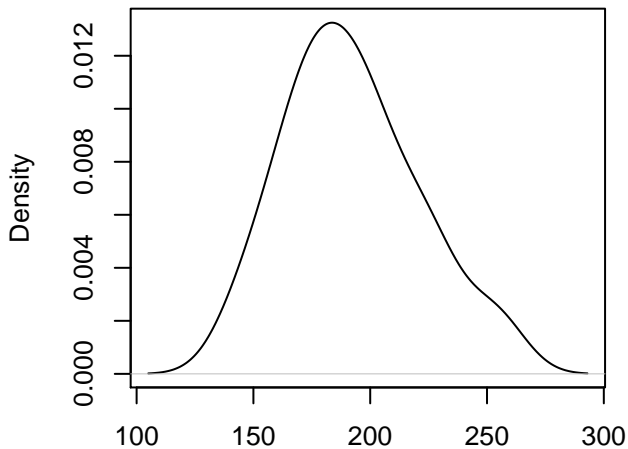
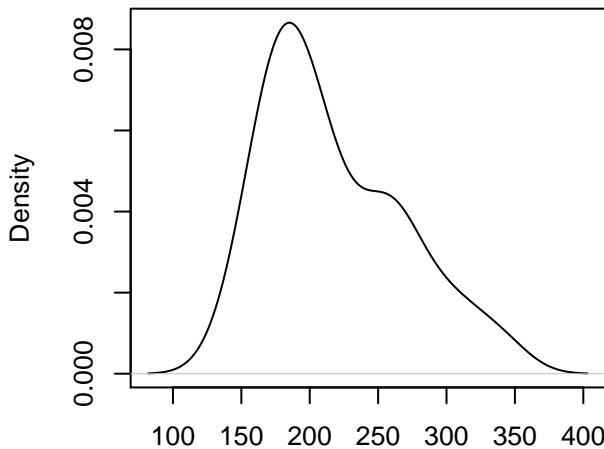


Bp = 1 line = MAGIC.149 , Chr = 1



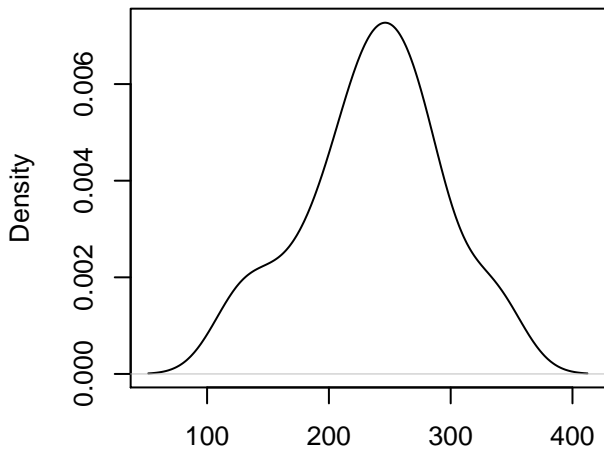
Insert size, N =29
breakpoint: 6860745 – 6860747 wil-2 no-0

Bp = 2 line = MAGIC.149 , Chr = 1



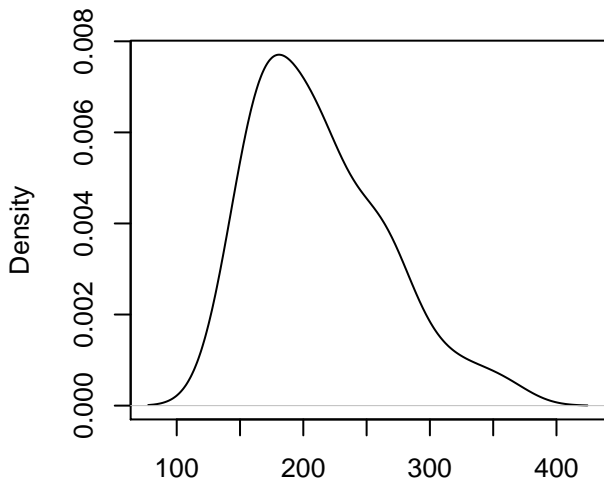
Insert size, N =53
breakpoint: 8181570 – 8181893 no-0 ws-0

Bp = 3 line = MAGIC.149 , Chr = 1



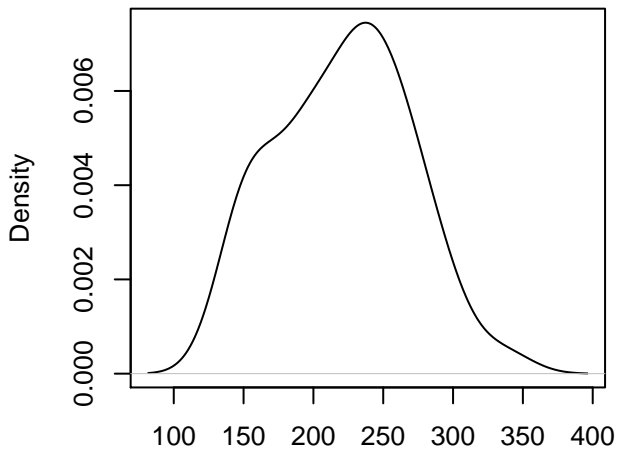
Insert size, N =19
breakpoint: 8260588 – 8260593 ws-0 kn-0

Bp = 4 line = MAGIC.149 , Chr = 1



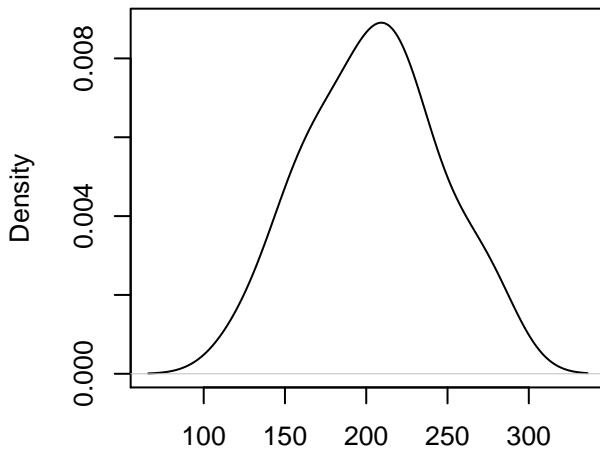
Insert size, N =49
breakpoint: 10329801 – 10329806 kn-0 no-0

Bp = 5 line = MAGIC.149 , Chr = 1



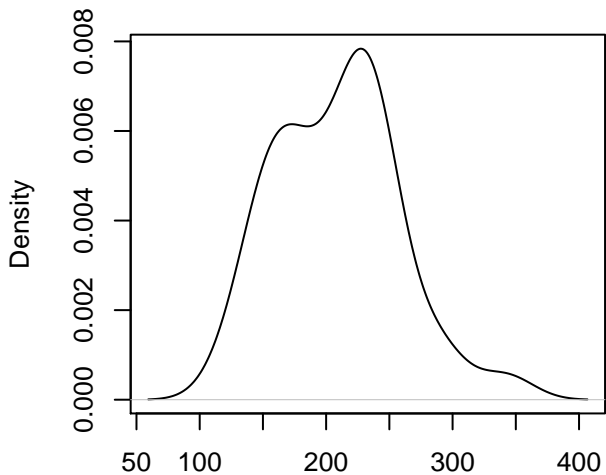
Insert size, N =46
breakpoint: 11133919 – 11133935 no-0 kn-0

Bp = 6 line = MAGIC.149 , Chr = 1



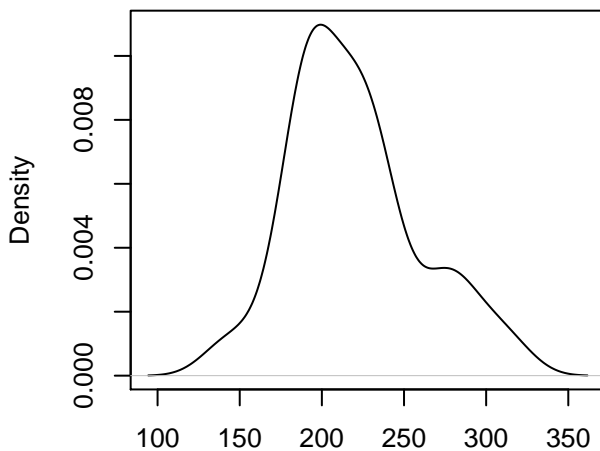
Insert size, N =26
breakpoint: 11782484 – 11783104 kn-0 no-0

Bp = 7 line = MAGIC.149 , Chr = 1



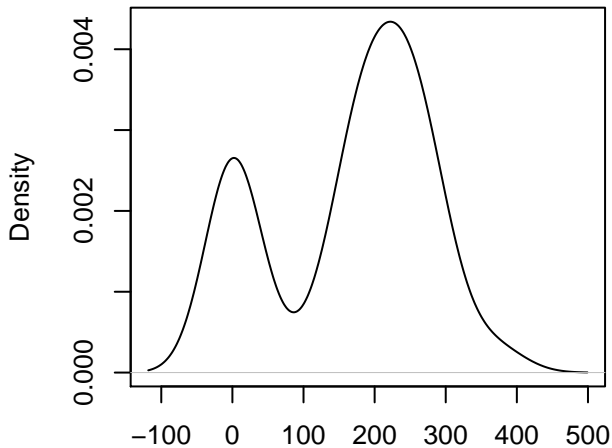
Insert size, N =34
breakpoint: 12081892 – 12081936 no-0 kn-0

Bp = 8 line = MAGIC.149 , Chr = 1

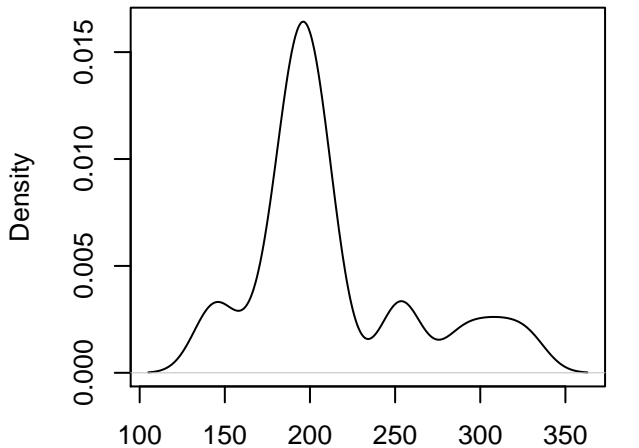


Insert size, N =43
breakpoint: 13011641 – 13011691 kn-0 no-0

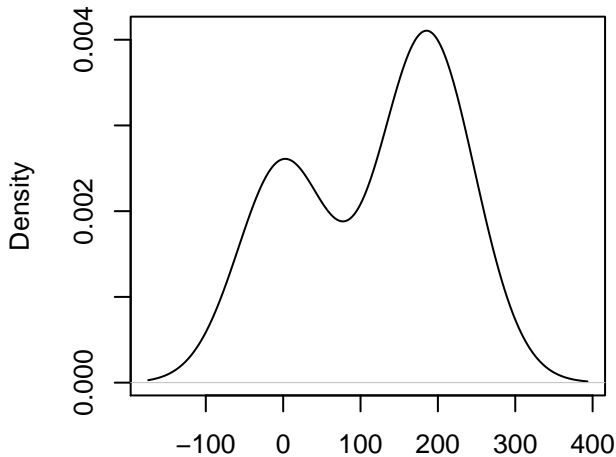
Bp = 9 line = MAGIC.149 , Chr = 1



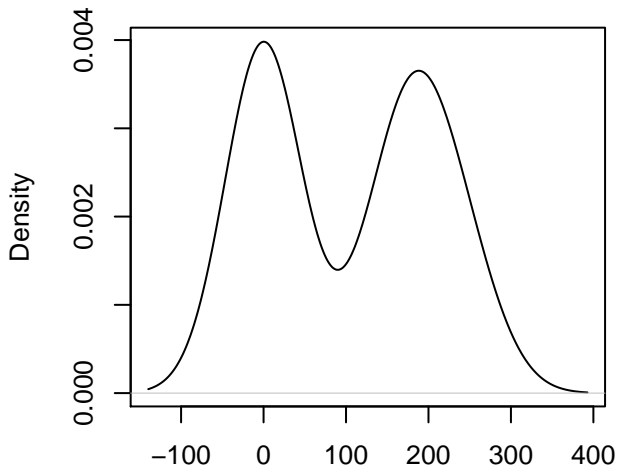
Bp = 10 line = MAGIC.149 , Chr = 1



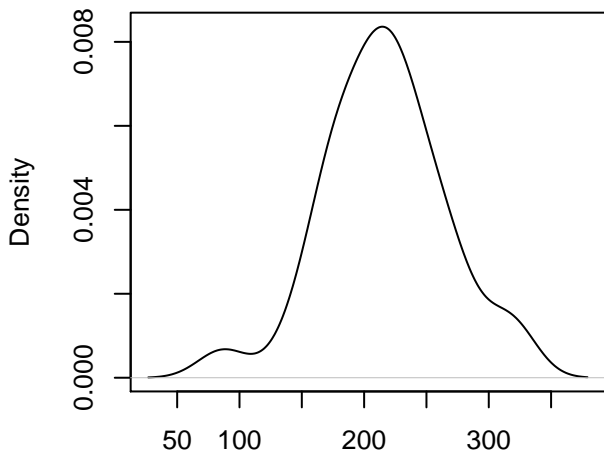
Bp = 11 line = MAGIC.149 , Chr = 1



Bp = 12 line = MAGIC.149 , Chr = 1

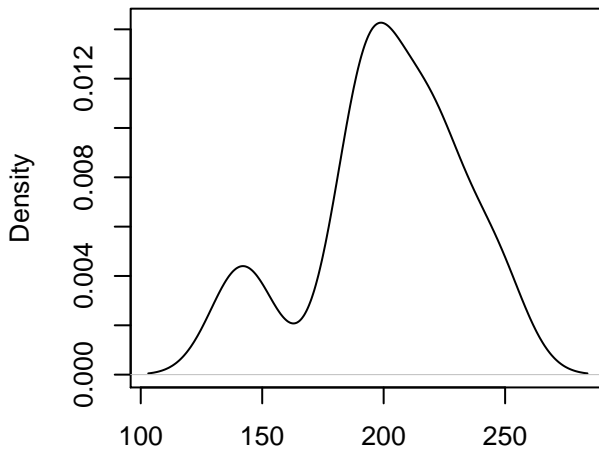


Bp = 13 line = MAGIC.149 , Chr = 1



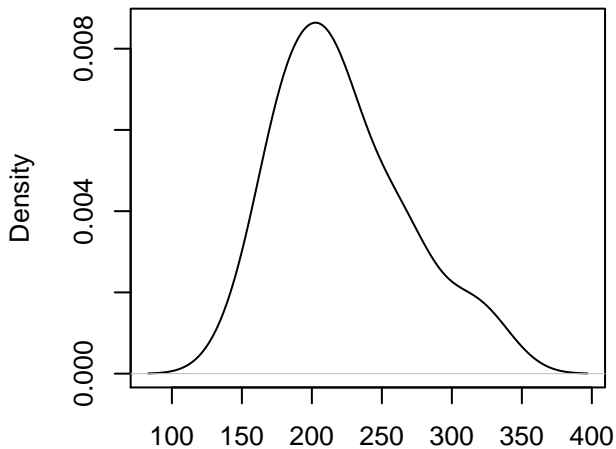
Insert size, N =30
breakpoint: 15652772 – 15652906 no-0 zu-0

Bp = 14 line = MAGIC.149 , Chr = 1



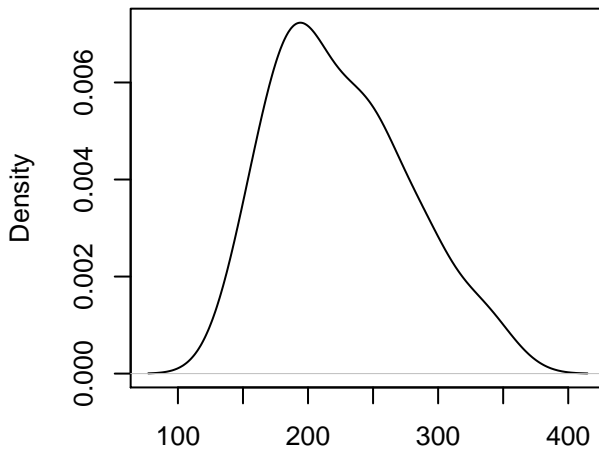
Insert size, N =7
breakpoint: 15879826 – 15879828 zu-0 no-0

Bp = 15 line = MAGIC.149 , Chr = 1



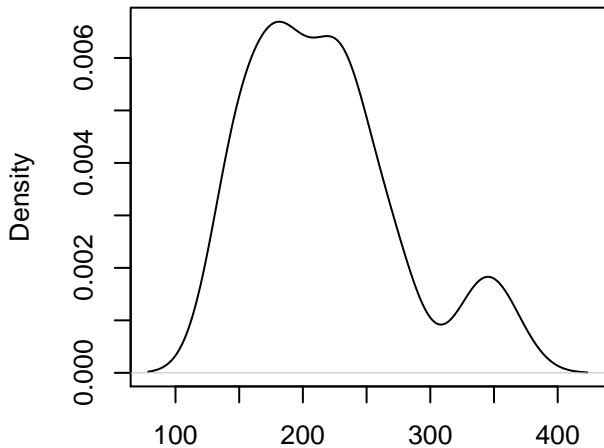
Insert size, N =45
breakpoint: 16417011 – 16417025 no-0 col-0

Bp = 16 line = MAGIC.149 , Chr = 1



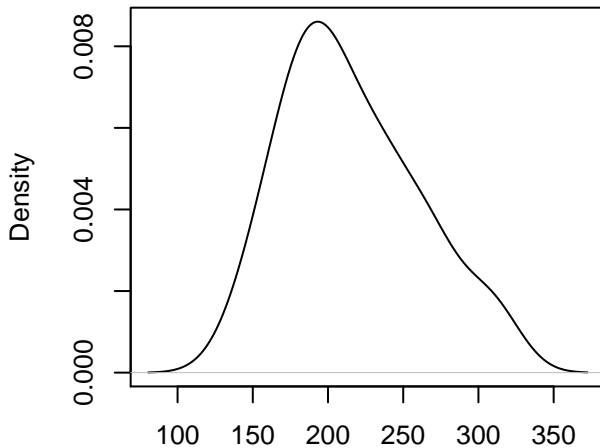
Insert size, N =65
breakpoint: 26621549 – 26621708 col-0 oy-0

Bp = 17 line = MAGIC.149 , Chr = 2



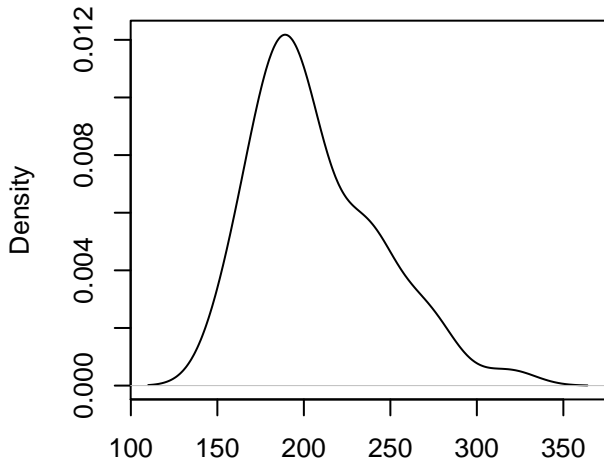
Insert size, N =28
breakpoint: 853636 – 853685 wil-2 hi-0

Bp = 18 line = MAGIC.149 , Chr = 2



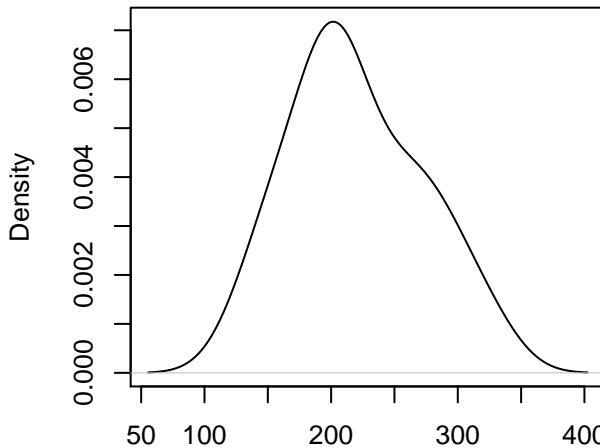
Insert size, N =56
breakpoint: 1108608 – 1108630 hi-0 oy-0

Bp = 19 line = MAGIC.149 , Chr = 2



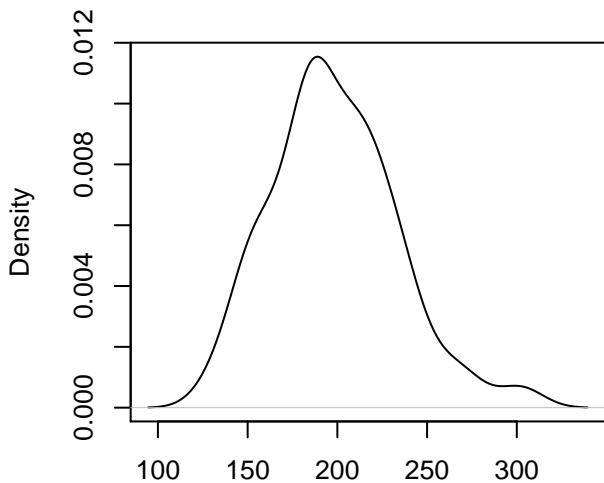
Insert size, N =51
breakpoint: 1905540 – 1905619 oy-0 rsch-4

Bp = 20 line = MAGIC.149 , Chr = 2



Insert size, N =23
breakpoint: 1952362 – 1952646 rsch-4 oy-0

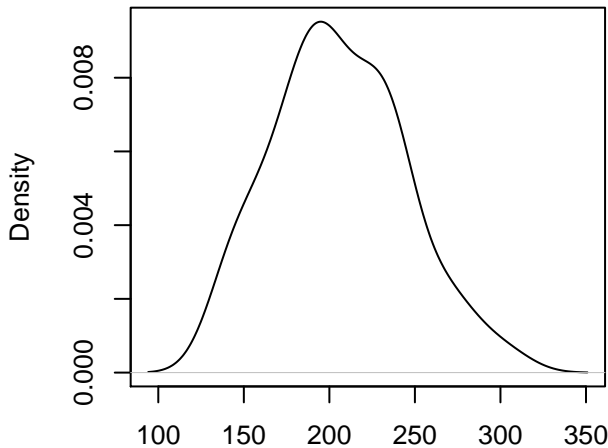
Bp = 21 line = MAGIC.149 , Chr = 2



Insert size, N =48

breakpoint: 2630555 – 2630609 oy=0 hi=0

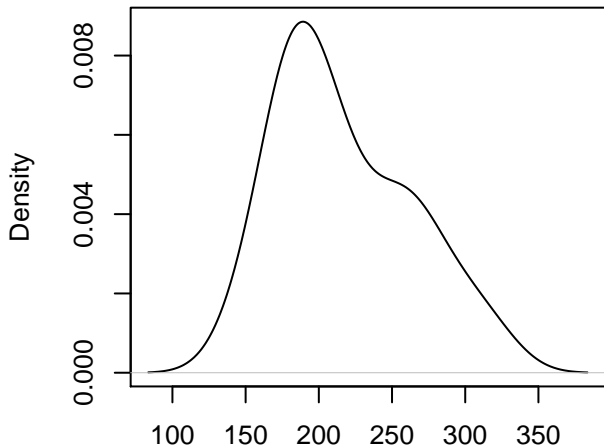
Bp = 22 line = MAGIC.149 , Chr = 2



Insert size, N =66

breakpoint: 3649097 – 3649371 hi=0 oy=0

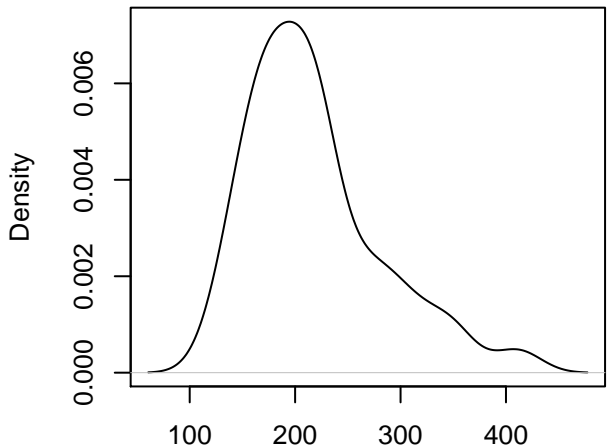
Bp = 23 line = MAGIC.149 , Chr = 2



Insert size, N =29

breakpoint: 3750265 – 3750266 oy=0 hi=0

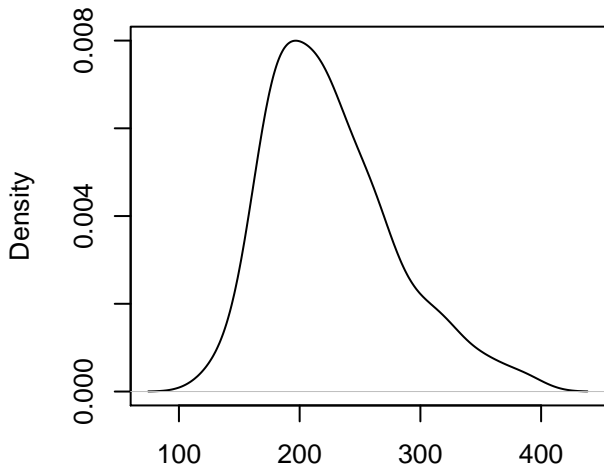
Bp = 24 line = MAGIC.149 , Chr = 2



Insert size, N =39

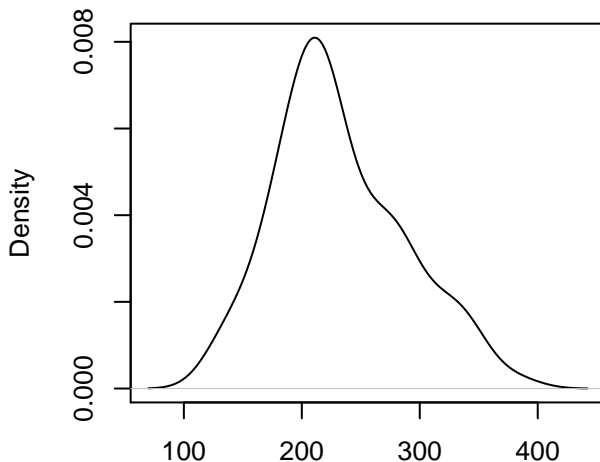
breakpoint: 4090816 – 4090928 hi=0 oy=0

Bp = 25 line = MAGIC.149 , Chr = 2



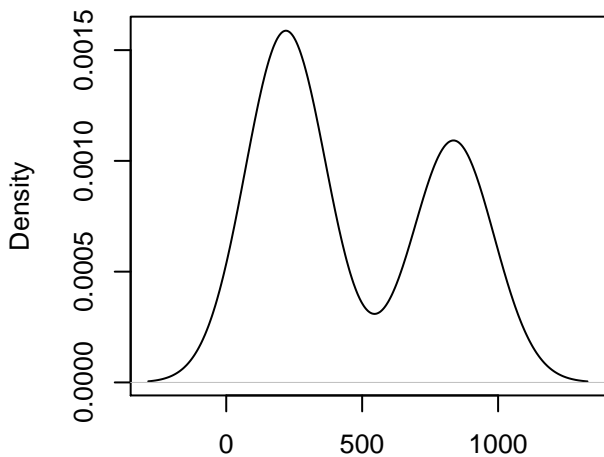
Insert size, N =145
breakpoint: 4410655 – 4410713 oy-0 ct-1

Bp = 26 line = MAGIC.149 , Chr = 2



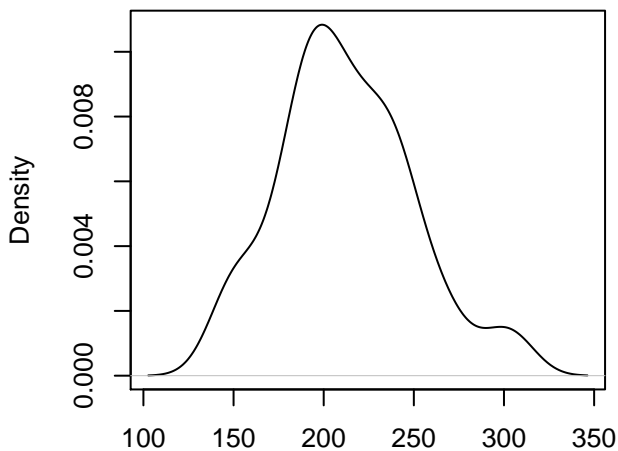
Insert size, N =89
breakpoint: 4500261 – 4500318 ct-1 oy-0

Bp = 27 line = MAGIC.149 , Chr = 2



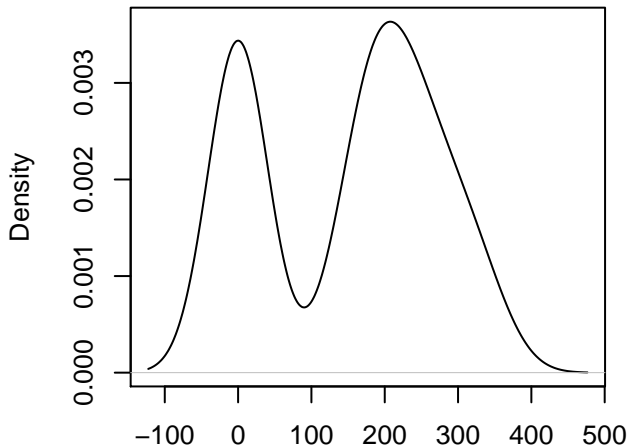
Insert size, N =27
breakpoint: 4501886 – 4501910 oy-0 ct-1

Bp = 28 line = MAGIC.149 , Chr = 2



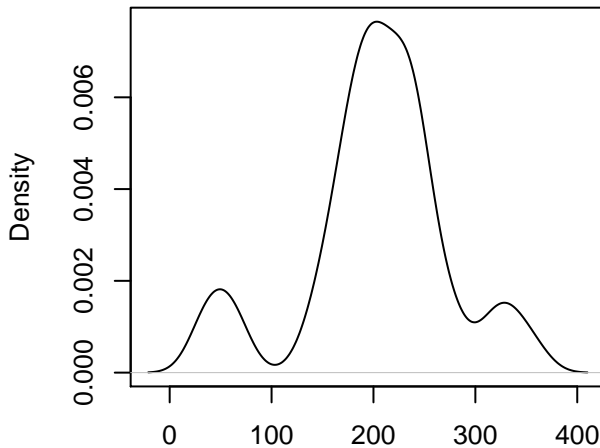
Insert size, N =81
breakpoint: 4711479 – 4711572 ct-1 oy-0

Bp = 29 line = MAGIC.149 , Chr = 2



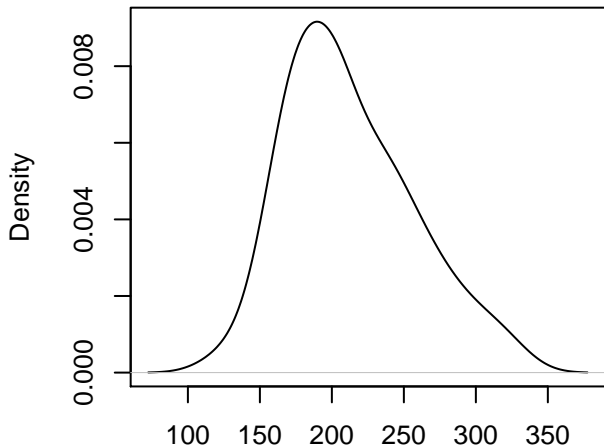
Insert size, N =125
breakpoint: 5331445 – 5331446 oy-0 tsu-0

Bp = 30 line = MAGIC.149 , Chr = 2



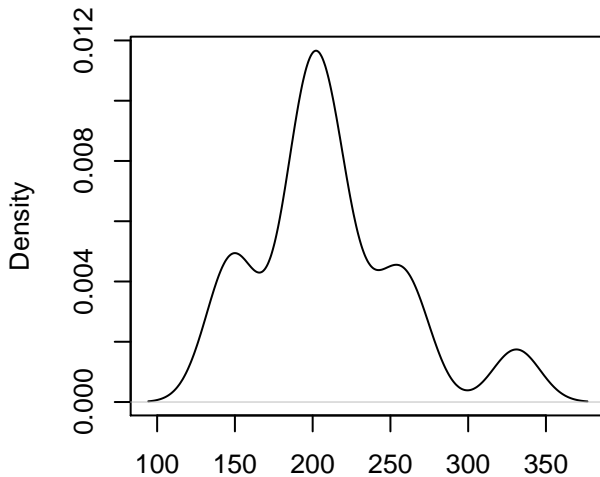
Insert size, N =107
breakpoint: 5339950 – 5339982 tsu-0 oy-0

Bp = 31 line = MAGIC.149 , Chr = 2



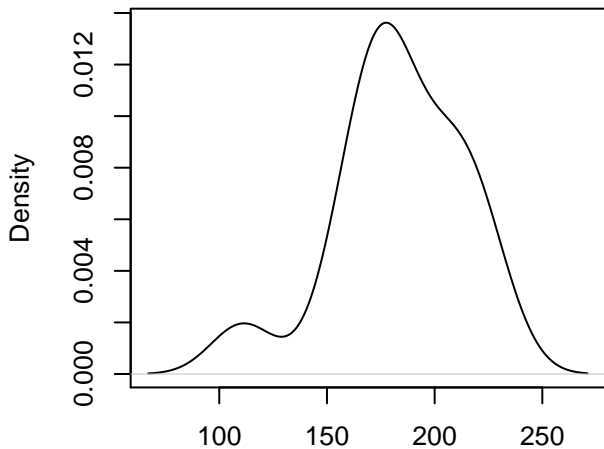
Insert size, N =54
breakpoint: 5877832 – 5877866 oy-0 hi-0

Bp = 32 line = MAGIC.149 , Chr = 2



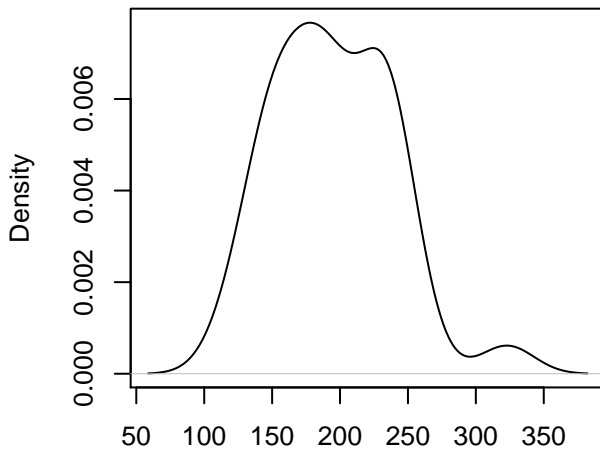
Insert size, N =15
breakpoint: 6004182 – 6004202 hi-0 oy-0

Bp = 33 line = MAGIC.149 , Chr = 2



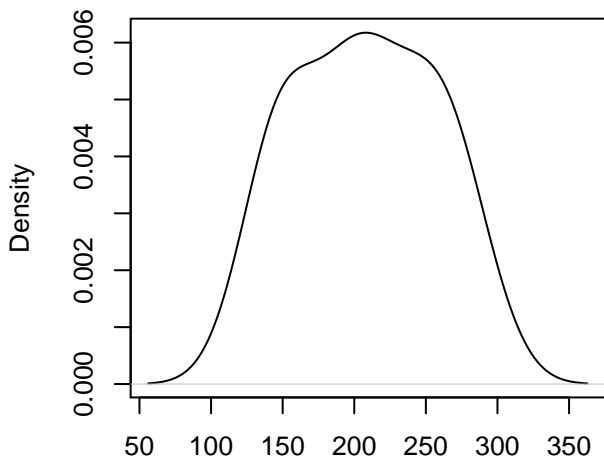
Insert size, N =14
breakpoint: 6471373 – 6471393 oy-0 no-0

Bp = 34 line = MAGIC.149 , Chr = 2



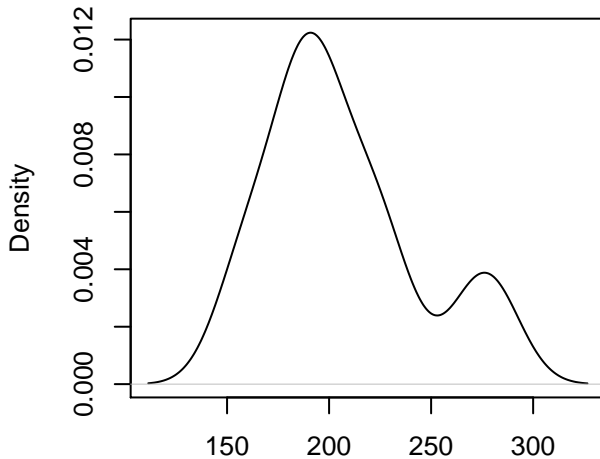
Insert size, N =33
breakpoint: 6483803 – 6483823 no-0 oy-0

Bp = 35 line = MAGIC.149 , Chr = 2



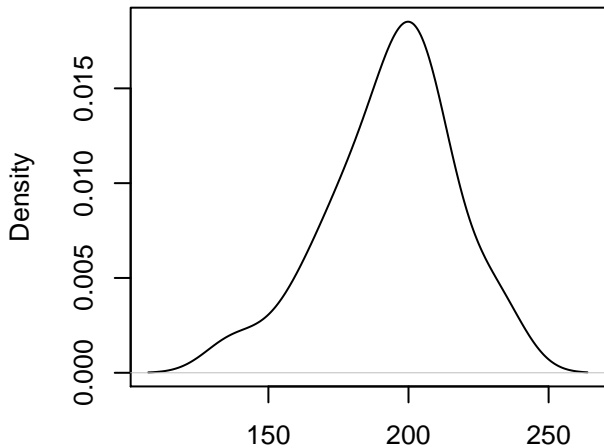
Insert size, N =20
breakpoint: 10285471 – 10285476 oy-0 hi-0

Bp = 36 line = MAGIC.149 , Chr = 2



Insert size, N =13
breakpoint: 10556008 – 10556009 hi-0 oy-0

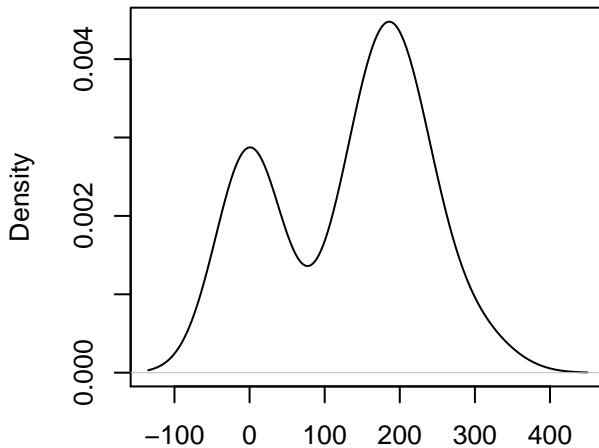
Bp = 37 line = MAGIC.149 , Chr = 2



Insert size, N =24

breakpoint: 10759076 – 10759235 oy-0 hi-0

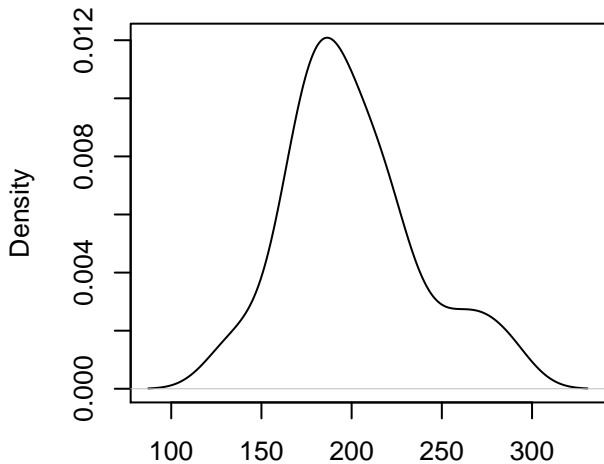
Bp = 38 line = MAGIC.149 , Chr = 2



Insert size, N =31

breakpoint: 11267368 – 11267374 hi-0 oy-0

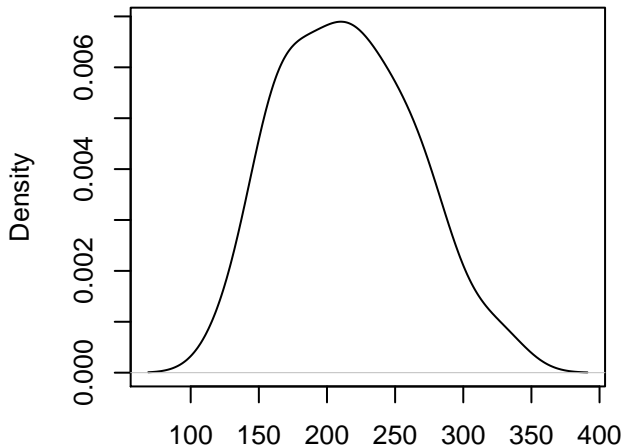
Bp = 39 line = MAGIC.149 , Chr = 2



Insert size, N =27

breakpoint: 12403843 – 12403860 oy-0 hi-0

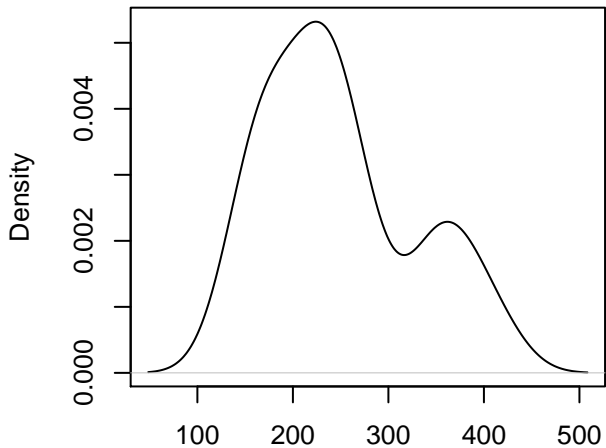
Bp = 40 line = MAGIC.149 , Chr = 2



Insert size, N =54

breakpoint: 12808319 – 12808322 hi-0 oy-0

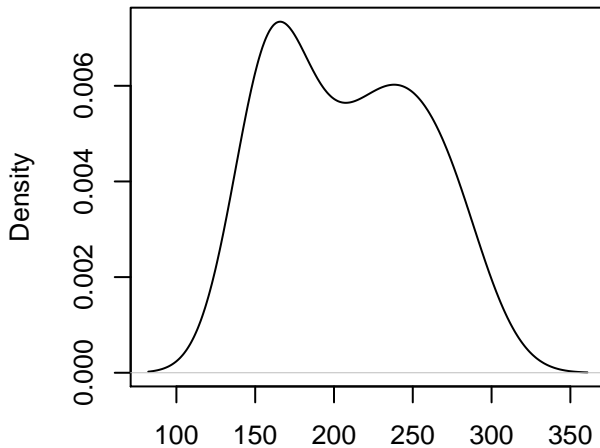
Bp = 41 line = MAGIC.149 , Chr = 2



Insert size, N =21

breakpoint: 13434741 – 13434861 oy-0 hi-0

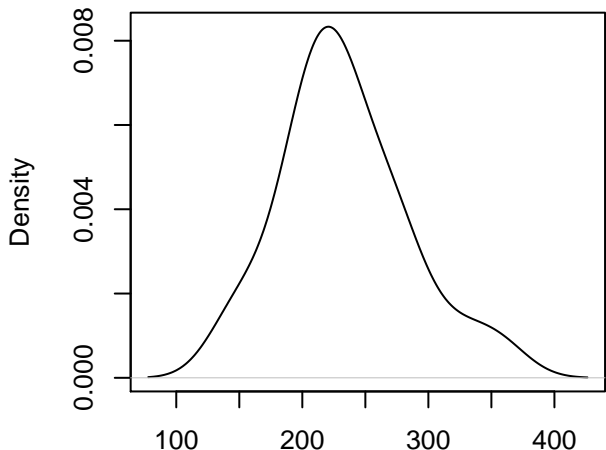
Bp = 42 line = MAGIC.149 , Chr = 2



Insert size, N =32

breakpoint: 14697109 – 14697191 hi-0 oy-0

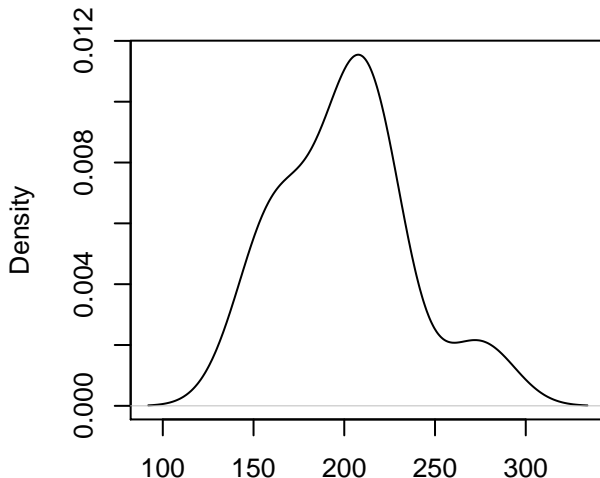
Bp = 43 line = MAGIC.149 , Chr = 2



Insert size, N =21

breakpoint: 17163852 – 17163924 oy-0 wil-2

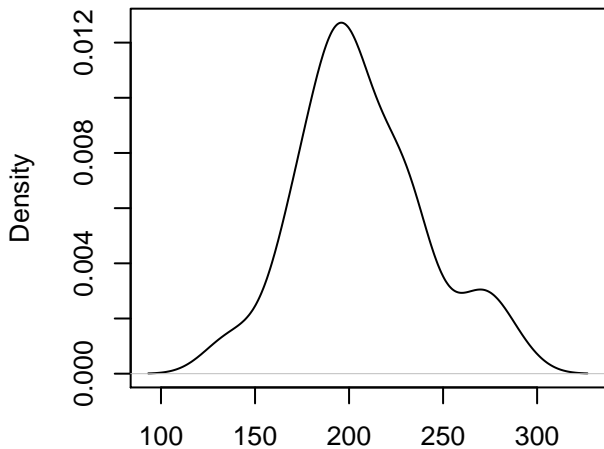
Bp = 44 line = MAGIC.149 , Chr = 3



Insert size, N =20

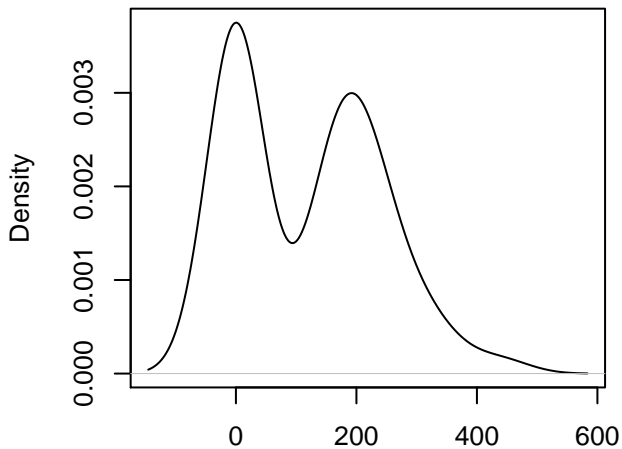
breakpoint: 558025 – 558046 wil-2 no-0

Bp = 45 line = MAGIC.149 , Chr = 3



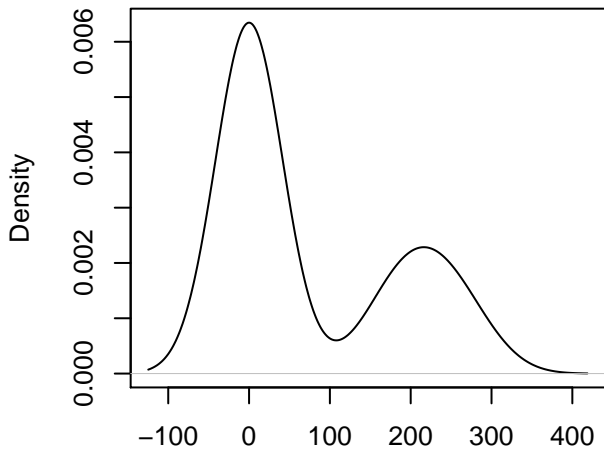
Insert size, N =40
breakpoint: 2646739 – 2646786 no-0 wil-2

Bp = 46 line = MAGIC.149 , Chr = 3



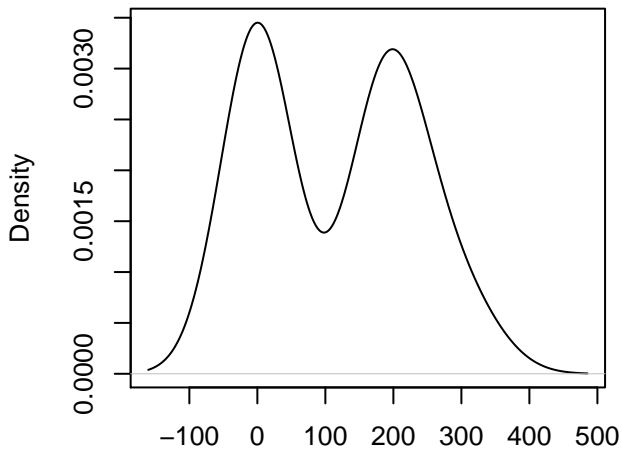
Insert size, N =55
breakpoint: 9011199 – 9011243 wil-2 can-0

Bp = 47 line = MAGIC.149 , Chr = 3



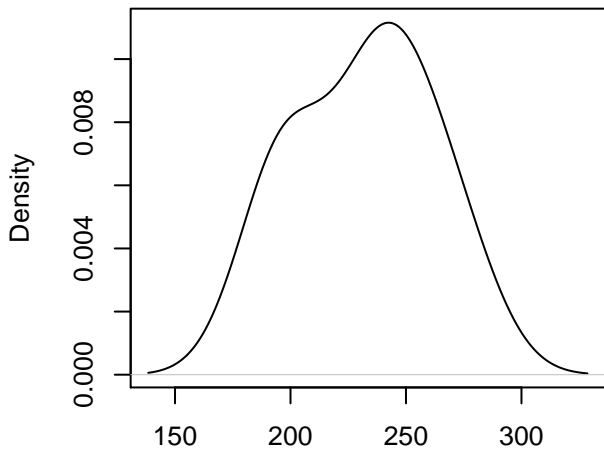
Insert size, N =65
breakpoint: 9015842 – 9015845 can-0 wil-2

Bp = 48 line = MAGIC.149 , Chr = 3



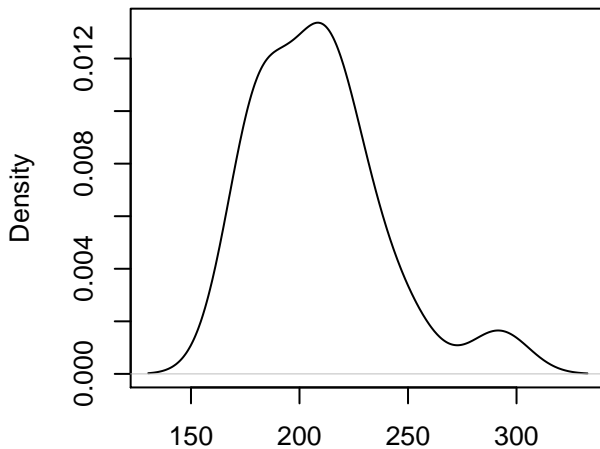
Insert size, N =26
breakpoint: 10296782 – 10296792 wil-2 ct-1

Bp = 49 line = MAGIC.149 , Chr = 3



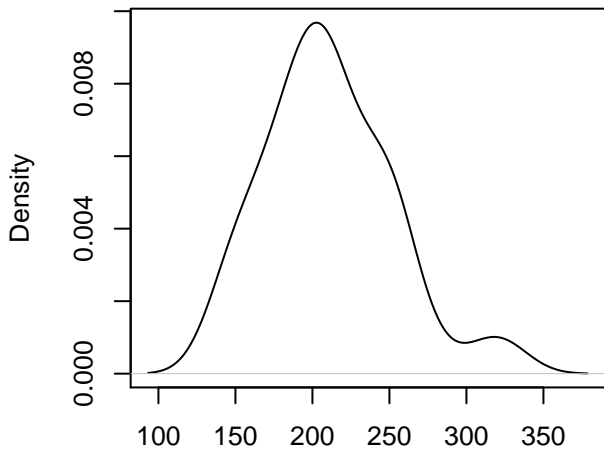
Insert size, N =6
breakpoint: 10475880 – 10475930 ct-1 zu-0

Bp = 50 line = MAGIC.149 , Chr = 3



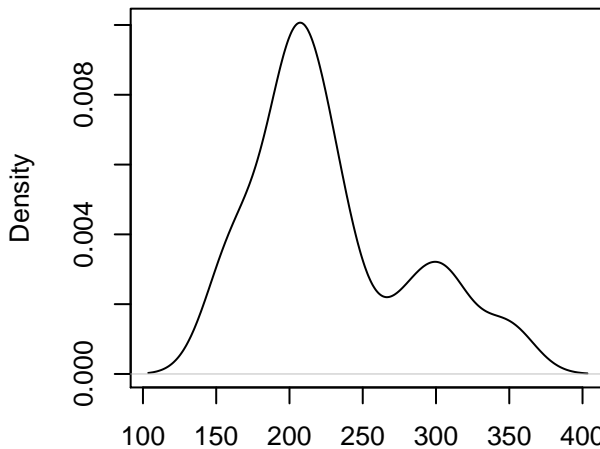
Insert size, N =18
breakpoint: 10481745 – 10481746 zu-0 wil-2

Bp = 51 line = MAGIC.149 , Chr = 3



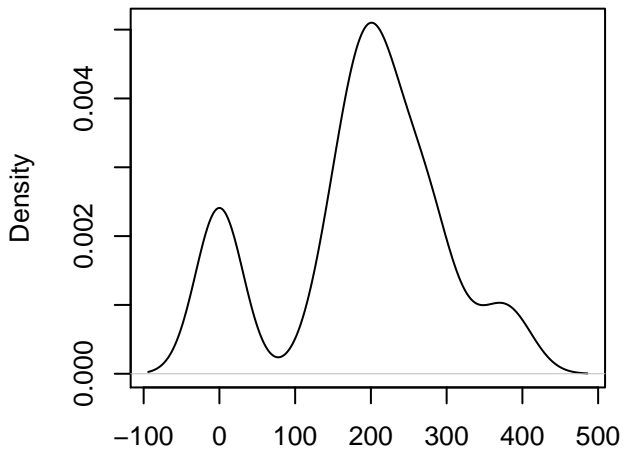
Insert size, N =43
breakpoint: 11110104 – 11110208 wil-2 oy-0

Bp = 52 line = MAGIC.149 , Chr = 3



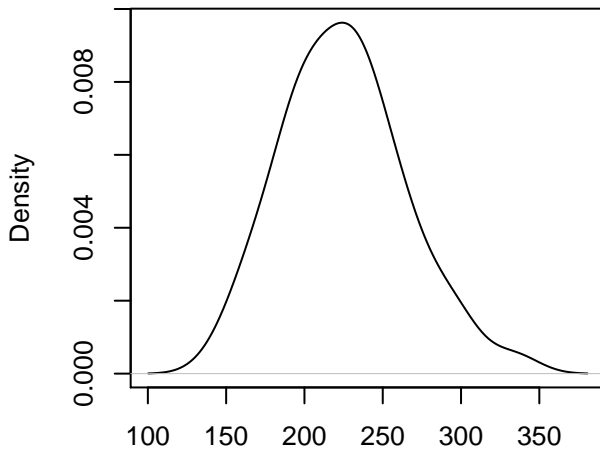
Insert size, N =16
breakpoint: 12038723 – 12038755 oy-0 ct-1

Bp = 53 line = MAGIC.149 , Chr = 3



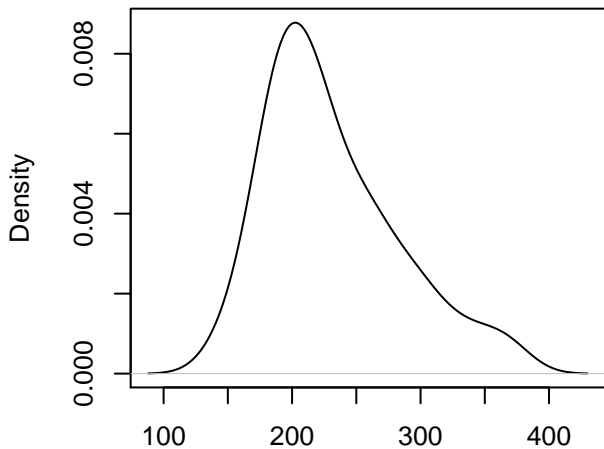
Insert size, N =37
breakpoint: 12322227 – 12322229 ct-1 po-0

Bp = 54 line = MAGIC.149 , Chr = 3



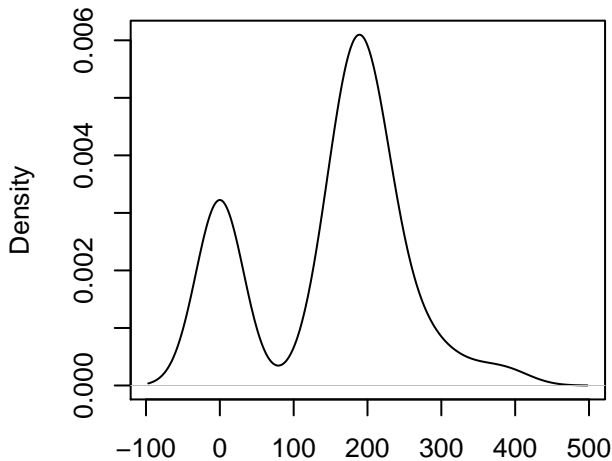
Insert size, N =50
breakpoint: 12467931 – 12467935 po-0 ct-1

Bp = 55 line = MAGIC.149 , Chr = 3



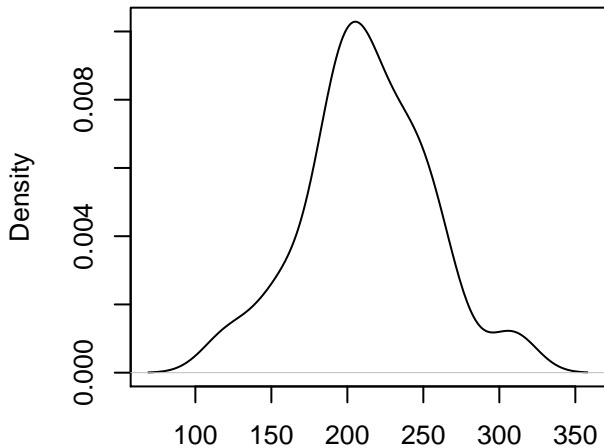
Insert size, N =73
breakpoint: 12516425 – 12516426 ct-1 oy-0

Bp = 56 line = MAGIC.149 , Chr = 3



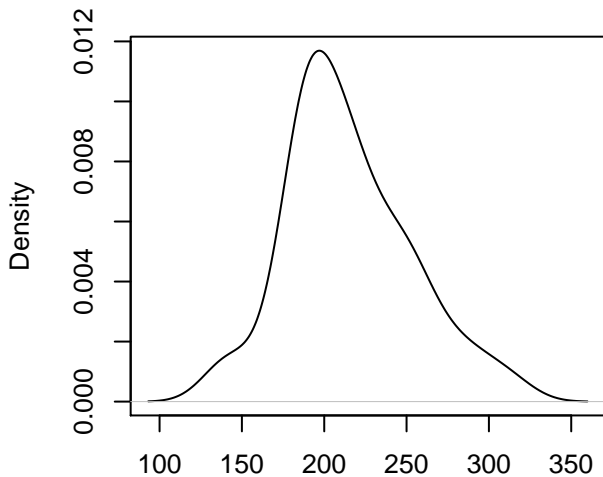
Insert size, N =176
breakpoint: 12762163 – 12762165 oy-0 ct-1

Bp = 57 line = MAGIC.149 , Chr = 3



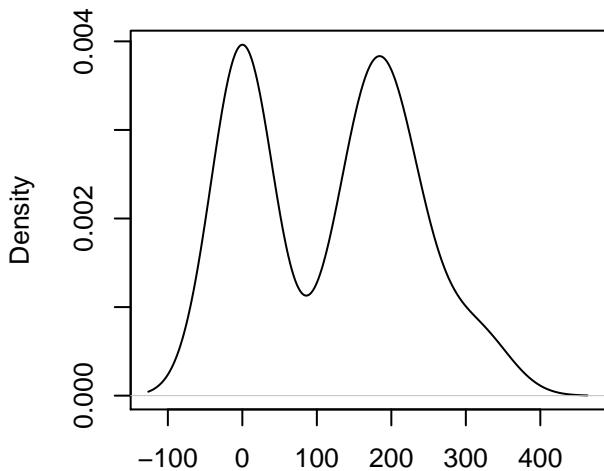
Insert size, N =43
breakpoint: 13374722 – 13374751 ct-1 oy-0

Bp = 58 line = MAGIC.149 , Chr = 3



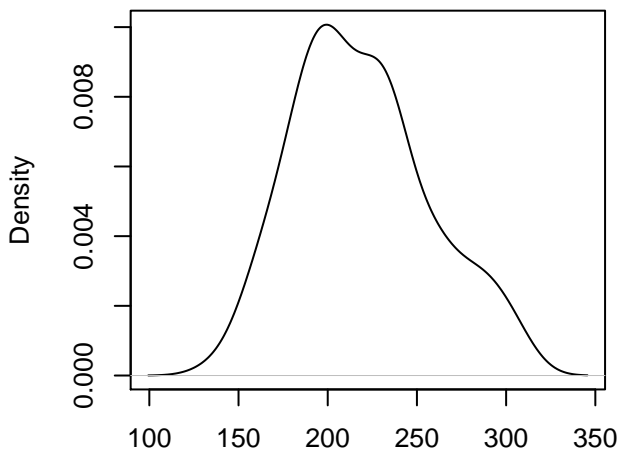
Insert size, N =57
breakpoint: 13920254 – 13920263 oy-0 ct-1

Bp = 59 line = MAGIC.149 , Chr = 3



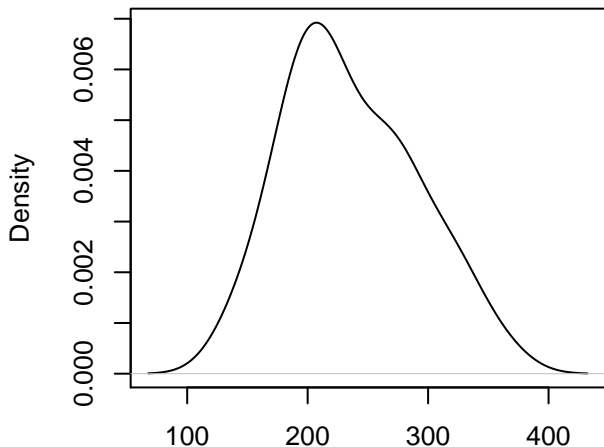
Insert size, N =67
breakpoint: 13997679 – 13997817 ct-1 ler-0

Bp = 60 line = MAGIC.149 , Chr = 3



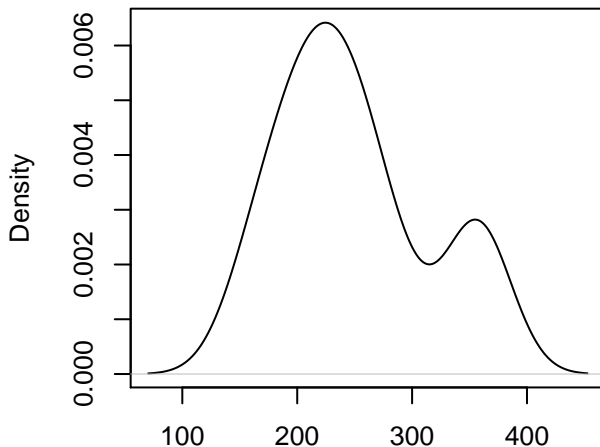
Insert size, N =118
breakpoint: 14076825 – 14076848 ler-0 rsch-4

Bp = 61 line = MAGIC.149 , Chr = 3



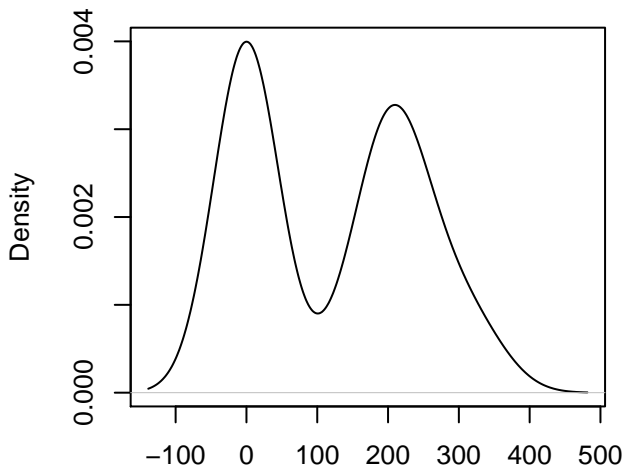
Insert size, N =38
breakpoint: 14328111 – 14328198 rsch-4 hi-0

Bp = 62 line = MAGIC.149 , Chr = 3



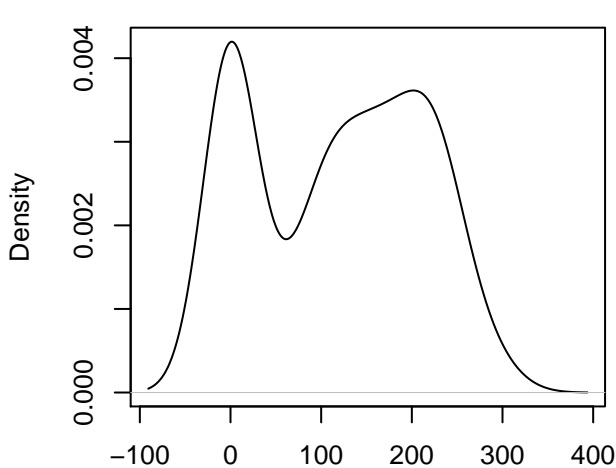
Insert size, N =20
breakpoint: 14339995 – 14340007 hi-0 tsu-0

Bp = 63 line = MAGIC.149 , Chr = 3



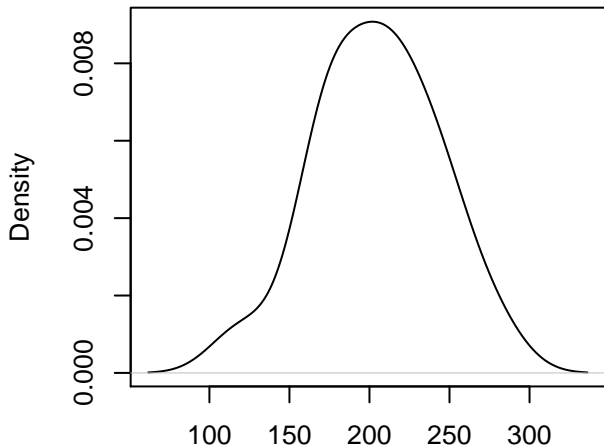
Insert size, N =67
breakpoint: 14380900 – 14381044 tsu-0 can-0

Bp = 64 line = MAGIC.149 , Chr = 3



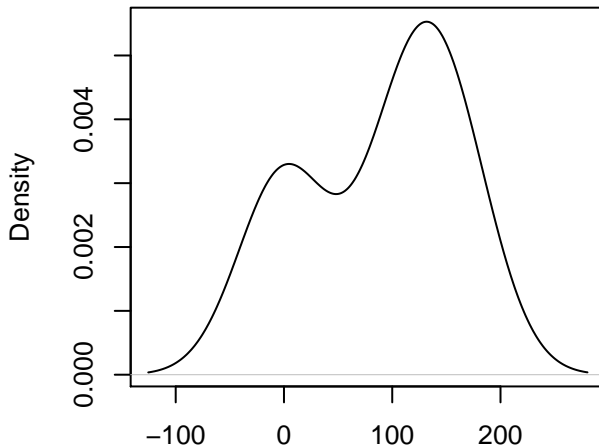
Insert size, N =164
breakpoint: 14388156 – 14388231 can-0 hi-0

Bp = 65 line = MAGIC.149 , Chr = 3



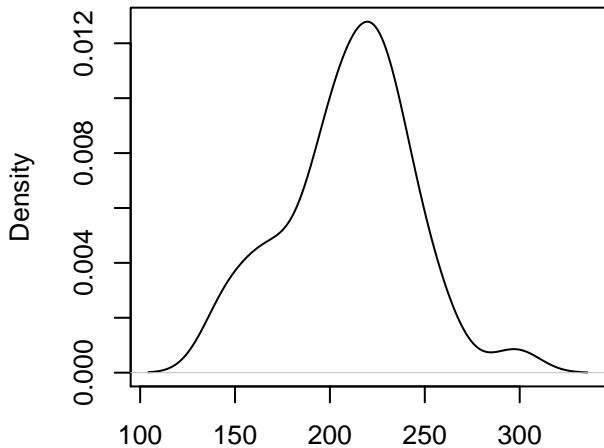
Insert size, N =18
breakpoint: 14394549 – 14394901 hi-0 tsu-0

Bp = 67 line = MAGIC.149 , Chr = 3



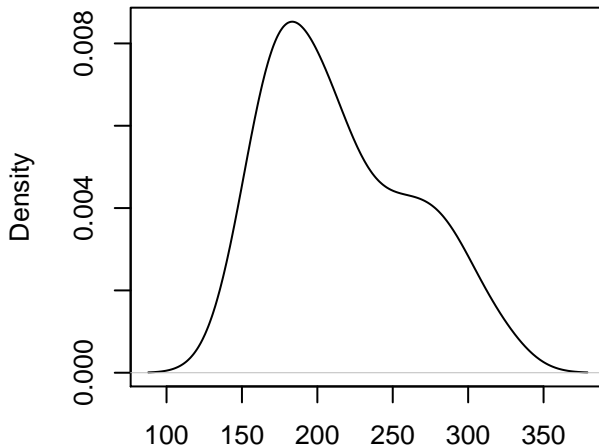
Insert size, N =3
breakpoint: 14473133 – 14473134 sf-2 ws-0

Bp = 68 line = MAGIC.149 , Chr = 3



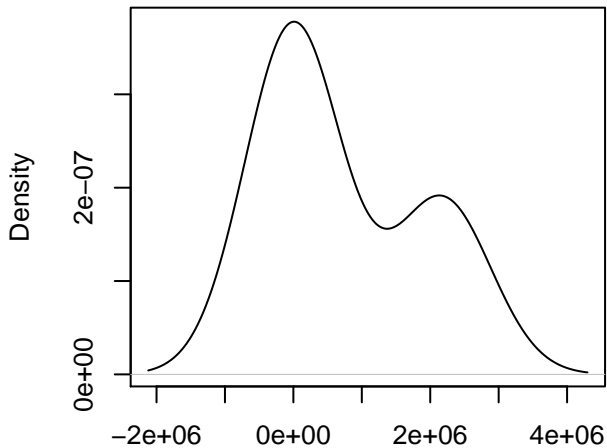
Insert size, N =38
breakpoint: 14484571 – 14484579 ws-0 wil-2

Bp = 69 line = MAGIC.149 , Chr = 3



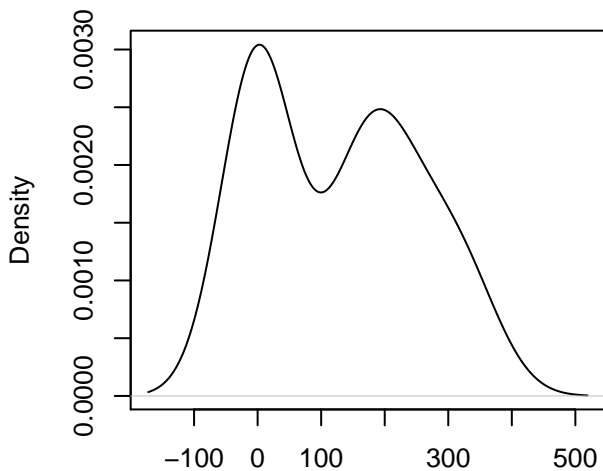
Insert size, N =57
breakpoint: 14527670 – 14527716 wil-2 sf-2

Bp = 70 line = MAGIC.149 , Chr = 3



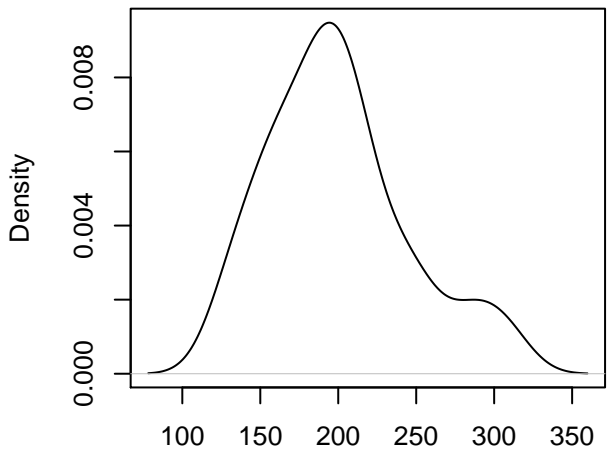
Insert size, N =6
breakpoint: 14538795 – 14538802 sf-2 oy-0

Bp = 71 line = MAGIC.149 , Chr = 3



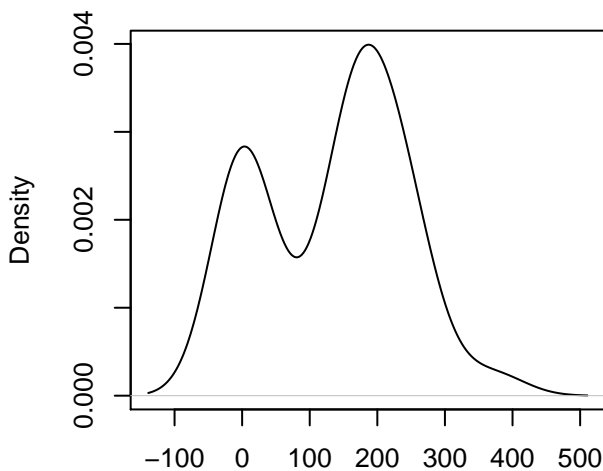
Insert size, N =28
breakpoint: 14651048 – 14651087 oy-0 ct-1

Bp = 72 line = MAGIC.149 , Chr = 3



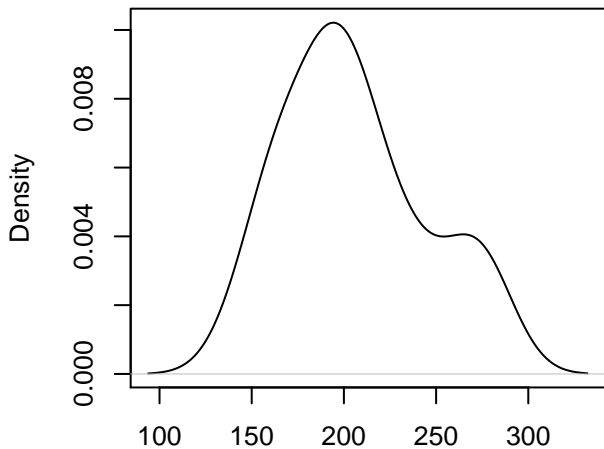
Insert size, N =41
breakpoint: 15184938 – 15184971 ct-1 hi-0

Bp = 73 line = MAGIC.149 , Chr = 3



Insert size, N =35
breakpoint: 15349702 – 15349707 hi-0 oy-0

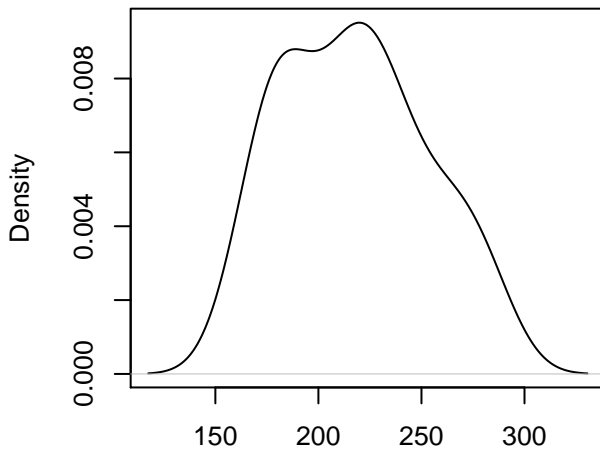
Bp = 74 line = MAGIC.149 , Chr = 3



Insert size, N =19

breakpoint: 15354213 – 15354285 oy-0 hi-0

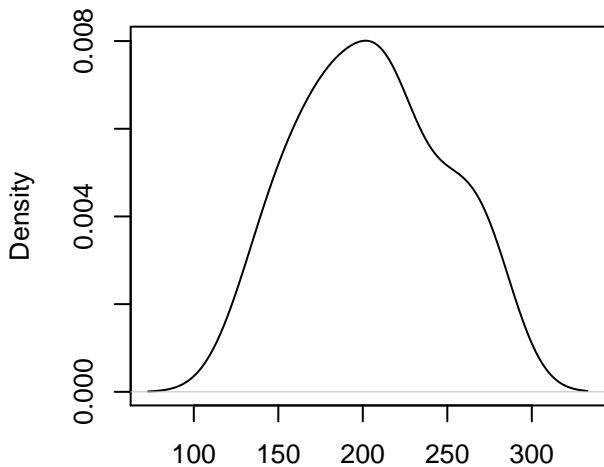
Bp = 75 line = MAGIC.149 , Chr = 3



Insert size, N =43

breakpoint: 15487691 – 15487747 hi-0 ct-1

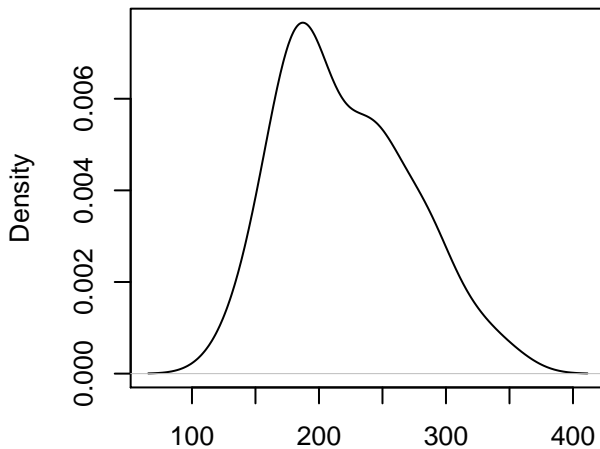
Bp = 76 line = MAGIC.149 , Chr = 3



Insert size, N =40

breakpoint: 15801225 – 15801236 ct-1 hi-0

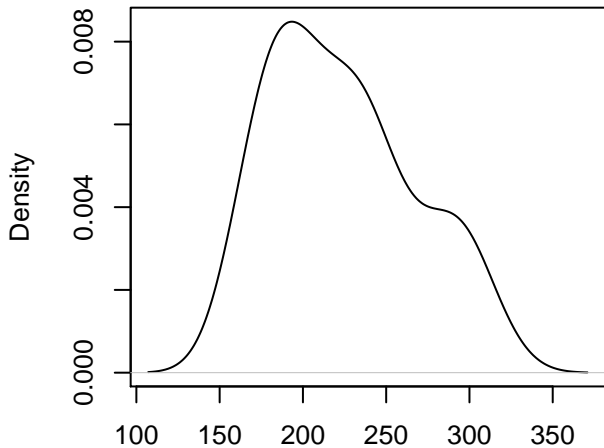
Bp = 77 line = MAGIC.149 , Chr = 3



Insert size, N =52

breakpoint: 15821967 – 15822007 hi-0 ct-1

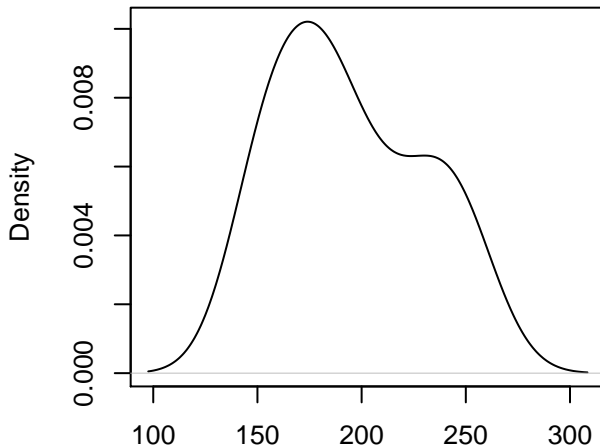
Bp = 78 line = MAGIC.149 , Chr = 3



Insert size, N =47

breakpoint: 16469591 – 16469647 ct-1 hi-0

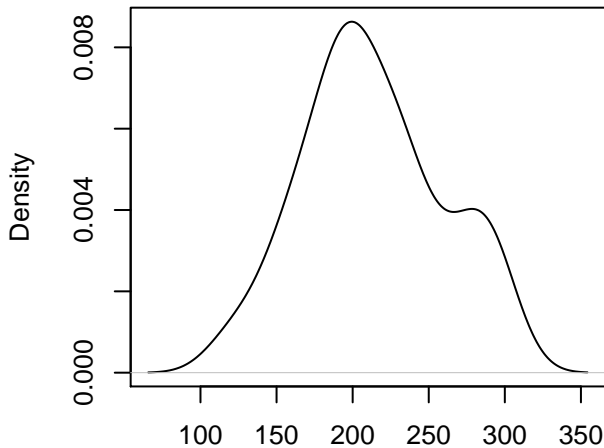
Bp = 79 line = MAGIC.149 , Chr = 3



Insert size, N =16

breakpoint: 16626448 – 16626460 hi-0 ct-1

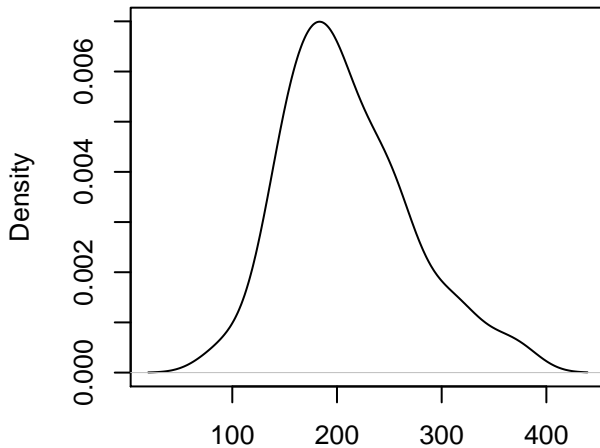
Bp = 80 line = MAGIC.149 , Chr = 3



Insert size, N =51

breakpoint: 18421916 – 18422078 ct-1 can-0

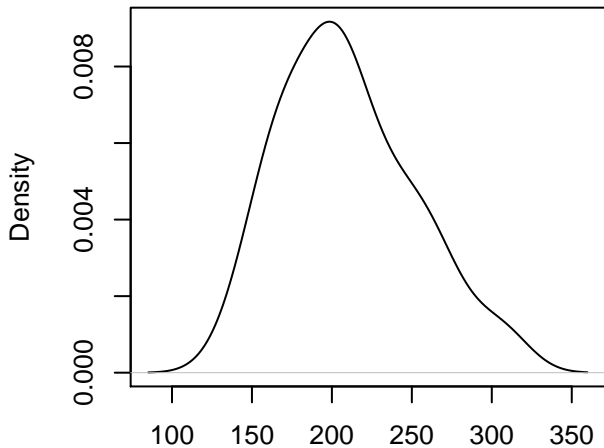
Bp = 81 line = MAGIC.149 , Chr = 3



Insert size, N =79

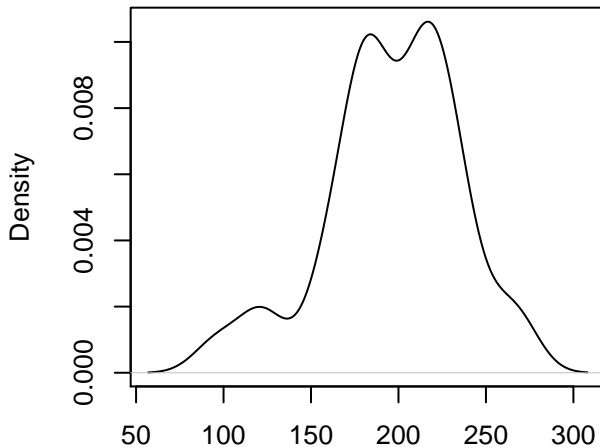
breakpoint: 18733007 – 18733008 can-0 ct-1

Bp = 82 line = MAGIC.149 , Chr = 3



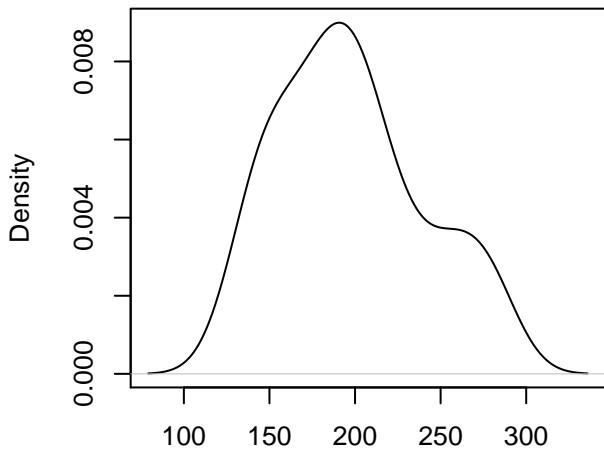
Insert size, N =48
breakpoint: 19025183 – 19025439 ct-1 can-0

Bp = 83 line = MAGIC.149 , Chr = 3



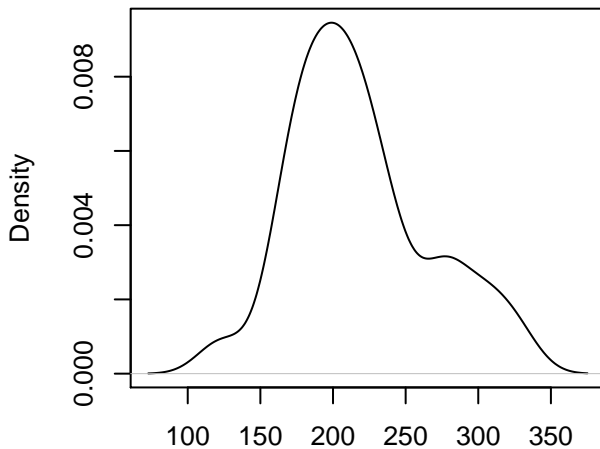
Insert size, N =33
breakpoint: 20189144 – 20189279 can-0 ct-1

Bp = 84 line = MAGIC.149 , Chr = 4



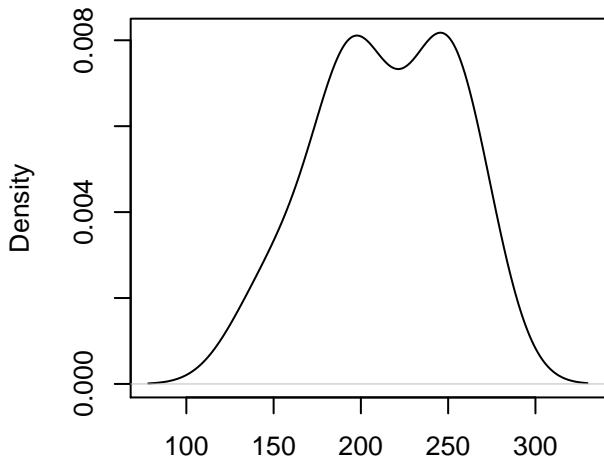
Insert size, N =49
breakpoint: 1539793 – 1539803 hi-0 wil-2

Bp = 85 line = MAGIC.149 , Chr = 4



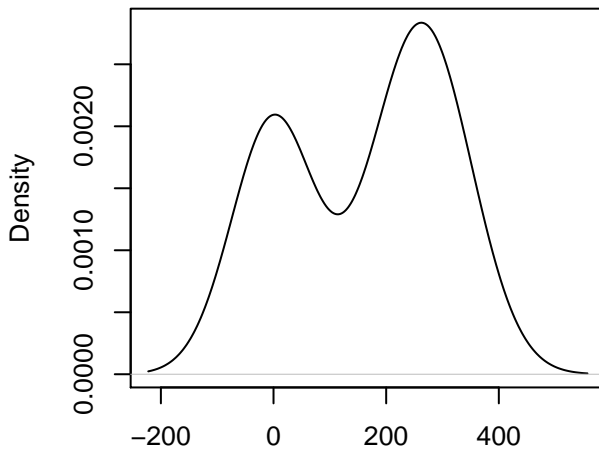
Insert size, N =58
breakpoint: 2817422 – 2817469 wil-2 edi-0

Bp = 86 line = MAGIC.149 , Chr = 4



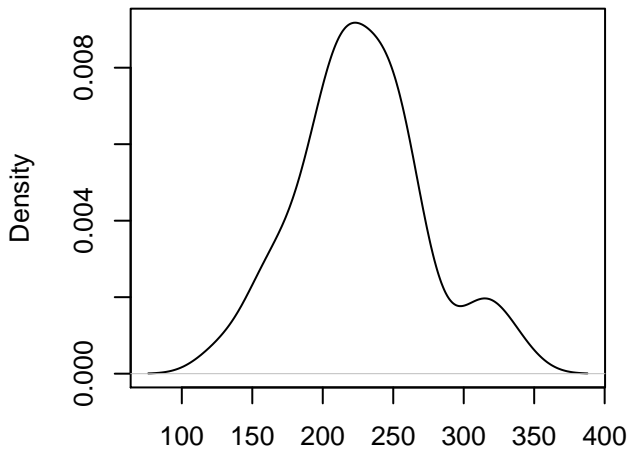
Insert size, N =20
breakpoint: 3145375 – 3145515 edi-0 wil-2

Bp = 87 line = MAGIC.149 , Chr = 4



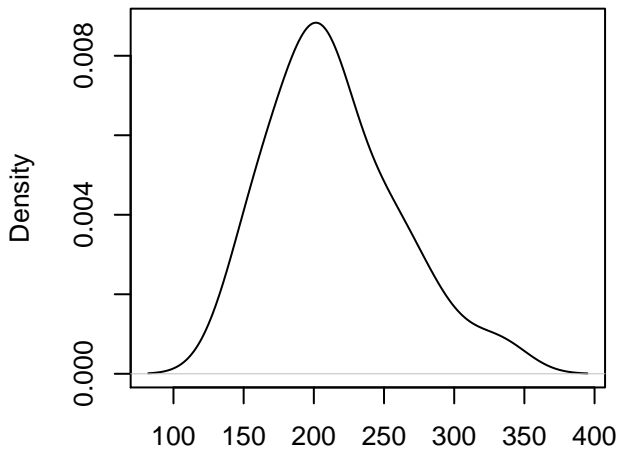
Insert size, N =13
breakpoint: 3267828 – 3267831 wil-2 edi-0

Bp = 88 line = MAGIC.149 , Chr = 4



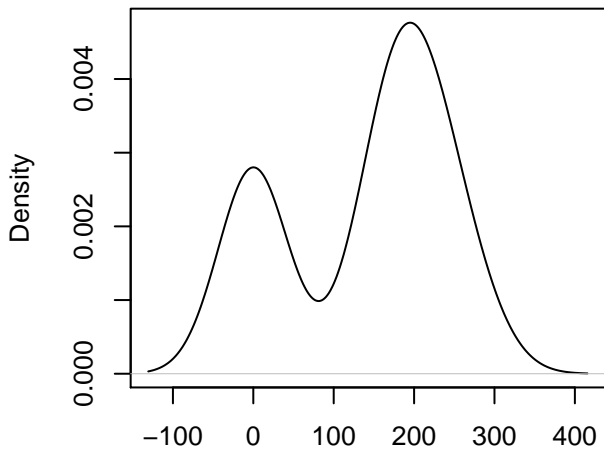
Insert size, N =41
breakpoint: 3860814 – 3860835 edi-0 ws-0

Bp = 89 line = MAGIC.149 , Chr = 4

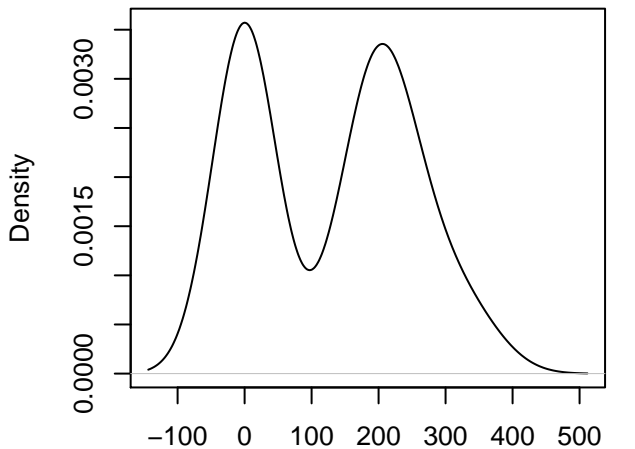


Insert size, N =24
breakpoint: 4375070 – 4375108 ws-0 wil-2

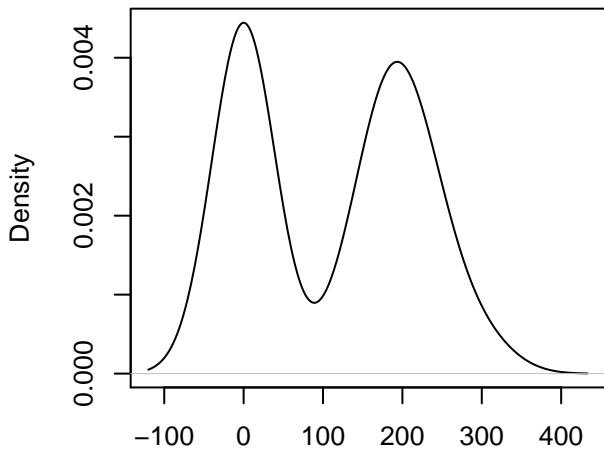
Bp = 90 line = MAGIC.149 , Chr = 4



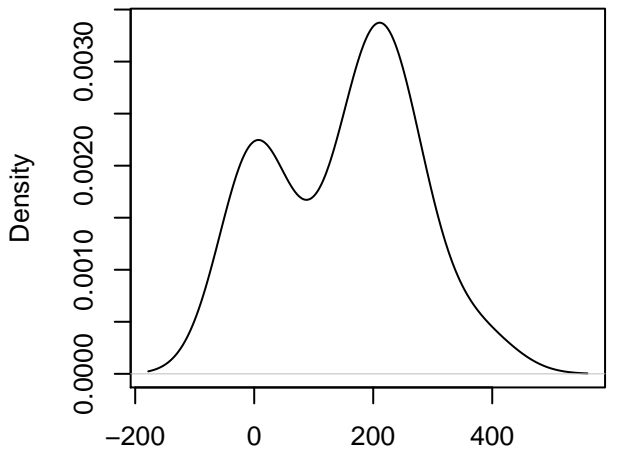
Bp = 91 line = MAGIC.149 , Chr = 4



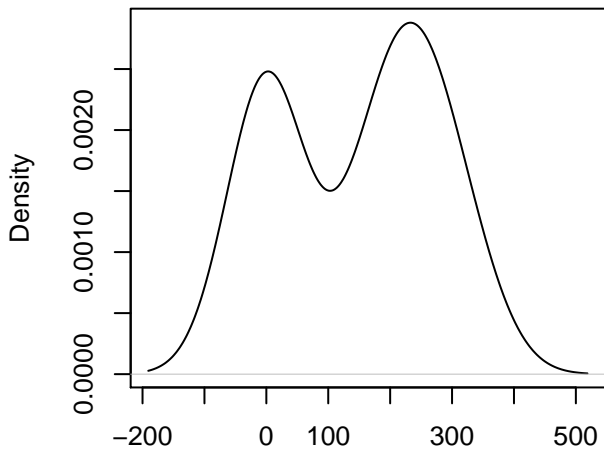
Bp = 92 line = MAGIC.149 , Chr = 4



Bp = 93 line = MAGIC.149 , Chr = 4

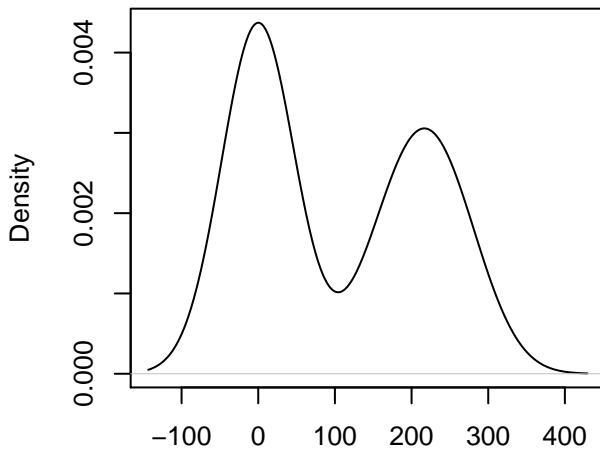


Bp = 94 line = MAGIC.149 , Chr = 4



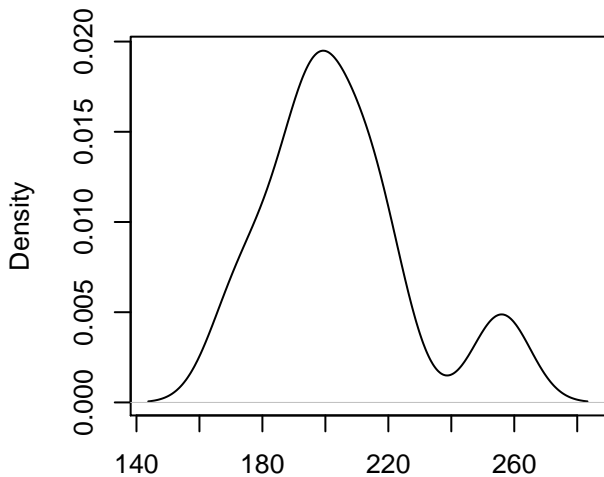
Insert size, N = 18
breakpoint: 4728545 – 4728880 rsch-4 edi-0

Bp = 95 line = MAGIC.149 , Chr = 4



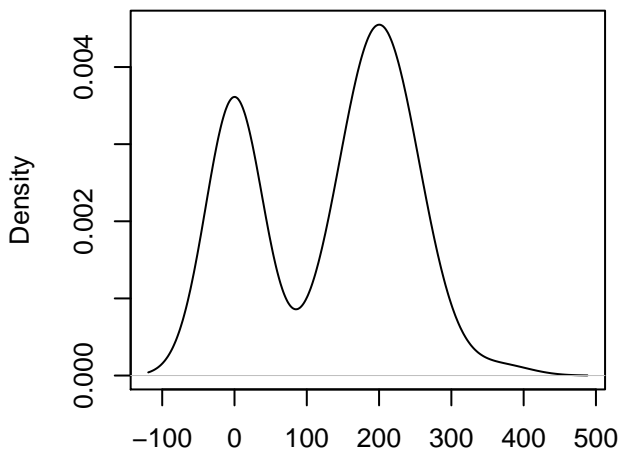
Insert size, N = 42
breakpoint: 4786930 – 4786931 edi-0 wil-2

Bp = 96 line = MAGIC.149 , Chr = 4



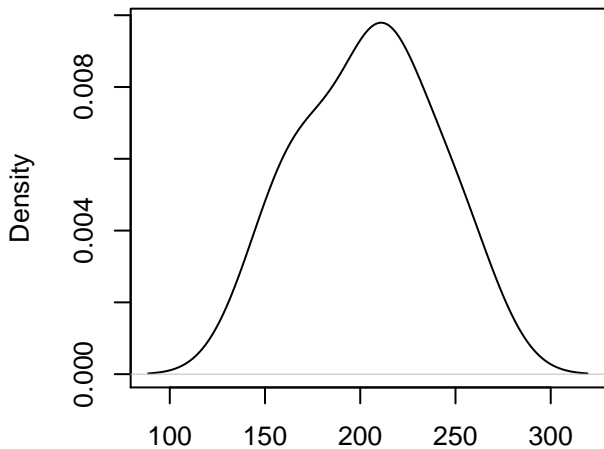
Insert size, N = 9
breakpoint: 4882430 – 4882443 wil-2 edi-0

Bp = 97 line = MAGIC.149 , Chr = 4



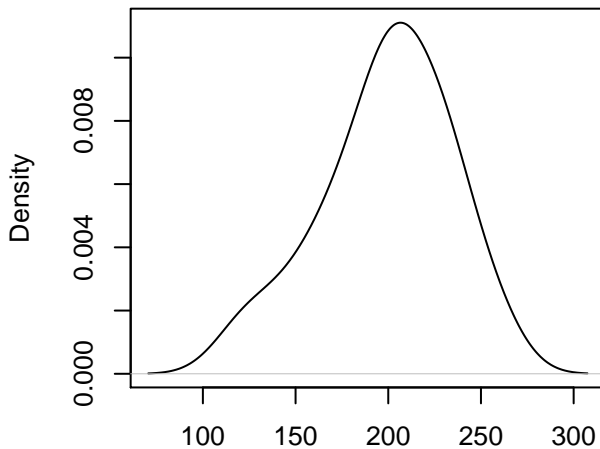
Insert size, N = 75
breakpoint: 5274516 – 5274520 edi-0 wil-2

Bp = 98 line = MAGIC.149 , Chr = 4



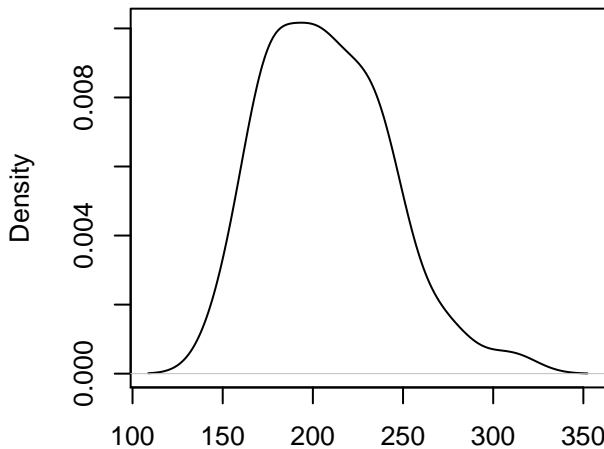
Insert size, N =12
breakpoint: 5702076 – 5702087 wil-2 edi-0

Bp = 99 line = MAGIC.149 , Chr = 4



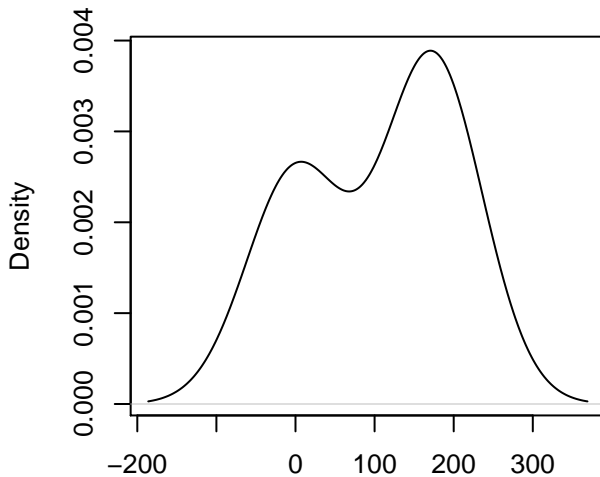
Insert size, N =27
breakpoint: 7252582 – 7252585 edi-0 wil-2

Bp = 100 line = MAGIC.149 , Chr = 4



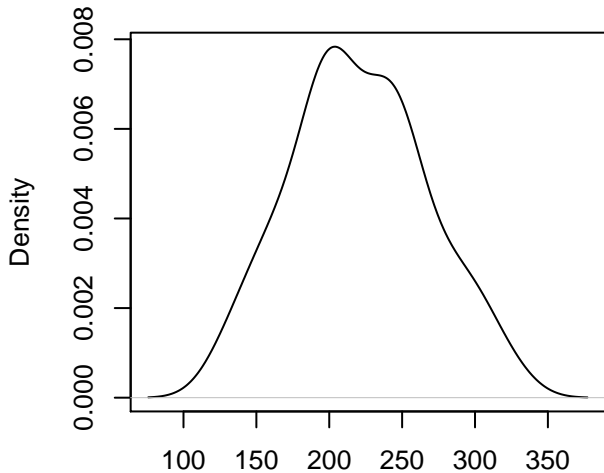
Insert size, N =50
breakpoint: 9438250 – 9438259 wil-2 edi-0

Bp = 101 line = MAGIC.149 , Chr = 4



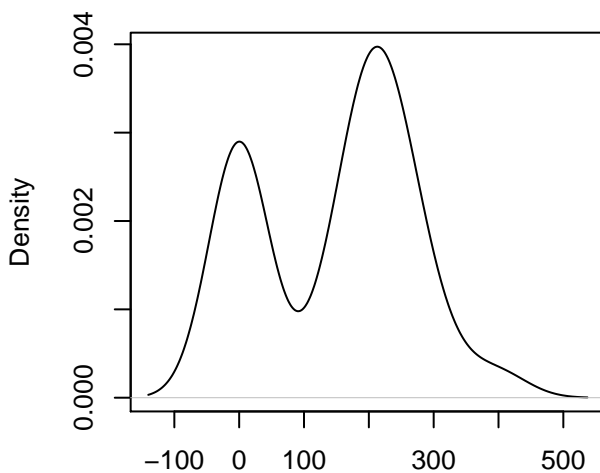
Insert size, N =5
breakpoint: 10123077 – 10123087 edi-0 wil-2

Bp = 102 line = MAGIC.149 , Chr = 4



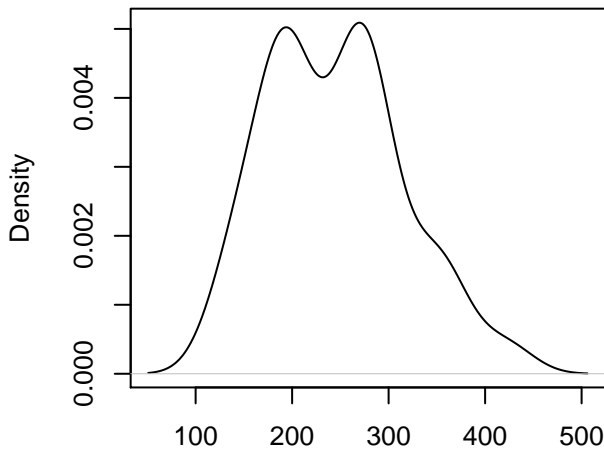
Insert size, N =47
breakpoint: 10571175 – 10571237 wil-2 edi-0

Bp = 103 line = MAGIC.149 , Chr = 4



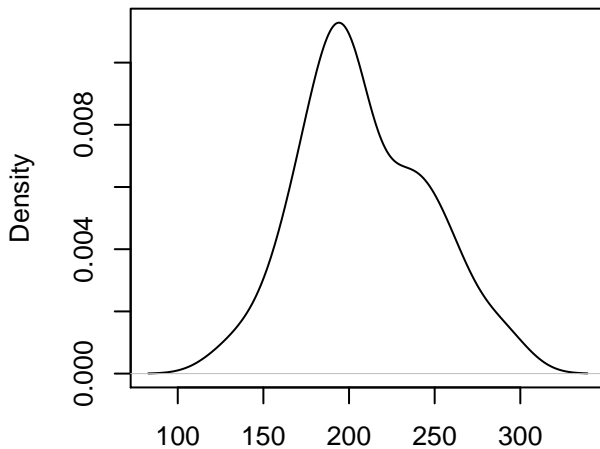
Insert size, N =59
breakpoint: 10775893 – 10775933 edi-0 wil-2

Bp = 104 line = MAGIC.149 , Chr = 4



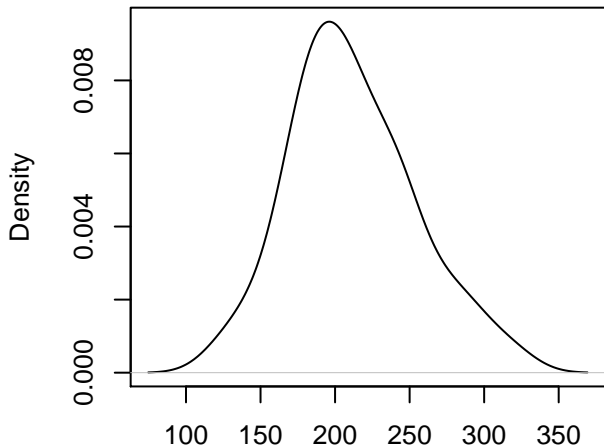
Insert size, N =33
breakpoint: 11038895 – 11038966 wil-2 edi-0

Bp = 105 line = MAGIC.149 , Chr = 4



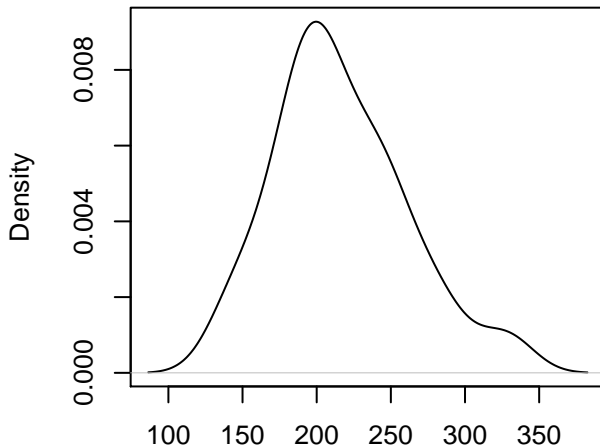
Insert size, N =53
breakpoint: 12068868 – 12068897 edi-0 no-0

Bp = 106 line = MAGIC.149 , Chr = 4



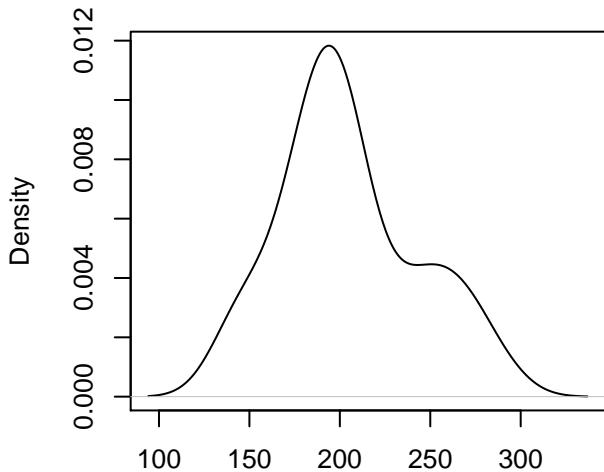
Insert size, N =38
breakpoint: 16770414 – 16770726 no-0 oy-0

Bp = 107 line = MAGIC.149 , Chr = 4



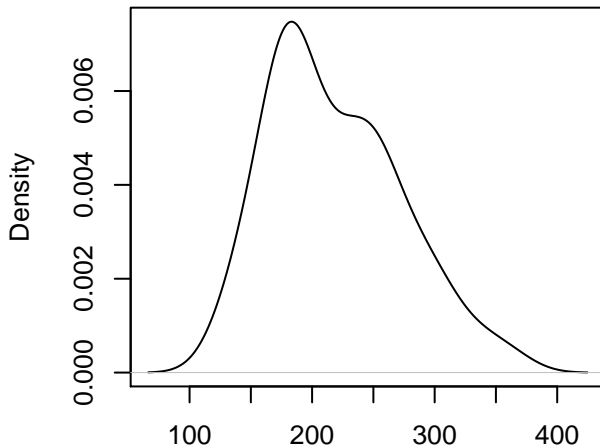
Insert size, N =45
breakpoint: 17776209 – 17776210 oy-0 rsch-4

Bp = 108 line = MAGIC.149 , Chr = 5



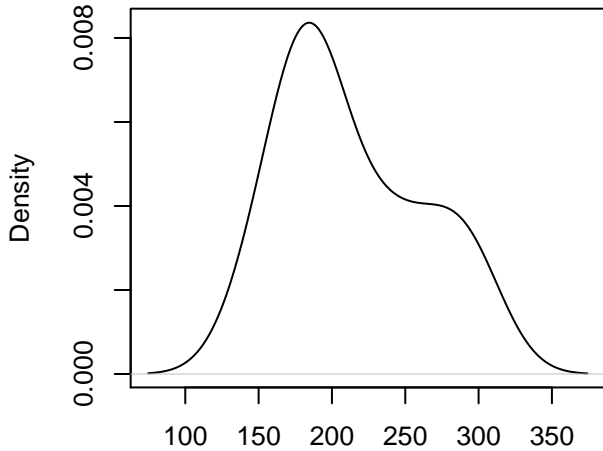
Insert size, N =41
breakpoint: 5665420 – 5665421 wil-2 no-0

Bp = 109 line = MAGIC.149 , Chr = 5



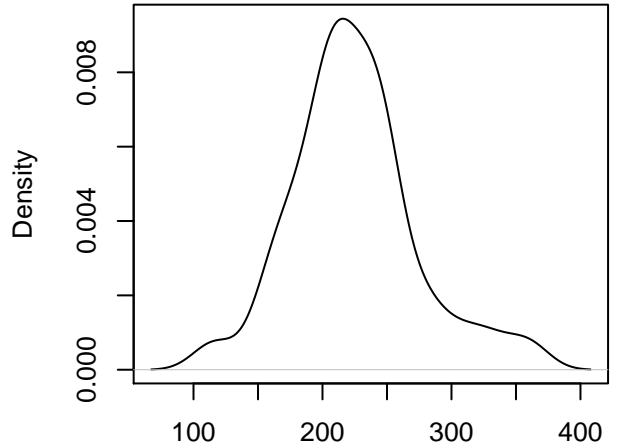
Insert size, N =66
breakpoint: 5668576 – 5668624 no-0 wil-2

Bp = 110 line = MAGIC.149 , Chr = 5



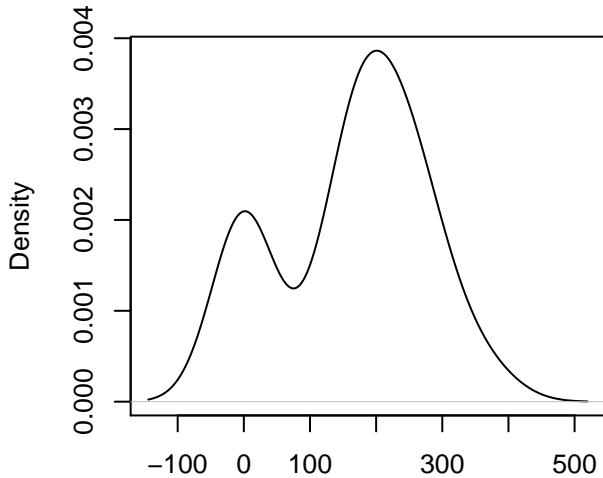
Insert size, N =18
breakpoint: 9653999 – 9654015 wil-2 no-0

Bp = 111 line = MAGIC.149 , Chr = 5



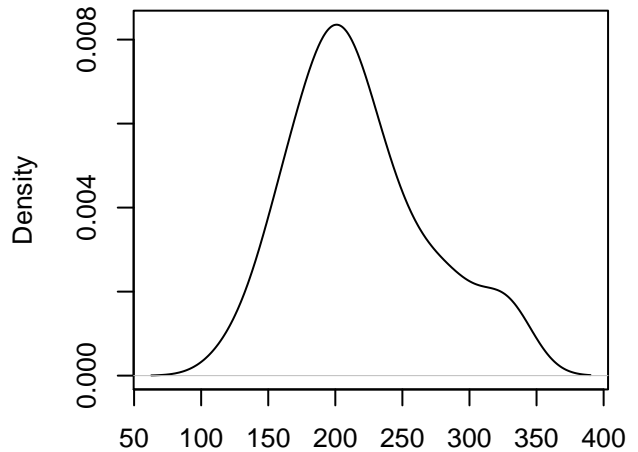
Insert size, N =34
breakpoint: 10105336 – 10105364 no-0 wil-2

Bp = 112 line = MAGIC.149 , Chr = 5



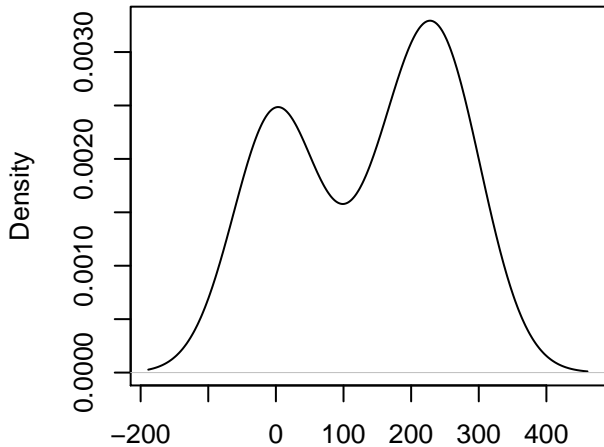
Insert size, N =36
breakpoint: 15593138 – 15593196 wil-2 wu-0

Bp = 113 line = MAGIC.149 , Chr = 5



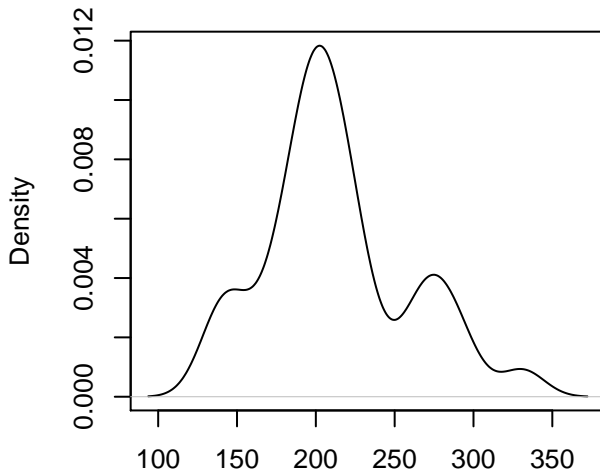
Insert size, N =49
breakpoint: 16107653 – 16107686 wu-0 wil-2

Bp = 114 line = MAGIC.149 , Chr = 5



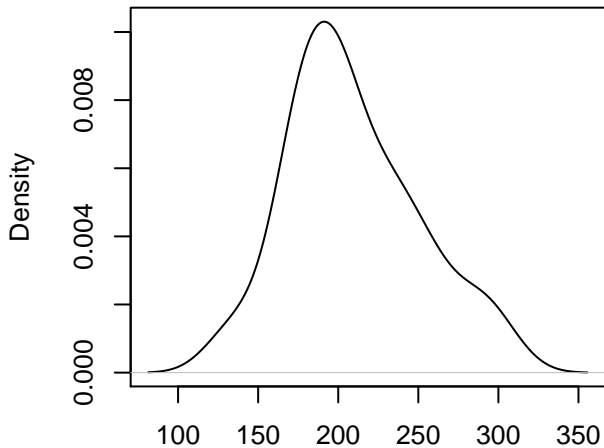
Insert size, N =13
breakpoint: 16561088 – 16561094 wil-2 wu-0

Bp = 115 line = MAGIC.149 , Chr = 5



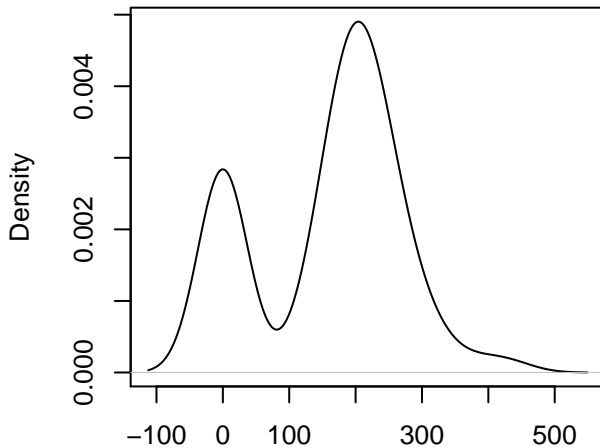
Insert size, N =32
breakpoint: 17283182 – 17283324 wu-0 wil-2

Bp = 116 line = MAGIC.149 , Chr = 5



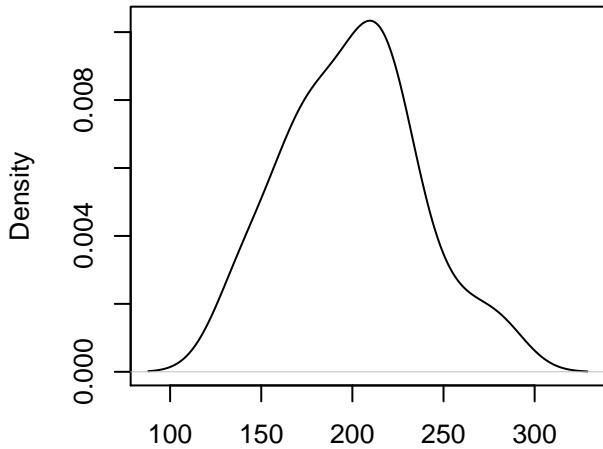
Insert size, N =55
breakpoint: 18369403 – 18369614 wil-2 wu-0

Bp = 117 line = MAGIC.149 , Chr = 5



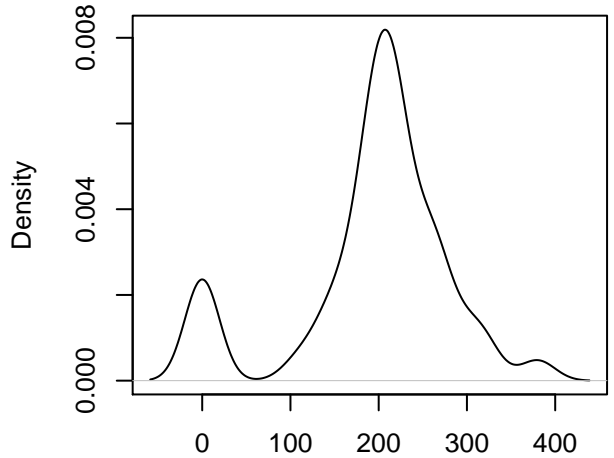
Insert size, N =120
breakpoint: 18447214 – 18447289 wu-0 wil-2

Bp = 118 line = MAGIC.149 , Chr = 5



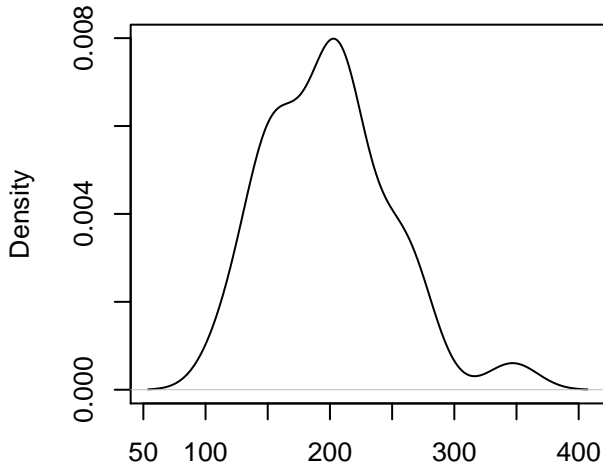
Insert size, N =35
breakpoint: 18931498 – 18931500 wil-2 edi-0

Bp = 119 line = MAGIC.149 , Chr = 5



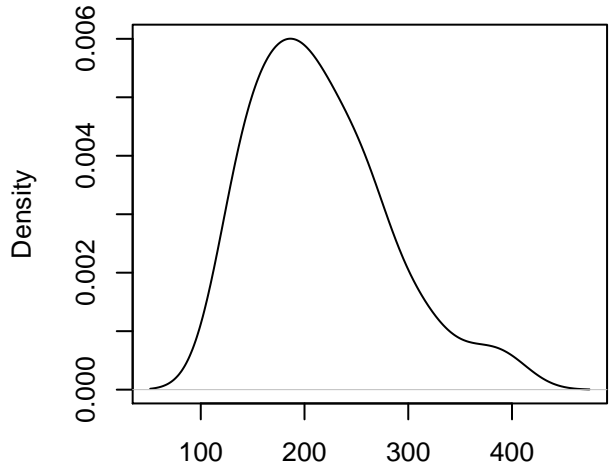
Insert size, N =43
breakpoint: 20260955 – 20261152 edi-0 wil-2

Bp = 120 line = MAGIC.149 , Chr = 5



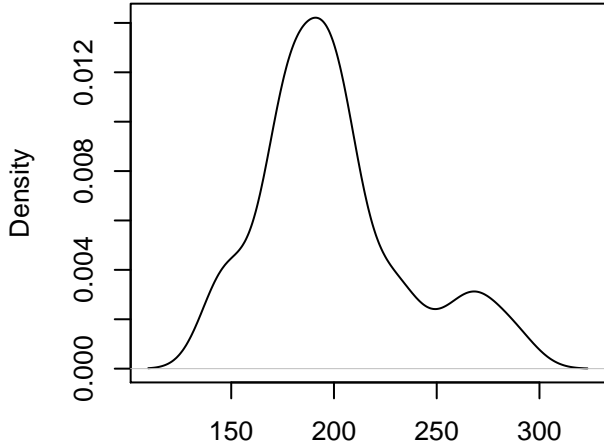
Insert size, N =33
breakpoint: 20526819 – 20526821 wil-2 edi-0

Bp = 121 line = MAGIC.149 , Chr = 5

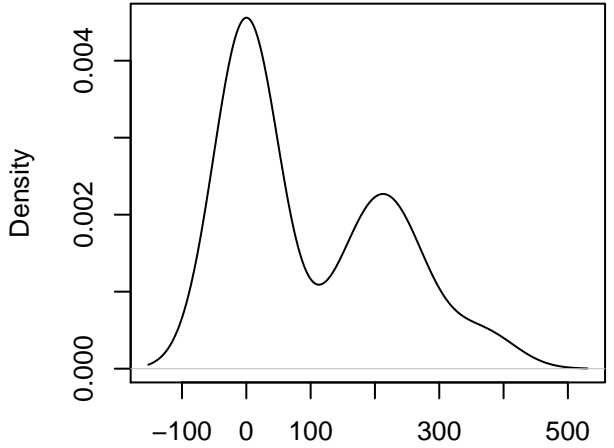


Insert size, N =49
breakpoint: 21178718 – 21178723 edi-0 no-0

Bp = 122 line = MAGIC.149 , Chr = 5



Bp = 123 line = MAGIC.149 , Chr = 5



Bp = 124 line = MAGIC.149 , Chr = 5

