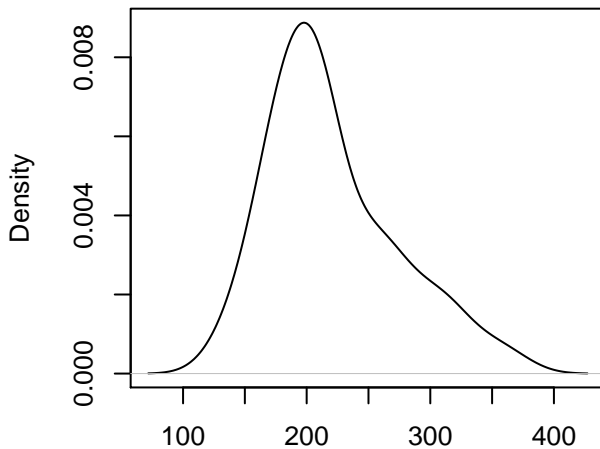
Insert size, N =27  
breakpoint: 15866133 – 15866161 mt-0 oy-0

**Bp = 1646 line = MAGIC.183 , Chr = 5**



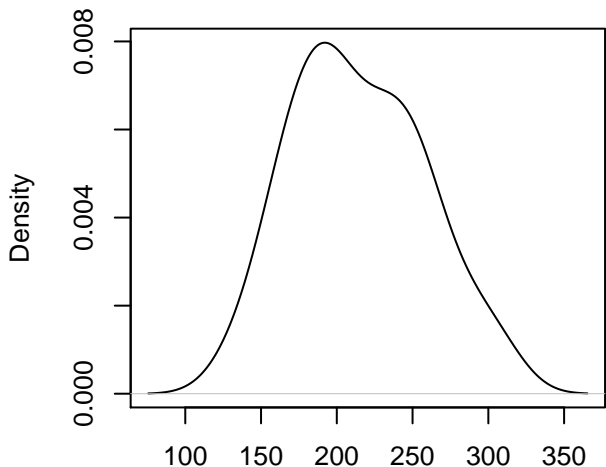
Insert size, N =54  
breakpoint: 15875011 – 15875090 oy-0 ler-0

**Bp = 1647 line = MAGIC.183 , Chr = 5**



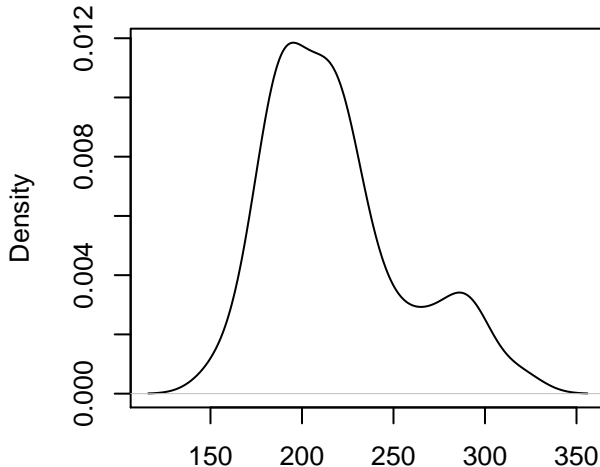
Insert size, N =56  
breakpoint: 15902860 – 15902992 ler-0 bur-0

**Bp = 1648 line = MAGIC.183 , Chr = 5**



Insert size, N =39  
breakpoint: 15961964 – 15961972 bur-0 zu-0

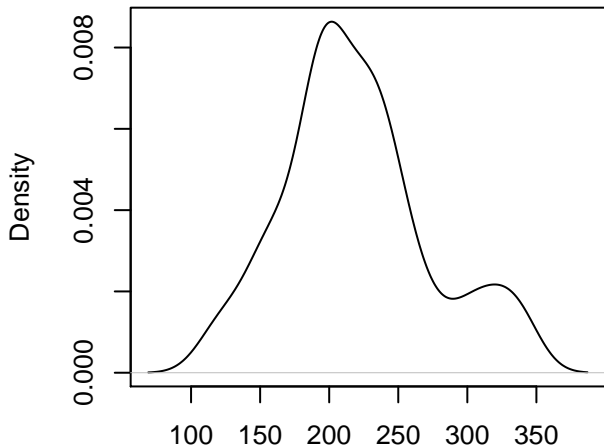
**Bp = 1649 line = MAGIC.183 , Chr = 5**



Insert size, N =49  
breakpoint: 15997854 – 15997933 zu-0 tsu-0

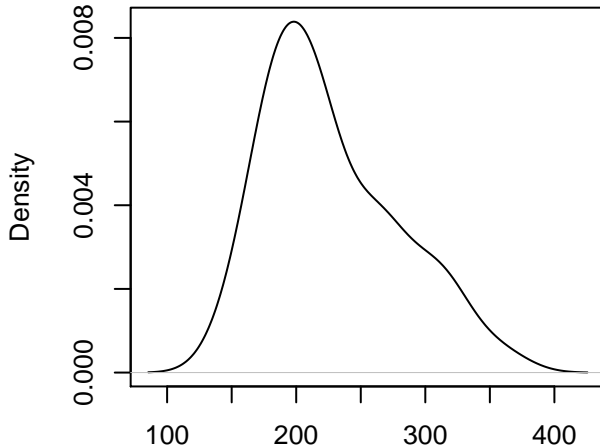


**Bp = 1650 line = MAGIC.183 , Chr = 5**



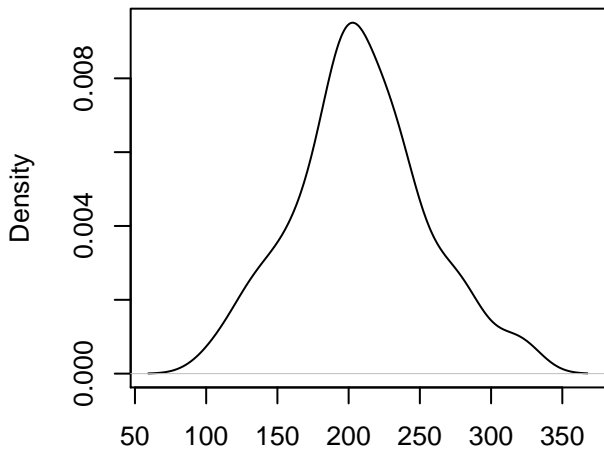
Insert size, N =45  
breakpoint: 16053474 – 16053475 tsu-0 bur-0

**Bp = 1651 line = MAGIC.183 , Chr = 5**



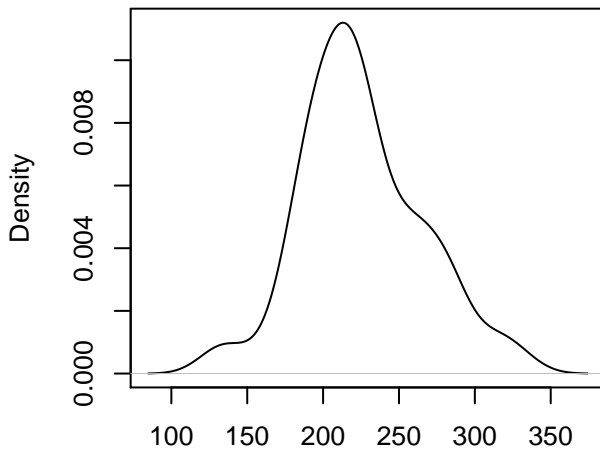
Insert size, N =60  
breakpoint: 16079172 – 16079272 bur-0 no-0

**Bp = 1652 line = MAGIC.183 , Chr = 5**



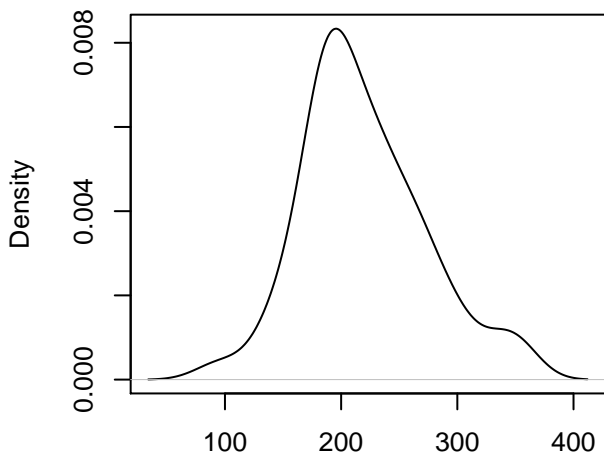
Insert size, N =57  
breakpoint: 16093309 – 16093330 no-0 zu-0

**Bp = 1653 line = MAGIC.183 , Chr = 5**



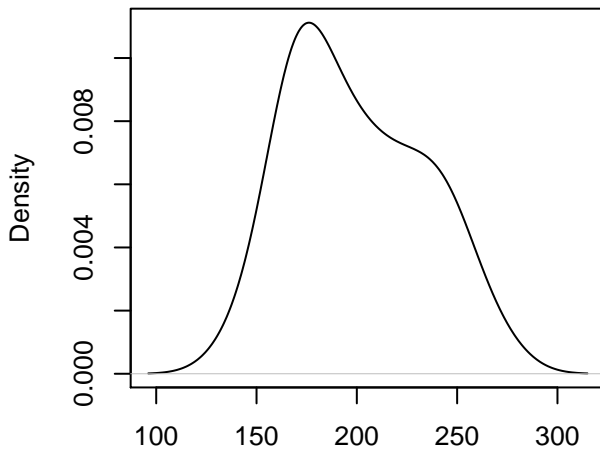
Insert size, N =94  
breakpoint: 16123655 – 16123660 zu-0 can-0

**Bp = 1654 line = MAGIC.183 , Chr = 5**



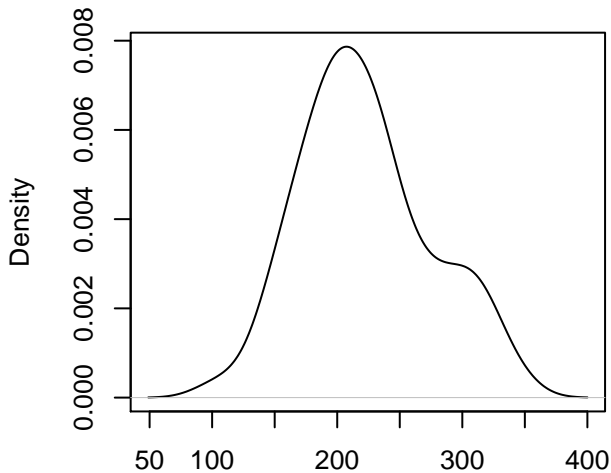
Insert size, N =51  
breakpoint: 16147513 – 16147524 can-0 ws-0

**Bp = 1655 line = MAGIC.183 , Chr = 5**



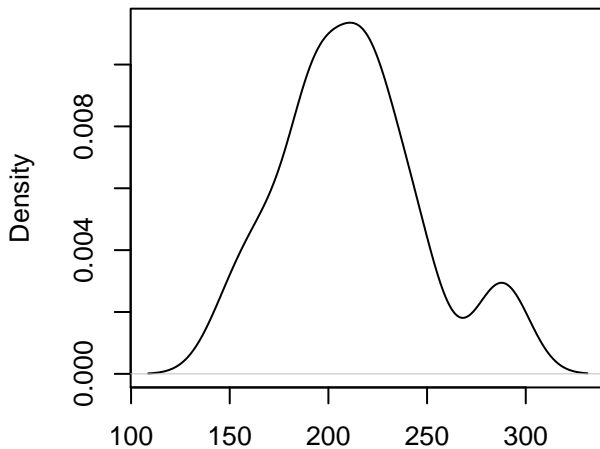
Insert size, N =29  
breakpoint: 16160089 – 16160117 ws-0 oy-0

**Bp = 1656 line = MAGIC.183 , Chr = 5**



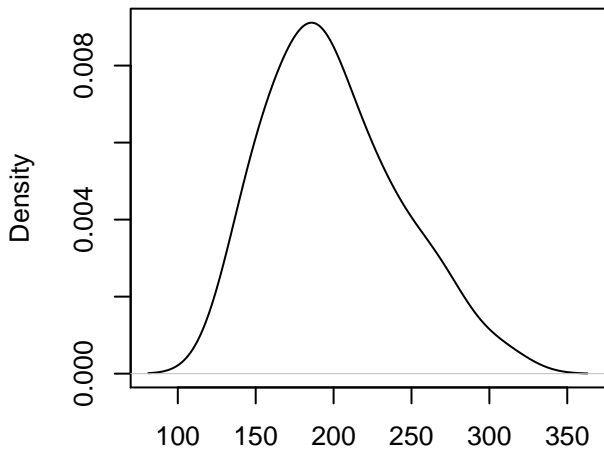
Insert size, N =60  
breakpoint: 16228550 – 16228551 oy-0 po-0

**Bp = 1657 line = MAGIC.183 , Chr = 5**



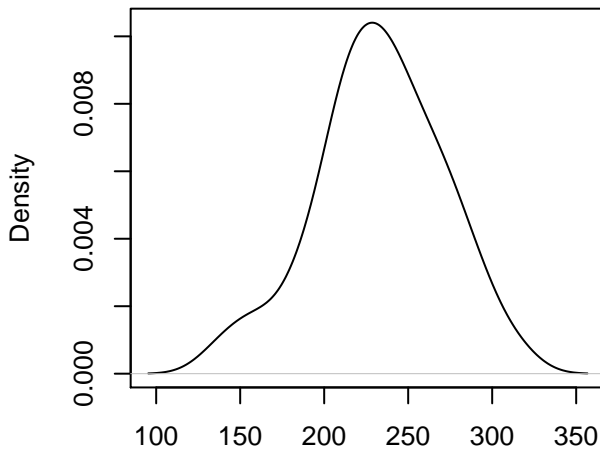
Insert size, N =30  
breakpoint: 16270270 – 16270292 po-0 bur-0

**Bp = 1658 line = MAGIC.183 , Chr = 5**



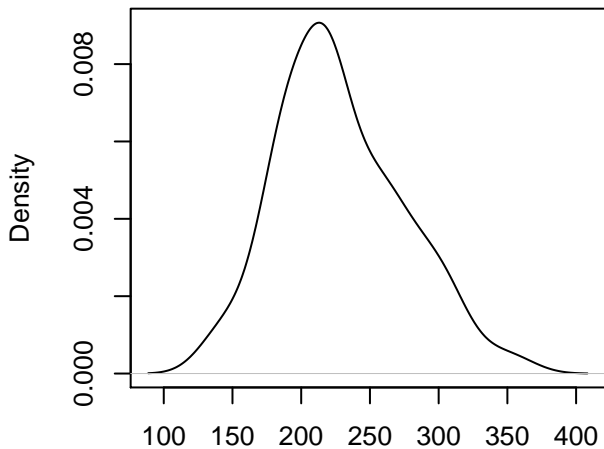
Insert size, N =42  
breakpoint: 16297237 – 16297265 bur-0 sf-2

**Bp = 1659 line = MAGIC.183 , Chr = 5**



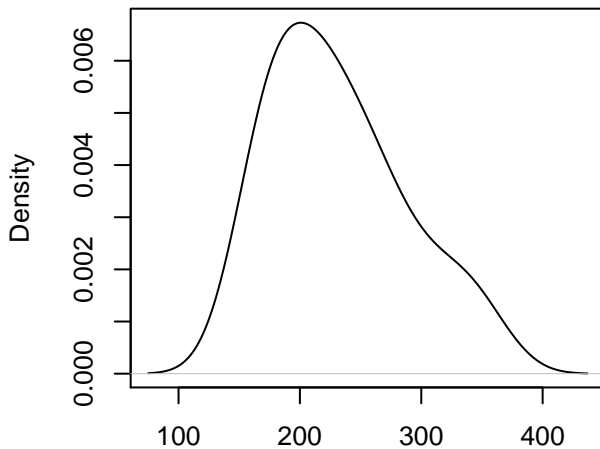
Insert size, N =43  
breakpoint: 16311010 – 16311011 sf-2 wu-0

**Bp = 1660 line = MAGIC.183 , Chr = 5**



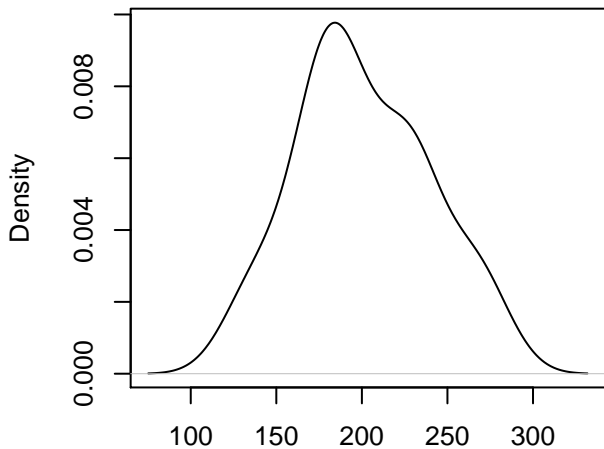
Insert size, N =83  
breakpoint: 16335502 – 16335602 wu-0 edi-0

**Bp = 1661 line = MAGIC.183 , Chr = 5**



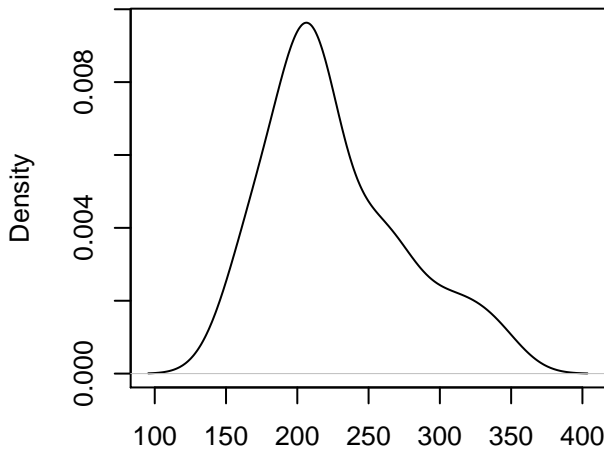
Insert size, N =40  
breakpoint: 16413813 – 16413880 edi-0 oy-0

**Bp = 1662 line = MAGIC.183 , Chr = 5**



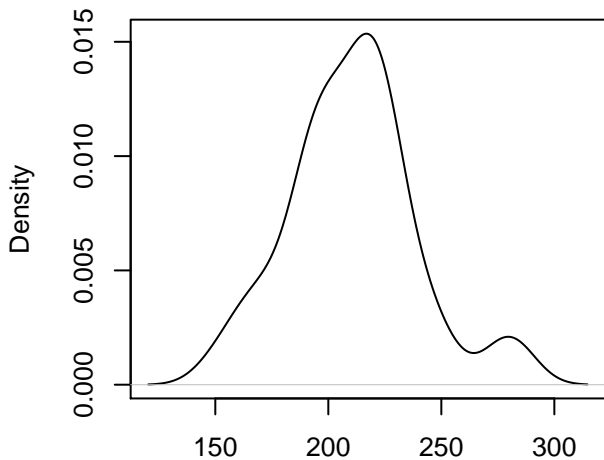
Insert size, N =38  
breakpoint: 16464829 – 16464830 oy-0 edi-0

**Bp = 1663 line = MAGIC.183 , Chr = 5**



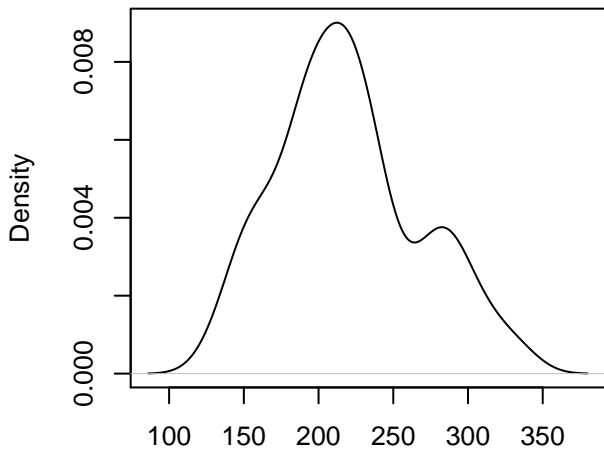
Insert size, N =53  
breakpoint: 16495679 – 16495705 edi-0 bur-0

**Bp = 1664 line = MAGIC.183 , Chr = 5**



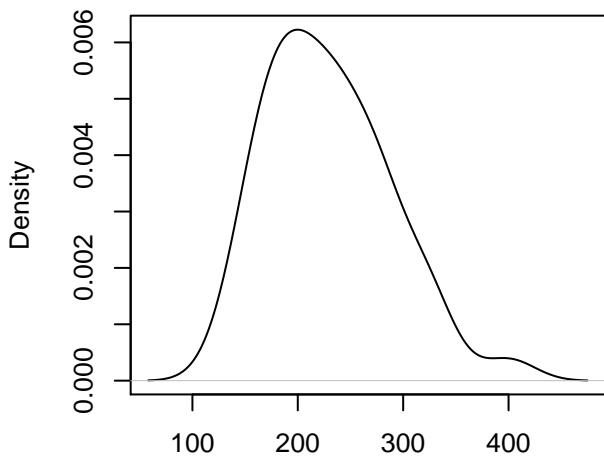
Insert size, N =35  
breakpoint: 16696572 – 16696573 bur-0 oy-0

**Bp = 1665 line = MAGIC.183 , Chr = 5**



Insert size, N =68  
breakpoint: 16739408 – 16739501 oy-0 no-0

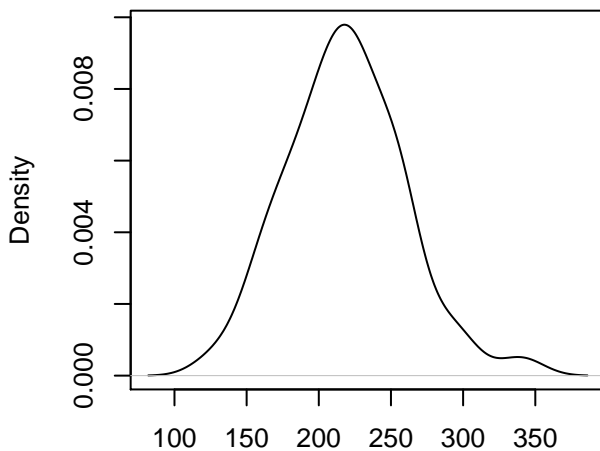
**Bp = 1666 line = MAGIC.183 , Chr = 5**



Insert size, N =42

breakpoint: 16766375 – 16766381 no-0 col-0

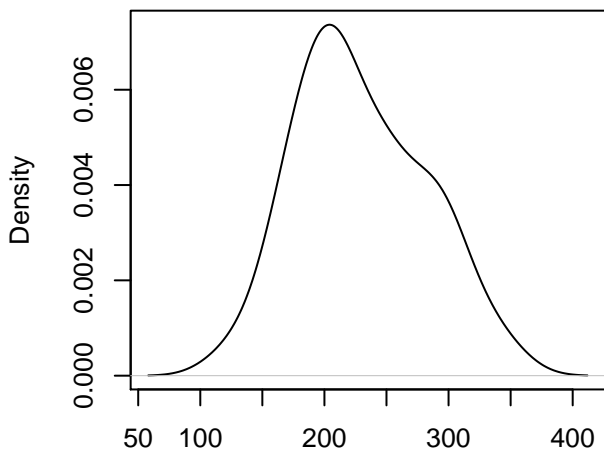
**Bp = 1667 line = MAGIC.183 , Chr = 5**



Insert size, N =52

breakpoint: 16782911 – 16782914 col-0 oy-0

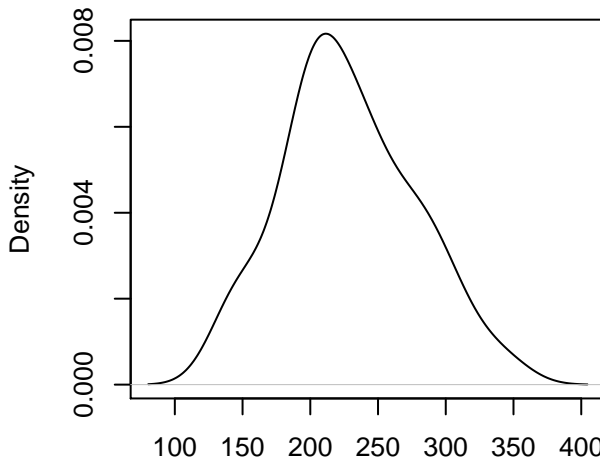
**Bp = 1668 line = MAGIC.183 , Chr = 5**



Insert size, N =38

breakpoint: 16850642 – 16850643 oy-0 col-0

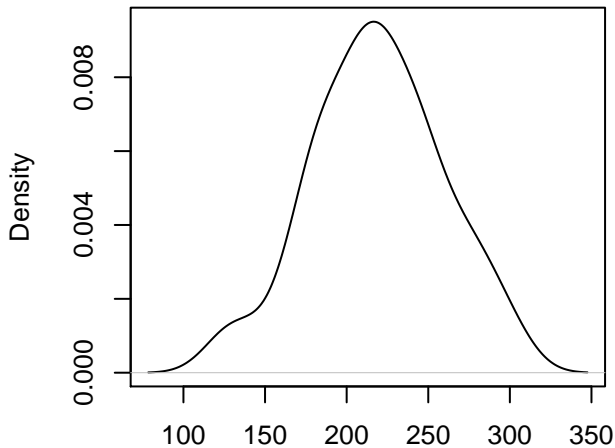
**Bp = 1669 line = MAGIC.183 , Chr = 5**



Insert size, N =54

breakpoint: 16889874 – 16889887 col-0 hi-0

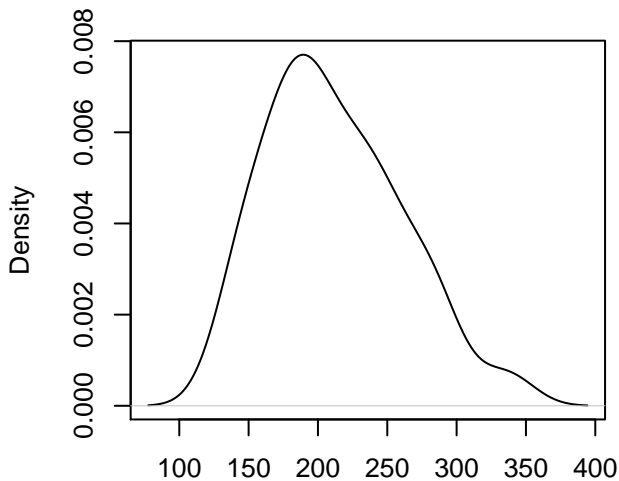
**Bp = 1670 line = MAGIC.183 , Chr = 5**



Insert size, N =61

breakpoint: 16896399 – 16896403 hi-0 oy-0

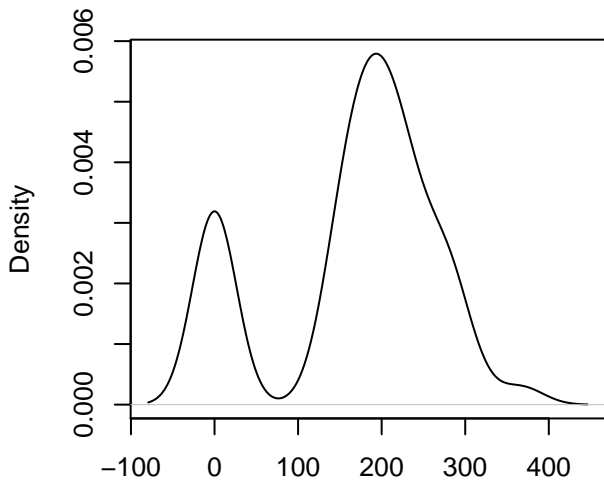
**Bp = 1671 line = MAGIC.183 , Chr = 5**



Insert size, N =59

breakpoint: 16940534 – 16940680 oy-0 rsch-4

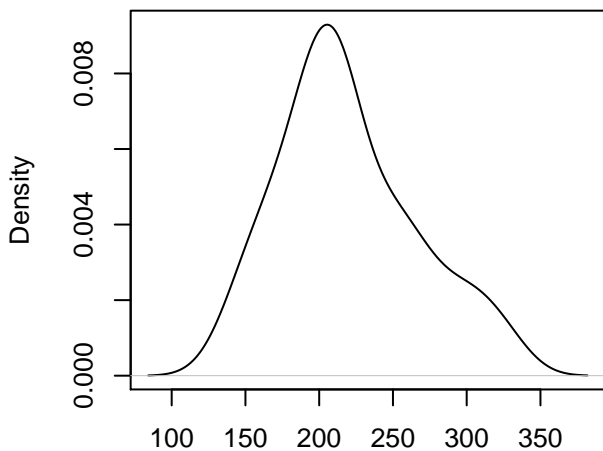
**Bp = 1672 line = MAGIC.183 , Chr = 5**



Insert size, N =52

breakpoint: 17052231 – 17052247 rsch-4 ler-0

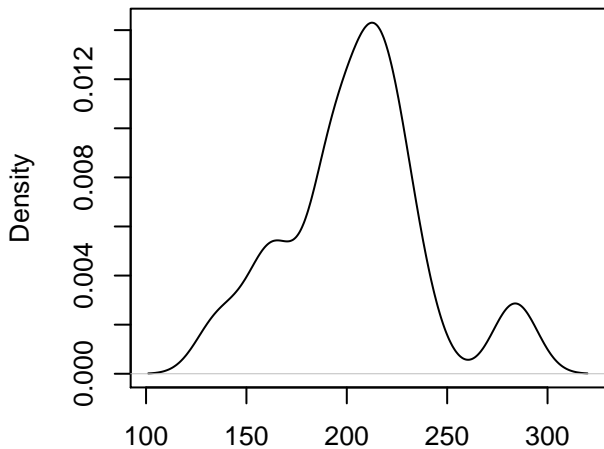
**Bp = 1673 line = MAGIC.183 , Chr = 5**



Insert size, N =58

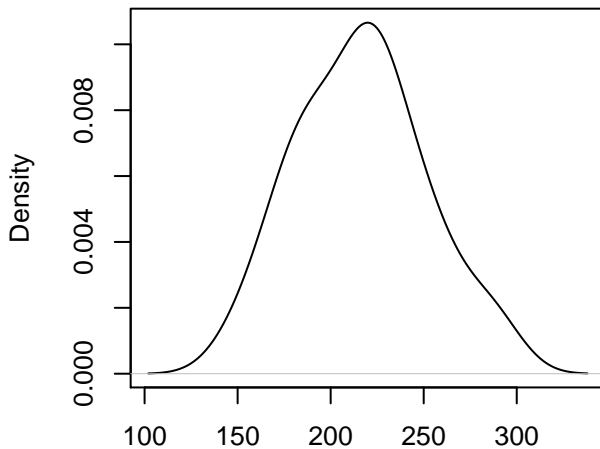
breakpoint: 17072433 – 17072450 ler-0 mt-0

**Bp = 1674 line = MAGIC.183 , Chr = 5**



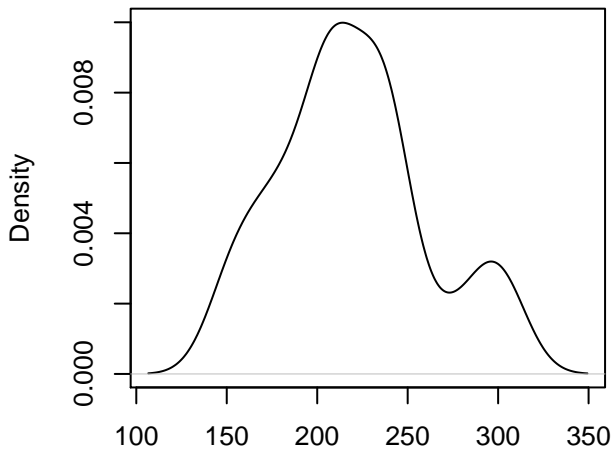
Insert size, N =38  
breakpoint: 17098739 – 17098823 mt-0 kn-0

**Bp = 1675 line = MAGIC.183 , Chr = 5**



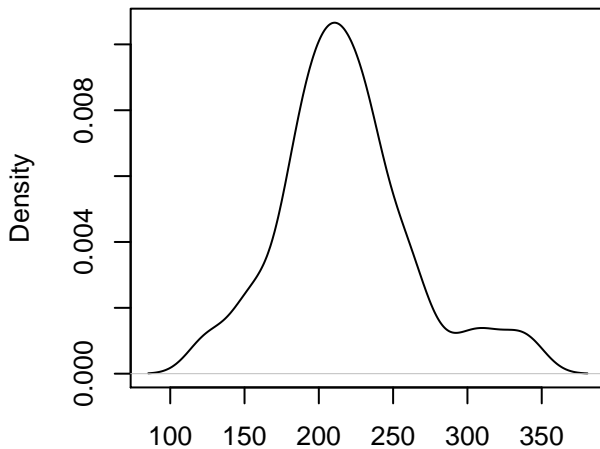
Insert size, N =39  
breakpoint: 17112075 – 17112115 kn-0 no-0

**Bp = 1676 line = MAGIC.183 , Chr = 5**



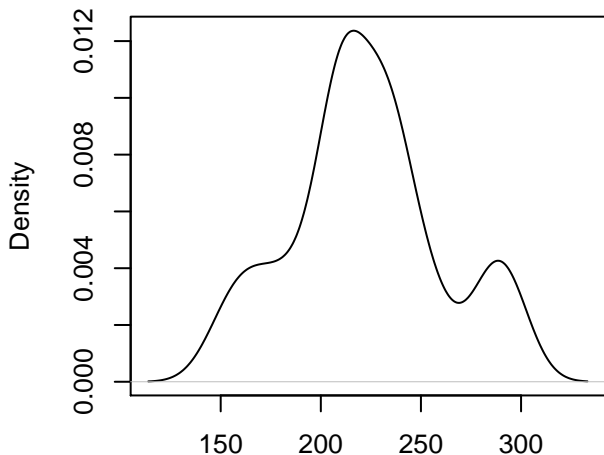
Insert size, N =25  
breakpoint: 17130270 – 17130295 no-0 tsu-0

**Bp = 1677 line = MAGIC.183 , Chr = 5**



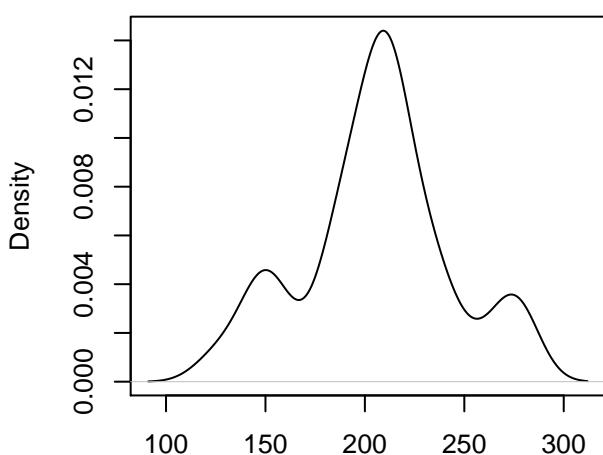
Insert size, N =58  
breakpoint: 17150282 – 17150359 tsu-0 edi-0

**Bp = 1678 line = MAGIC.183 , Chr = 5**



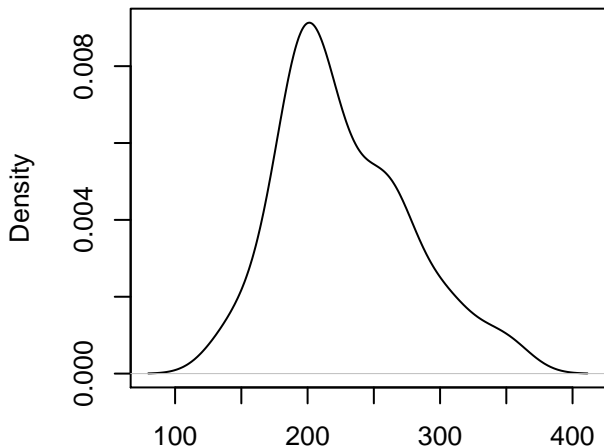
Insert size, N =36  
breakpoint: 17166421 – 17166426 edi-0 bur-0

**Bp = 1679 line = MAGIC.183 , Chr = 5**



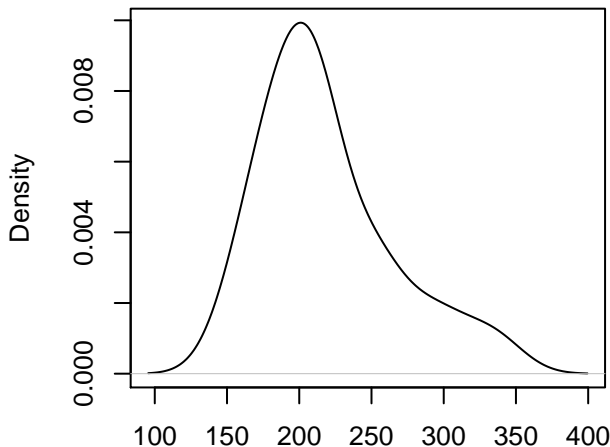
Insert size, N =36  
breakpoint: 17242636 – 17242646 bur-0 col-0

**Bp = 1680 line = MAGIC.183 , Chr = 5**



Insert size, N =71  
breakpoint: 17257212 – 17257224 col-0 oy-0

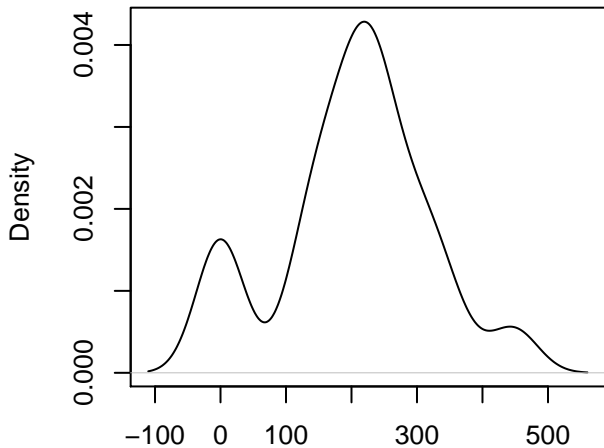
**Bp = 1681 line = MAGIC.183 , Chr = 5**



Insert size, N =36  
breakpoint: 17283762 – 17283775 oy-0 tsu-0

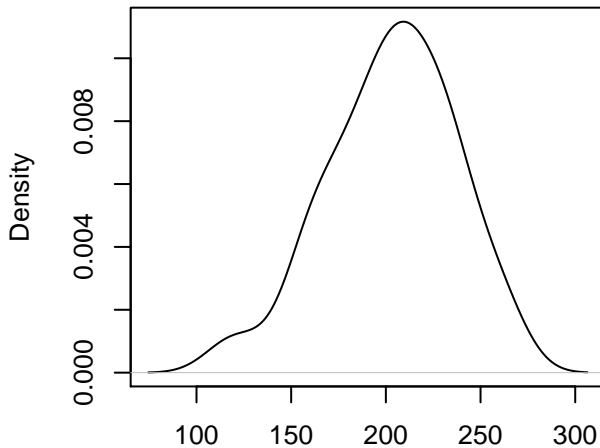


**Bp = 1682 line = MAGIC.183 , Chr = 5**



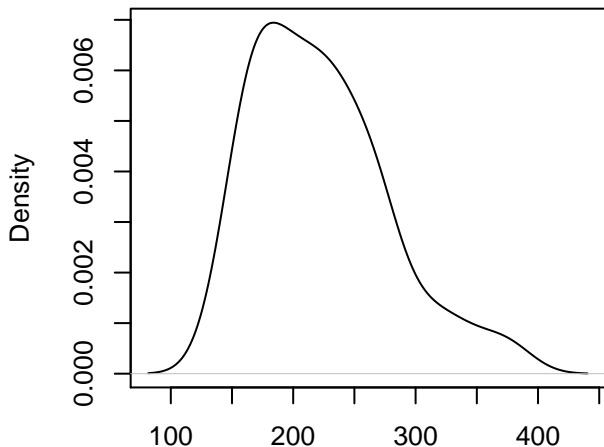
Insert size, N =40  
breakpoint: 17288915 – 17288932 tsu-0 wu-0

**Bp = 1683 line = MAGIC.183 , Chr = 5**



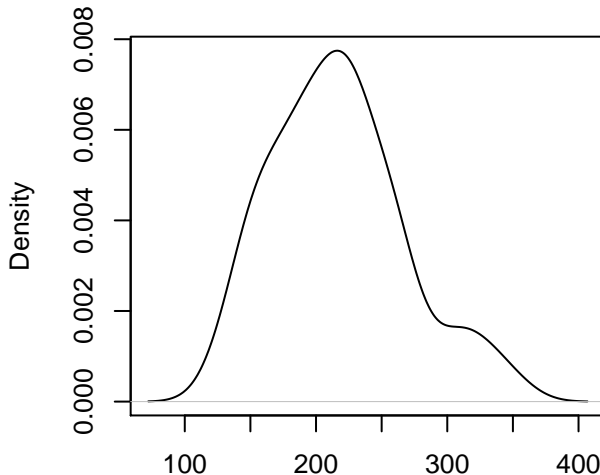
Insert size, N =51  
breakpoint: 17291511 – 17291519 wu-0 zu-0

**Bp = 1684 line = MAGIC.183 , Chr = 5**



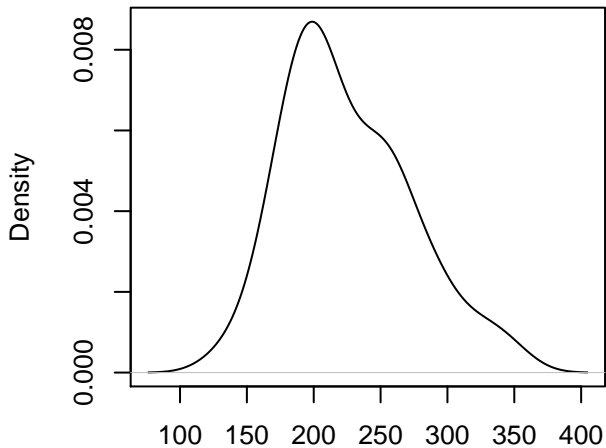
Insert size, N =65  
breakpoint: 17306272 – 17306333 zu-0 rsch-4

**Bp = 1685 line = MAGIC.183 , Chr = 5**



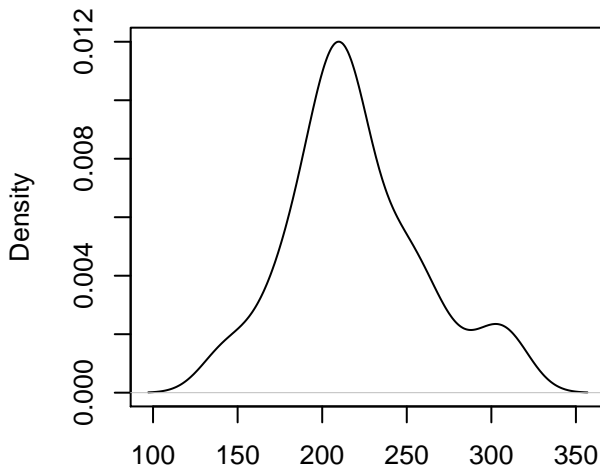
Insert size, N =71  
breakpoint: 17390419 – 17390466 rsch-4 ct-1

**Bp = 1686 line = MAGIC.183 , Chr = 5**



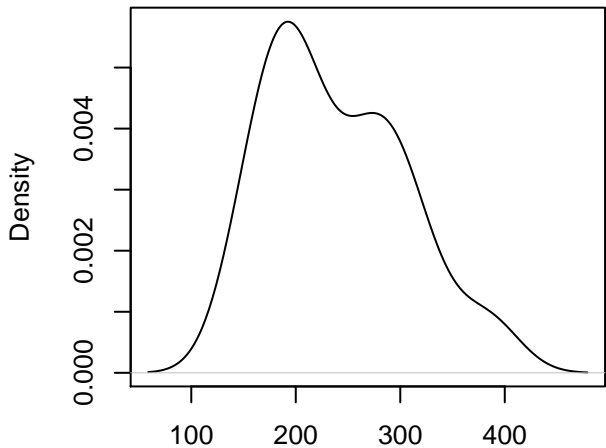
Insert size, N =63  
breakpoint: 17424807 – 17424842 ct-1 wil-2

**Bp = 1687 line = MAGIC.183 , Chr = 5**



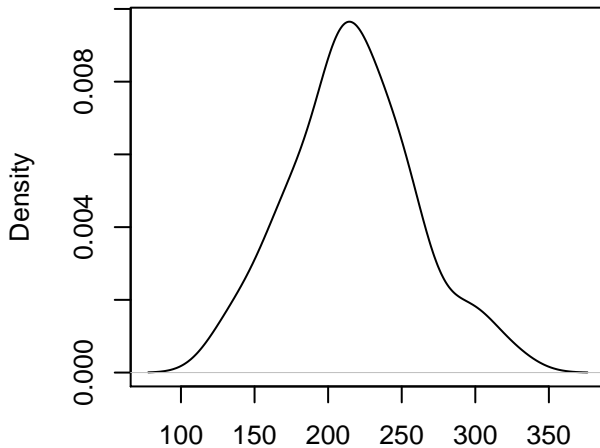
Insert size, N =65  
breakpoint: 17435619 – 17435621 wil-2 sf-2

**Bp = 1688 line = MAGIC.183 , Chr = 5**



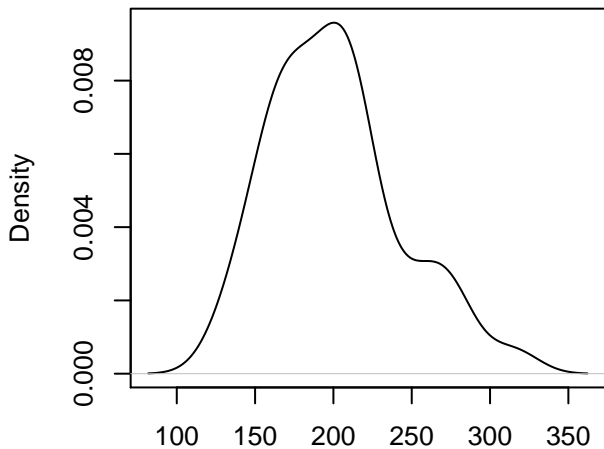
Insert size, N =30  
breakpoint: 17447518 – 17447520 sf-2 wu-0

**Bp = 1689 line = MAGIC.183 , Chr = 5**



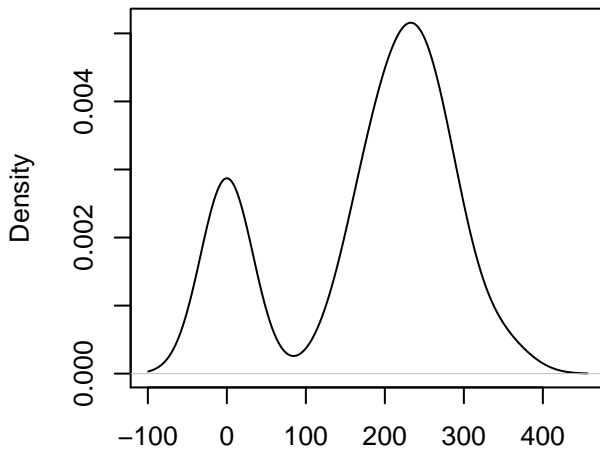
Insert size, N =70  
breakpoint: 17454123 – 17454126 wu-0 zu-0

**Bp = 1690 line = MAGIC.183 , Chr = 5**



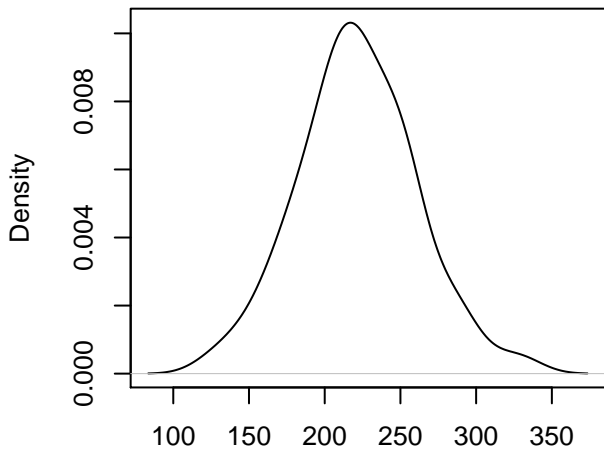
Insert size, N =40  
breakpoint: 17512621 – 17512637 zu-0 tsu-0

**Bp = 1691 line = MAGIC.183 , Chr = 5**



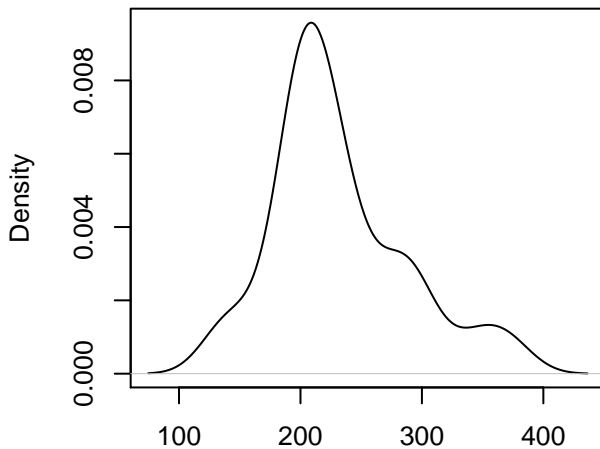
Insert size, N =67  
breakpoint: 17530450 – 17530471 tsu-0 kn-0

**Bp = 1692 line = MAGIC.183 , Chr = 5**



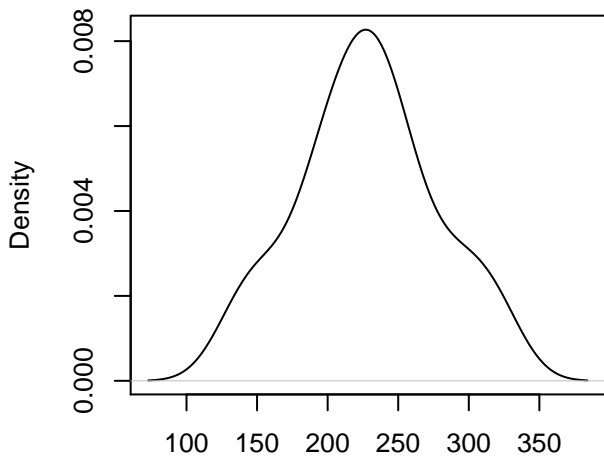
Insert size, N =50  
breakpoint: 17580408 – 17580435 kn-0 ct-1

**Bp = 1693 line = MAGIC.183 , Chr = 5**



Insert size, N =35  
breakpoint: 17585349 – 17585375 ct-1 rsch-4

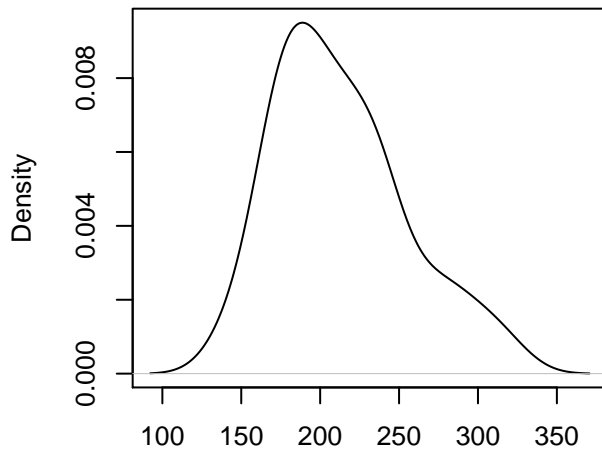
**Bp = 1694 line = MAGIC.183 , Chr = 5**



Insert size, N =38

breakpoint: 17594785 – 17594791 rsch-4 oy-0

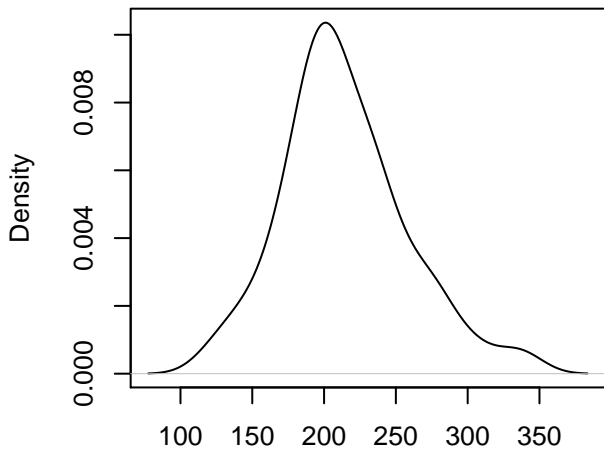
**Bp = 1695 line = MAGIC.183 , Chr = 5**



Insert size, N =50

breakpoint: 17626549 – 17626567 oy-0 wu-0

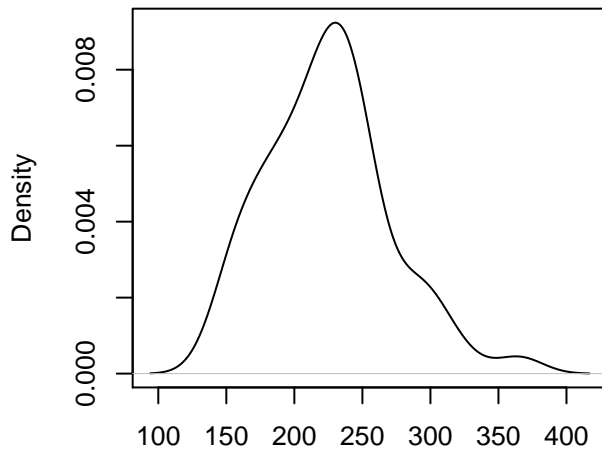
**Bp = 1696 line = MAGIC.183 , Chr = 5**



Insert size, N =39

breakpoint: 17651434 – 17651436 wu-0 sf-2

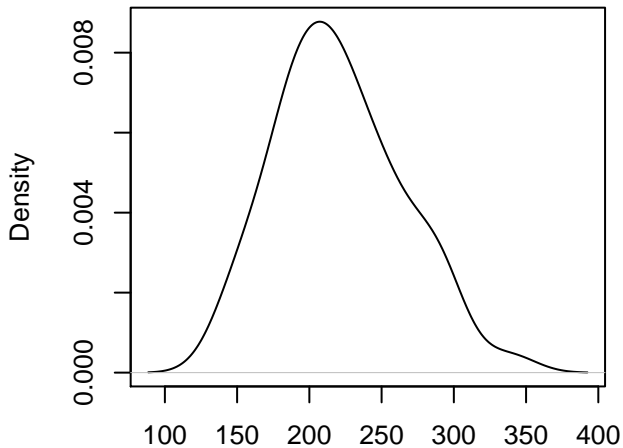
**Bp = 1697 line = MAGIC.183 , Chr = 5**



Insert size, N =53

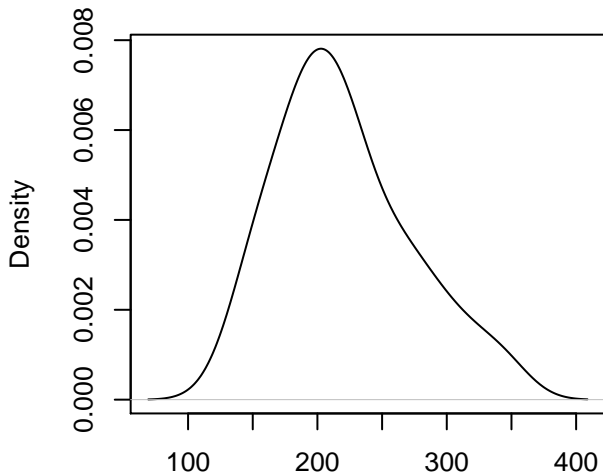
breakpoint: 17921148 – 17921153 sf-2 tsu-0

**Bp = 1698 line = MAGIC.183 , Chr = 5**



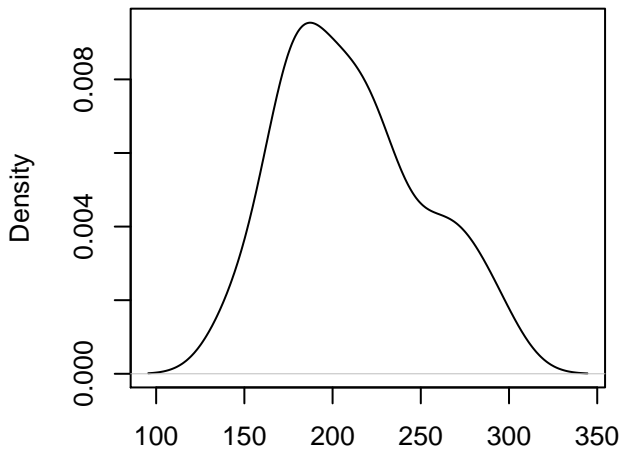
Insert size, N =52  
breakpoint: 17922605 – 17922655 tsu-0 no-0

**Bp = 1699 line = MAGIC.183 , Chr = 5**



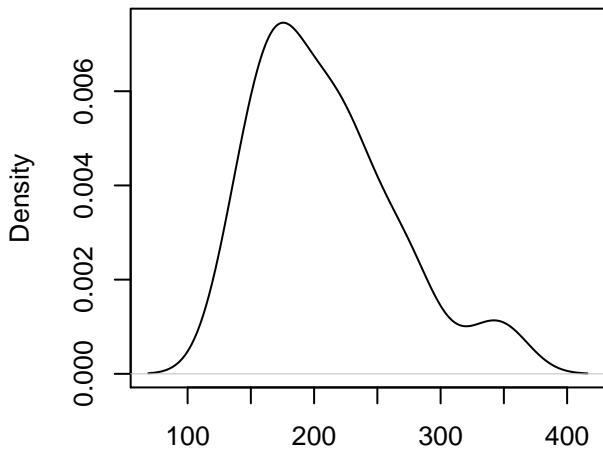
Insert size, N =51  
breakpoint: 17983841 – 17984131 no-0 edi-0

**Bp = 1700 line = MAGIC.183 , Chr = 5**



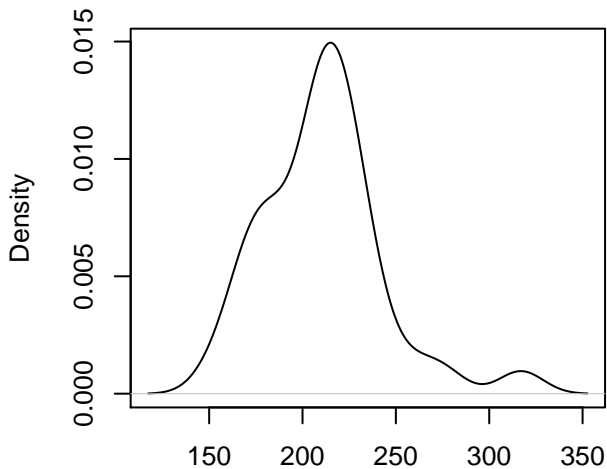
Insert size, N =35  
breakpoint: 17995248 – 17995351 edi-0 ct-1

**Bp = 1701 line = MAGIC.183 , Chr = 5**



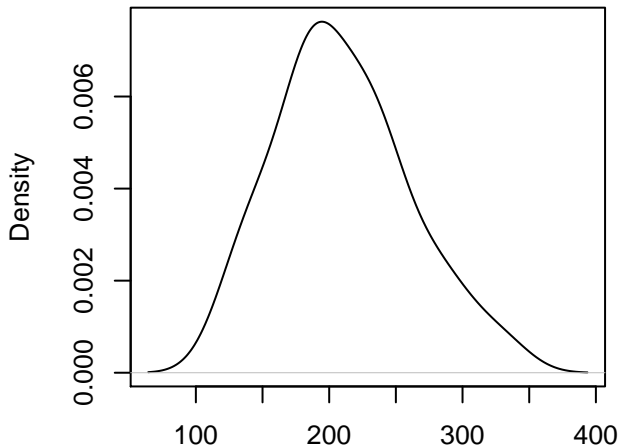
Insert size, N =46  
breakpoint: 18022720 – 18022800 ct-1 no-0

**Bp = 1702 line = MAGIC.183 , Chr = 5**



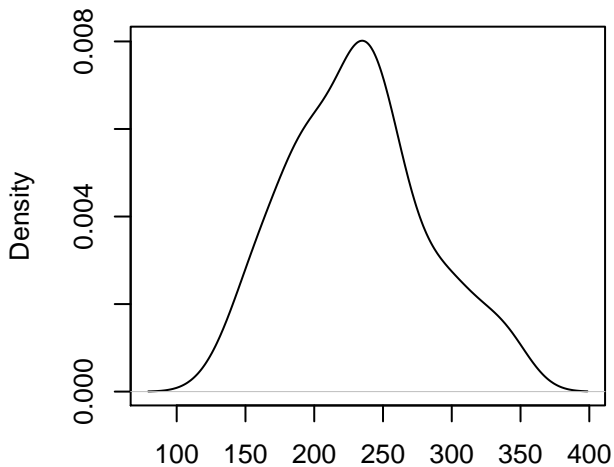
Insert size, N =35  
breakpoint: 18037309 – 18037356 no-0 ler-0

**Bp = 1703 line = MAGIC.183 , Chr = 5**



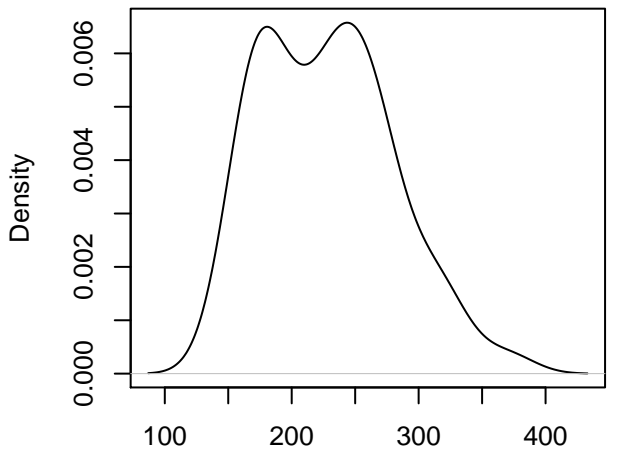
Insert size, N =34  
breakpoint: 18065052 – 18065084 ler-0 wu-0

**Bp = 1704 line = MAGIC.183 , Chr = 5**



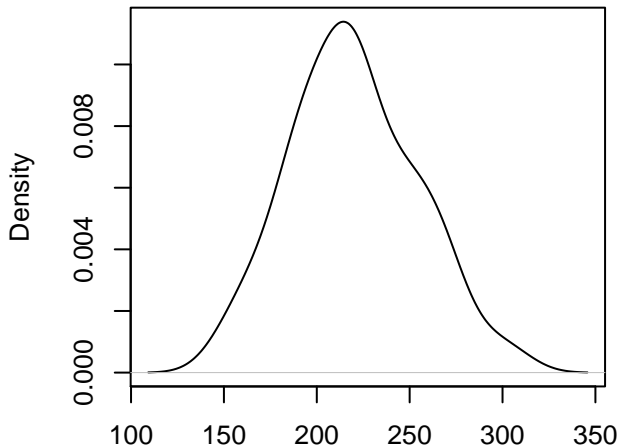
Insert size, N =71  
breakpoint: 18138531 – 18138811 wu-0 sf-2

**Bp = 1705 line = MAGIC.183 , Chr = 5**



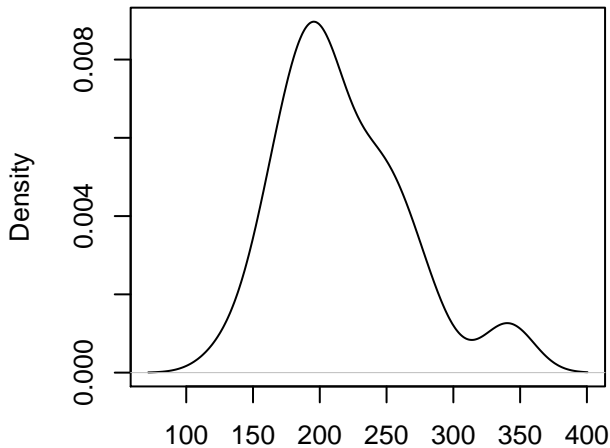
Insert size, N =53  
breakpoint: 18281559 – 18281578 sf-2 kn-0

**Bp = 1706 line = MAGIC.183 , Chr = 5**



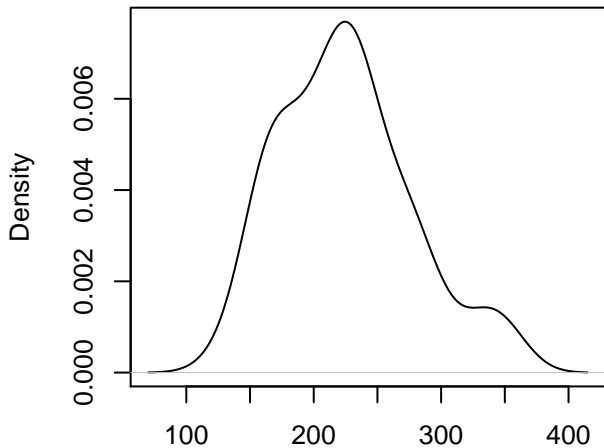
Insert size, N =58  
breakpoint: 18297291 – 18297309 kn-0 zu-0

**Bp = 1707 line = MAGIC.183 , Chr = 5**



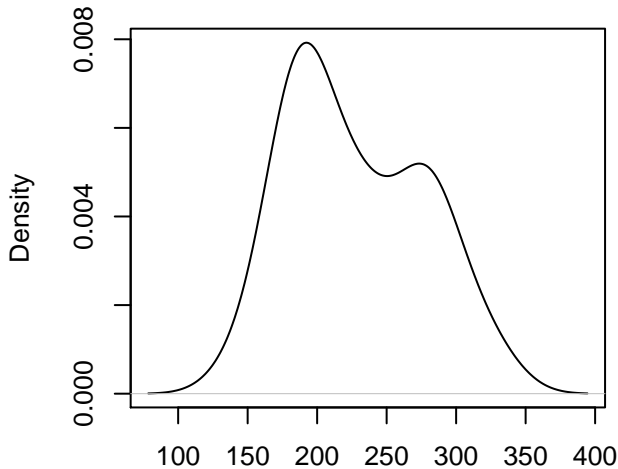
Insert size, N =50  
breakpoint: 18346868 – 18346870 zu-0 can-0

**Bp = 1708 line = MAGIC.183 , Chr = 5**



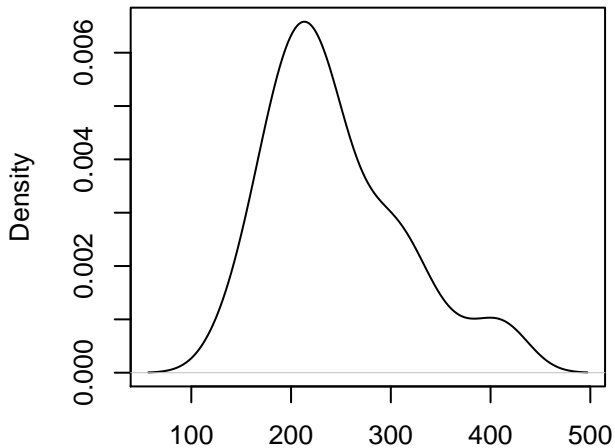
Insert size, N =69  
breakpoint: 18360216 – 18360244 can-0 bur-0

**Bp = 1709 line = MAGIC.183 , Chr = 5**



Insert size, N =38  
breakpoint: 18368626 – 18368629 bur-0 oy-0

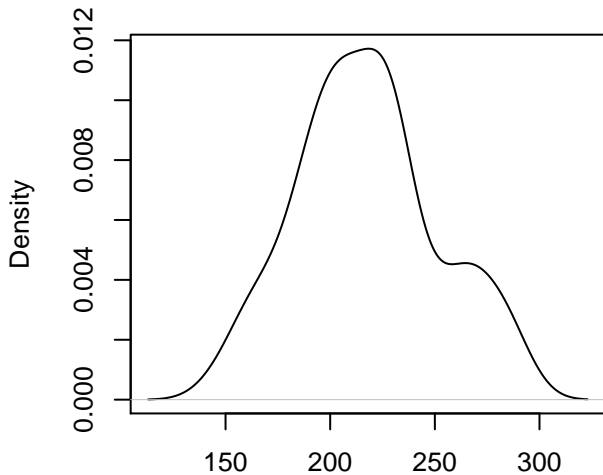
**Bp = 1710 line = MAGIC.183 , Chr = 5**



Insert size, N =71

breakpoint: 18382032 – 18382481 oy-0 col-0

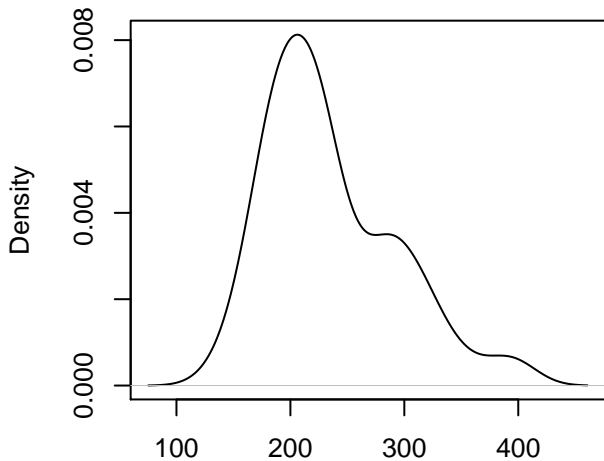
**Bp = 1711 line = MAGIC.183 , Chr = 5**



Insert size, N =54

breakpoint: 18409259 – 18409277 col-0 hi-0

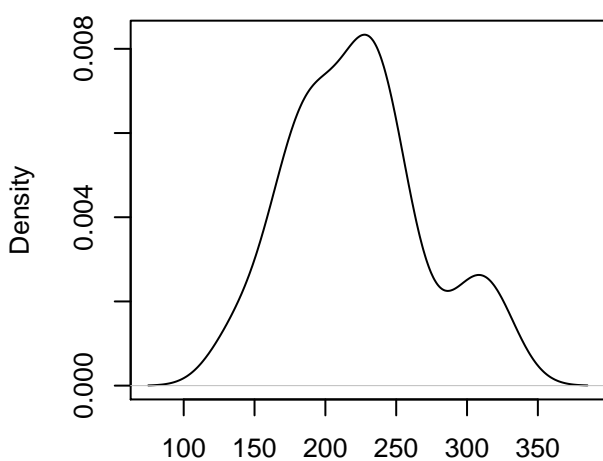
**Bp = 1712 line = MAGIC.183 , Chr = 5**



Insert size, N =90

breakpoint: 18460132 – 18460139 hi-0 edi-0

**Bp = 1713 line = MAGIC.183 , Chr = 5**

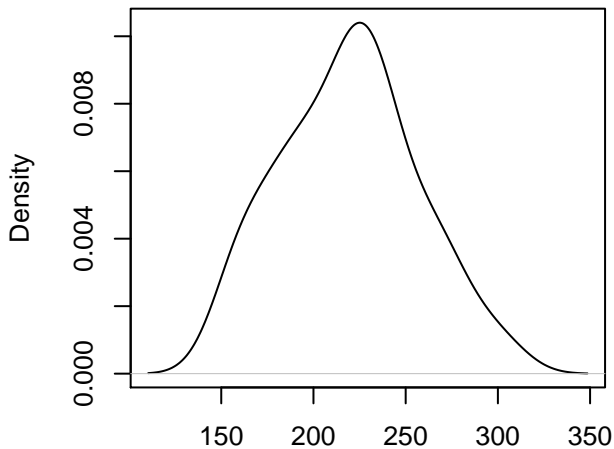


Insert size, N =59

breakpoint: 18511617 – 18511635 edi-0 bur-0

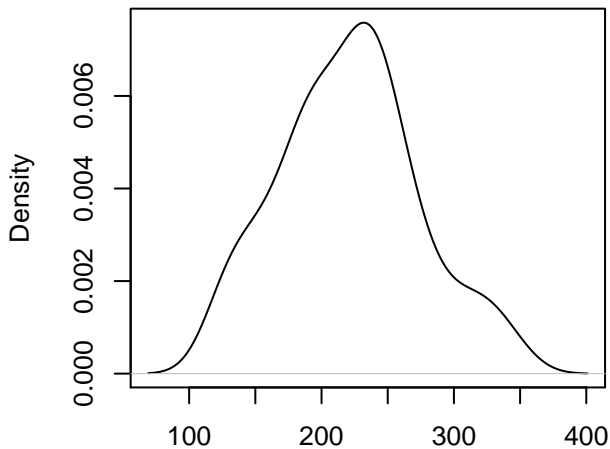


**Bp = 1714 line = MAGIC.183 , Chr = 5**



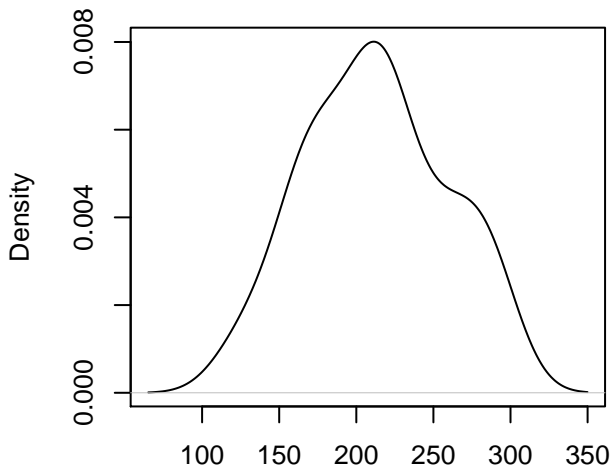
Insert size, N =51  
breakpoint: 18519872 – 18519877 bur-0 hi-0

**Bp = 1715 line = MAGIC.183 , Chr = 5**



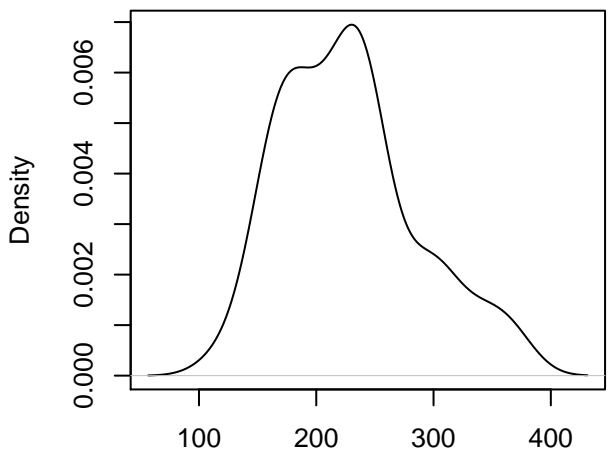
Insert size, N =61  
breakpoint: 18552367 – 18552383 hi-0 sf-2

**Bp = 1716 line = MAGIC.183 , Chr = 5**



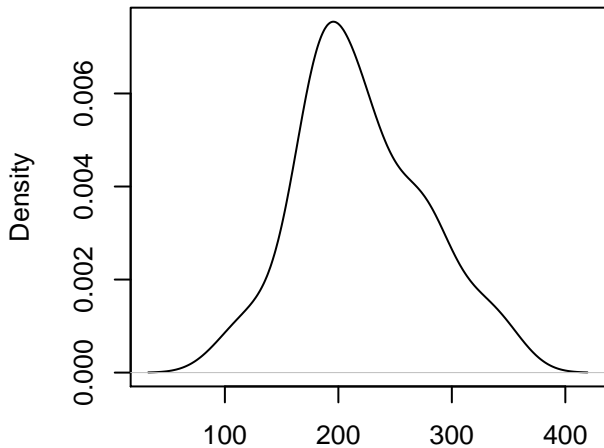
Insert size, N =43  
breakpoint: 18564686 – 18564743 sf-2 zu-0

**Bp = 1717 line = MAGIC.183 , Chr = 5**



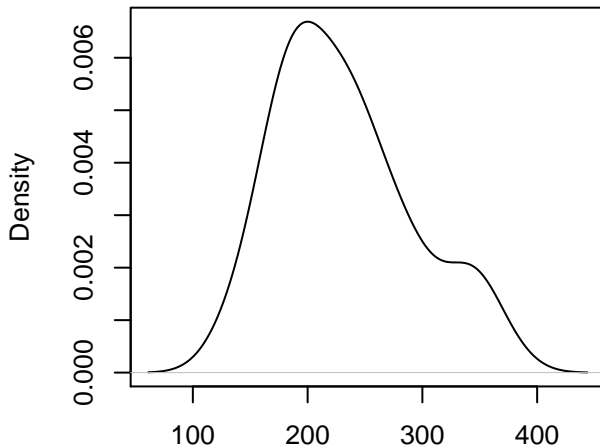
Insert size, N =50  
breakpoint: 18634732 – 18634744 zu-0 hi-0

**Bp = 1718 line = MAGIC.183 , Chr = 5**



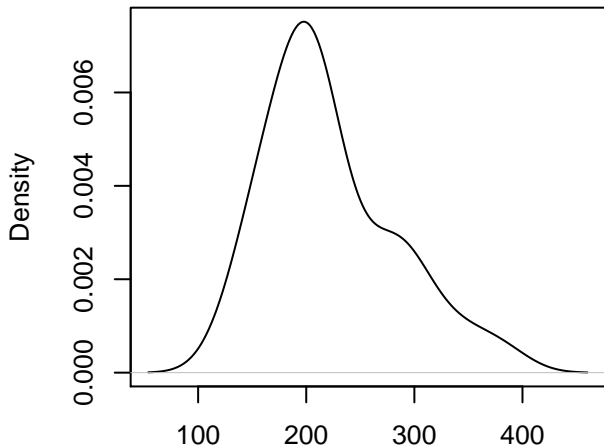
Insert size, N =57  
breakpoint: 18644249 – 18644274 hi-0 col-0

**Bp = 1719 line = MAGIC.183 , Chr = 5**



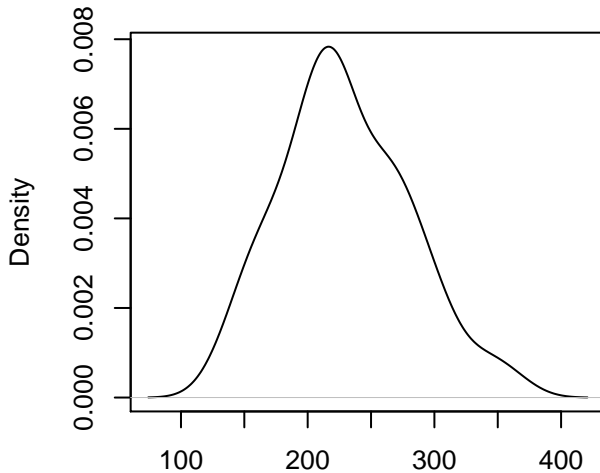
Insert size, N =59  
breakpoint: 18675194 – 18675197 col-0 bur-0

**Bp = 1720 line = MAGIC.183 , Chr = 5**



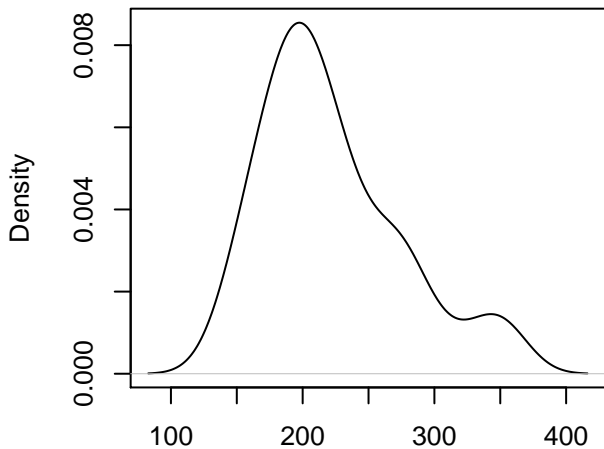
Insert size, N =38  
breakpoint: 18682827 – 18682858 bur-0 wil-2

**Bp = 1721 line = MAGIC.183 , Chr = 5**



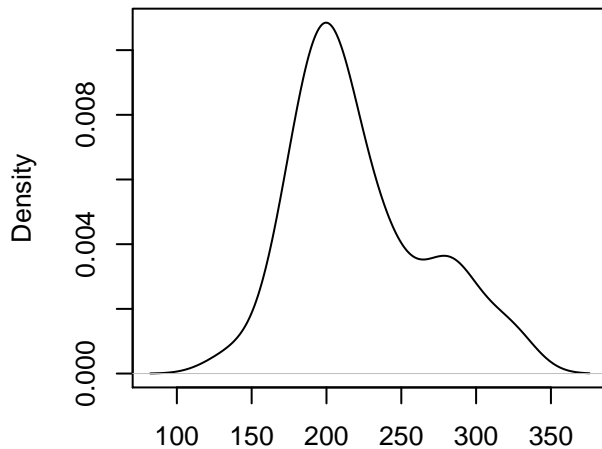
Insert size, N =89  
breakpoint: 18697755 – 18697827 wil-2 edi-0

**Bp = 1722 line = MAGIC.183 , Chr = 5**



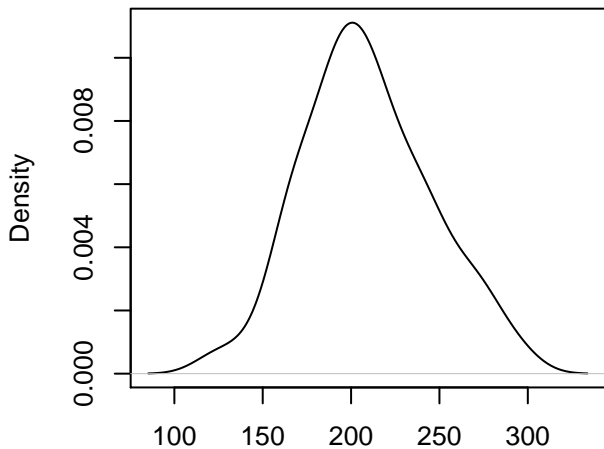
Insert size, N =40  
breakpoint: 18731271 – 18731297 edi-0 po-0

**Bp = 1723 line = MAGIC.183 , Chr = 5**



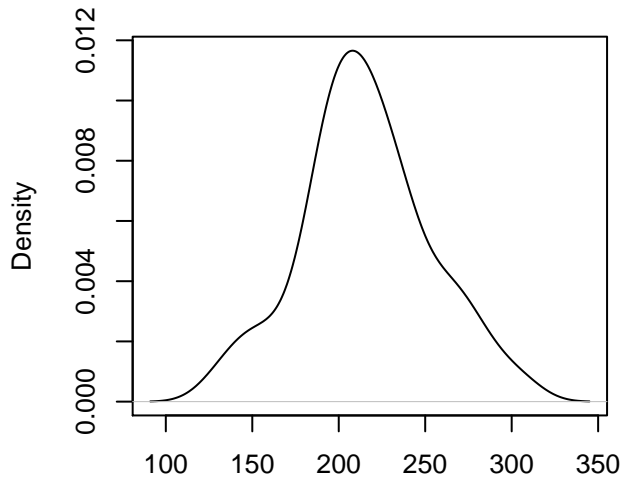
Insert size, N =74  
breakpoint: 18754215 – 18754241 po-0 sf-2

**Bp = 1724 line = MAGIC.183 , Chr = 5**



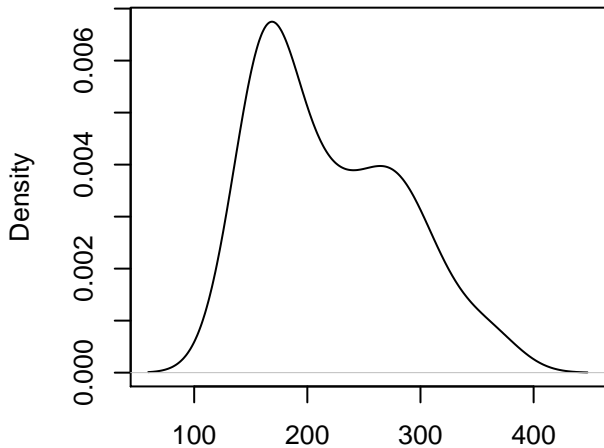
Insert size, N =49  
breakpoint: 18900879 – 18900881 sf-2 wil-2

**Bp = 1725 line = MAGIC.183 , Chr = 5**



Insert size, N =51  
breakpoint: 18954599 – 18954629 wil-2 hi-0

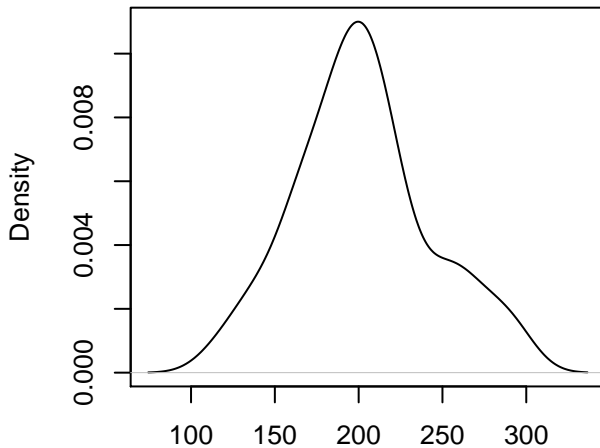
**Bp = 1726 line = MAGIC.183 , Chr = 5**



Insert size, N =51

breakpoint: 18972459 – 18972484 hi-0 oy-0

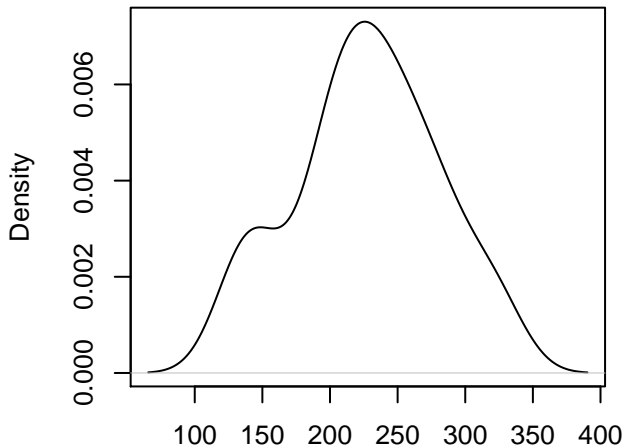
**Bp = 1727 line = MAGIC.183 , Chr = 5**



Insert size, N =44

breakpoint: 19000852 – 19000899 oy-0 wil-2

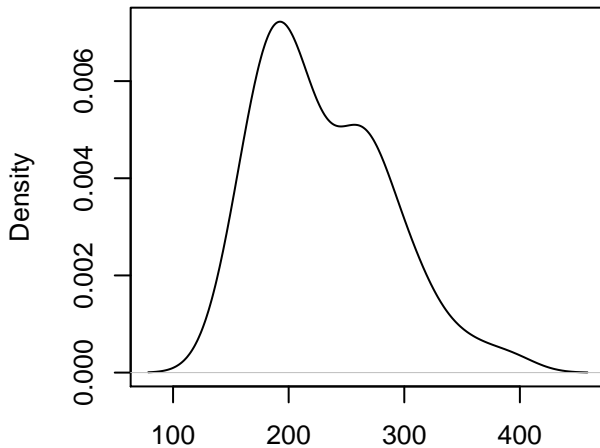
**Bp = 1728 line = MAGIC.183 , Chr = 5**



Insert size, N =31

breakpoint: 19062078 – 19062152 wil-2 rsch-4

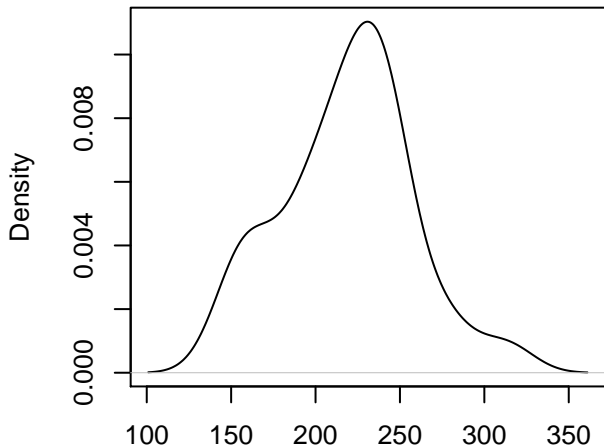
**Bp = 1729 line = MAGIC.183 , Chr = 5**



Insert size, N =59

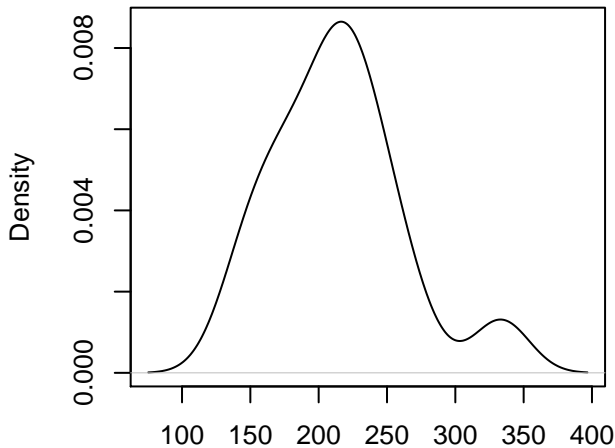
breakpoint: 19134176 – 19134299 rsch-4 sf-2

**Bp = 1730 line = MAGIC.183 , Chr = 5**



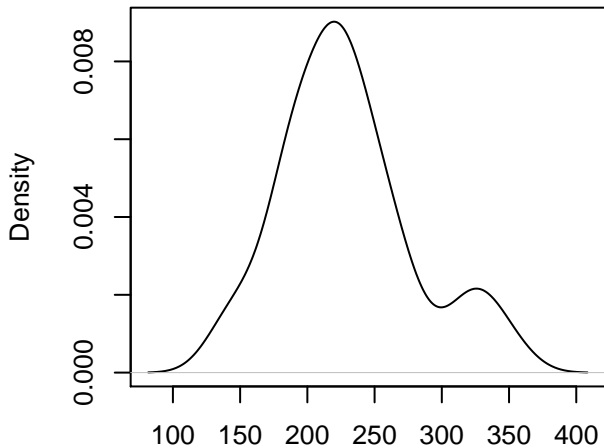
Insert size, N =28  
breakpoint: 19144345 – 19144359 sf-2 kn-0

**Bp = 1731 line = MAGIC.183 , Chr = 5**



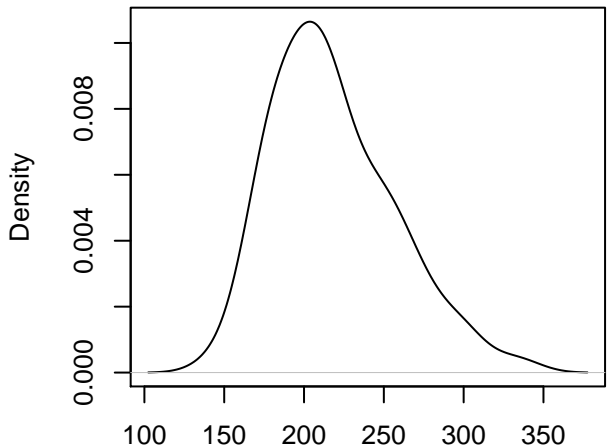
Insert size, N =30  
breakpoint: 19154627 – 19154632 kn-0 tsu-0

**Bp = 1732 line = MAGIC.183 , Chr = 5**



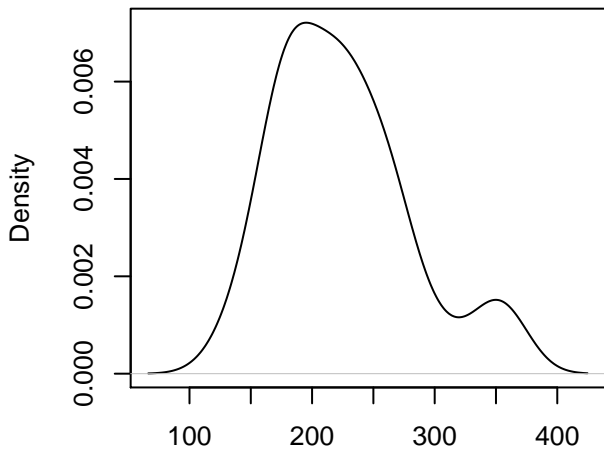
Insert size, N =63  
breakpoint: 19180311 – 19180325 tsu-0 ct-1

**Bp = 1733 line = MAGIC.183 , Chr = 5**



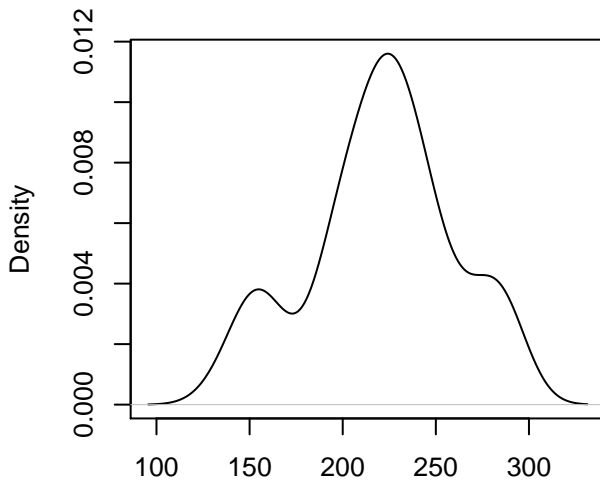
Insert size, N =65  
breakpoint: 19187737 – 19187779 ct-1 col-0

**Bp = 1734 line = MAGIC.183 , Chr = 5**



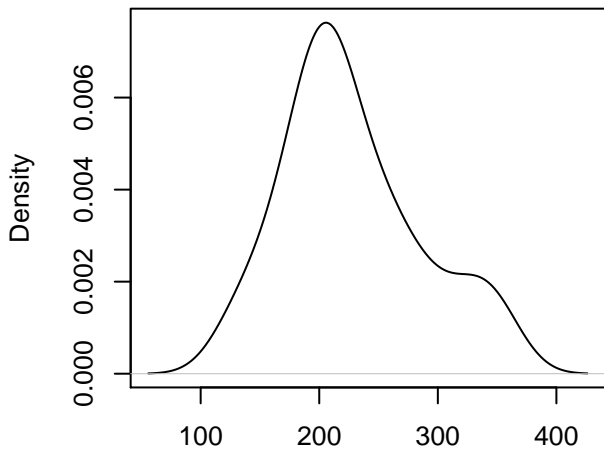
Insert size, N =50  
breakpoint: 19208408 – 19208412 col-0 edi-0

**Bp = 1735 line = MAGIC.183 , Chr = 5**



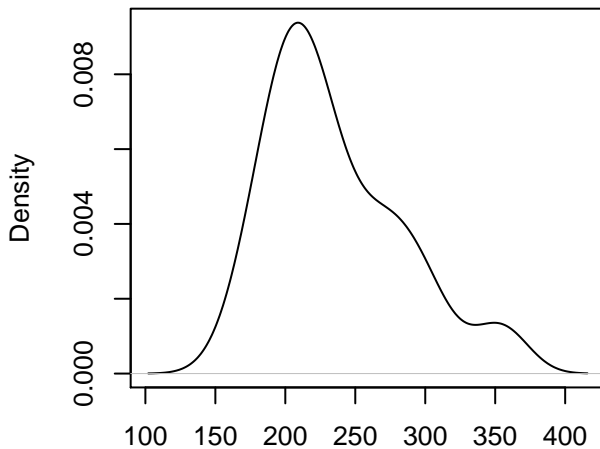
Insert size, N =60  
breakpoint: 19227216 – 19227290 edi-0 wil-2

**Bp = 1736 line = MAGIC.183 , Chr = 5**



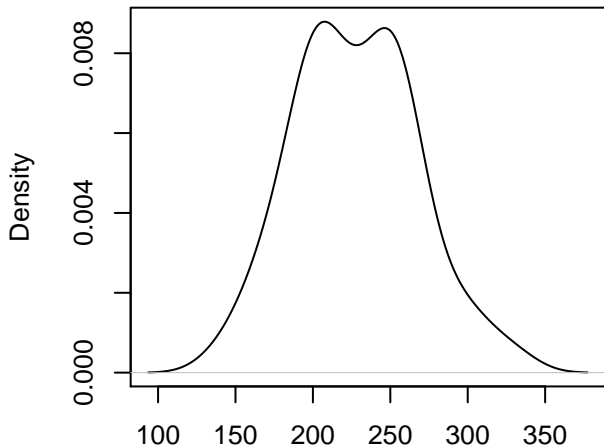
Insert size, N =53  
breakpoint: 19272147 – 19272233 wil-2 zu-0

**Bp = 1737 line = MAGIC.183 , Chr = 5**



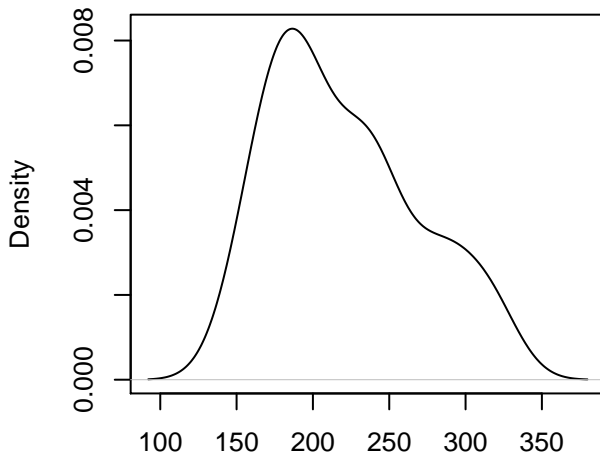
Insert size, N =85  
breakpoint: 19355176 – 19355188 zu-0 edi-0

**Bp = 1738 line = MAGIC.183 , Chr = 5**



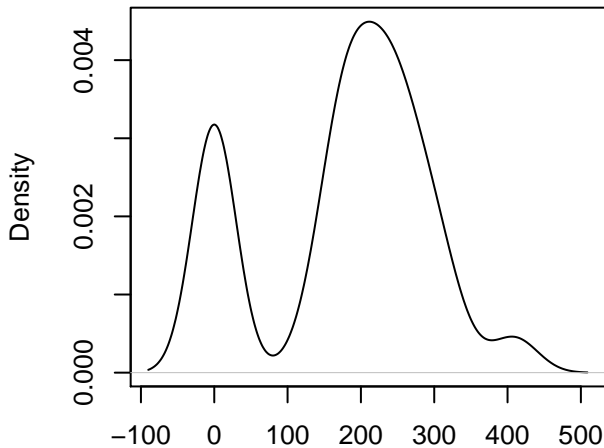
Insert size, N =52  
breakpoint: 19482740 – 19482753 edi-0 tsu-0

**Bp = 1739 line = MAGIC.183 , Chr = 5**



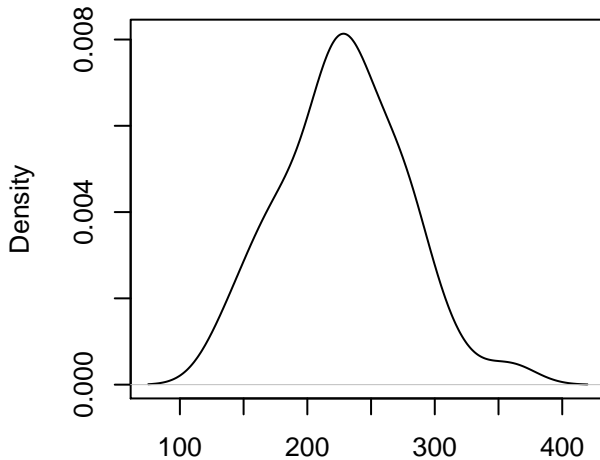
Insert size, N =63  
breakpoint: 19492192 – 19492240 tsu-0 edi-0

**Bp = 1740 line = MAGIC.183 , Chr = 5**



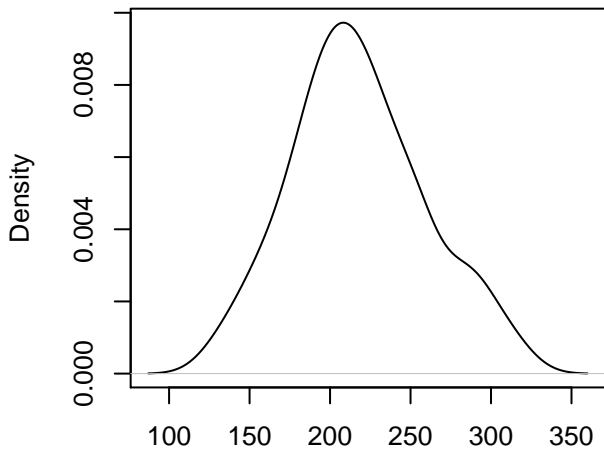
Insert size, N =113  
breakpoint: 19540858 – 19540892 edi-0 col-0

**Bp = 1741 line = MAGIC.183 , Chr = 5**



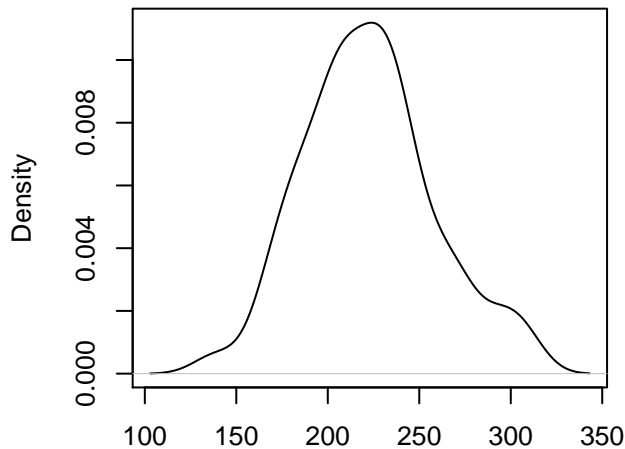
Insert size, N =42  
breakpoint: 19574764 – 19574774 col-0 kn-0

**Bp = 1742 line = MAGIC.183 , Chr = 5**



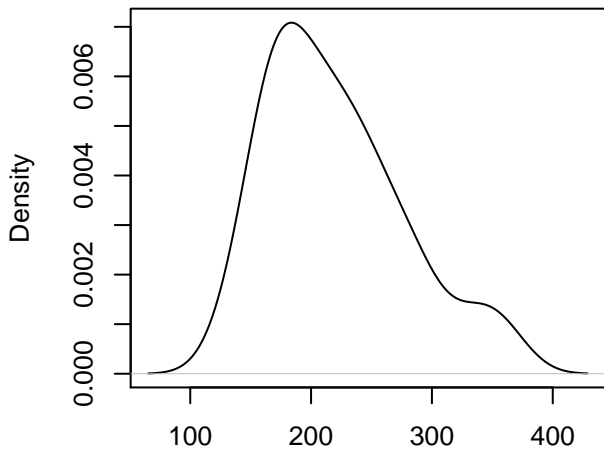
Insert size, N =77  
breakpoint: 19629242 – 19629288 kn-0 mt-0

**Bp = 1743 line = MAGIC.183 , Chr = 5**



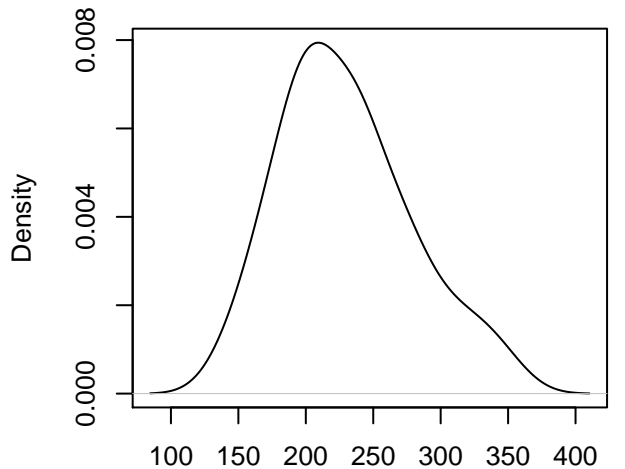
Insert size, N =56  
breakpoint: 19676697 – 19676706 mt-0 no-0

**Bp = 1744 line = MAGIC.183 , Chr = 5**



Insert size, N =59  
breakpoint: 19718802 – 19718830 no-0 kn-0

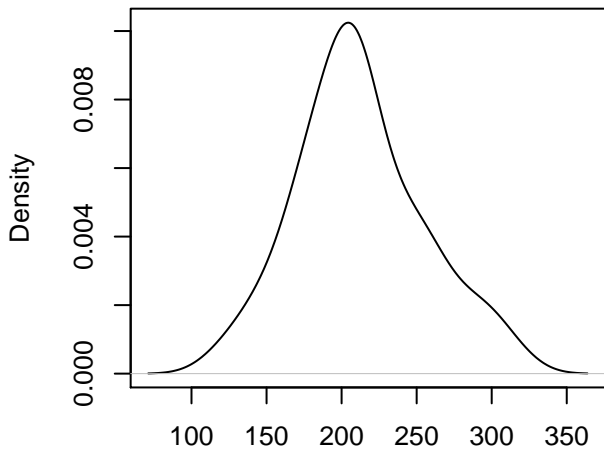
**Bp = 1745 line = MAGIC.183 , Chr = 5**



Insert size, N =65  
breakpoint: 19739239 – 19739247 kn-0 mt-0



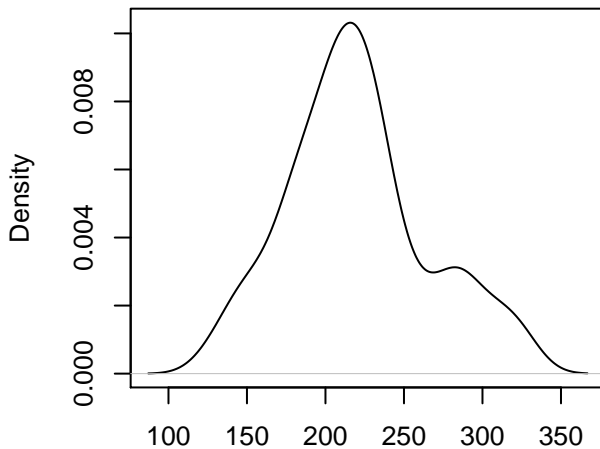
**Bp = 1746 line = MAGIC.183 , Chr = 5**



Insert size, N =45

breakpoint: 19750021 – 19750048 mt-0 edi-0

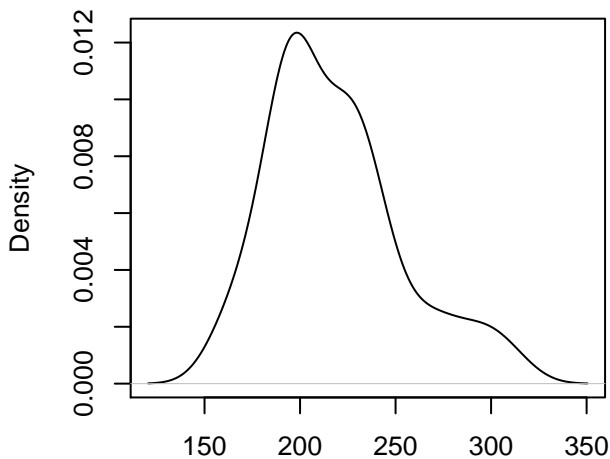
**Bp = 1747 line = MAGIC.183 , Chr = 5**



Insert size, N =64

breakpoint: 19759790 – 19759791 edi-0 oy-0

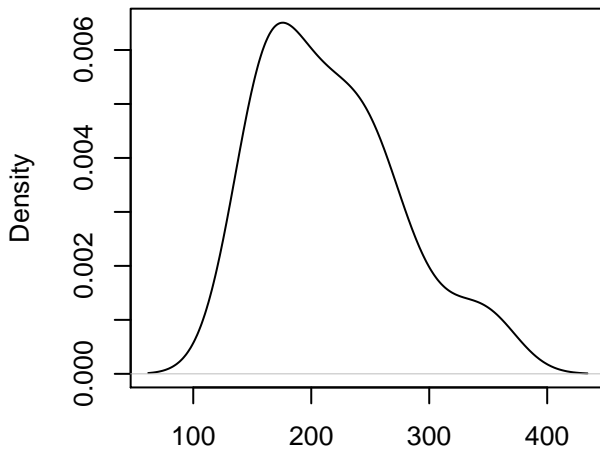
**Bp = 1748 line = MAGIC.183 , Chr = 5**



Insert size, N =50

breakpoint: 19846950 – 19846980 oy-0 po-0

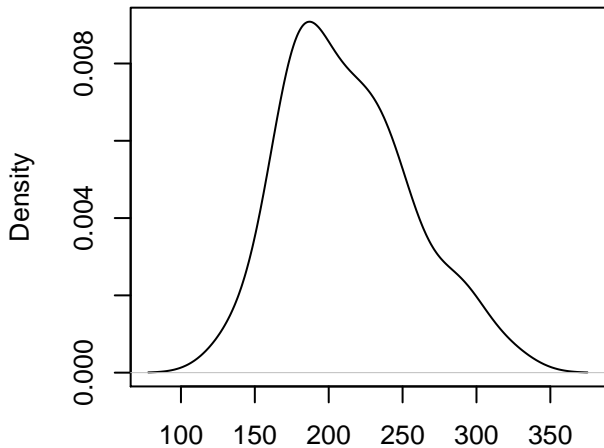
**Bp = 1749 line = MAGIC.183 , Chr = 5**



Insert size, N =27

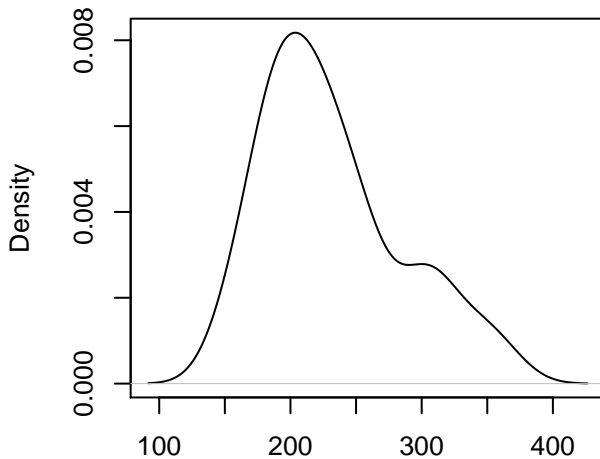
breakpoint: 19931988 – 19932157 po-0 mt-0

**Bp = 1750 line = MAGIC.183 , Chr = 5**



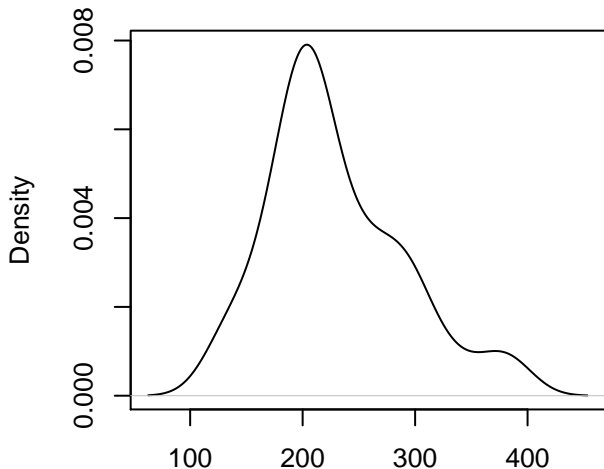
Insert size, N =43  
breakpoint: 19979182 – 19979303 mt-0 ct-1

**Bp = 1751 line = MAGIC.183 , Chr = 5**



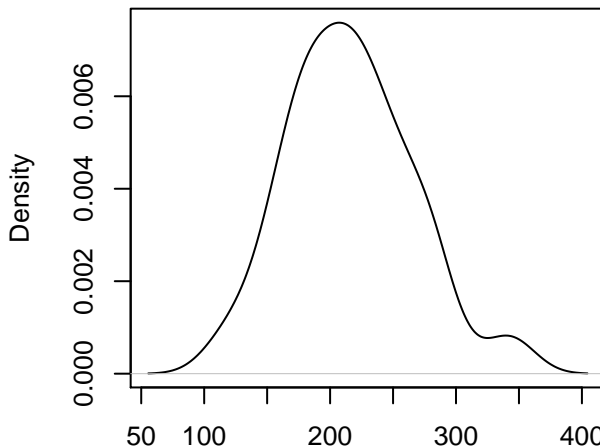
Insert size, N =58  
breakpoint: 19992808 – 19992839 ct-1 col-0

**Bp = 1752 line = MAGIC.183 , Chr = 5**



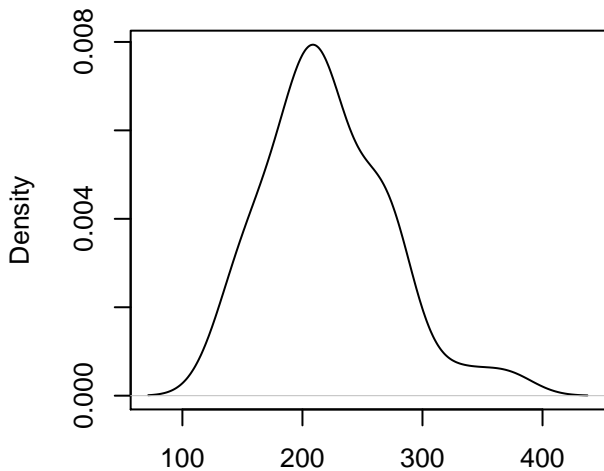
Insert size, N =39  
breakpoint: 20006911 – 20006923 col-0 wil-2

**Bp = 1753 line = MAGIC.183 , Chr = 5**



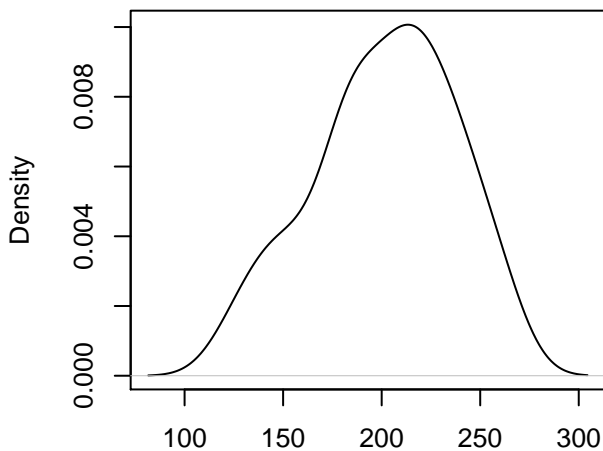
Insert size, N =50  
breakpoint: 20034896 – 20034992 wil-2 tsu-0

**Bp = 1754 line = MAGIC.183 , Chr = 5**



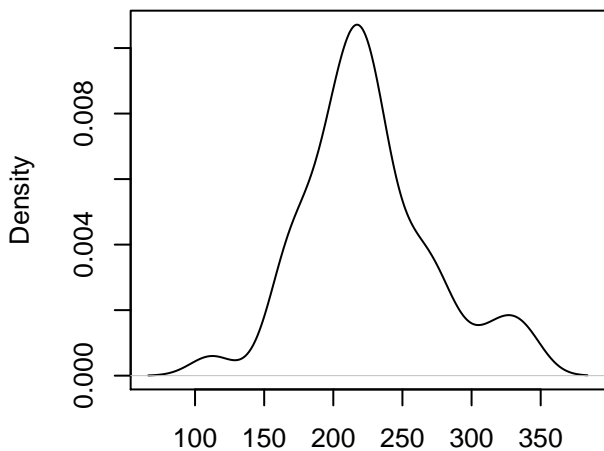
Insert size, N =36  
breakpoint: 20085406 – 20085484 tsu-0 hi-0

**Bp = 1755 line = MAGIC.183 , Chr = 5**



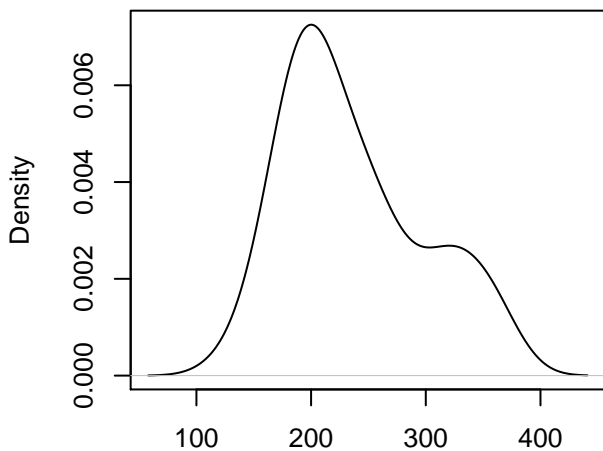
Insert size, N =47  
breakpoint: 20144751 – 20144779 hi-0 mt-0

**Bp = 1756 line = MAGIC.183 , Chr = 5**



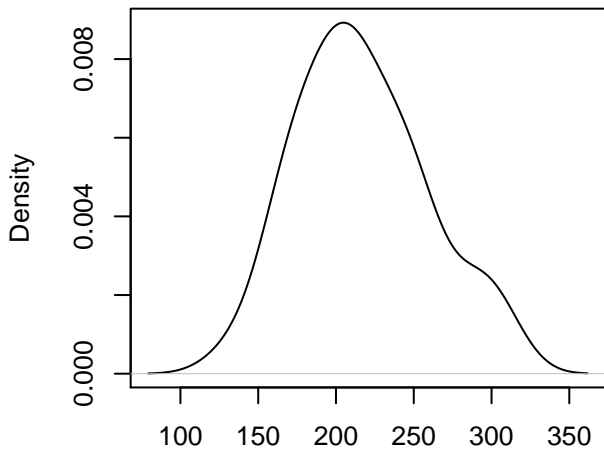
Insert size, N =44  
breakpoint: 20165950 – 20165957 mt-0 oy-0

**Bp = 1757 line = MAGIC.183 , Chr = 5**



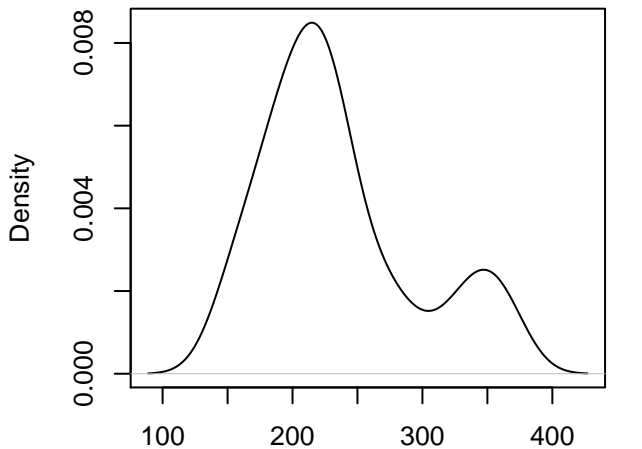
Insert size, N =58  
breakpoint: 20197014 – 20197050 oy-0 po-0

**Bp = 1758 line = MAGIC.183 , Chr = 5**



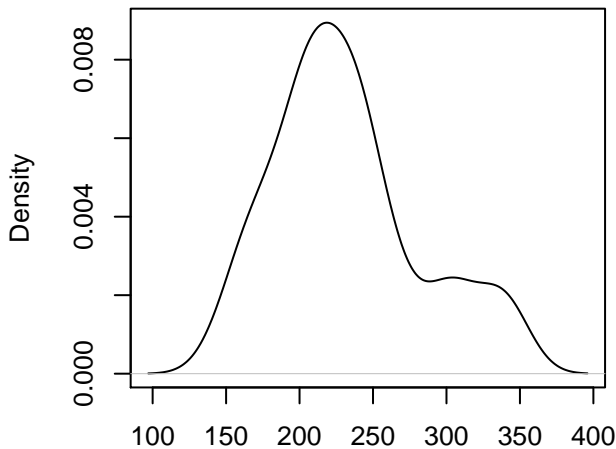
Insert size, N =38  
breakpoint: 20336842 – 20336853 po-0 tsu-0

**Bp = 1759 line = MAGIC.183 , Chr = 5**



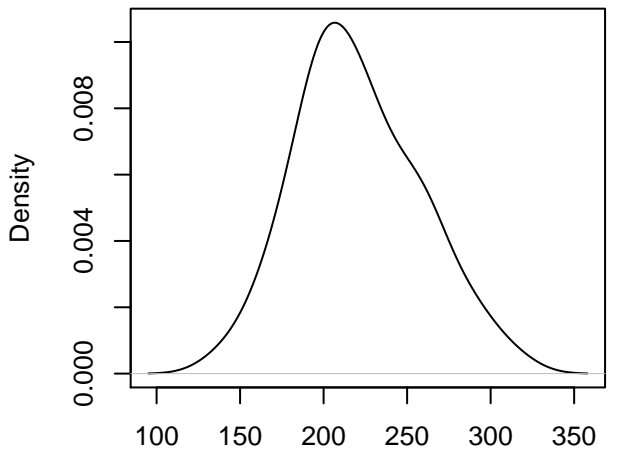
Insert size, N =52  
breakpoint: 20386916 – 20386945 tsu-0 po-0

**Bp = 1760 line = MAGIC.183 , Chr = 5**



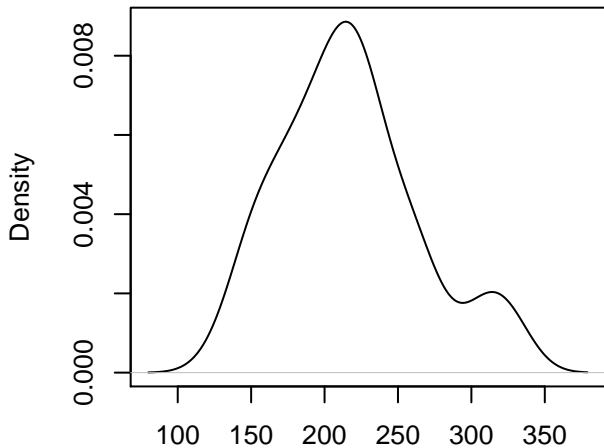
Insert size, N =50  
breakpoint: 20431051 – 20431429 po-0 ler-0

**Bp = 1761 line = MAGIC.183 , Chr = 5**



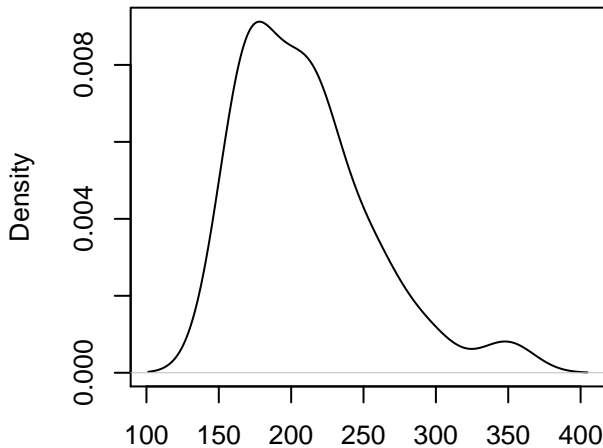
Insert size, N =54  
breakpoint: 20485350 – 20485454 ler-0 sf-2

**Bp = 1762 line = MAGIC.183 , Chr = 5**



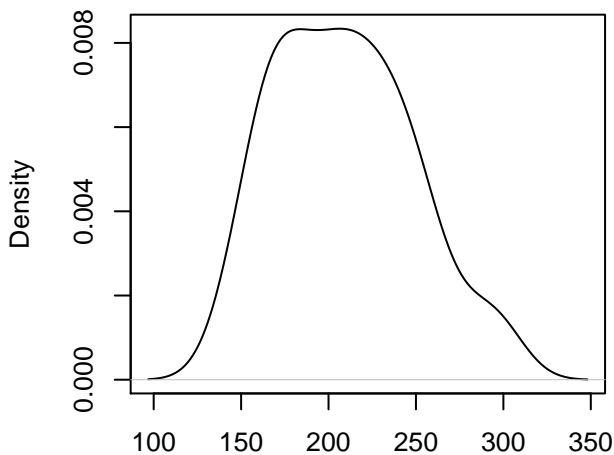
Insert size, N =60  
breakpoint: 20501764 – 20501778 sf-2 ws-0

**Bp = 1763 line = MAGIC.183 , Chr = 5**



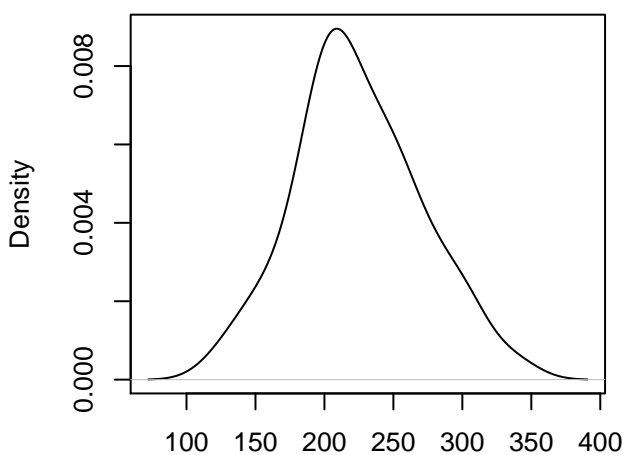
Insert size, N =27  
breakpoint: 20507535 – 20507653 ws-0 ct-1

**Bp = 1764 line = MAGIC.183 , Chr = 5**



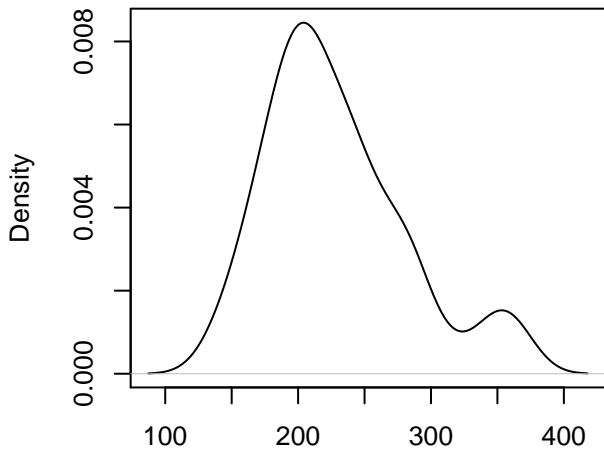
Insert size, N =59  
breakpoint: 20646583 – 20646663 ct-1 can-0

**Bp = 1765 line = MAGIC.183 , Chr = 5**



Insert size, N =49  
breakpoint: 20667442 – 20667678 can-0 hi-0

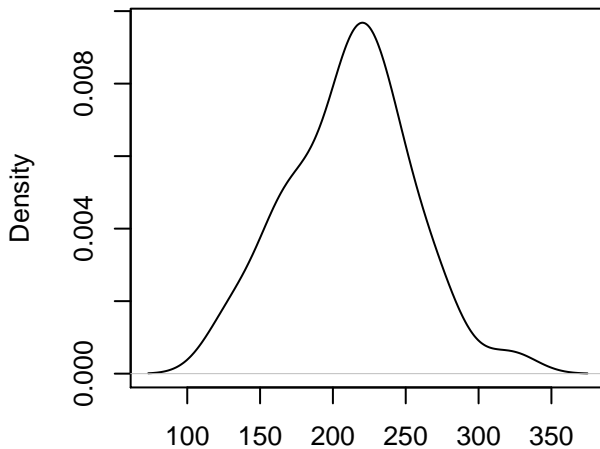
**Bp = 1766 line = MAGIC.183 , Chr = 5**



Insert size, N =66

breakpoint: 20709143 – 20709369 hi-0 can-0

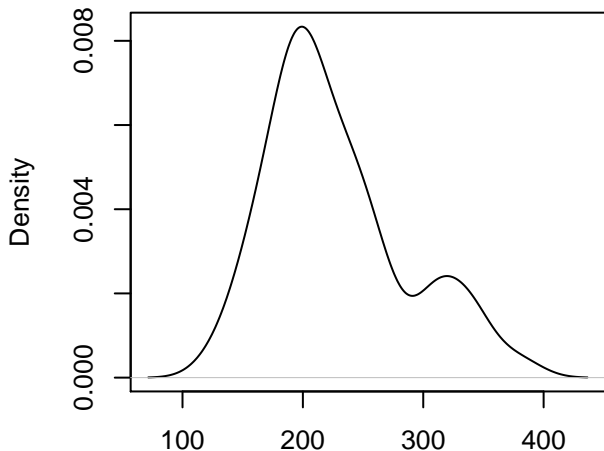
**Bp = 1767 line = MAGIC.183 , Chr = 5**



Insert size, N =39

breakpoint: 20802283 – 20802288 can-0 ler-0

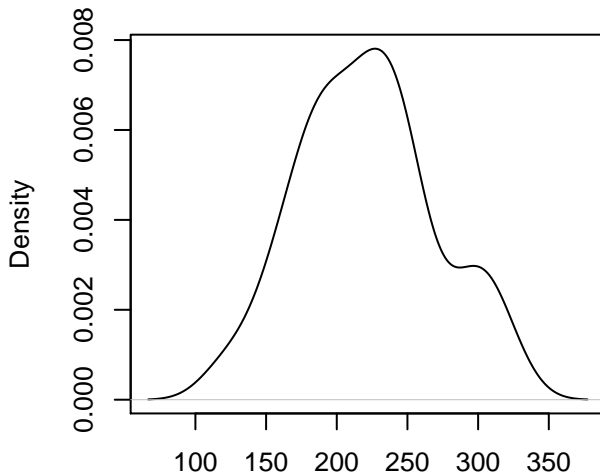
**Bp = 1768 line = MAGIC.183 , Chr = 5**



Insert size, N =52

breakpoint: 20838107 – 20838639 ler-0 bur-0

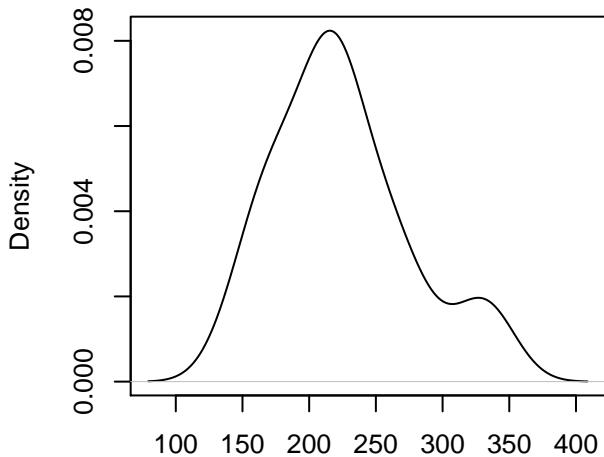
**Bp = 1769 line = MAGIC.183 , Chr = 5**



Insert size, N =59

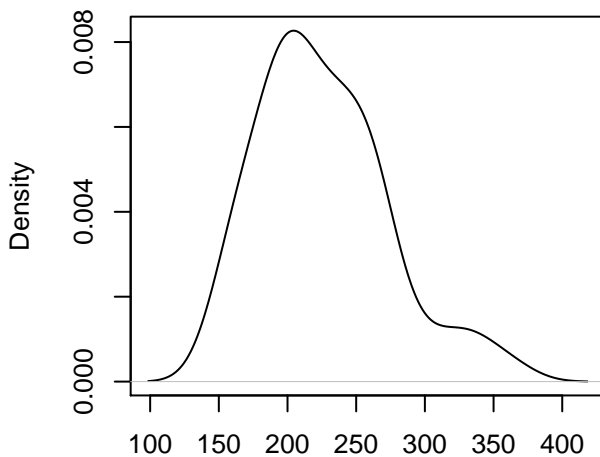
breakpoint: 20869968 – 20869976 bur-0 hi-0

**Bp = 1770 line = MAGIC.183 , Chr = 5**



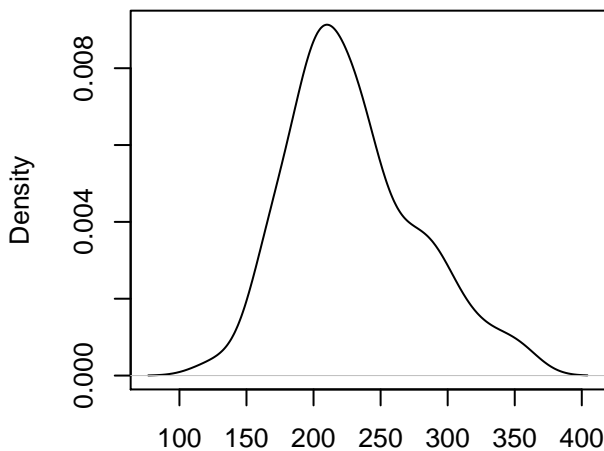
Insert size, N =60  
breakpoint: 20899961 – 20900032 hi-0 kn-0

**Bp = 1771 line = MAGIC.183 , Chr = 5**



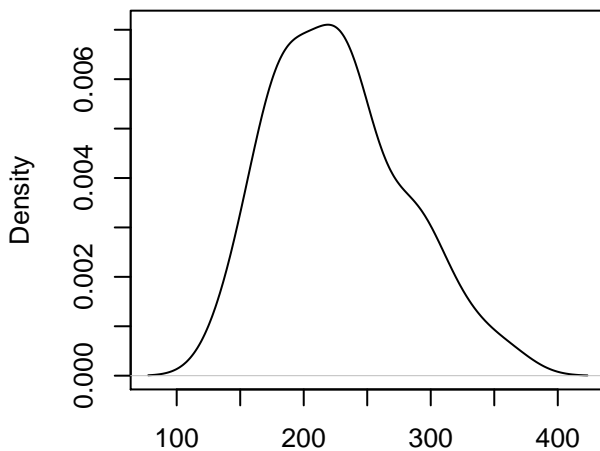
Insert size, N =62  
breakpoint: 20904423 – 20904424 kn-0 can-0

**Bp = 1772 line = MAGIC.183 , Chr = 5**



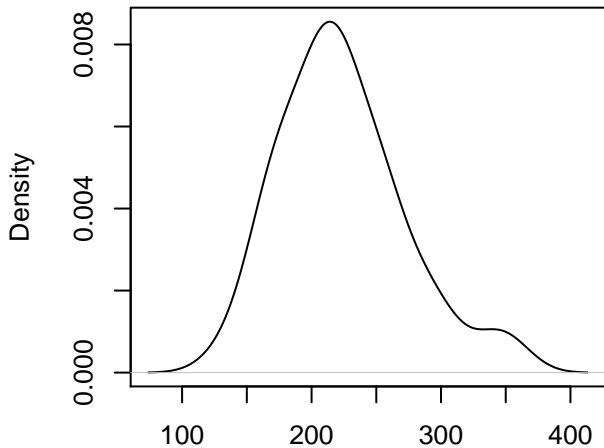
Insert size, N =71  
breakpoint: 20939931 – 20940129 can-0 hi-0

**Bp = 1773 line = MAGIC.183 , Chr = 5**



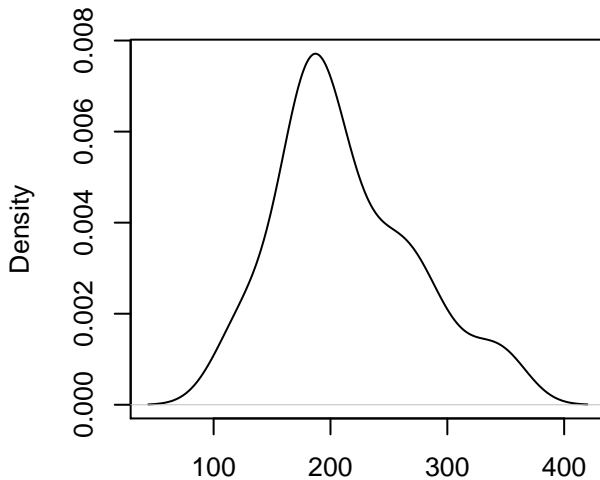
Insert size, N =39  
breakpoint: 20996159 – 20996281 hi-0 zu-0

**Bp = 1774 line = MAGIC.183 , Chr = 5**



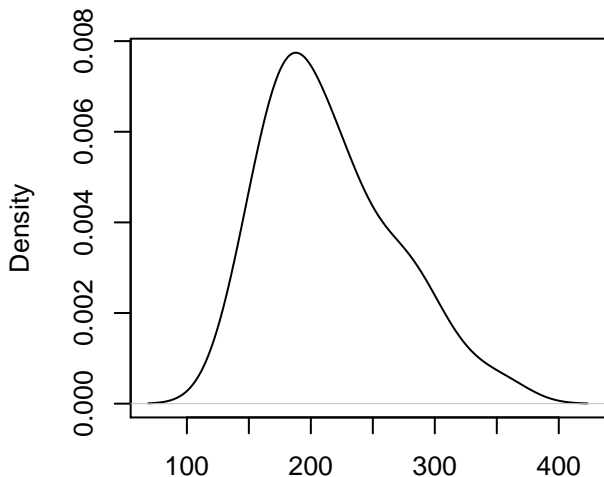
Insert size, N =61  
breakpoint: 21044207 – 21044225 zu-0 bur-0

**Bp = 1775 line = MAGIC.183 , Chr = 5**



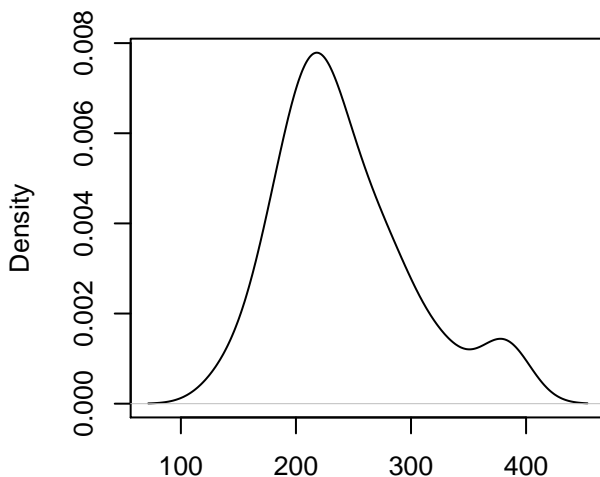
Insert size, N =60  
breakpoint: 21134585 – 21134599 bur-0 sf-2

**Bp = 1776 line = MAGIC.183 , Chr = 5**



Insert size, N =41  
breakpoint: 21147349 – 21147400 sf-2 oy-0

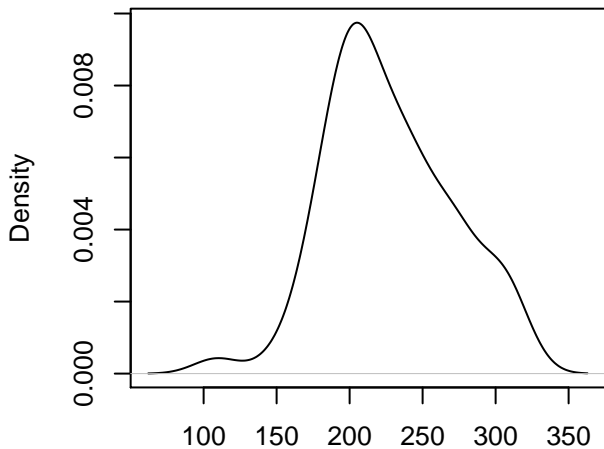
**Bp = 1777 line = MAGIC.183 , Chr = 5**



Insert size, N =39  
breakpoint: 21250731 – 21250833 oy-0 wu-0

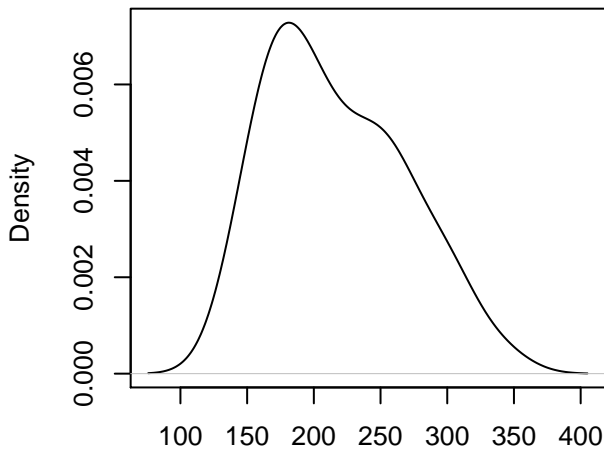


**Bp = 1778 line = MAGIC.183 , Chr = 5**



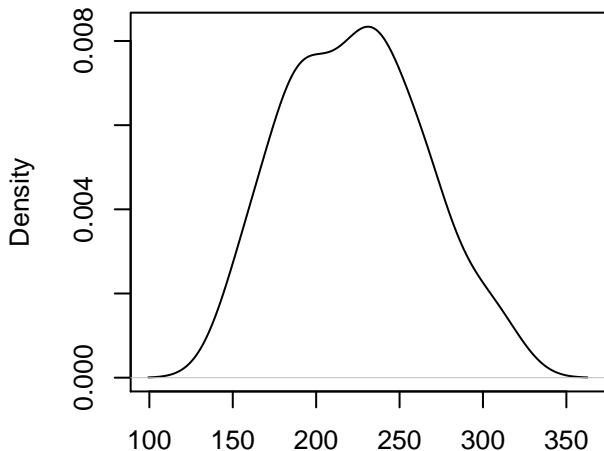
Insert size, N =61  
breakpoint: 21296390 – 21296410 wu-0 sf-2

**Bp = 1779 line = MAGIC.183 , Chr = 5**



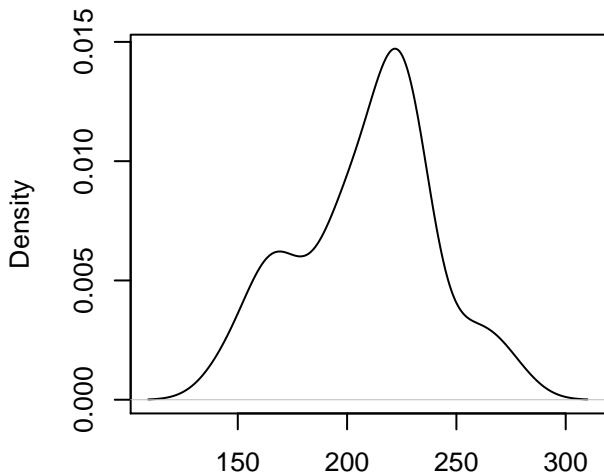
Insert size, N =43  
breakpoint: 21330853 – 21330987 sf-2 rsch-4

**Bp = 1780 line = MAGIC.183 , Chr = 5**



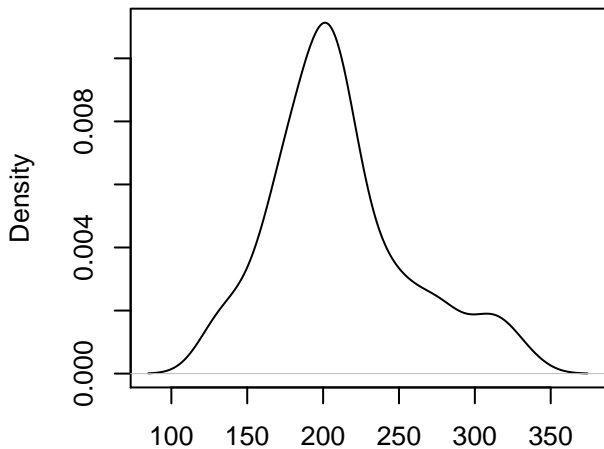
Insert size, N =76  
breakpoint: 21349815 – 21349880 rsch-4 kn-0

**Bp = 1781 line = MAGIC.183 , Chr = 5**



Insert size, N =29  
breakpoint: 21357382 – 21357387 kn-0 can-0

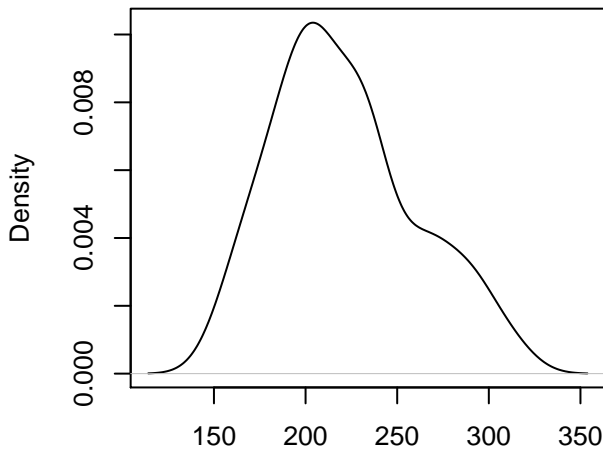
**Bp = 1782 line = MAGIC.183 , Chr = 5**



Insert size, N =56

breakpoint: 21417543 – 21417694 can-0 col-0

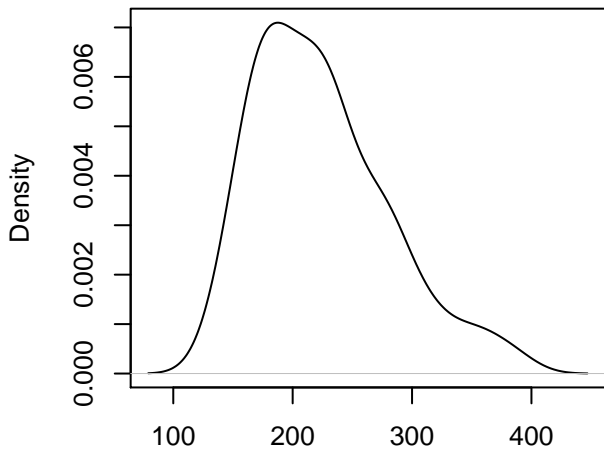
**Bp = 1783 line = MAGIC.183 , Chr = 5**



Insert size, N =61

breakpoint: 21432408 – 21432433 col-0 sf-2

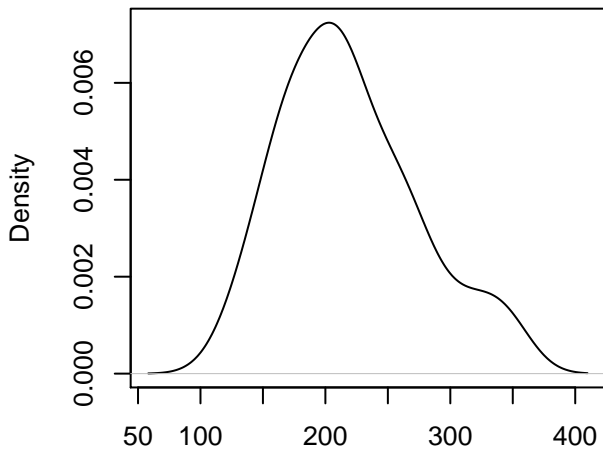
**Bp = 1784 line = MAGIC.183 , Chr = 5**



Insert size, N =113

breakpoint: 21471793 – 21471810 sf-2 can-0

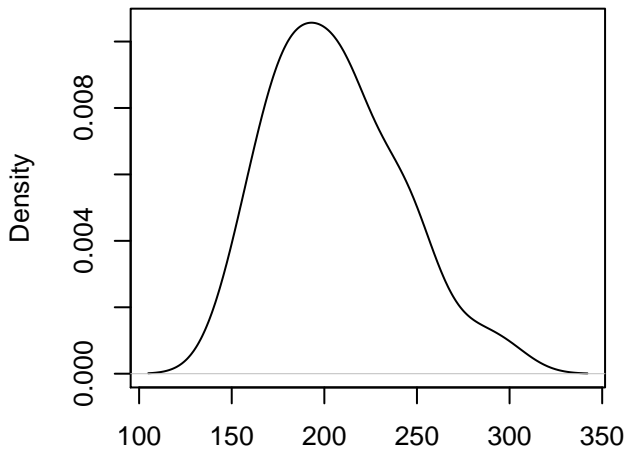
**Bp = 1785 line = MAGIC.183 , Chr = 5**



Insert size, N =69

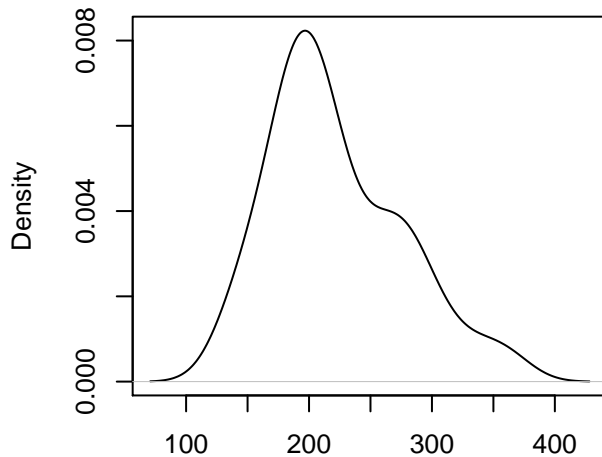
breakpoint: 21501884 – 21502007 can-0 hi-0

**Bp = 1786 line = MAGIC.183 , Chr = 5**



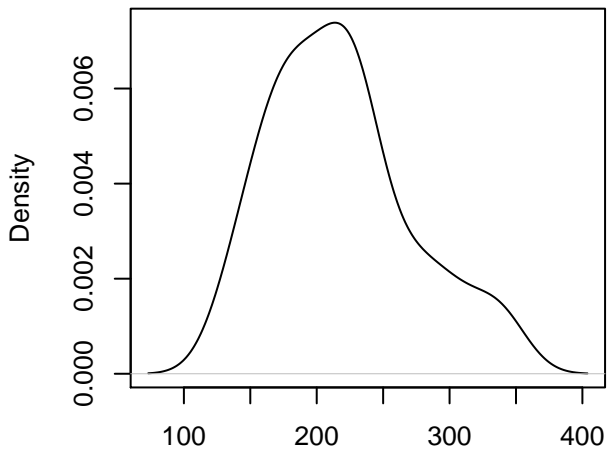
Insert size, N =35  
breakpoint: 21514703 – 21514724 hi-0 zu-0

**Bp = 1787 line = MAGIC.183 , Chr = 5**



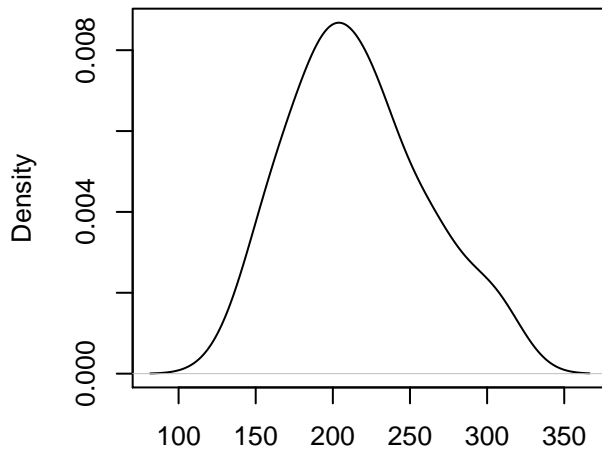
Insert size, N =65  
breakpoint: 21697959 – 21698093 zu-0 ct-1

**Bp = 1788 line = MAGIC.183 , Chr = 5**



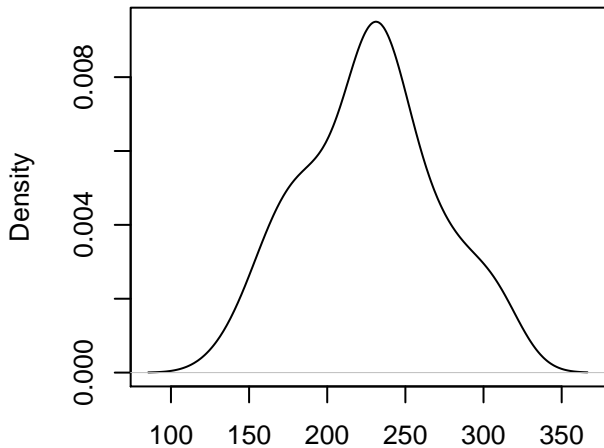
Insert size, N =43  
breakpoint: 21752654 – 21752655 ct-1 bur-0

**Bp = 1789 line = MAGIC.183 , Chr = 5**



Insert size, N =53  
breakpoint: 21793773 – 21793883 bur-0 can-0

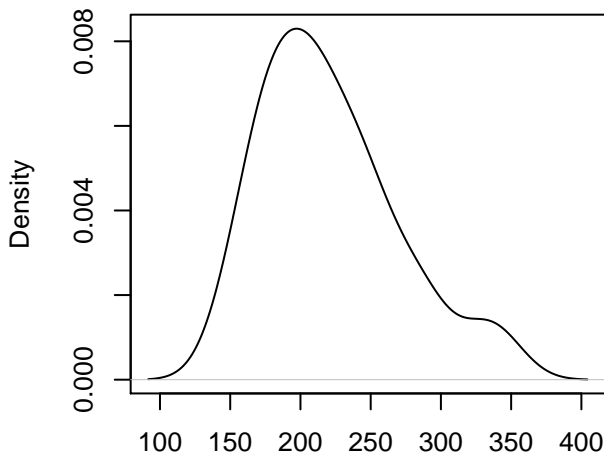
**Bp = 1790 line = MAGIC.183 , Chr = 5**



Insert size, N =63

breakpoint: 21797586 – 21797745 can-0 bur-0

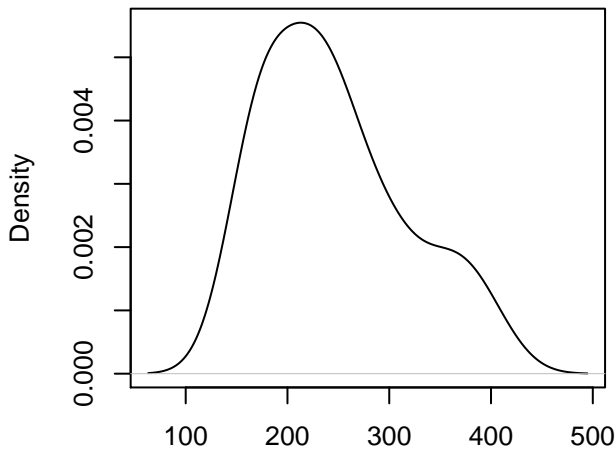
**Bp = 1791 line = MAGIC.183 , Chr = 5**



Insert size, N =45

breakpoint: 21872910 – 21872918 bur-0 sf-2

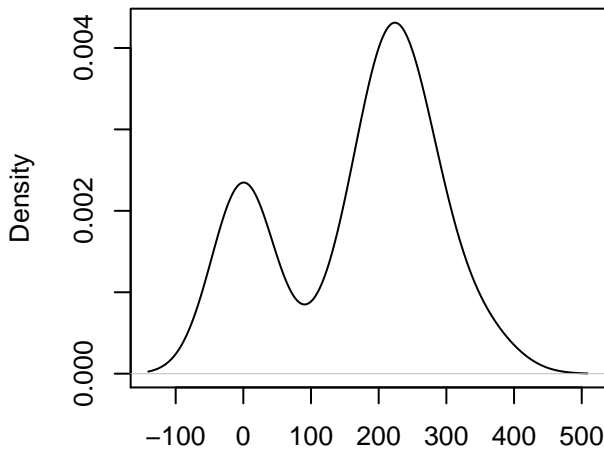
**Bp = 1792 line = MAGIC.183 , Chr = 5**



Insert size, N =47

breakpoint: 21882493 – 21882535 sf-2 po-0

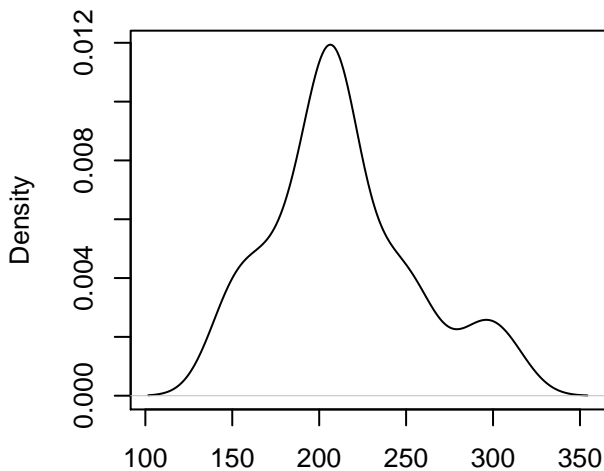
**Bp = 1793 line = MAGIC.183 , Chr = 5**



Insert size, N =51

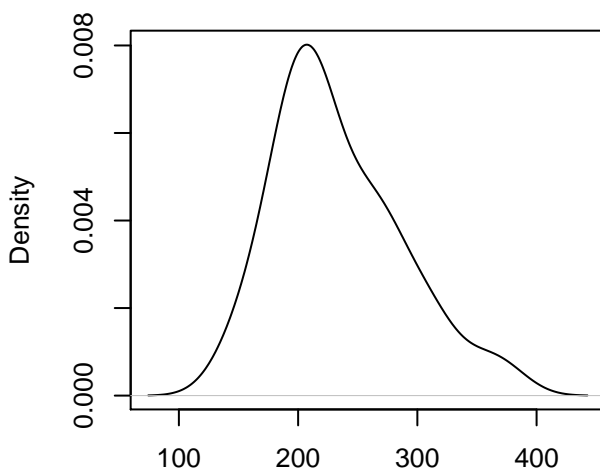
breakpoint: 21937139 – 21937148 po-0 bur-0

**Bp = 1794 line = MAGIC.183 , Chr = 5**



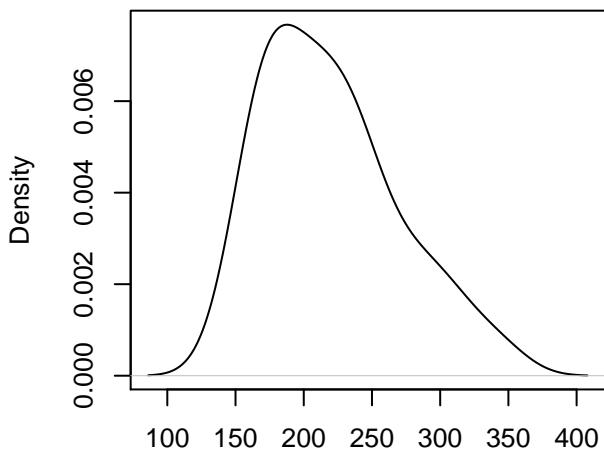
Insert size, N =46  
breakpoint: 21968538 – 21968590 bur-0 rsch-4

**Bp = 1795 line = MAGIC.183 , Chr = 5**



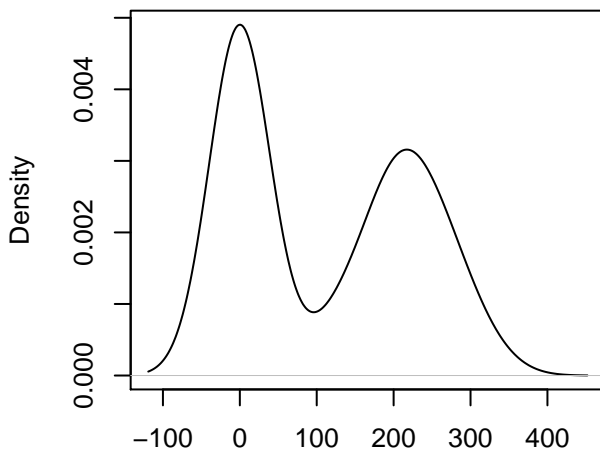
Insert size, N =61  
breakpoint: 22011863 – 22011887 rsch-4 edi-0

**Bp = 1796 line = MAGIC.183 , Chr = 5**



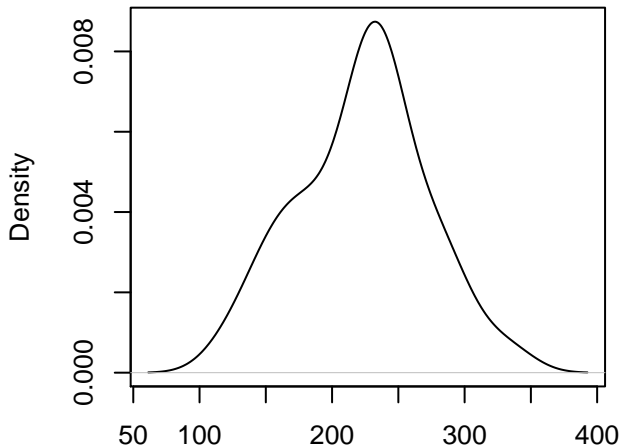
Insert size, N =36  
breakpoint: 22048000 – 22048071 edi-0 zu-0

**Bp = 1797 line = MAGIC.183 , Chr = 5**



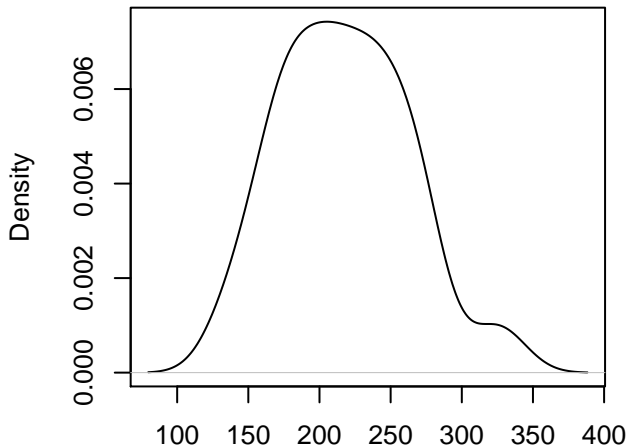
Insert size, N =119  
breakpoint: 22073499 – 22073501 zu-0 wu-0

**Bp = 1798 line = MAGIC.183 , Chr = 5**



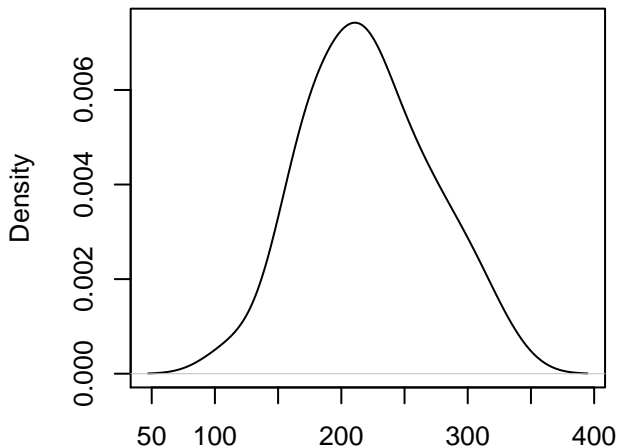
Insert size, N =37  
breakpoint: 22109795 – 22109837 wu-0 edi-0

**Bp = 1799 line = MAGIC.183 , Chr = 5**



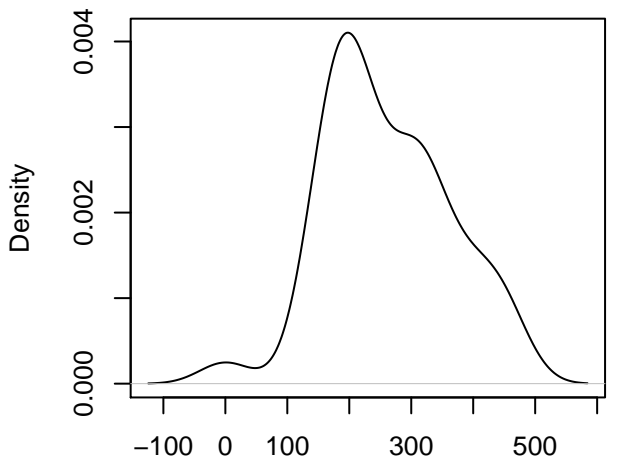
Insert size, N =66  
breakpoint: 22125305 – 22125323 edi-0 no-0

**Bp = 1800 line = MAGIC.183 , Chr = 5**



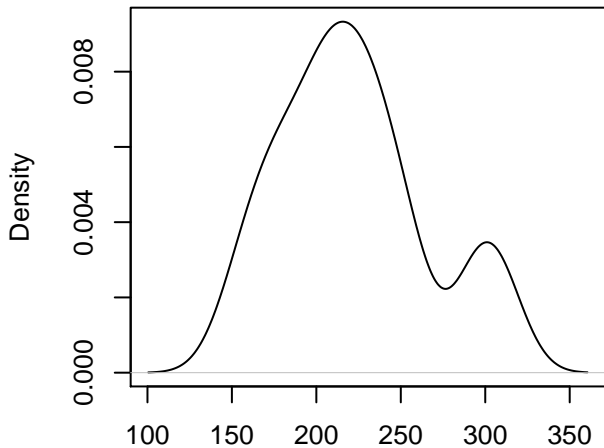
Insert size, N =35  
breakpoint: 22140003 – 22140022 no-0 bur-0

**Bp = 1801 line = MAGIC.183 , Chr = 5**



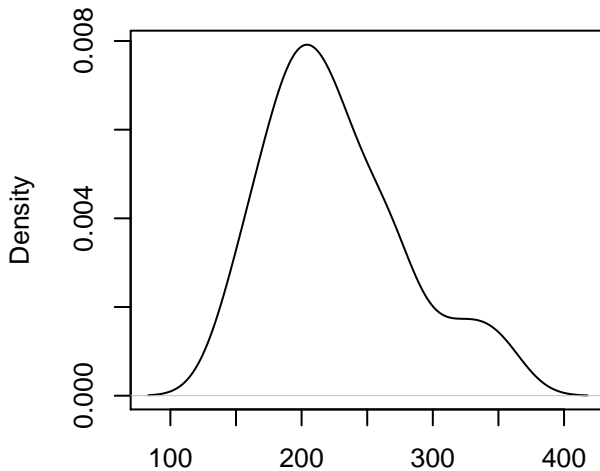
Insert size, N =39  
breakpoint: 22174544 – 22174561 bur-0 oy-0

**Bp = 1802 line = MAGIC.183 , Chr = 5**



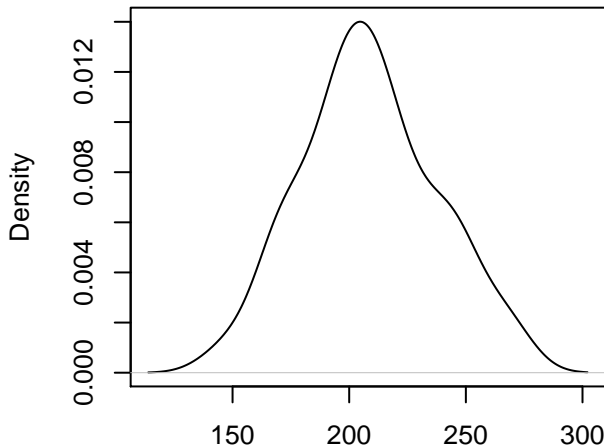
Insert size, N =60  
breakpoint: 22187837 – 22187880 oy-0 zu-0

**Bp = 1803 line = MAGIC.183 , Chr = 5**



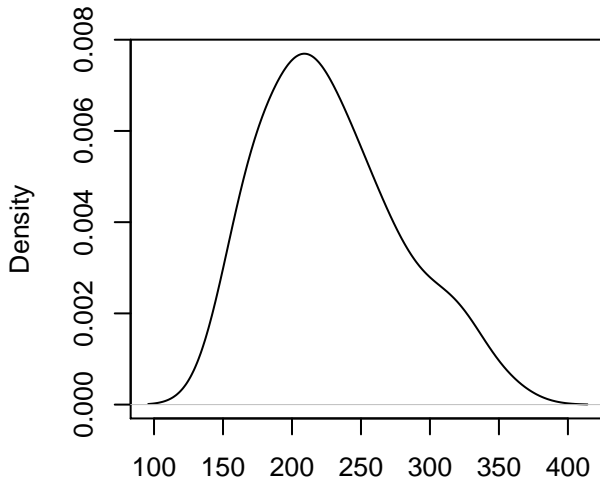
Insert size, N =51  
breakpoint: 22193757 – 22193775 zu-0 can-0

**Bp = 1804 line = MAGIC.183 , Chr = 5**



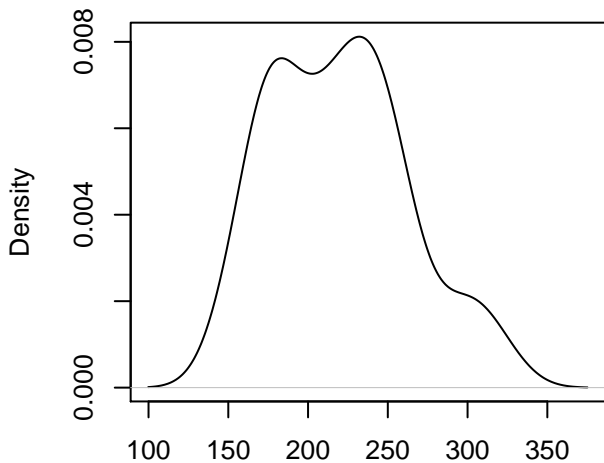
Insert size, N =35  
breakpoint: 22207760 – 22207887 can-0 col-0

**Bp = 1805 line = MAGIC.183 , Chr = 5**



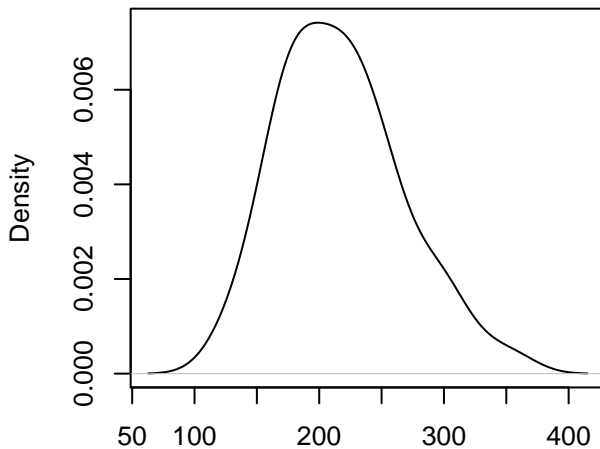
Insert size, N =55  
breakpoint: 22239724 – 22239748 col-0 can-0

**Bp = 1806 line = MAGIC.183 , Chr = 5**



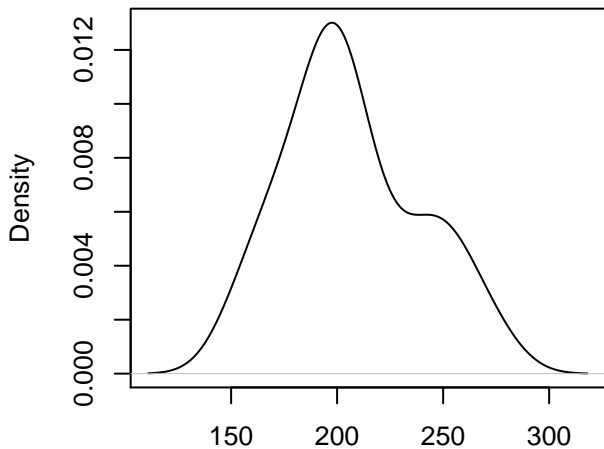
Insert size, N =60  
breakpoint: 22244346 – 22244351 can-0 hi-0

**Bp = 1807 line = MAGIC.183 , Chr = 5**



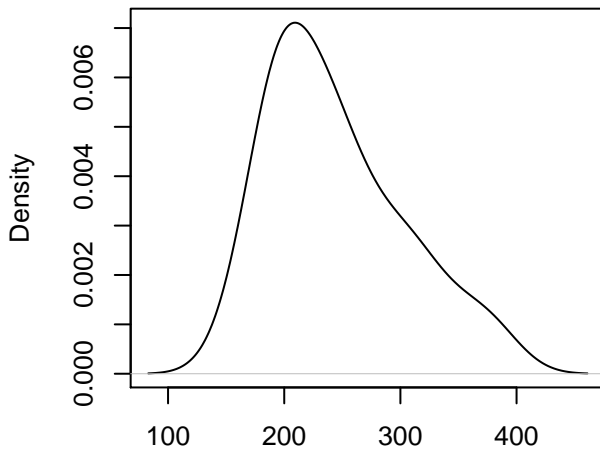
Insert size, N =54  
breakpoint: 22284035 – 22284128 hi-0 po-0

**Bp = 1808 line = MAGIC.183 , Chr = 5**



Insert size, N =47  
breakpoint: 22332499 – 22332614 po-0 tsu-0

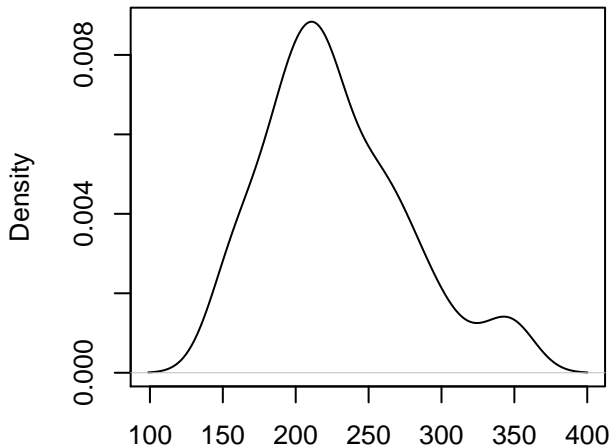
**Bp = 1809 line = MAGIC.183 , Chr = 5**



Insert size, N =31  
breakpoint: 22347052 – 22347087 tsu-0 bur-0

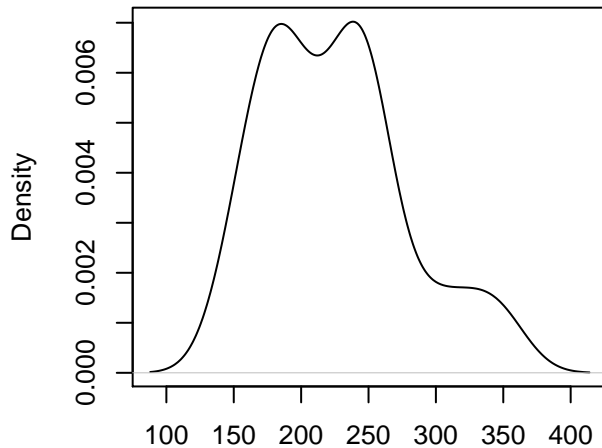


**Bp = 1810 line = MAGIC.183 , Chr = 5**



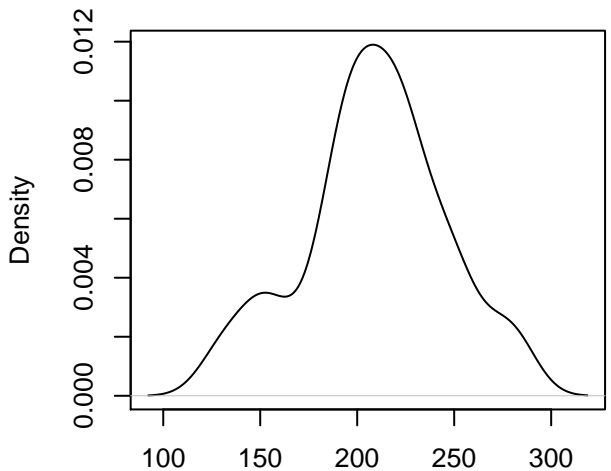
Insert size, N =88  
breakpoint: 22578261 – 22578269 bur-0 zu-0

**Bp = 1811 line = MAGIC.183 , Chr = 5**



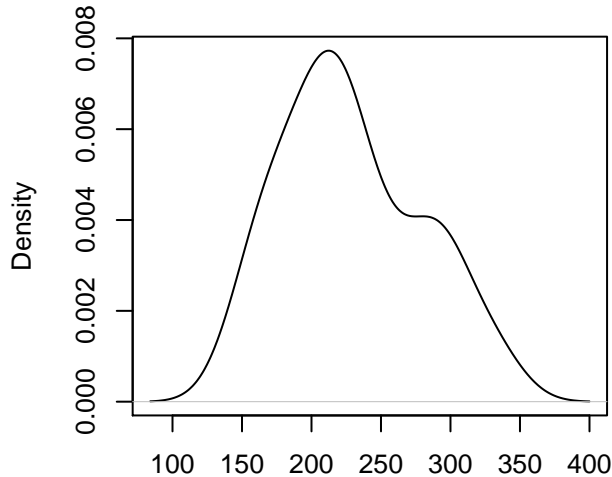
Insert size, N =42  
breakpoint: 22603865 – 22603866 zu-0 mt-0

**Bp = 1812 line = MAGIC.183 , Chr = 5**



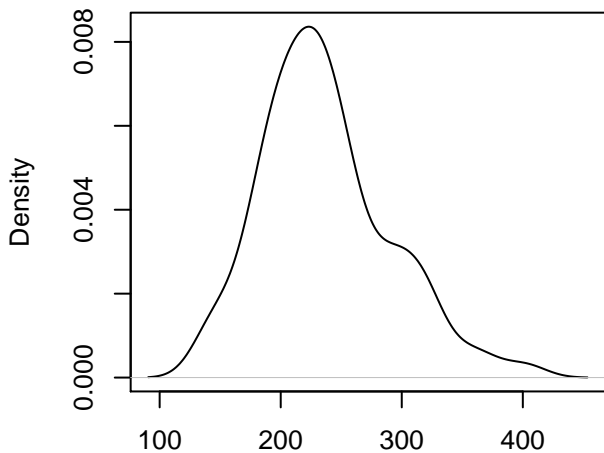
Insert size, N =42  
breakpoint: 22652010 – 22652079 mt-0 wu-0

**Bp = 1813 line = MAGIC.183 , Chr = 5**



Insert size, N =50  
breakpoint: 22702161 – 22702169 wu-0 edi-0

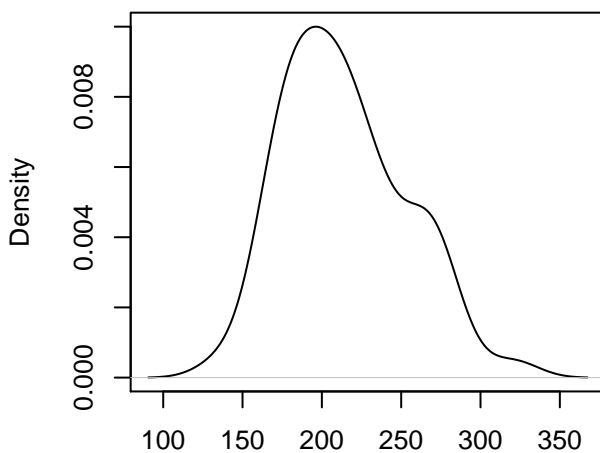
**Bp = 1814 line = MAGIC.183 , Chr = 5**



Insert size, N =78

breakpoint: 22829805 – 22829819 edi-0 can-0

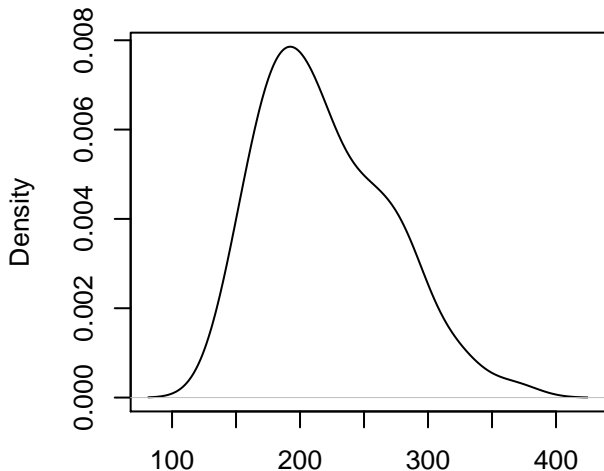
**Bp = 1815 line = MAGIC.183 , Chr = 5**



Insert size, N =55

breakpoint: 22870879 – 22870904 can-0 wil-2

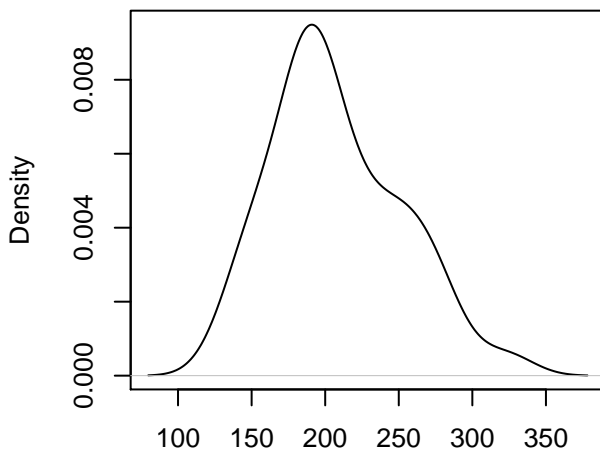
**Bp = 1816 line = MAGIC.183 , Chr = 5**



Insert size, N =71

breakpoint: 22966262 – 22966340 wil-2 col-0

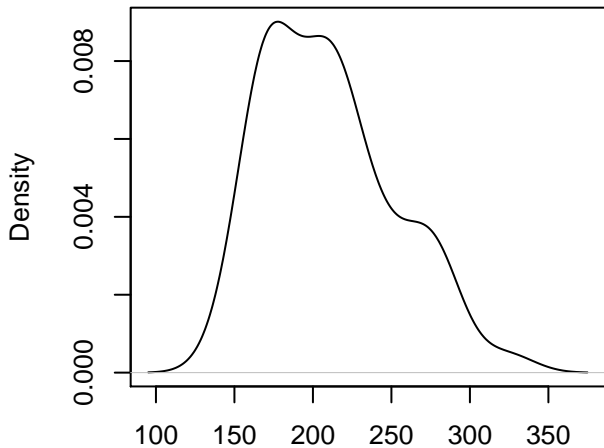
**Bp = 1817 line = MAGIC.183 , Chr = 5**



Insert size, N =38

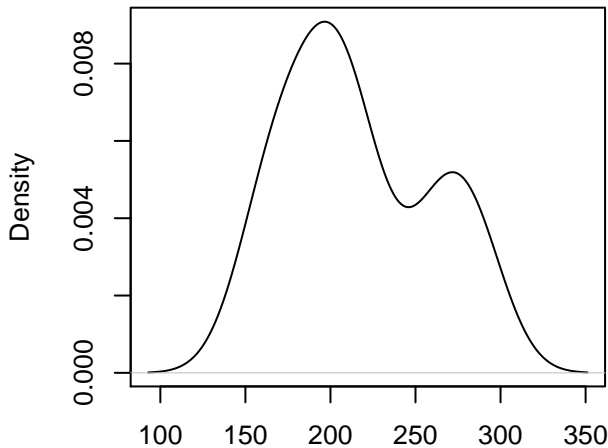
breakpoint: 23103305 – 23103457 col-0 hi-0

**Bp = 1818 line = MAGIC.183 , Chr = 5**



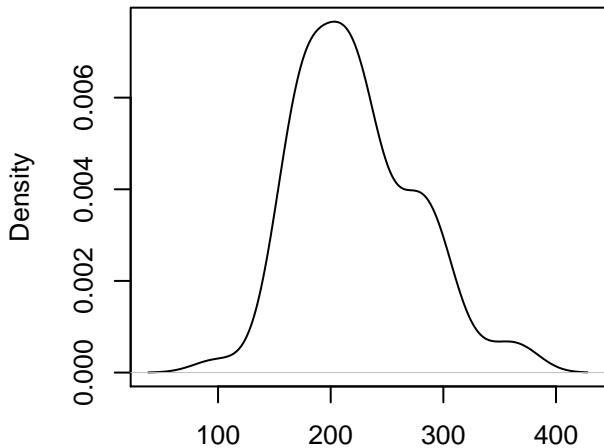
Insert size, N =51  
breakpoint: 23118788 – 23118882 hi-0 bur-0

**Bp = 1819 line = MAGIC.183 , Chr = 5**



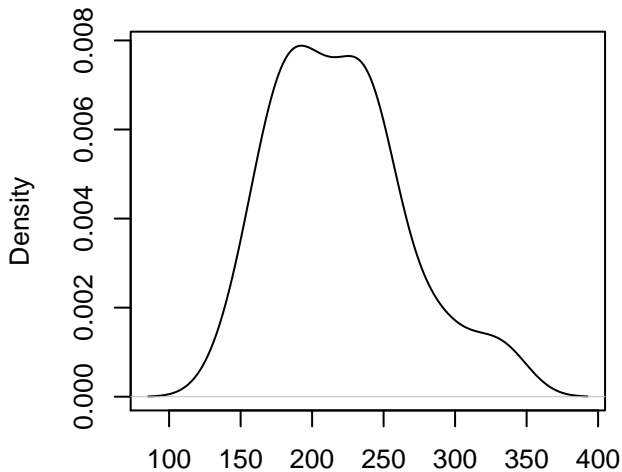
Insert size, N =34  
breakpoint: 23154678 – 23154701 bur-0 col-0

**Bp = 1820 line = MAGIC.183 , Chr = 5**



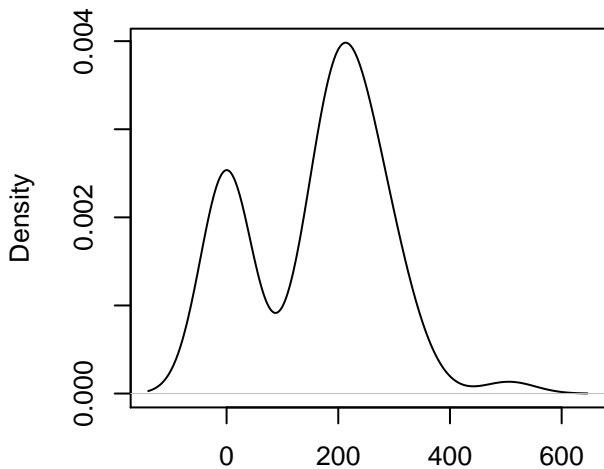
Insert size, N =74  
breakpoint: 23183686 – 23183936 col-0 can-0

**Bp = 1821 line = MAGIC.183 , Chr = 5**



Insert size, N =49  
breakpoint: 23255146 – 23255148 can-0 col-0

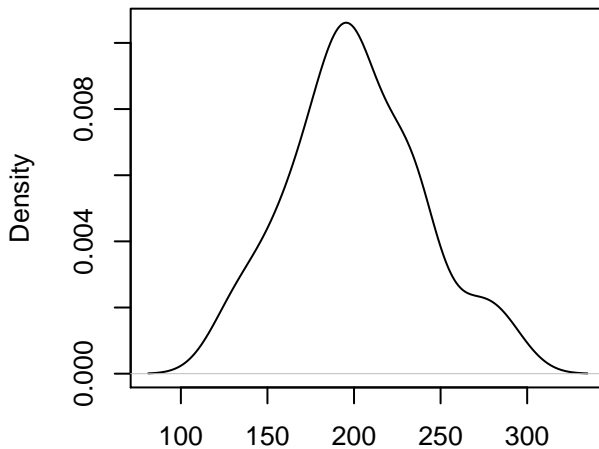
**Bp = 1822 line = MAGIC.183 , Chr = 5**



Insert size, N =64

breakpoint: 23310600 – 23310649 col-0 can-0

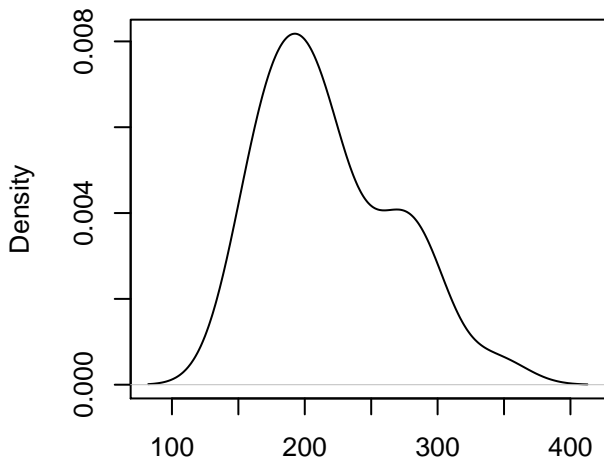
**Bp = 1823 line = MAGIC.183 , Chr = 5**



Insert size, N =42

breakpoint: 23355657 – 23355668 can-0 sf-2

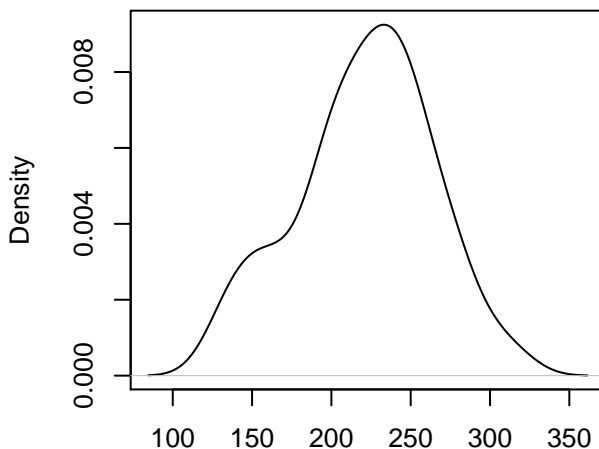
**Bp = 1824 line = MAGIC.183 , Chr = 5**



Insert size, N =30

breakpoint: 23474448 – 23474490 sf-2 mt-0

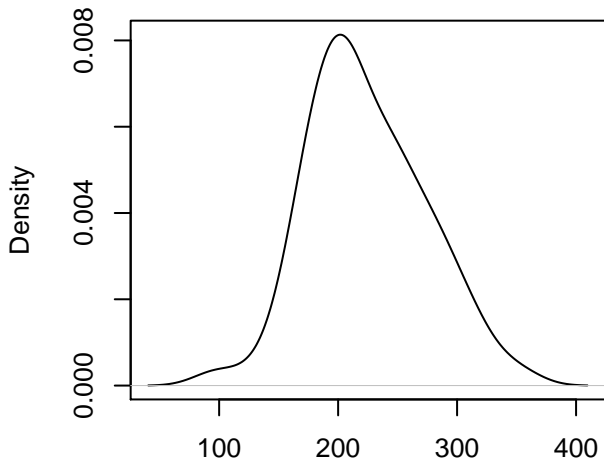
**Bp = 1825 line = MAGIC.183 , Chr = 5**



Insert size, N =53

breakpoint: 23501614 – 23501690 mt-0 ler-0

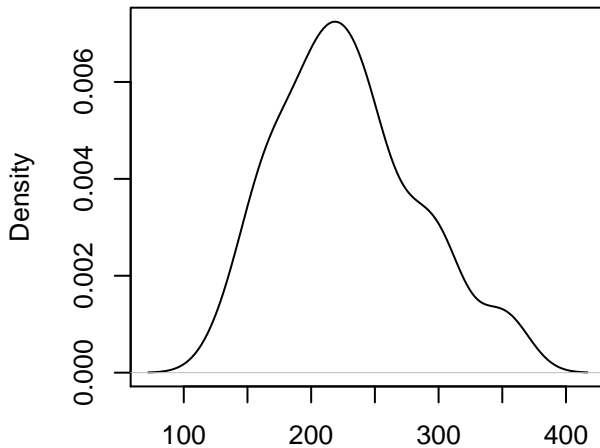
**Bp = 1826 line = MAGIC.183 , Chr = 5**



Insert size, N =64

breakpoint: 23520475 – 23520486 ler-0 can-0

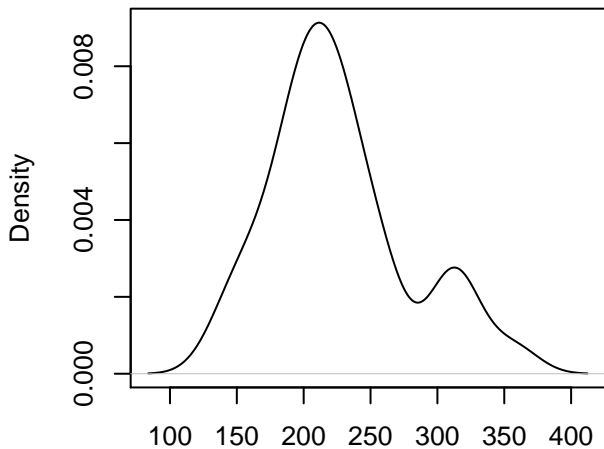
**Bp = 1827 line = MAGIC.183 , Chr = 5**



Insert size, N =66

breakpoint: 23772222 – 23772274 can-0 ler-0

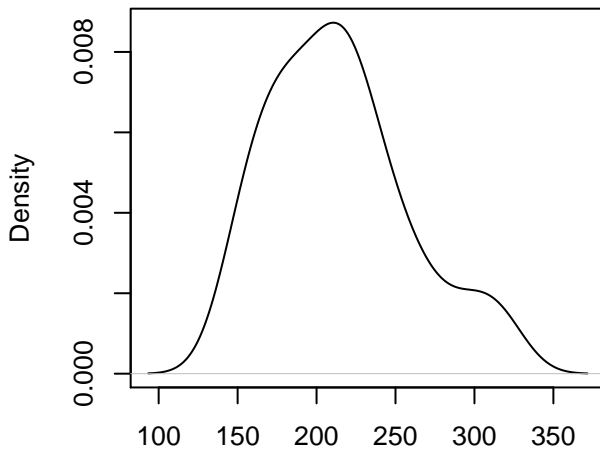
**Bp = 1828 line = MAGIC.183 , Chr = 5**



Insert size, N =31

breakpoint: 23835200 – 23835388 ler-0 rsch-4

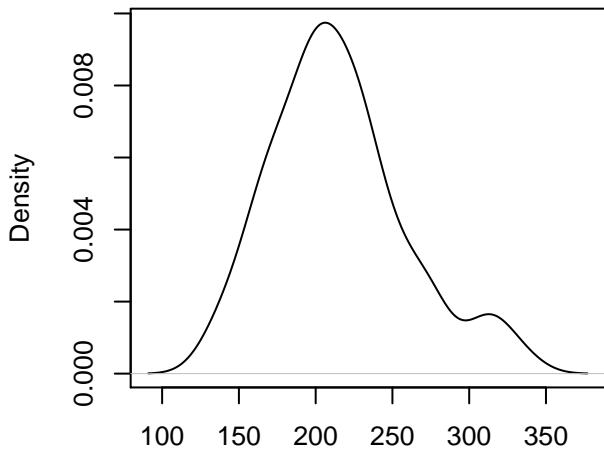
**Bp = 1829 line = MAGIC.183 , Chr = 5**



Insert size, N =68

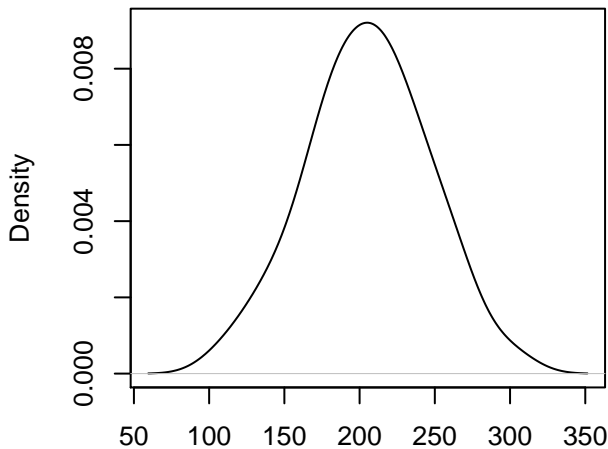
breakpoint: 23866810 – 23866888 rsch-4 no-0

**Bp = 1830 line = MAGIC.183 , Chr = 5**



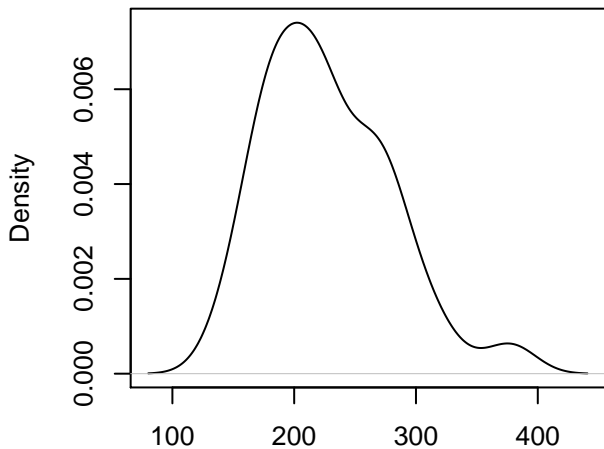
Insert size, N =58  
breakpoint: 23902294 – 23902305 no-0 sf-2

**Bp = 1831 line = MAGIC.183 , Chr = 5**



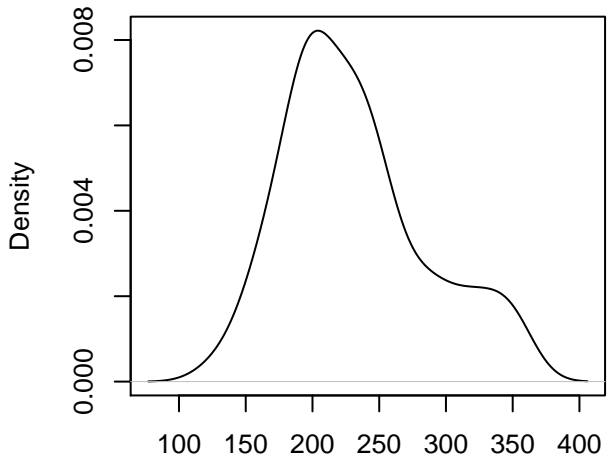
Insert size, N =57  
breakpoint: 23943970 – 23944111 sf-2 edi-0

**Bp = 1832 line = MAGIC.183 , Chr = 5**



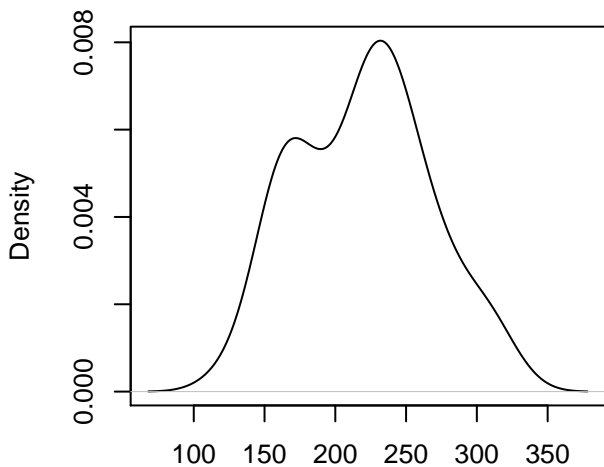
Insert size, N =63  
breakpoint: 24010325 – 24010598 edi-0 ler-0

**Bp = 1833 line = MAGIC.183 , Chr = 5**



Insert size, N =59  
breakpoint: 24016638 – 24016644 ler-0 bur-0

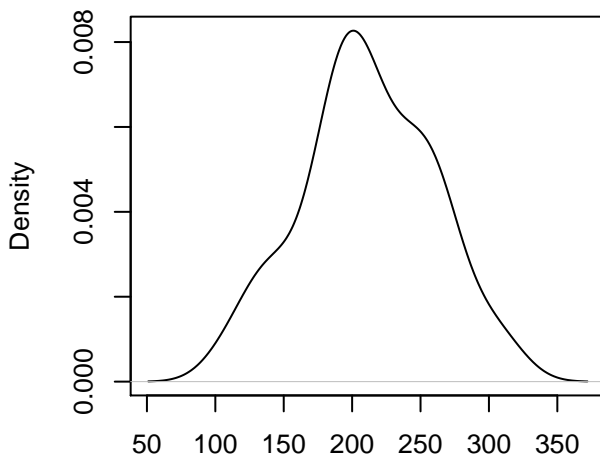
**Bp = 1834 line = MAGIC.183 , Chr = 5**



Insert size, N =64

breakpoint: 24055107 – 24055109 bur-0 ws-0

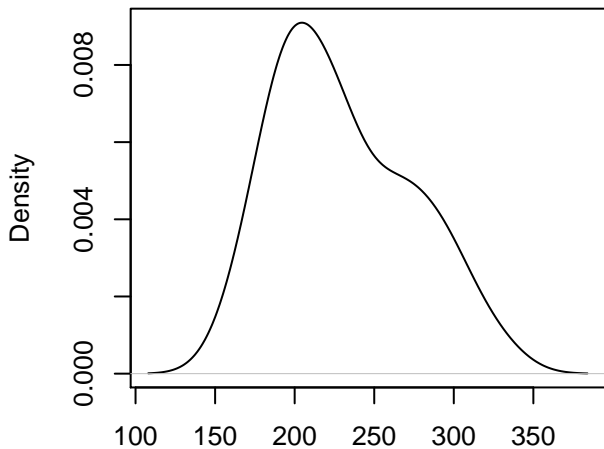
**Bp = 1835 line = MAGIC.183 , Chr = 5**



Insert size, N =64

breakpoint: 24069142 – 24069182 ws-0 oy-0

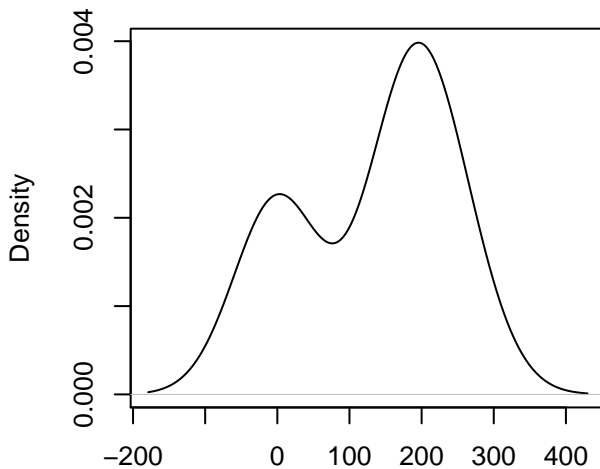
**Bp = 1836 line = MAGIC.183 , Chr = 5**



Insert size, N =45

breakpoint: 24089542 – 24089548 oy-0 kn-0

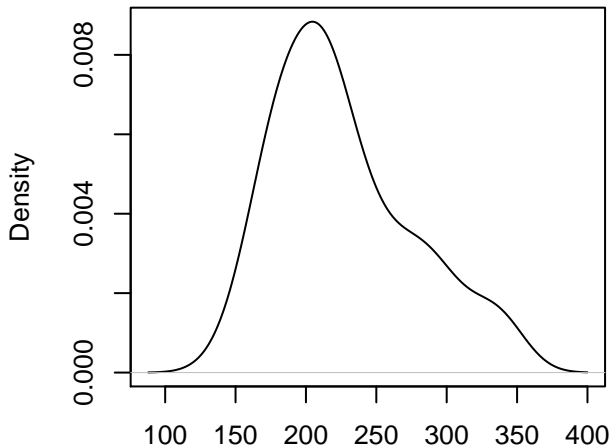
**Bp = 1837 line = MAGIC.183 , Chr = 5**



Insert size, N =9

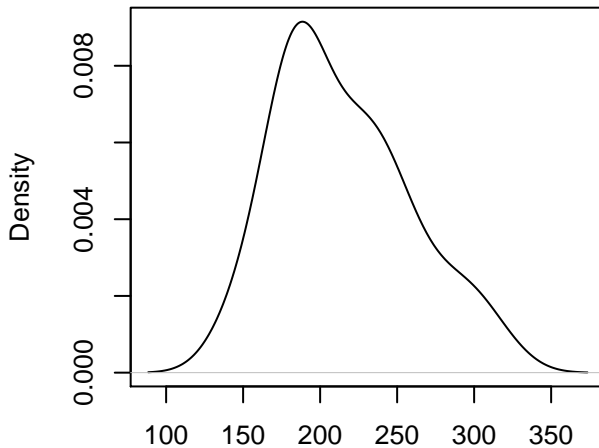
breakpoint: 24118548 – 24118606 kn-0 bur-0

**Bp = 1838 line = MAGIC.183 , Chr = 5**



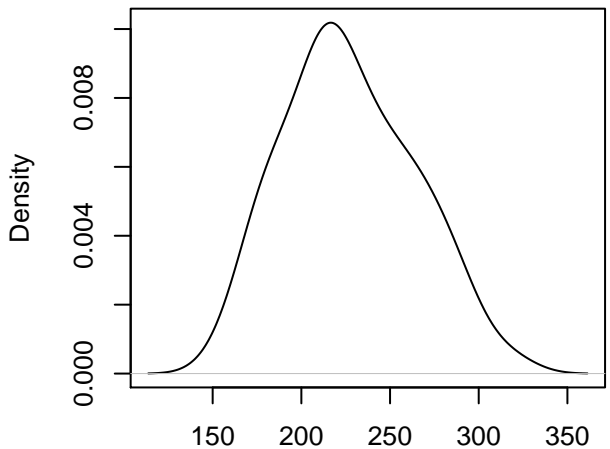
Insert size, N =82  
breakpoint: 24162132 – 24162168 bur-0 zu-0

**Bp = 1839 line = MAGIC.183 , Chr = 5**



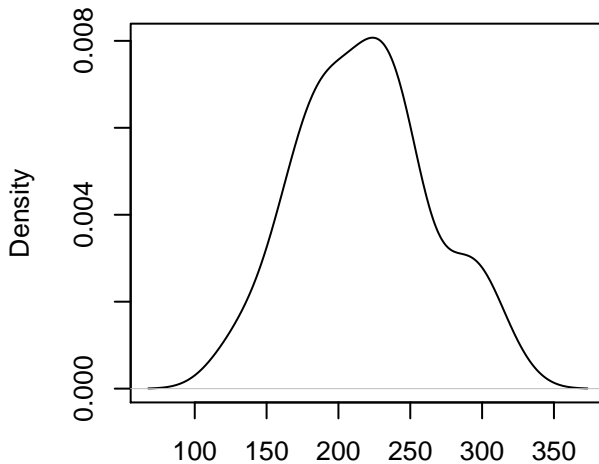
Insert size, N =41  
breakpoint: 24201027 – 24201242 zu-0 edi-0

**Bp = 1840 line = MAGIC.183 , Chr = 5**



Insert size, N =70  
breakpoint: 24275341 – 24275571 edi-0 wu-0

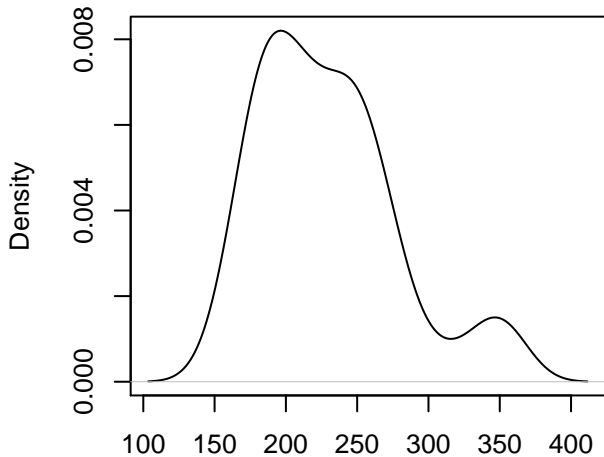
**Bp = 1841 line = MAGIC.183 , Chr = 5**



Insert size, N =61  
breakpoint: 24290781 – 24290880 wu-0 bur-0

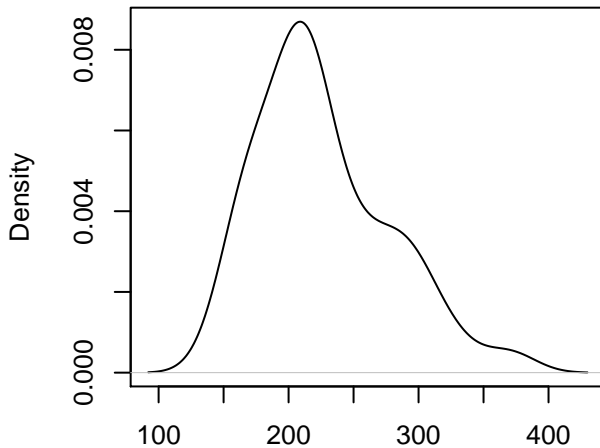


**Bp = 1842 line = MAGIC.183 , Chr = 5**



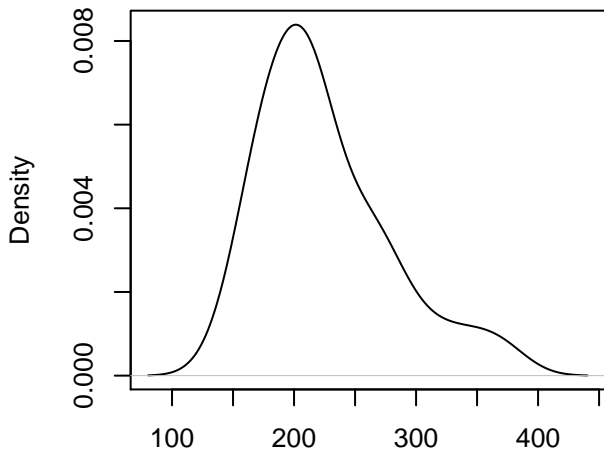
Insert size, N =54  
breakpoint: 24333913 – 24333932 bur-0 rsch-4

**Bp = 1843 line = MAGIC.183 , Chr = 5**



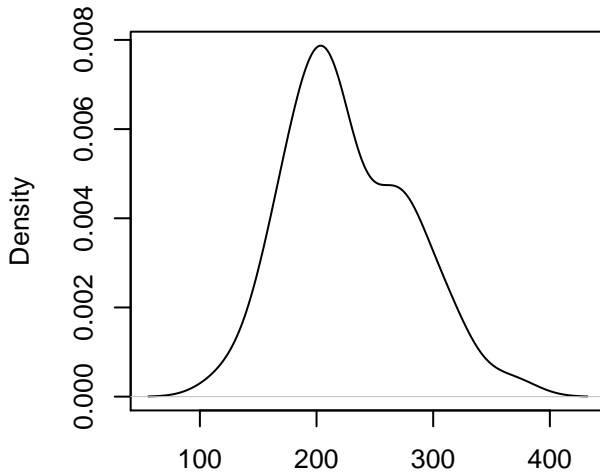
Insert size, N =40  
breakpoint: 24375886 – 24376022 rsch-4 sf-2

**Bp = 1844 line = MAGIC.183 , Chr = 5**



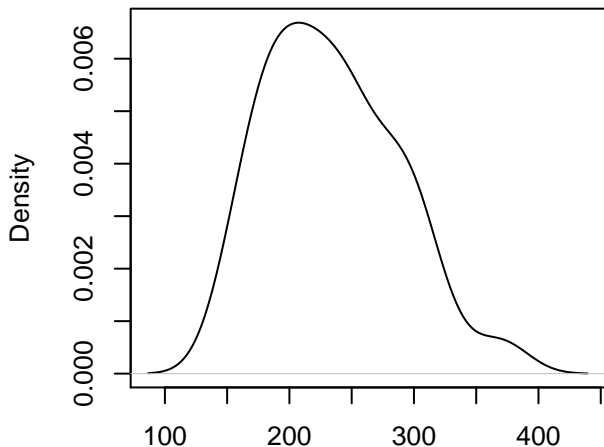
Insert size, N =45  
breakpoint: 24385847 – 24385975 sf-2 bur-0

**Bp = 1845 line = MAGIC.183 , Chr = 5**



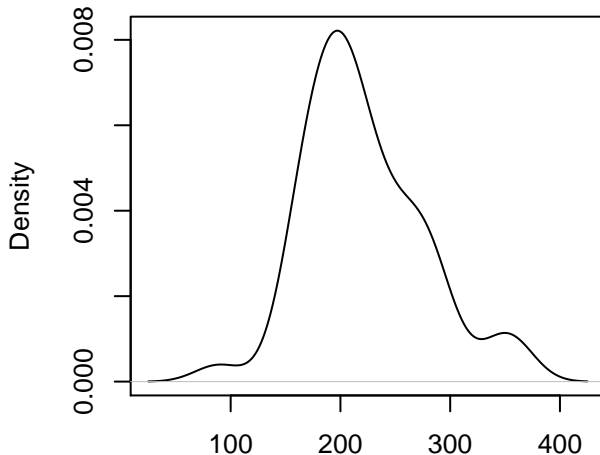
Insert size, N =47  
breakpoint: 24434824 – 24434942 bur-0 oy-0

**Bp = 1846 line = MAGIC.183 , Chr = 5**



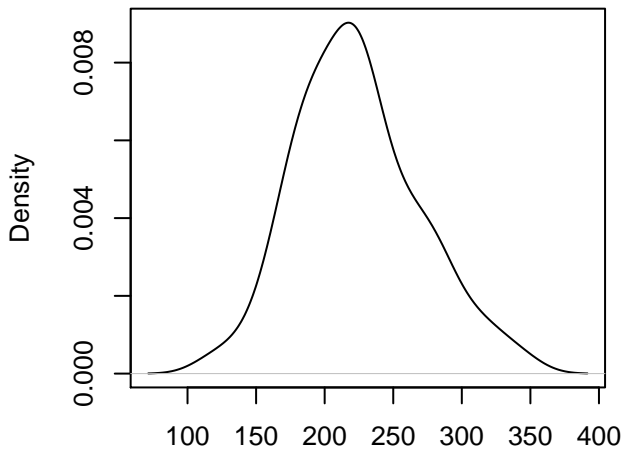
Insert size, N =59  
breakpoint: 24500080 – 24500267 oy-0 wu-0

**Bp = 1847 line = MAGIC.183 , Chr = 5**



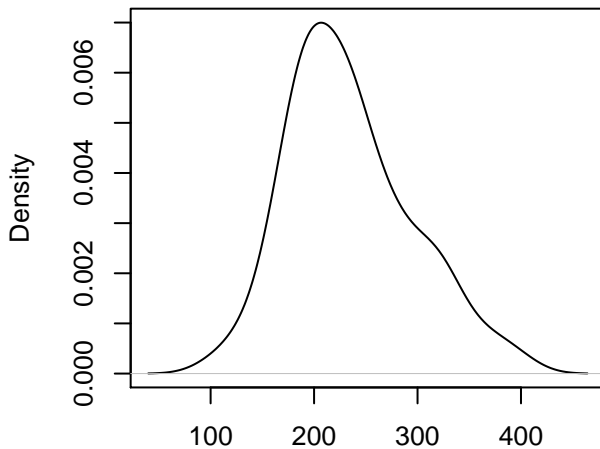
Insert size, N =48  
breakpoint: 24694109 – 24694159 wu-0 bur-0

**Bp = 1848 line = MAGIC.183 , Chr = 5**



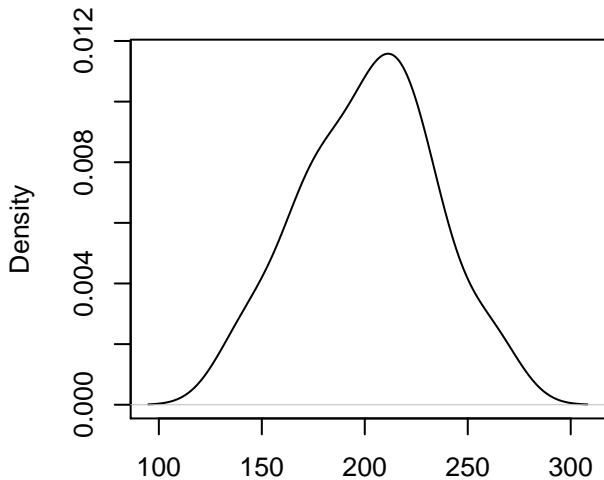
Insert size, N =58  
breakpoint: 24803024 – 24803217 bur-0 rsch-4

**Bp = 1849 line = MAGIC.183 , Chr = 5**



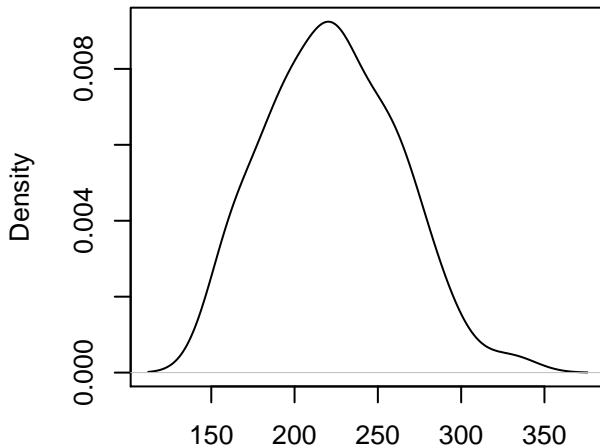
Insert size, N =68  
breakpoint: 24886460 – 24886912 rsch-4 ct-1

**Bp = 1850 line = MAGIC.183 , Chr = 5**



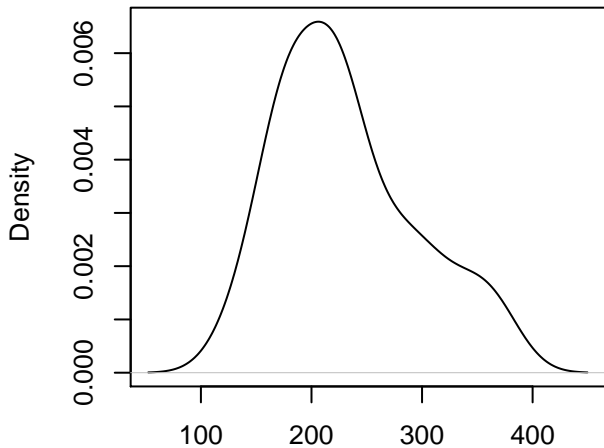
Insert size, N =42  
breakpoint: 24908731 – 24908768 ct-1 edi-0

**Bp = 1851 line = MAGIC.183 , Chr = 5**



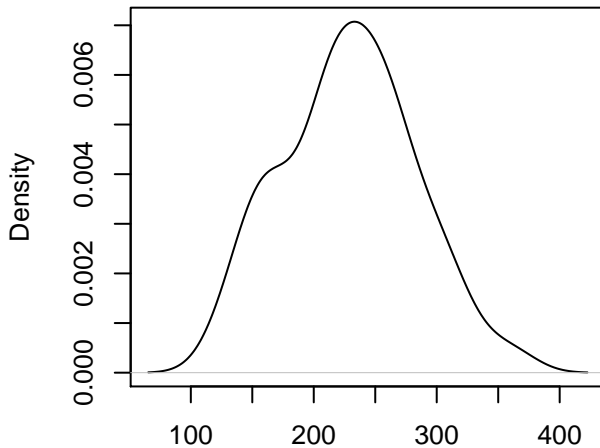
Insert size, N =62  
breakpoint: 24971670 – 24971769 edi-0 can-0

**Bp = 1852 line = MAGIC.183 , Chr = 5**



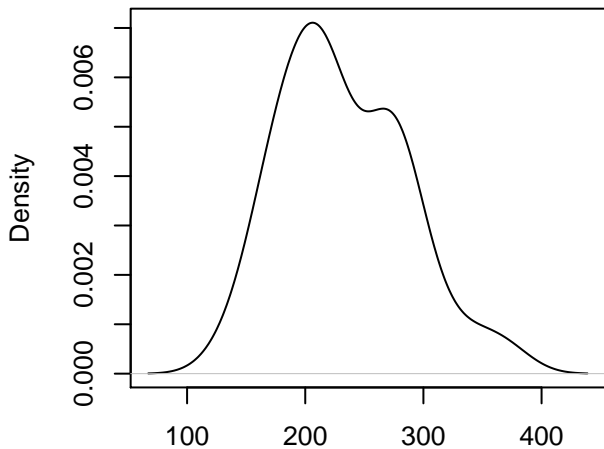
Insert size, N =57  
breakpoint: 24991811 – 24991871 can-0 edi-0

**Bp = 1853 line = MAGIC.183 , Chr = 5**



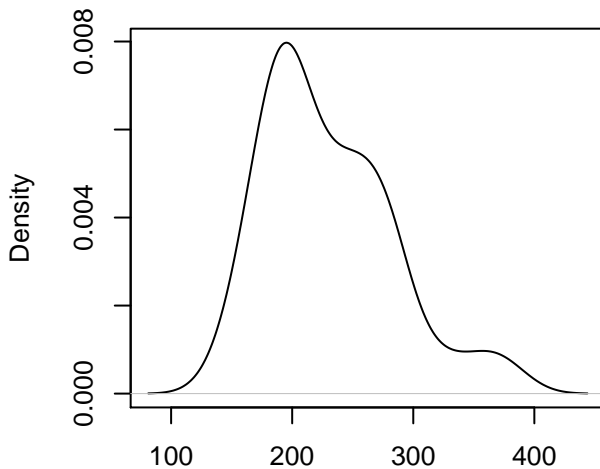
Insert size, N =44  
breakpoint: 25028285 – 25028290 edi-0 zu-0

**Bp = 1854 line = MAGIC.183 , Chr = 5**



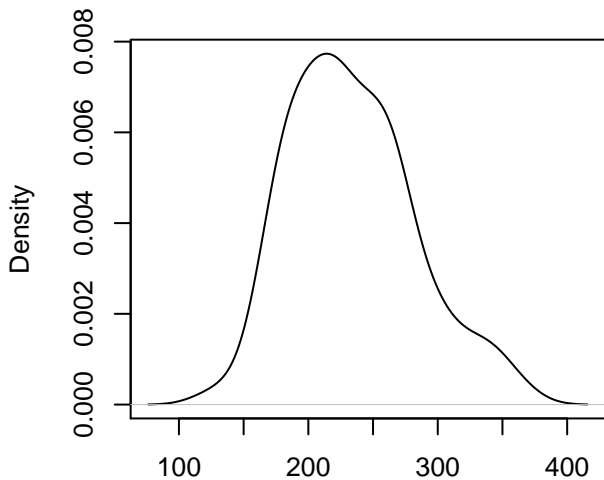
Insert size, N =46  
breakpoint: 25034700 – 25034736 zu-0 sf-2

**Bp = 1855 line = MAGIC.183 , Chr = 5**



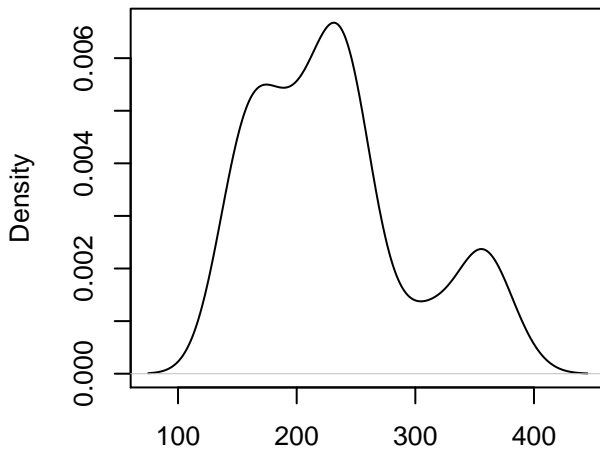
Insert size, N =62  
breakpoint: 25066881 – 25066884 sf-2 no-0

**Bp = 1856 line = MAGIC.183 , Chr = 5**



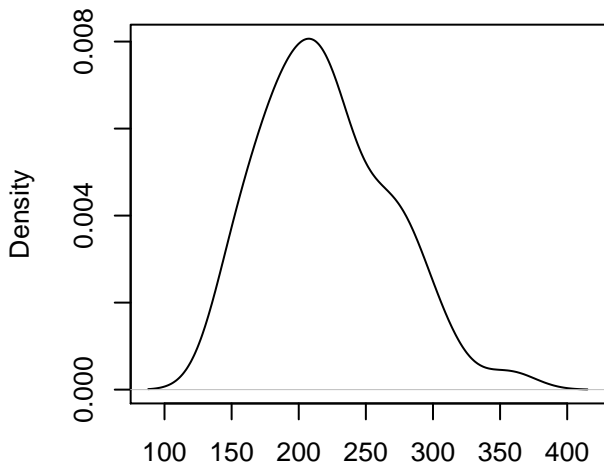
Insert size, N =81  
breakpoint: 25166412 – 25166418 no-0 kn-0

**Bp = 1857 line = MAGIC.183 , Chr = 5**



Insert size, N =45  
breakpoint: 25192749 – 25192772 kn-0 bur-0

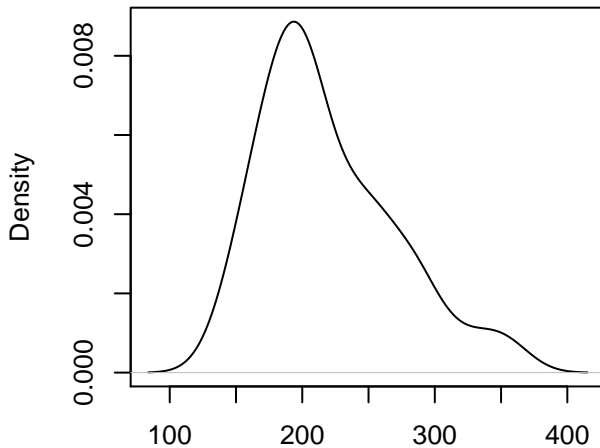
**Bp = 1858 line = MAGIC.183 , Chr = 5**



Insert size, N =51

breakpoint: 25217474 – 25217567 bur-0 rsch-4

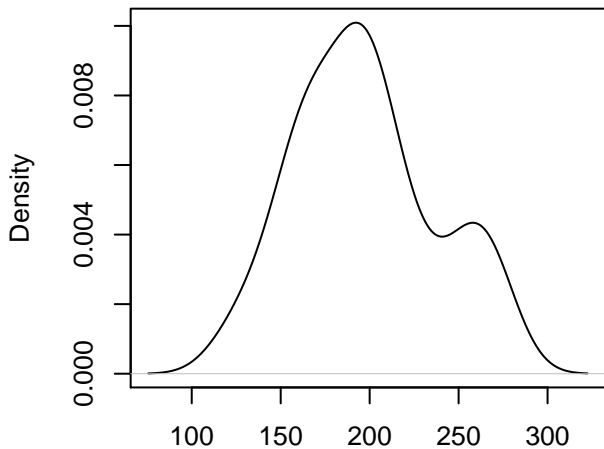
**Bp = 1859 line = MAGIC.183 , Chr = 5**



Insert size, N =72

breakpoint: 25297897 – 25297965 rsch-4 edi-0

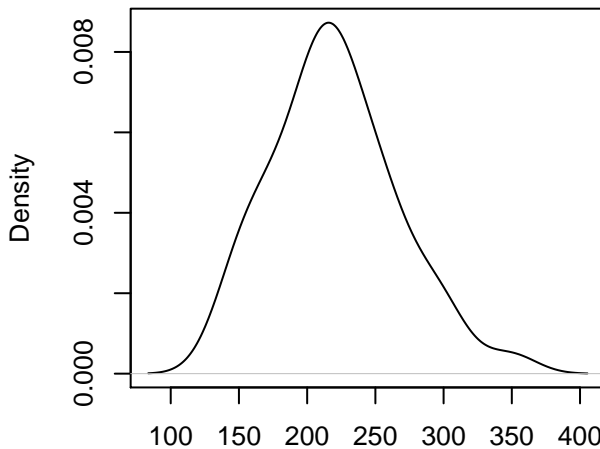
**Bp = 1860 line = MAGIC.183 , Chr = 5**



Insert size, N =53

breakpoint: 25303519 – 25303544 edi-0 sf-2

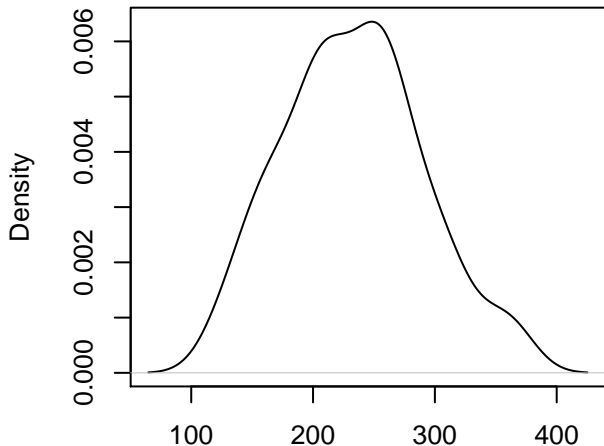
**Bp = 1861 line = MAGIC.183 , Chr = 5**



Insert size, N =44

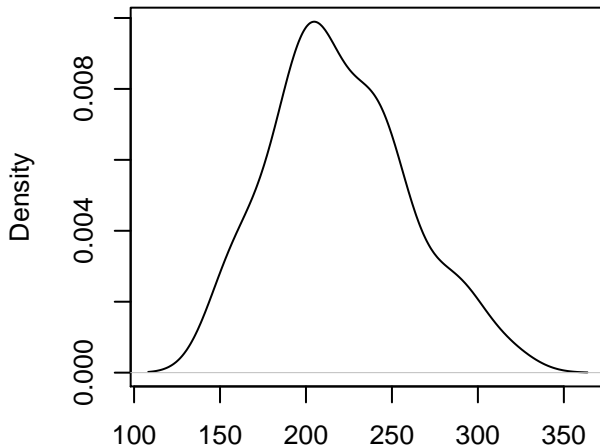
breakpoint: 25357395 – 25357405 sf-2 zu-0

**Bp = 1862 line = MAGIC.183 , Chr = 5**



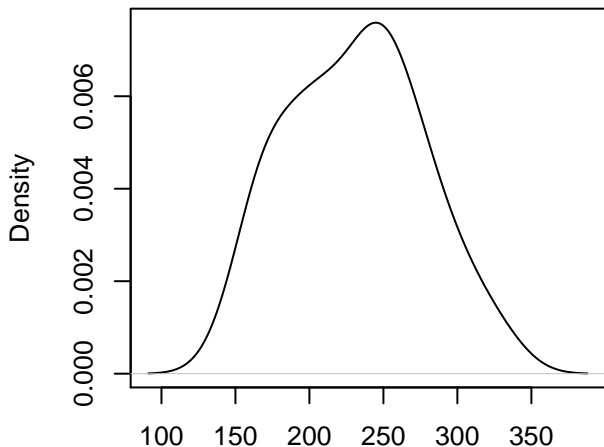
Insert size, N =41  
breakpoint: 25400028 – 25400061 zu-0 ler-0

**Bp = 1863 line = MAGIC.183 , Chr = 5**



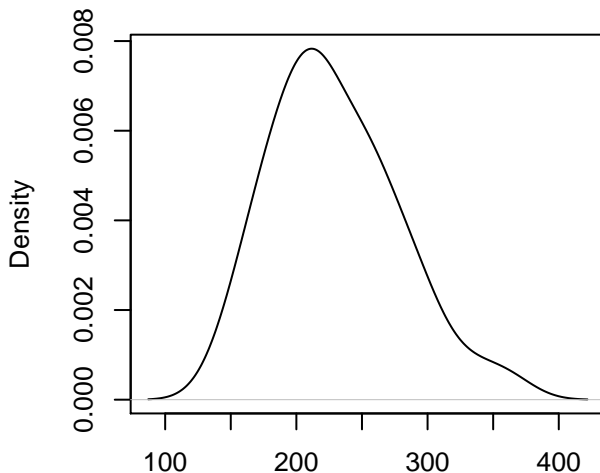
Insert size, N =48  
breakpoint: 25435806 – 25435860 ler-0 bur-0

**Bp = 1864 line = MAGIC.183 , Chr = 5**



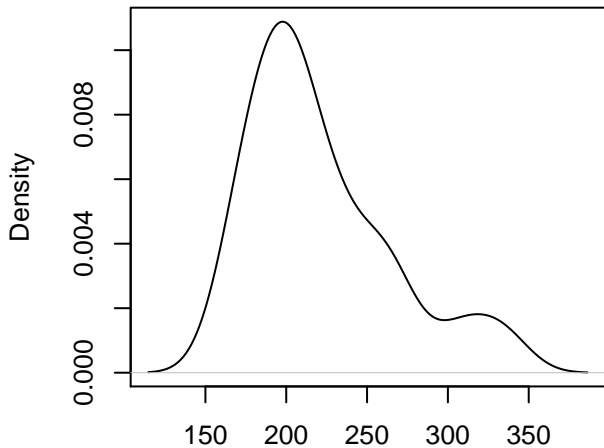
Insert size, N =47  
breakpoint: 25645745 – 25645899 bur-0 rsch-4

**Bp = 1865 line = MAGIC.183 , Chr = 5**



Insert size, N =40  
breakpoint: 25703863 – 25703908 rsch-4 tsu-0

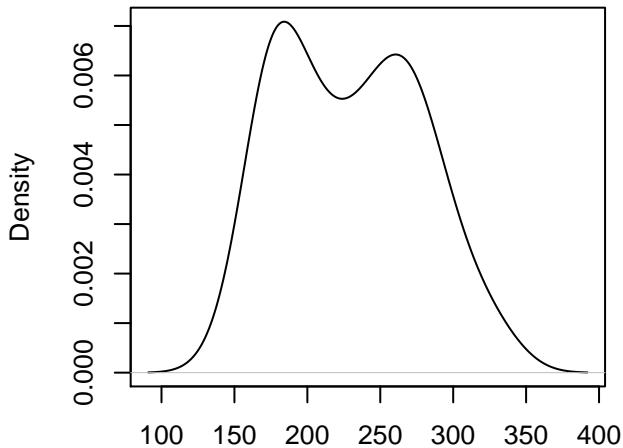
**Bp = 1866 line = MAGIC.183 , Chr = 5**



Insert size, N =39

breakpoint: 25756540 – 25756684 tsu-0 wu-0

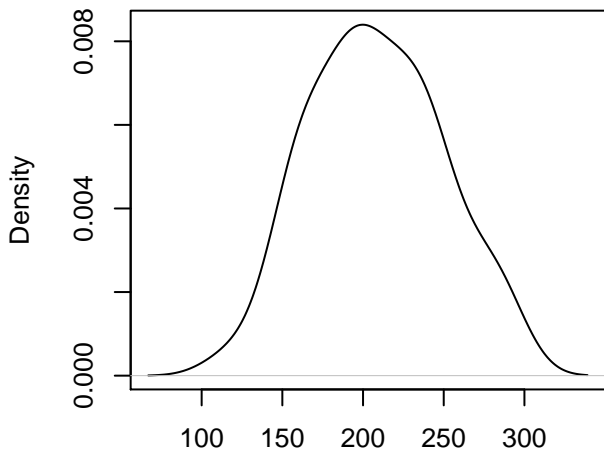
**Bp = 1867 line = MAGIC.183 , Chr = 5**



Insert size, N =60

breakpoint: 25778229 – 25778695 wu-0 ler-0

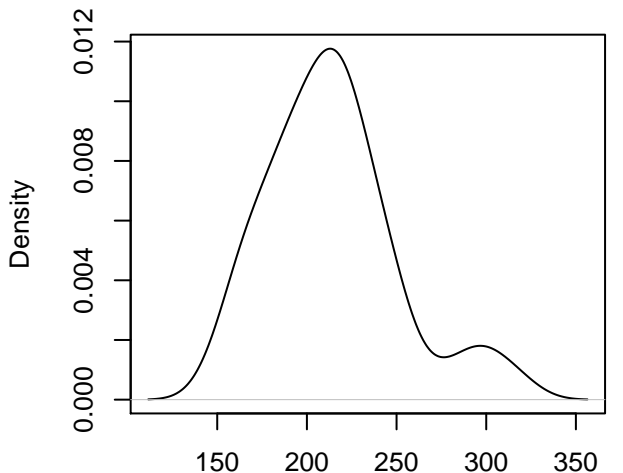
**Bp = 1868 line = MAGIC.183 , Chr = 5**



Insert size, N =52

breakpoint: 25830990 – 25831024 ler-0 hi-0

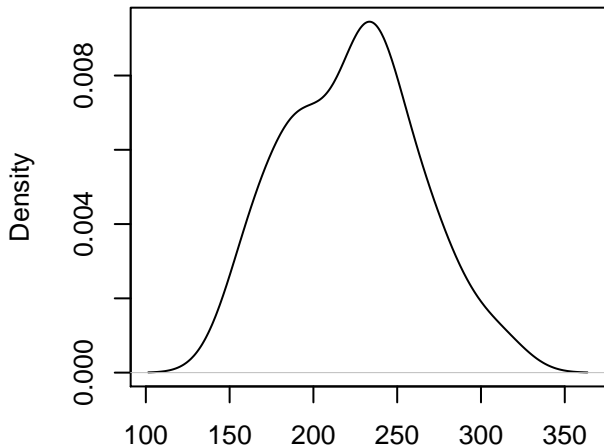
**Bp = 1869 line = MAGIC.183 , Chr = 5**



Insert size, N =45

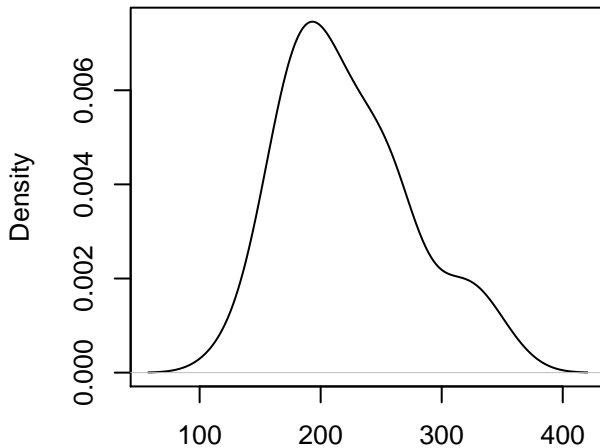
breakpoint: 25844488 – 25844502 hi-0 ler-0

**Bp = 1870 line = MAGIC.183 , Chr = 5**



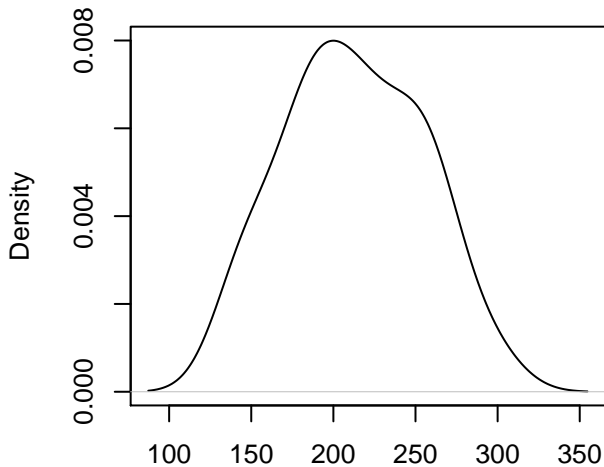
Insert size, N =62  
breakpoint: 25853988 – 25854011 ler-0 mt-0

**Bp = 1871 line = MAGIC.183 , Chr = 5**



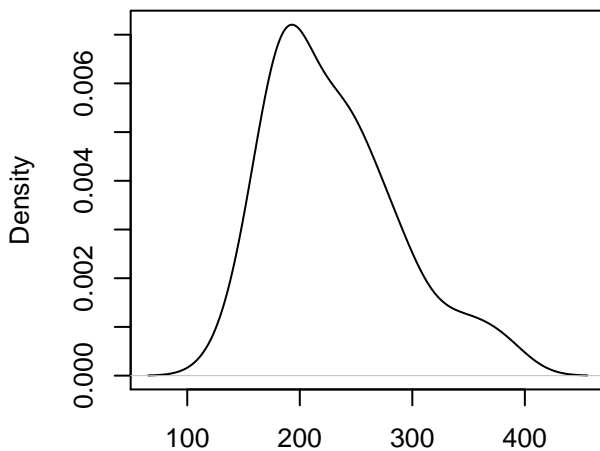
Insert size, N =45  
breakpoint: 25889219 – 25889329 mt-0 col-0

**Bp = 1872 line = MAGIC.183 , Chr = 5**



Insert size, N =31  
breakpoint: 26029027 – 26029126 col-0 rsch-4

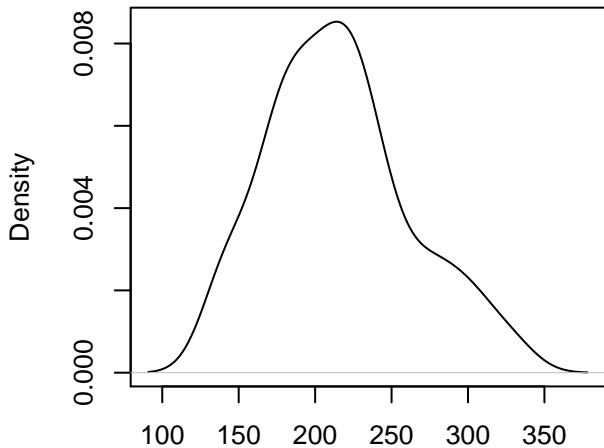
**Bp = 1873 line = MAGIC.183 , Chr = 5**



Insert size, N =51  
breakpoint: 26043373 – 26043396 rsch-4 edi-0

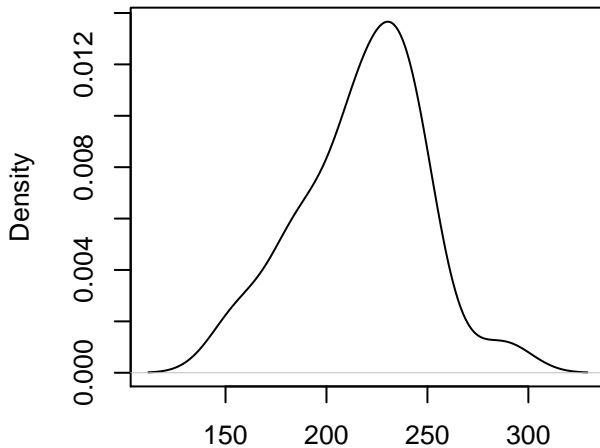


**Bp = 1874 line = MAGIC.183 , Chr = 5**



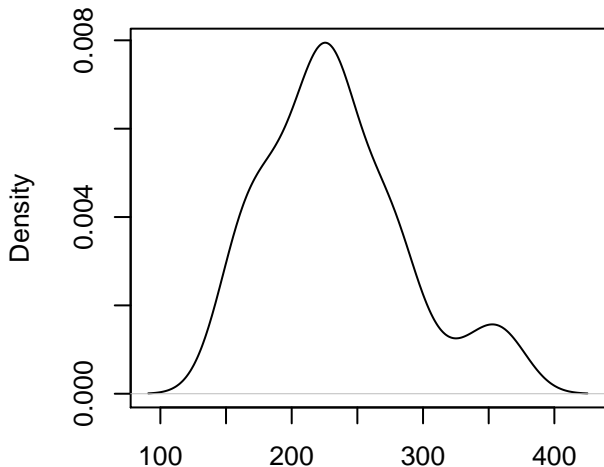
Insert size, N =77  
breakpoint: 26227001 – 26227025 edi-0 po-0

**Bp = 1875 line = MAGIC.183 , Chr = 5**



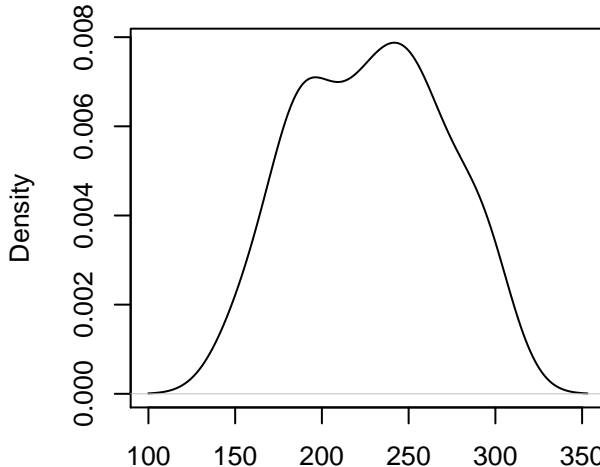
Insert size, N =25  
breakpoint: 26368832 – 26368852 po-0 ct-1

**Bp = 1876 line = MAGIC.183 , Chr = 5**



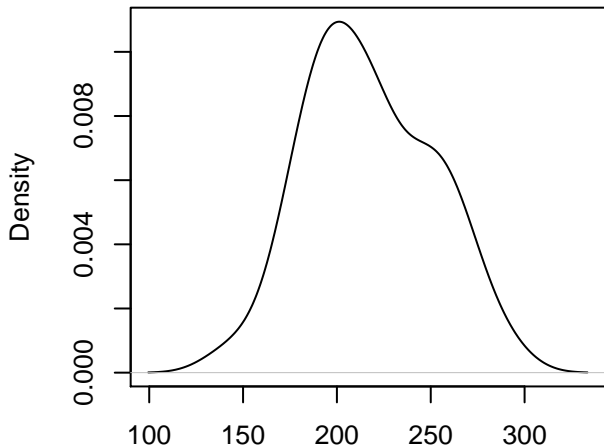
Insert size, N =56  
breakpoint: 26373446 – 26373467 ct-1 col-0

**Bp = 1877 line = MAGIC.183 , Chr = 5**



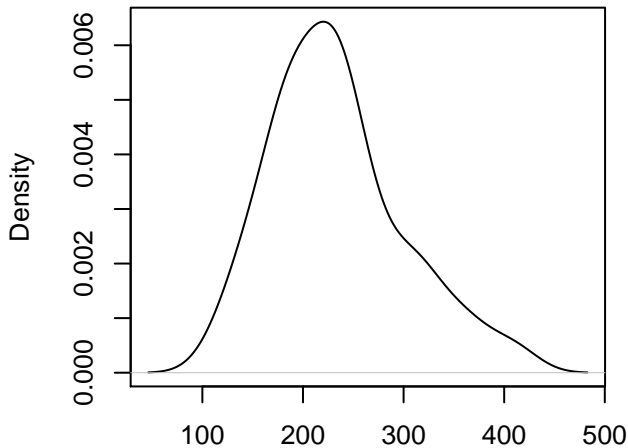
Insert size, N =55  
breakpoint: 26399318 – 26399331 col-0 bur-0

**Bp = 1878 line = MAGIC.183 , Chr = 5**



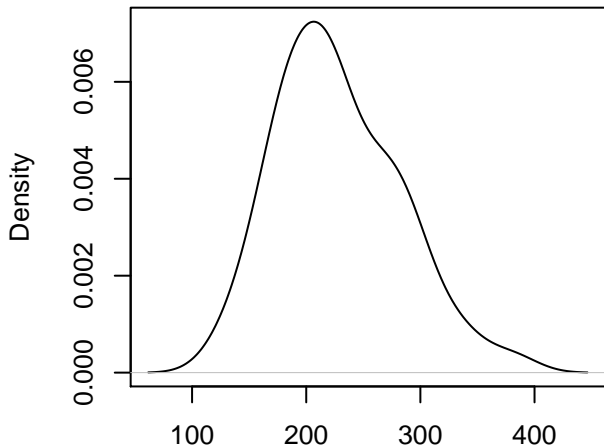
Insert size, N =45  
breakpoint: 26462753 – 26462798 bur-0 rsch-4

**Bp = 1879 line = MAGIC.183 , Chr = 5**



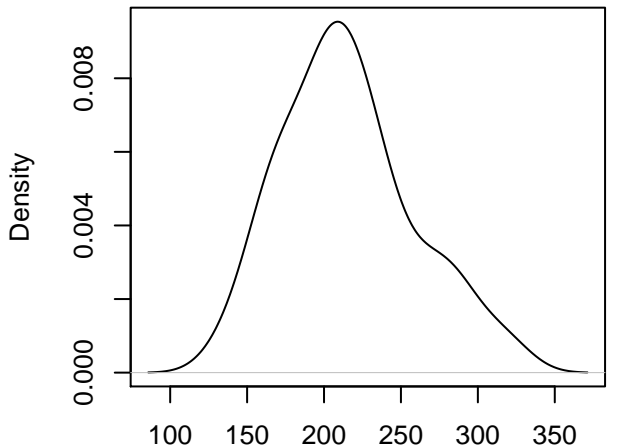
Insert size, N =36  
breakpoint: 26498066 – 26498104 rsch-4 edi-0

**Bp = 1880 line = MAGIC.183 , Chr = 5**



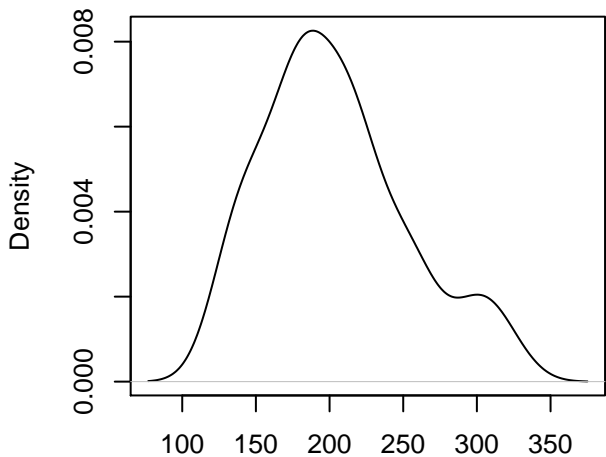
Insert size, N =51  
breakpoint: 26657650 – 26657696 edi-0 ws-0

**Bp = 1881 line = MAGIC.183 , Chr = 5**



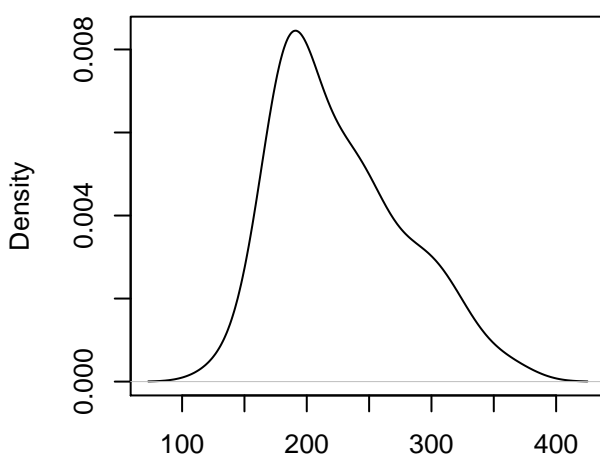
Insert size, N =53  
breakpoint: 26694388 – 26694442 ws-0 hi-0

**Bp = 1882 line = MAGIC.183 , Chr = 5**



Insert size, N =62  
breakpoint: 26726822 – 26726968 hi-0 col-0

**Bp = 1883 line = MAGIC.183 , Chr = 5**



Insert size, N =50  
breakpoint: 26916179 – 26916197 col-0 mt-0