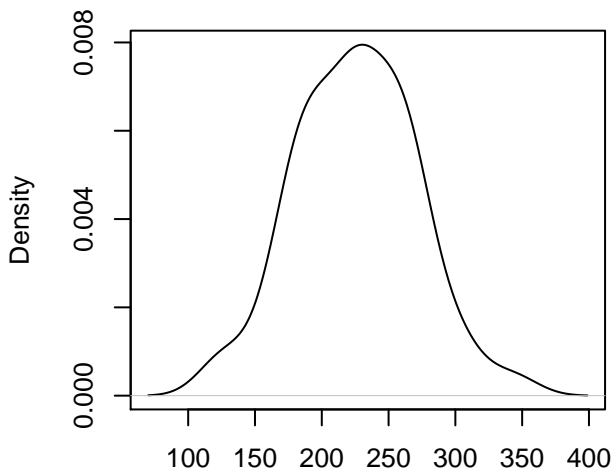
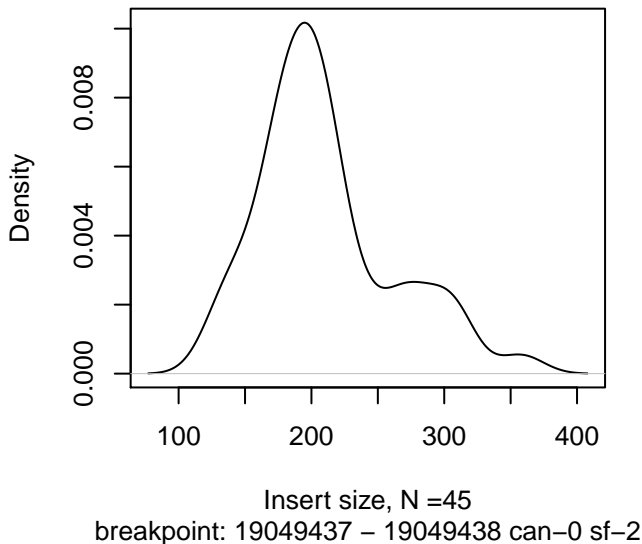


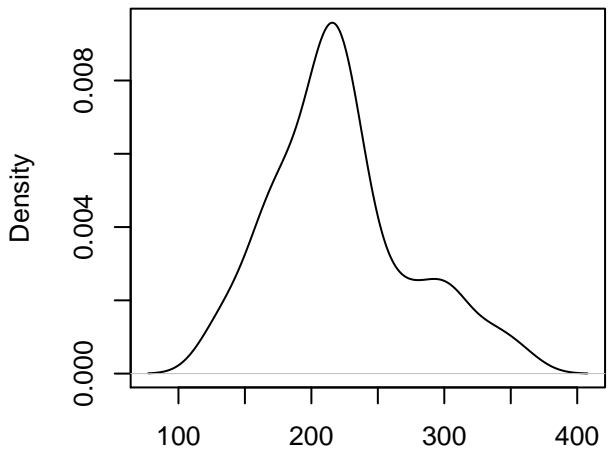
Bp = 1 line = MAGIC.105 , Chr = 1



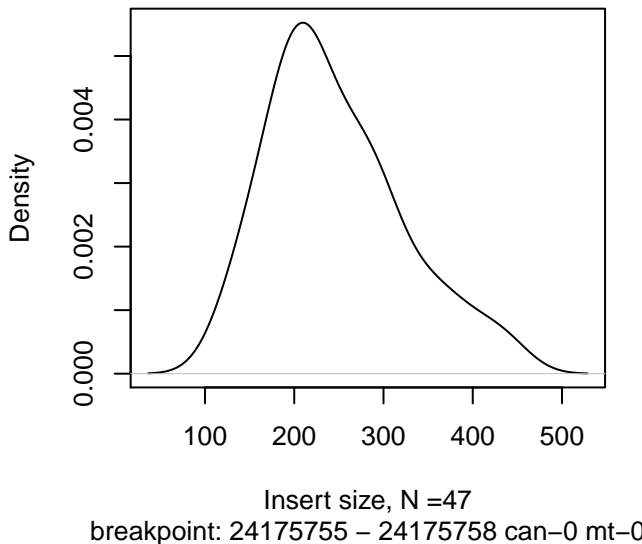
Bp = 2 line = MAGIC.105 , Chr = 1



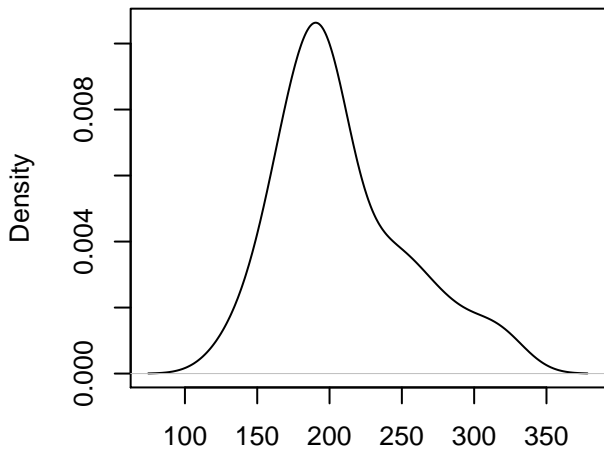
Bp = 3 line = MAGIC.105 , Chr = 1



Bp = 4 line = MAGIC.105 , Chr = 1

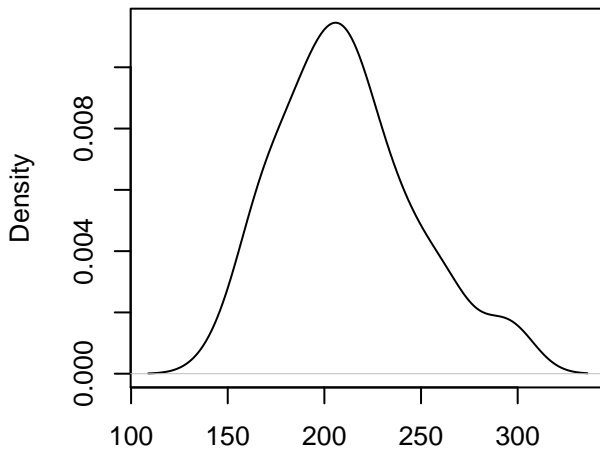


Bp = 5 line = MAGIC.105 , Chr = 1



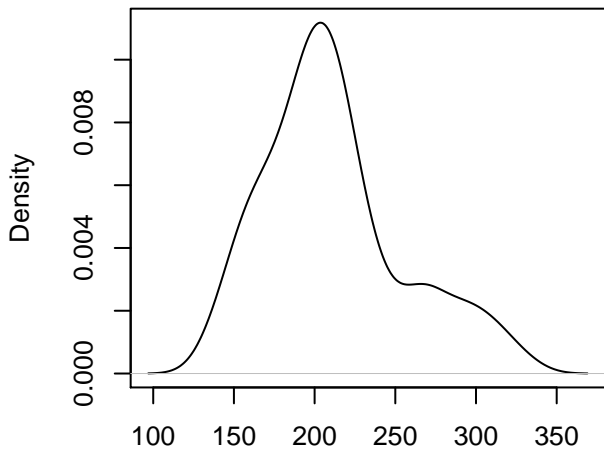
Insert size, N =61
breakpoint: 24177169 – 24177175 mt-0 can-0

Bp = 6 line = MAGIC.105 , Chr = 1



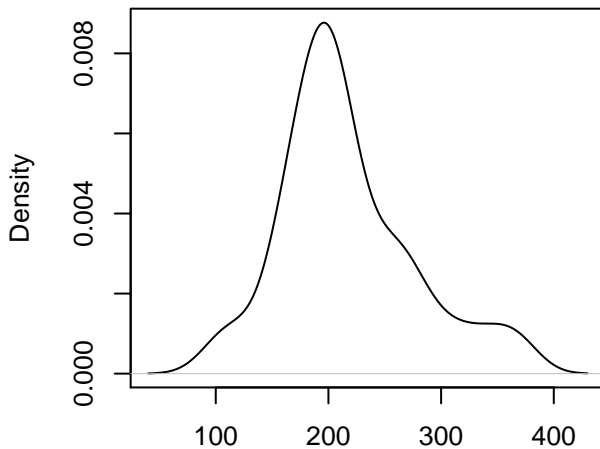
Insert size, N =37
breakpoint: 25732351 – 25732414 can-0 sf-2

Bp = 7 line = MAGIC.105 , Chr = 2



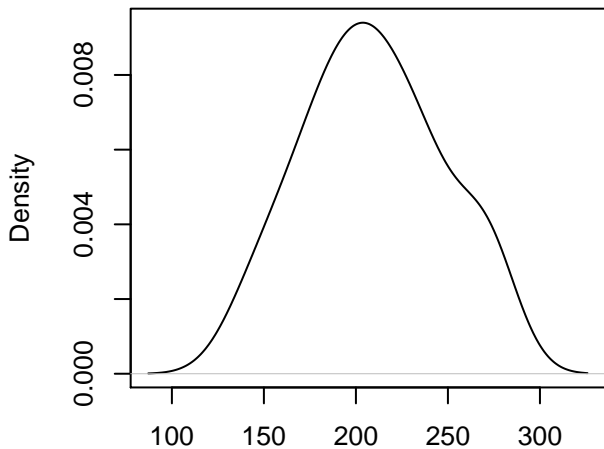
Insert size, N =127
breakpoint: 67061 – 67077 po-0 sf-2

Bp = 8 line = MAGIC.105 , Chr = 2



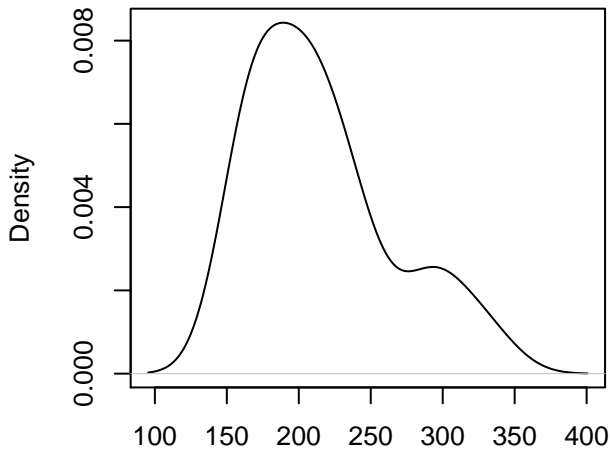
Insert size, N =55
breakpoint: 1496124 – 1496153 sf-2 wil-2

Bp = 9 line = MAGIC.105 , Chr = 2



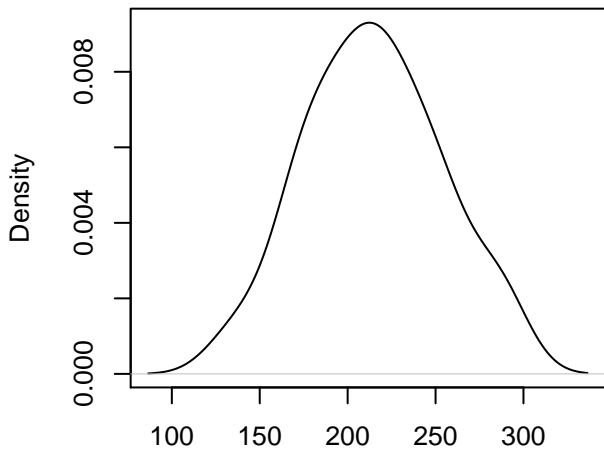
Insert size, N =40
breakpoint: 2242351 – 2242361 wil-2 ler-0

Bp = 10 line = MAGIC.105 , Chr = 2



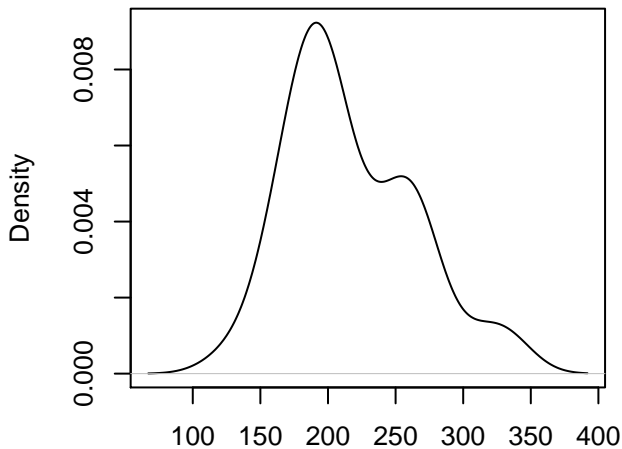
Insert size, N =46
breakpoint: 13373200 – 13373550 ler-0 hi-0

Bp = 11 line = MAGIC.105 , Chr = 3



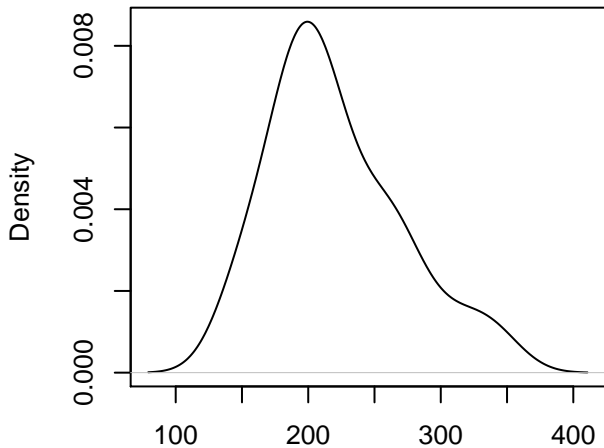
Insert size, N =21
breakpoint: 5373204 – 5373212 sf-2 oy-0

Bp = 12 line = MAGIC.105 , Chr = 3



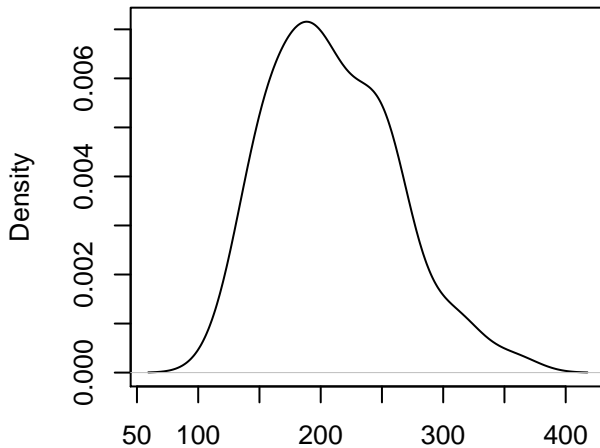
Insert size, N =41
breakpoint: 5446917 – 5447030 oy-0 kn-0

Bp = 13 line = MAGIC.105 , Chr = 3



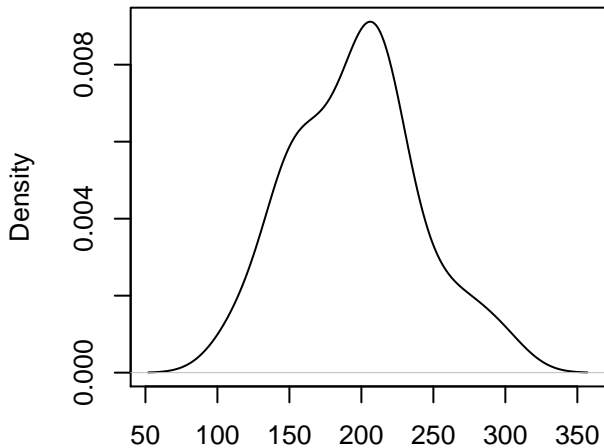
Insert size, N =43
breakpoint: 9894925 – 9894983 kn-0 tsu-0

Bp = 14 line = MAGIC.105 , Chr = 4



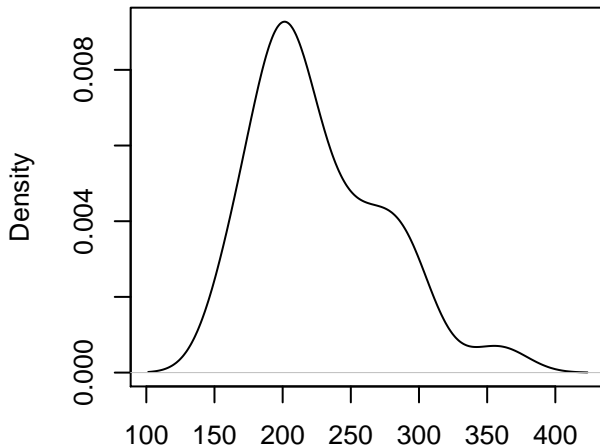
Insert size, N =64
breakpoint: 123599 – 123600 tsu-0 zu-0

Bp = 15 line = MAGIC.105 , Chr = 4



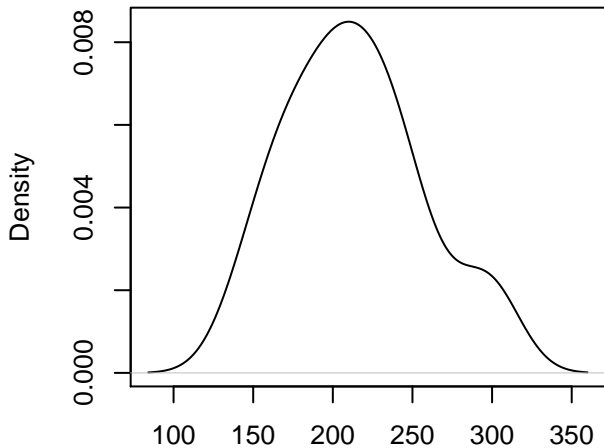
Insert size, N =46
breakpoint: 126589 – 126646 zu-0 tsu-0

Bp = 16 line = MAGIC.105 , Chr = 4

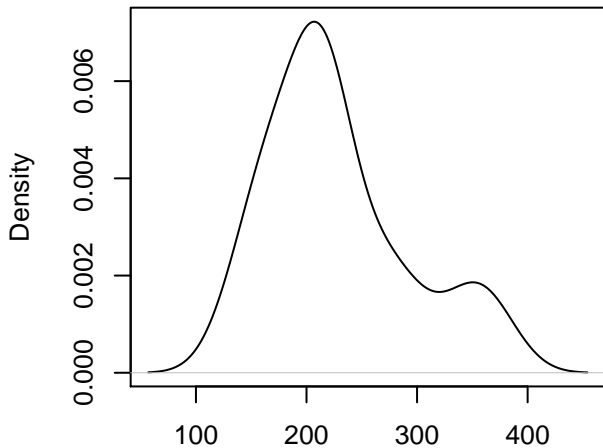


Insert size, N =57
breakpoint: 528694 – 528707 tsu-0 po-0

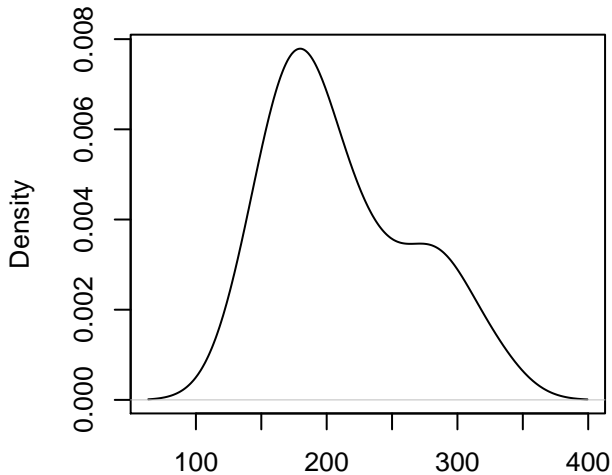
Bp = 17 line = MAGIC.105 , Chr = 4



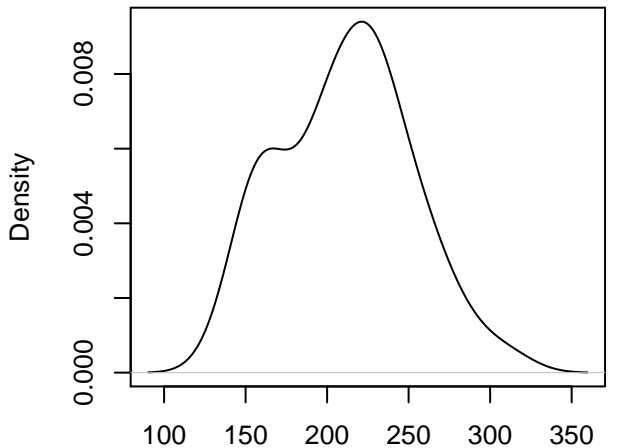
Bp = 18 line = MAGIC.105 , Chr = 4



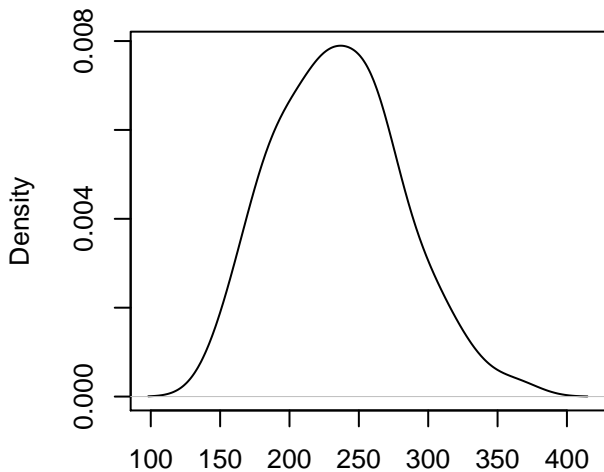
Bp = 19 line = MAGIC.105 , Chr = 4



Bp = 20 line = MAGIC.105 , Chr = 4

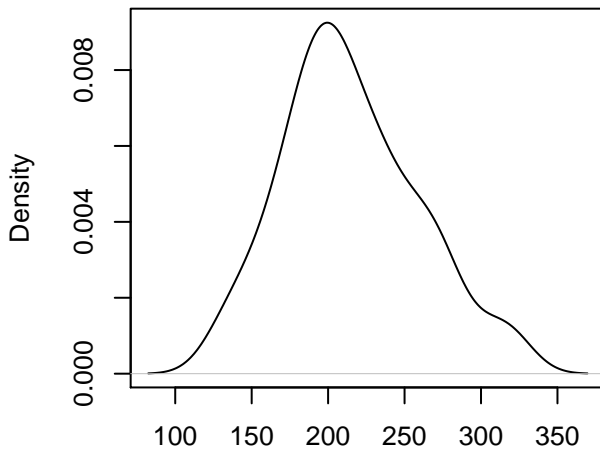


Bp = 21 line = MAGIC.105 , Chr = 4



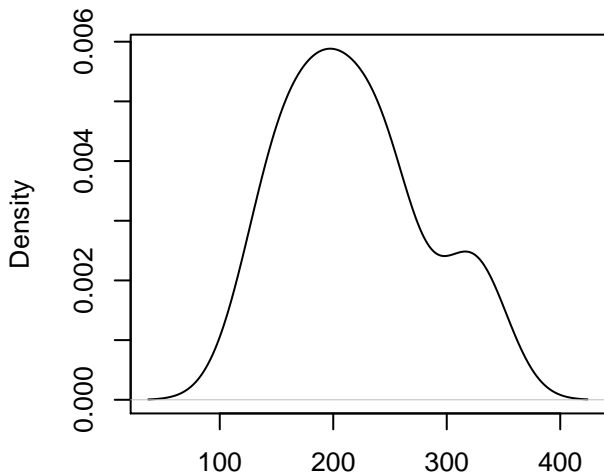
Insert size, N =73
breakpoint: 1675614 – 1675647 po-0 wu-0

Bp = 22 line = MAGIC.105 , Chr = 4



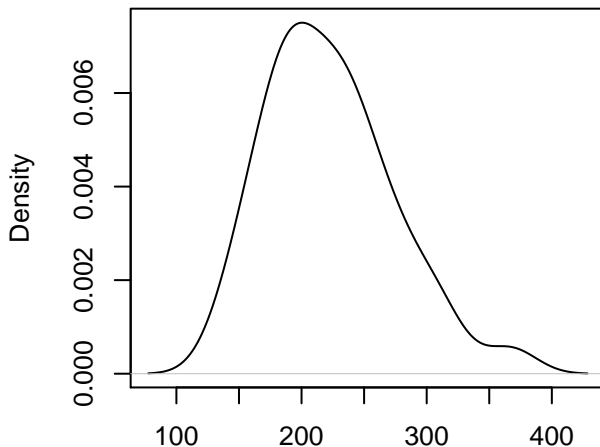
Insert size, N =60
breakpoint: 2198157 – 2198303 wu-0 tsu-0

Bp = 23 line = MAGIC.105 , Chr = 4



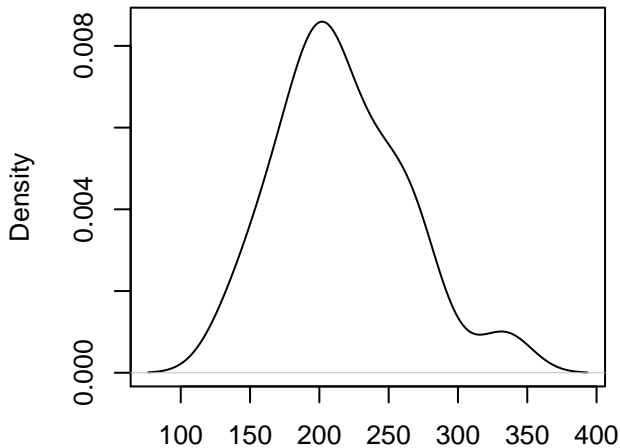
Insert size, N =35
breakpoint: 2379935 – 2380007 tsu-0 edi-0

Bp = 24 line = MAGIC.105 , Chr = 4



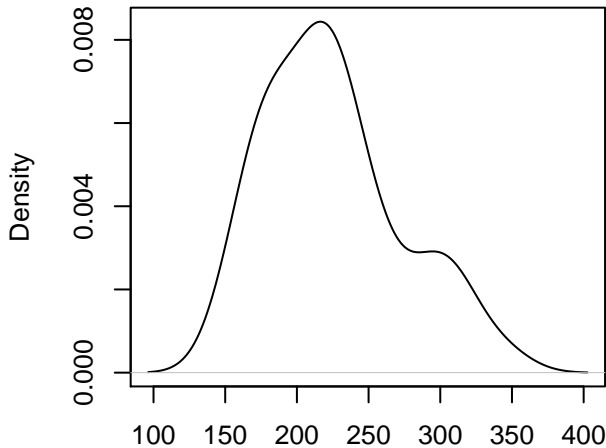
Insert size, N =36
breakpoint: 2418330 – 2418386 edi-0 wu-0

Bp = 25 line = MAGIC.105 , Chr = 4



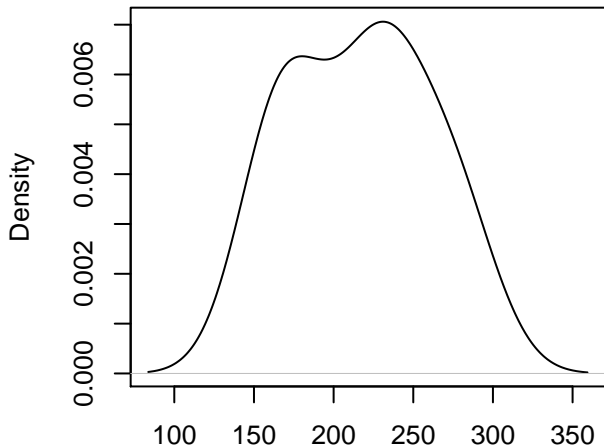
Insert size, N =43
breakpoint: 2489550 – 2489583 wu-0 po-0

Bp = 27 line = MAGIC.105 , Chr = 4



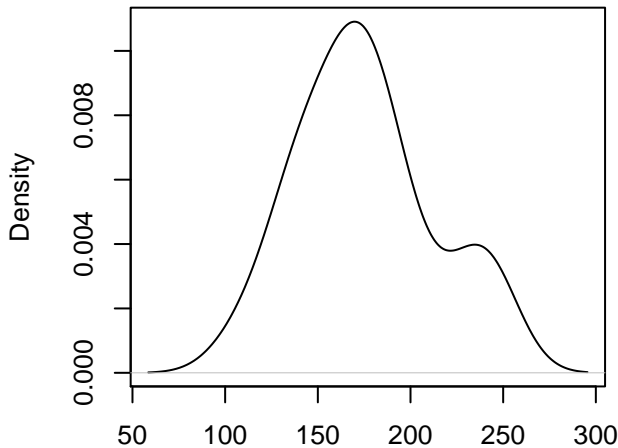
Insert size, N =42
breakpoint: 2782570 – 2782662 zu-0 wu-0

Bp = 28 line = MAGIC.105 , Chr = 4



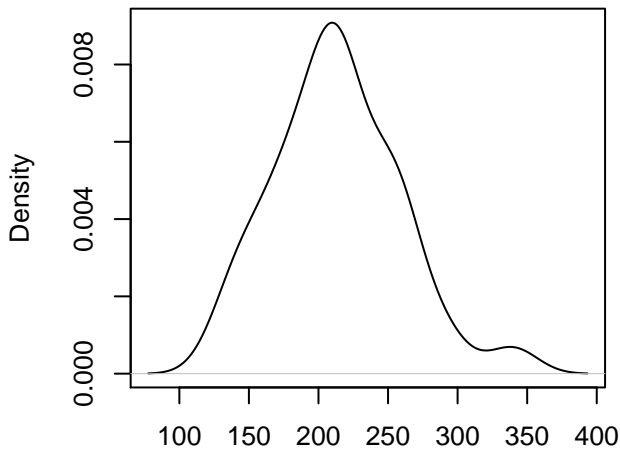
Insert size, N =10
breakpoint: 4366516 – 4366686 wu-0 ler-0

Bp = 30 line = MAGIC.105 , Chr = 4



Insert size, N =22
breakpoint: 6934070 – 6935403 po-0 wu-0

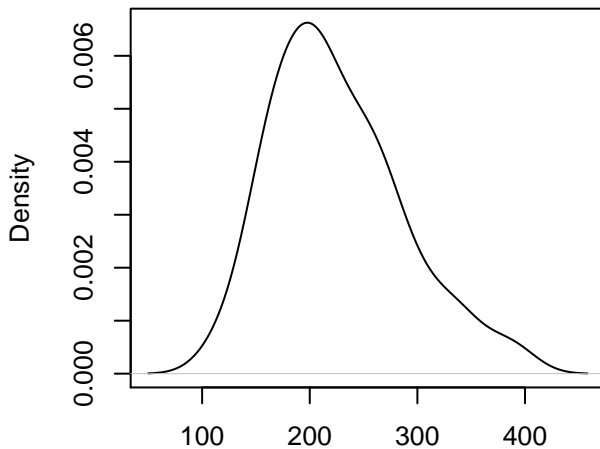
Bp = 31 line = MAGIC.105 , Chr = 4



Insert size, N =68

breakpoint: 7086256 – 7086277 wu-0 po-0

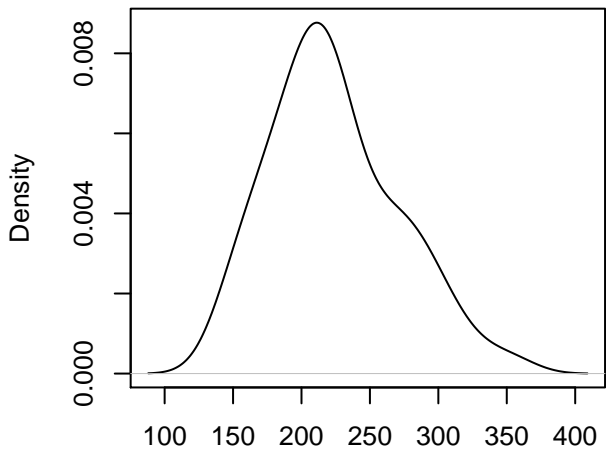
Bp = 32 line = MAGIC.105 , Chr = 4



Insert size, N =64

breakpoint: 7463317 – 7463330 po-0 tsu-0

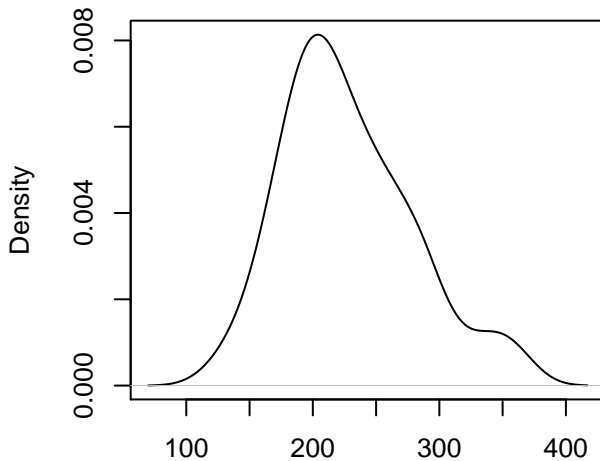
Bp = 33 line = MAGIC.105 , Chr = 4



Insert size, N =65

breakpoint: 7604425 – 7604437 tsu-0 po-0

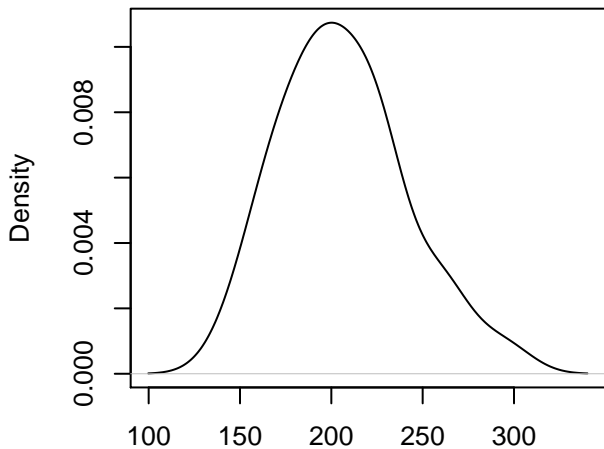
Bp = 34 line = MAGIC.105 , Chr = 4



Insert size, N =75

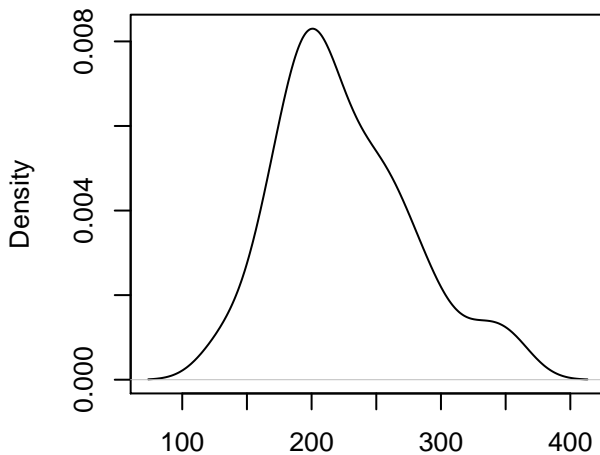
breakpoint: 7648780 – 7648786 po-0 edi-0

Bp = 35 line = MAGIC.105 , Chr = 4



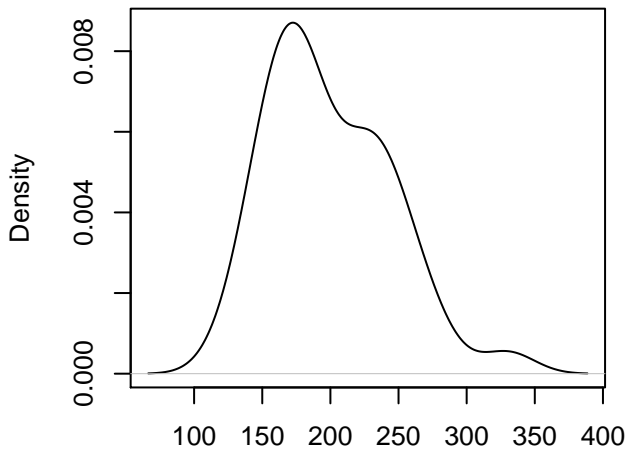
Insert size, N =29
breakpoint: 7766115 – 7766125 edi-0 po-0

Bp = 36 line = MAGIC.105 , Chr = 4



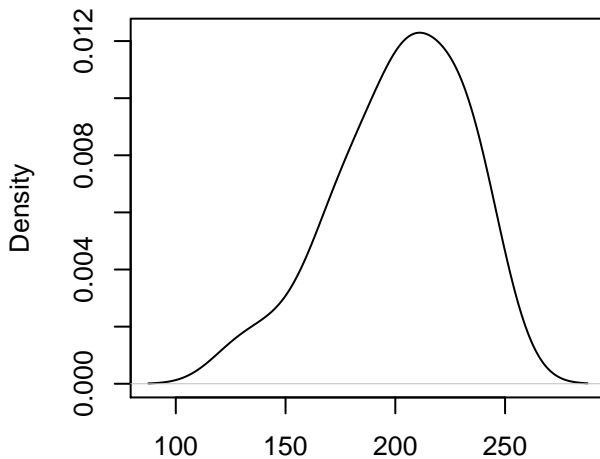
Insert size, N =51
breakpoint: 8540126 – 8540280 po-0 edi-0

Bp = 37 line = MAGIC.105 , Chr = 4



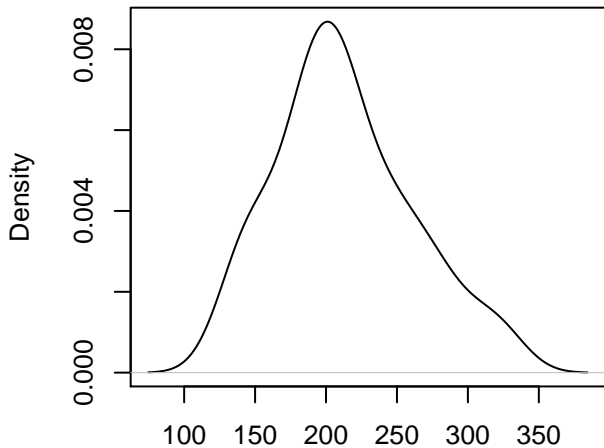
Insert size, N =38
breakpoint: 8607332 – 8607333 edi-0 zu-0

Bp = 38 line = MAGIC.105 , Chr = 4



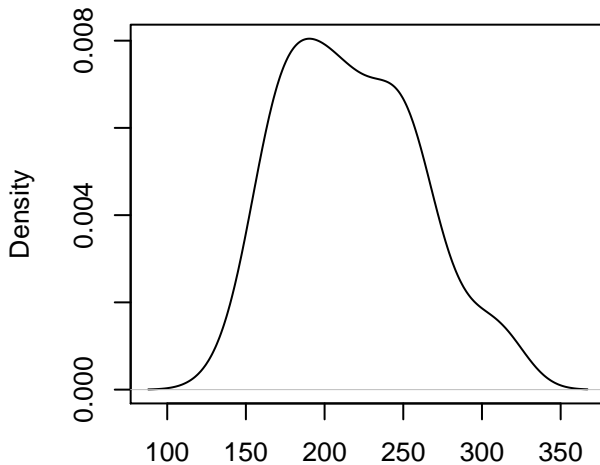
Insert size, N =30
breakpoint: 8785668 – 8785677 zu-0 po-0

Bp = 39 line = MAGIC.105 , Chr = 4



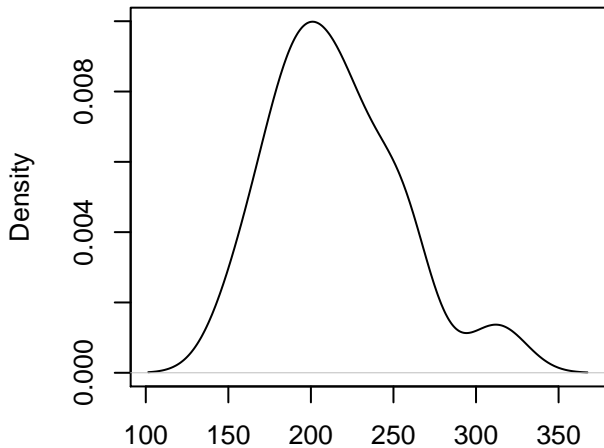
Insert size, N =60
breakpoint: 8926238 – 8926241 po-0 zu-0

Bp = 40 line = MAGIC.105 , Chr = 4



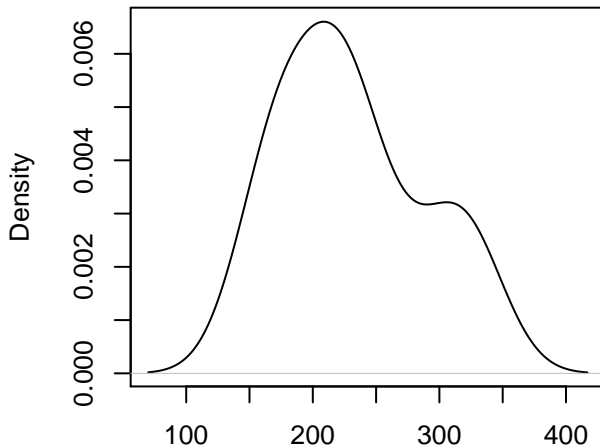
Insert size, N =64
breakpoint: 8955112 – 8955437 zu-0 po-0

Bp = 41 line = MAGIC.105 , Chr = 4



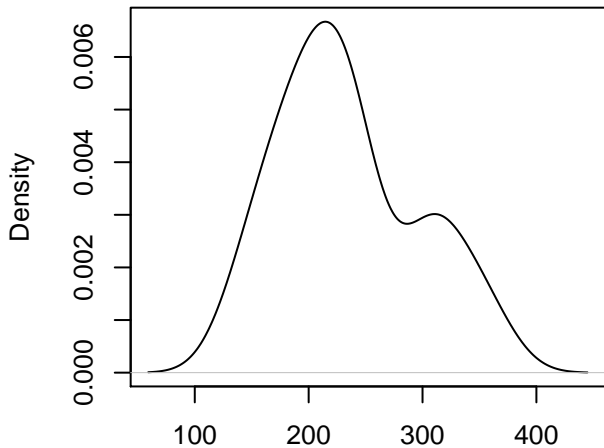
Insert size, N =34
breakpoint: 9154978 – 9155037 po-0 ler-0

Bp = 42 line = MAGIC.105 , Chr = 4



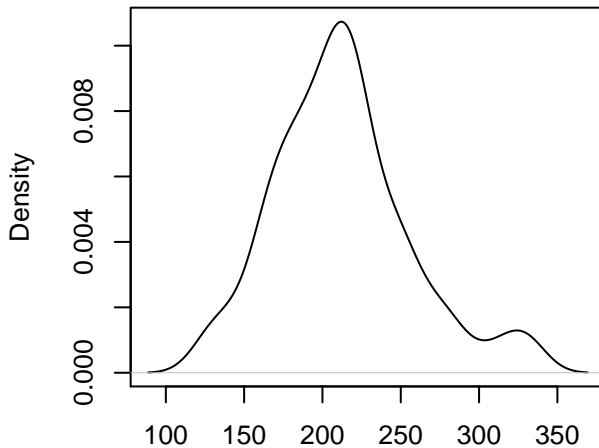
Insert size, N =14
breakpoint: 9175452 – 9175484 ler-0 po-0

Bp = 43 line = MAGIC.105 , Chr = 4



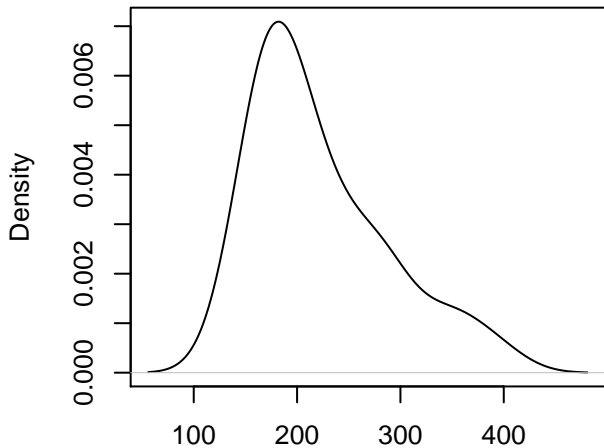
Insert size, N =50
breakpoint: 9480387 – 9480394 po-0 kn-0

Bp = 44 line = MAGIC.105 , Chr = 4



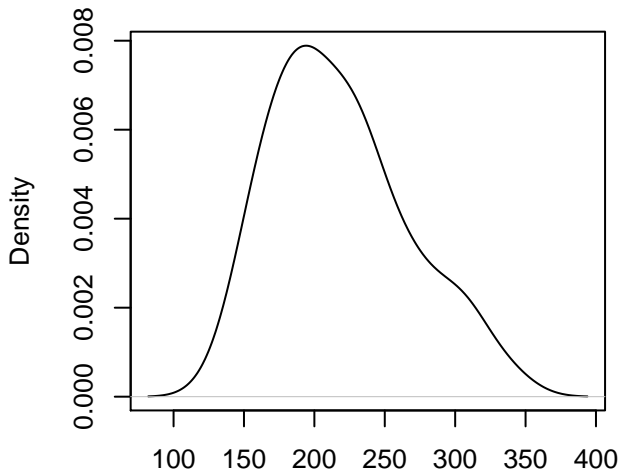
Insert size, N =55
breakpoint: 9582151 – 9582249 kn-0 po-0

Bp = 45 line = MAGIC.105 , Chr = 4



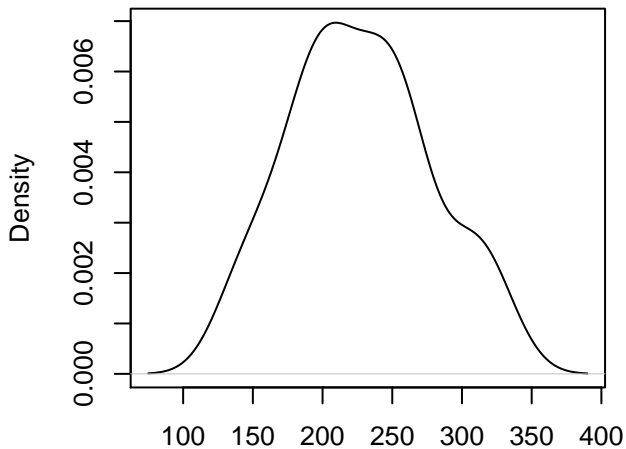
Insert size, N =28
breakpoint: 10161305 – 10161321 po-0 zu-0

Bp = 46 line = MAGIC.105 , Chr = 4



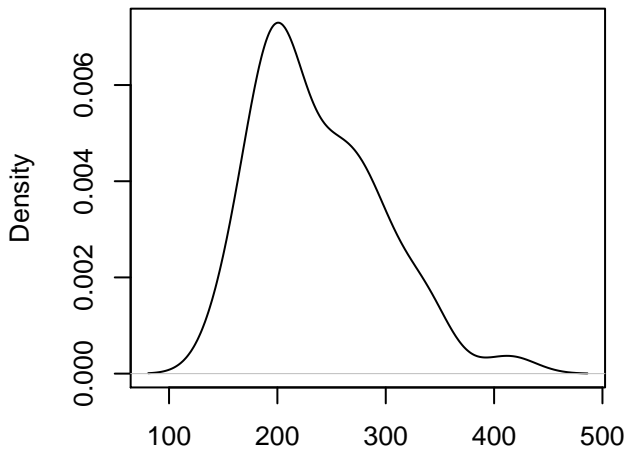
Insert size, N =43
breakpoint: 10274250 – 10274371 zu-0 kn-0

Bp = 47 line = MAGIC.105 , Chr = 4



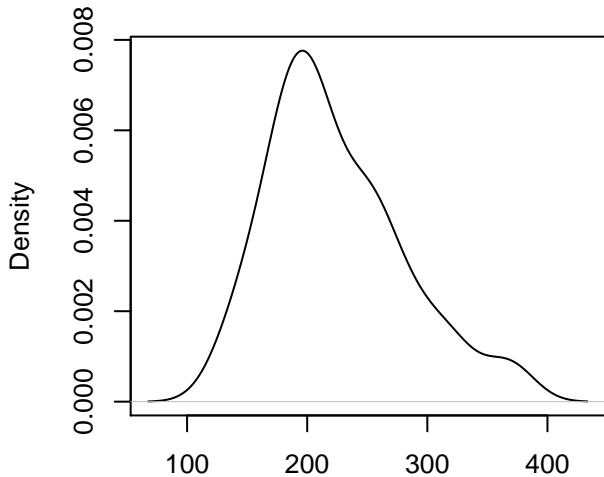
Insert size, N =51
breakpoint: 10303263 – 10303407 kn-0 po-0

Bp = 48 line = MAGIC.105 , Chr = 4



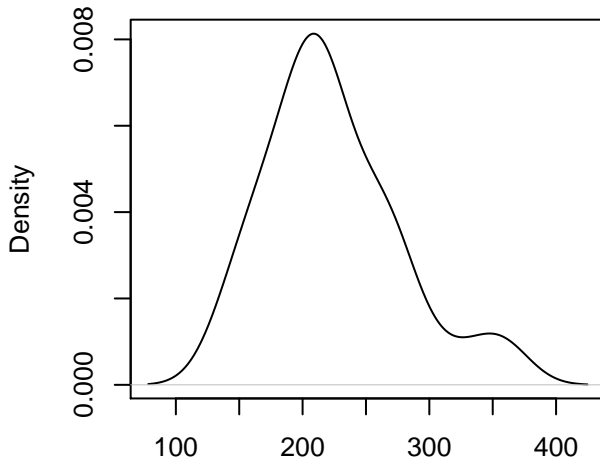
Insert size, N =46
breakpoint: 10398900 – 10398921 po-0 bur-0

Bp = 49 line = MAGIC.105 , Chr = 4



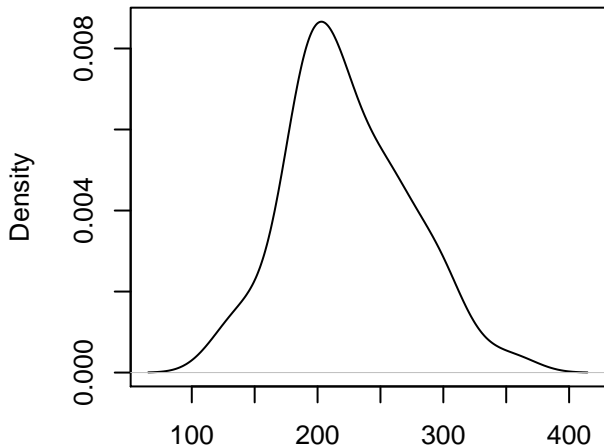
Insert size, N =65
breakpoint: 10453655 – 10453660 bur-0 po-0

Bp = 50 line = MAGIC.105 , Chr = 4



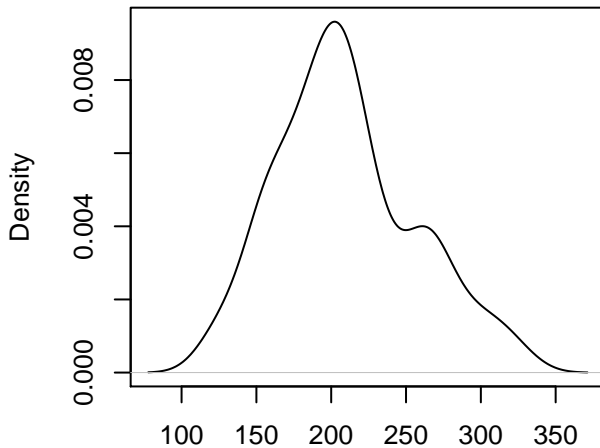
Insert size, N =35
breakpoint: 10580434 – 10580437 po-0 rsch-4

Bp = 51 line = MAGIC.105 , Chr = 4



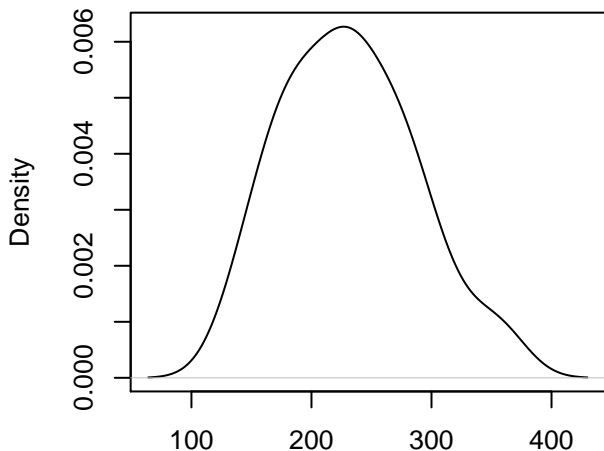
Insert size, N =65
breakpoint: 10699983 – 10700111 rsch-4 po-0

Bp = 52 line = MAGIC.105 , Chr = 4



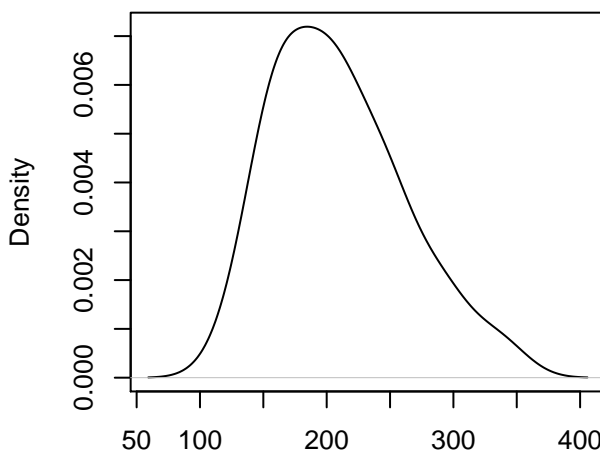
Insert size, N =73
breakpoint: 10898683 – 10898702 po-0 zu-0

Bp = 53 line = MAGIC.105 , Chr = 4



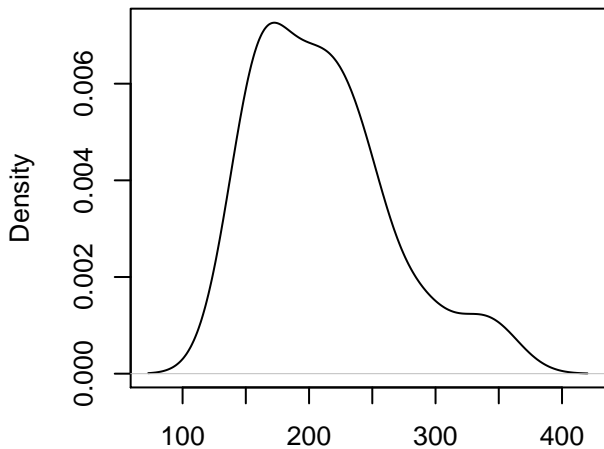
Insert size, N =43
breakpoint: 10932562 – 10932579 zu-0 mt-0

Bp = 54 line = MAGIC.105 , Chr = 4

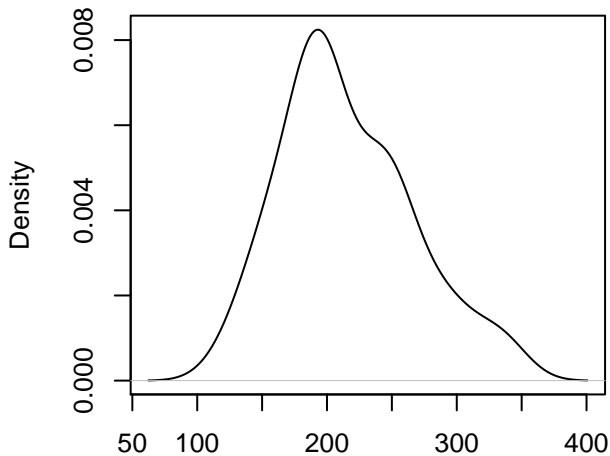


Insert size, N =46
breakpoint: 11181595 – 11181681 mt-0 wu-0

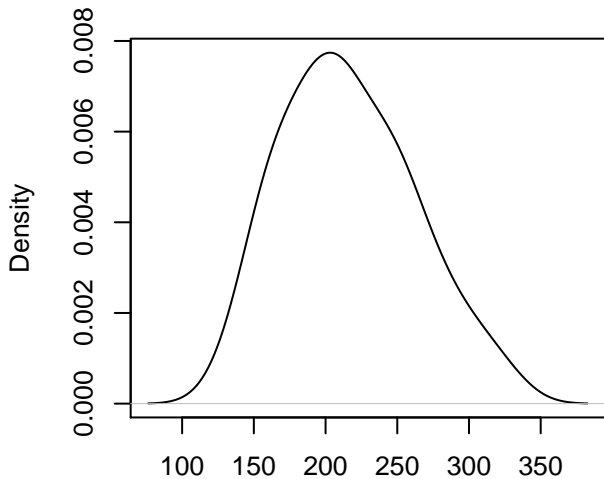
Bp = 55 line = MAGIC.105 , Chr = 4



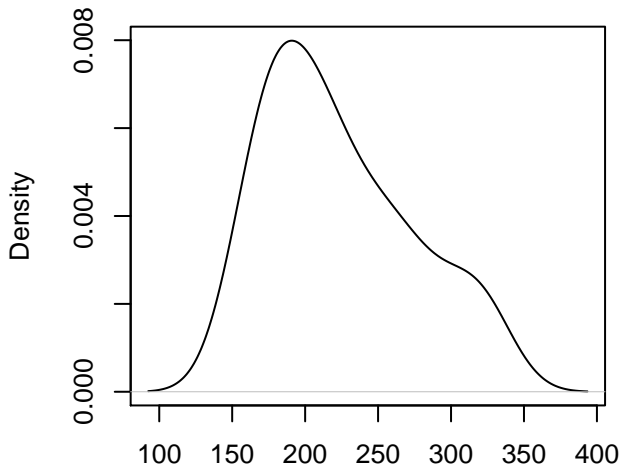
Bp = 56 line = MAGIC.105 , Chr = 4



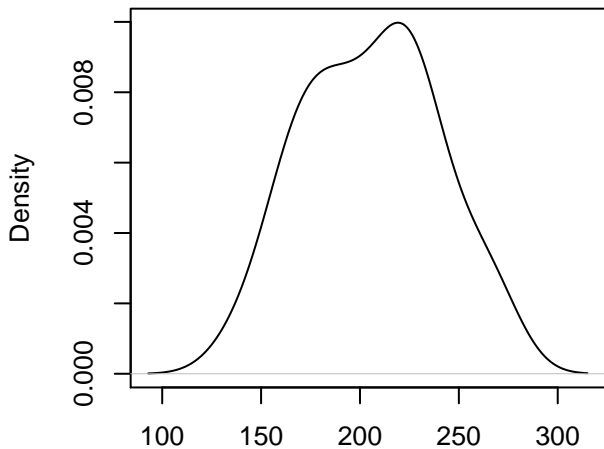
Bp = 57 line = MAGIC.105 , Chr = 4



Bp = 58 line = MAGIC.105 , Chr = 4

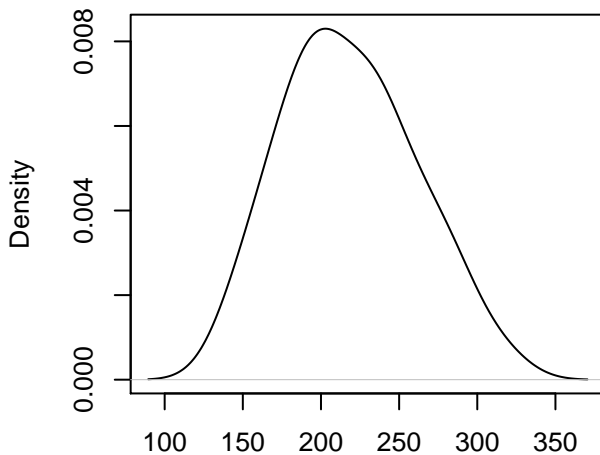


Bp = 59 line = MAGIC.105 , Chr = 4



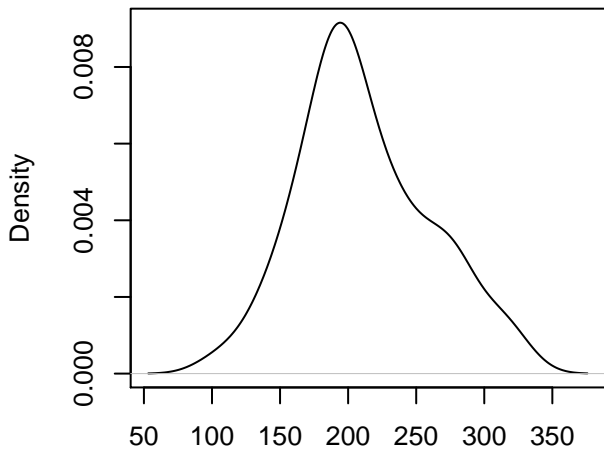
Insert size, N =33
breakpoint: 12003424 – 12003433 col-0 edi-0

Bp = 60 line = MAGIC.105 , Chr = 4



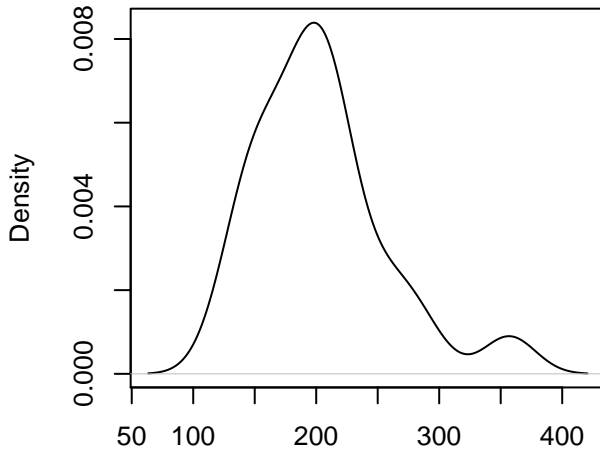
Insert size, N =40
breakpoint: 12118985 – 12118988 edi-0 wu-0

Bp = 61 line = MAGIC.105 , Chr = 4



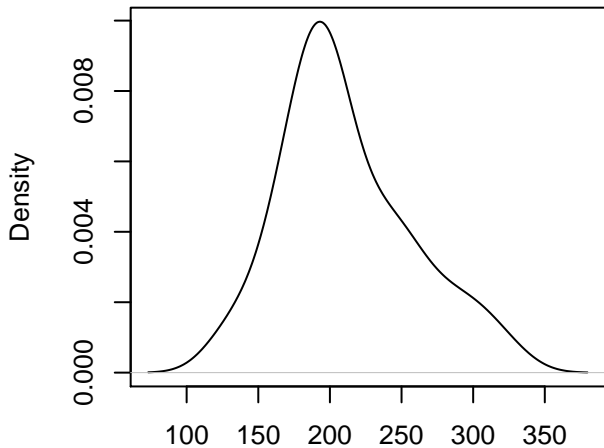
Insert size, N =53
breakpoint: 12127343 – 12127346 wu-0 po-0

Bp = 62 line = MAGIC.105 , Chr = 4



Insert size, N =21
breakpoint: 12624633 – 12624644 po-0 can-0

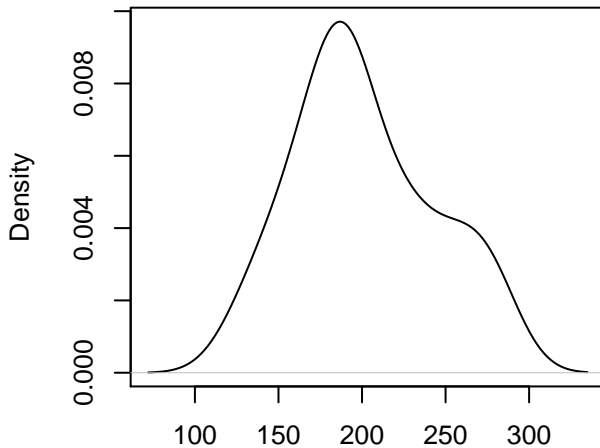
Bp = 63 line = MAGIC.105 , Chr = 4



Insert size, N =46

breakpoint: 13504829 – 13504839 can-0 ler-0

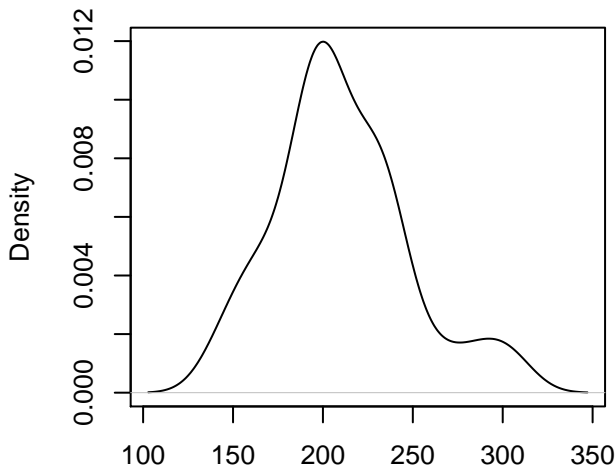
Bp = 64 line = MAGIC.105 , Chr = 4



Insert size, N =35

breakpoint: 13723399 – 13723778 ler-0 can-0

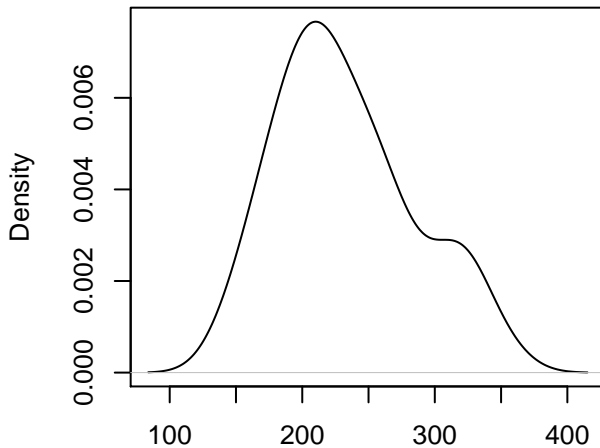
Bp = 65 line = MAGIC.105 , Chr = 4



Insert size, N =39

breakpoint: 14056770 – 14056782 can-0 wu-0

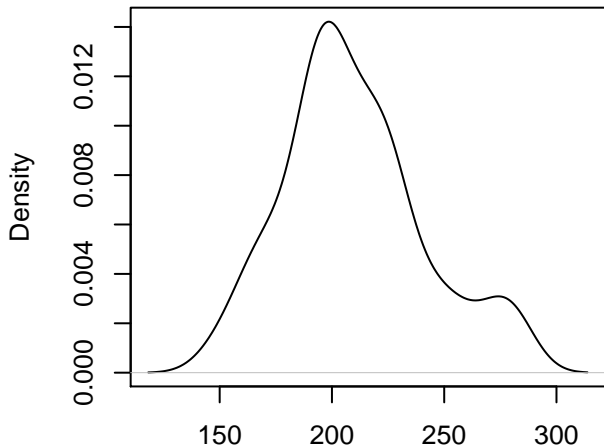
Bp = 66 line = MAGIC.105 , Chr = 4



Insert size, N =60

breakpoint: 14882639 – 14882837 wu-0 rsch-4

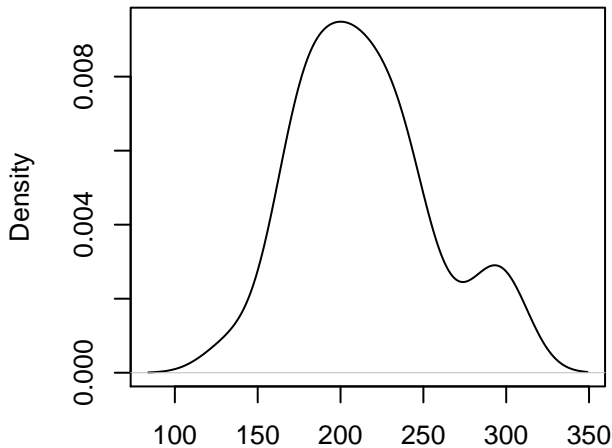
Bp = 67 line = MAGIC.105 , Chr = 4



Insert size, N =43

breakpoint: 15201478 – 15201581 rsch-4 zu-0

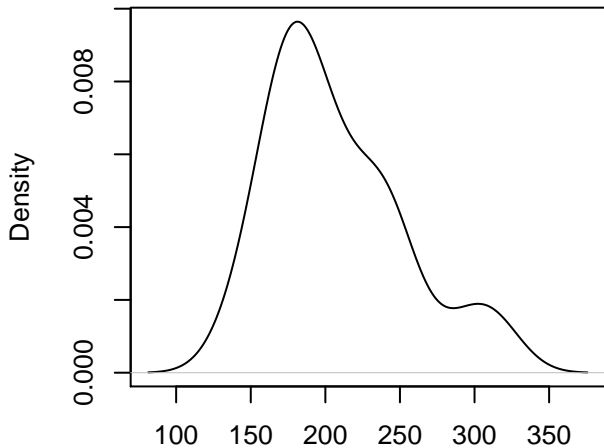
Bp = 68 line = MAGIC.105 , Chr = 4



Insert size, N =33

breakpoint: 15393316 – 15393379 zu-0 po-0

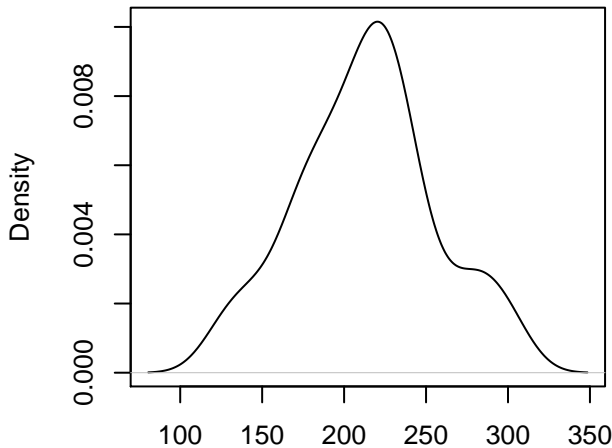
Bp = 69 line = MAGIC.105 , Chr = 4



Insert size, N =37

breakpoint: 15906296 – 15906319 po-0 can-0

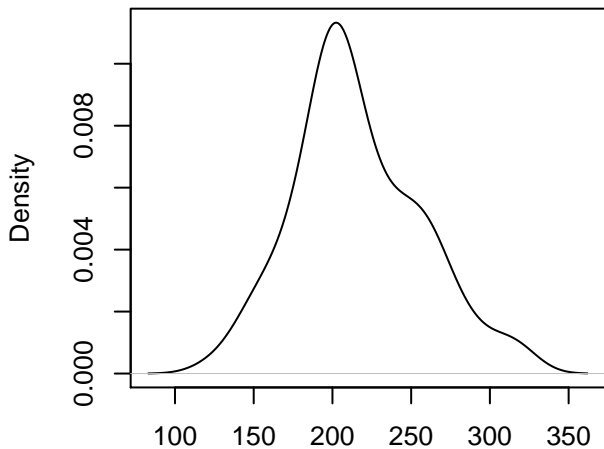
Bp = 70 line = MAGIC.105 , Chr = 4



Insert size, N =70

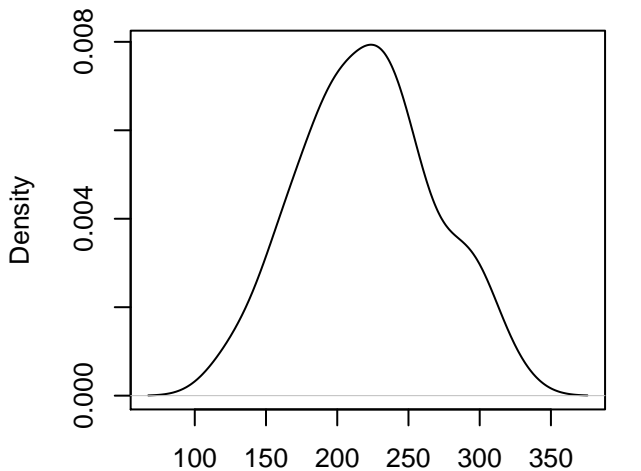
breakpoint: 16440139 – 16440279 can-0 po-0

Bp = 71 line = MAGIC.105 , Chr = 4



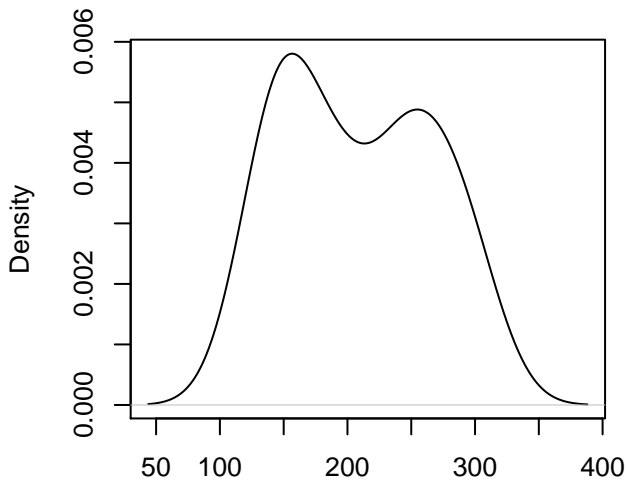
Insert size, N =82
breakpoint: 16612765 – 16612772 po-0 no-0

Bp = 72 line = MAGIC.105 , Chr = 4



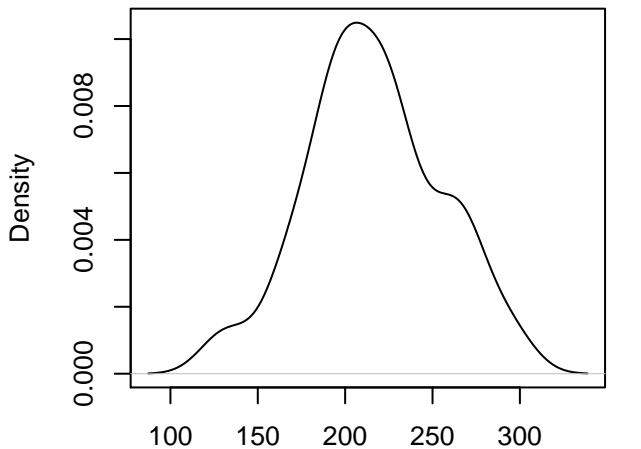
Insert size, N =49
breakpoint: 16696935 – 16696939 no-0 tsu-0

Bp = 73 line = MAGIC.105 , Chr = 4



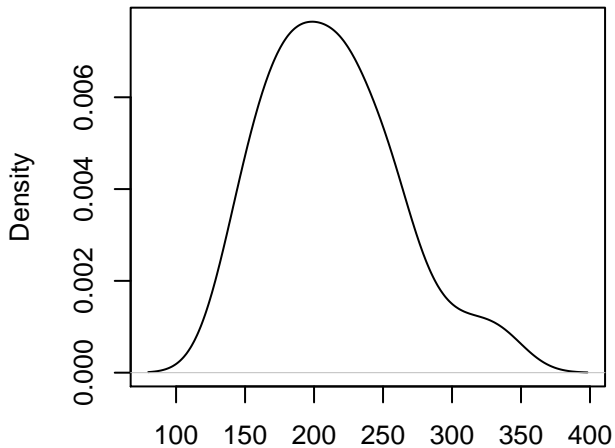
Insert size, N =27
breakpoint: 16734549 – 16734773 tsu-0 kn-0

Bp = 74 line = MAGIC.105 , Chr = 4



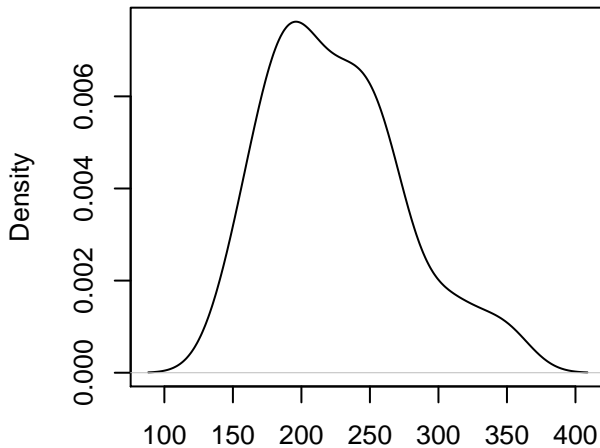
Insert size, N =46
breakpoint: 16880273 – 16880336 kn-0 mt-0

Bp = 75 line = MAGIC.105 , Chr = 4



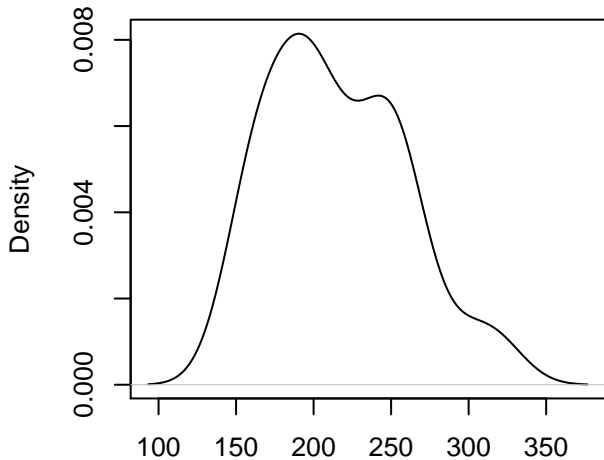
Insert size, N =50
breakpoint: 17156556 – 17157576 mt-0 kn-0

Bp = 76 line = MAGIC.105 , Chr = 4



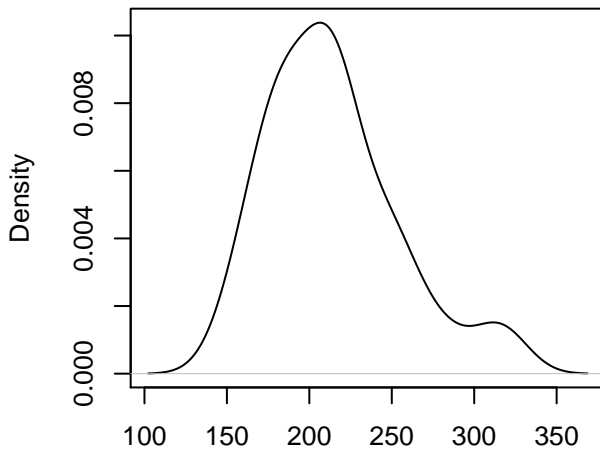
Insert size, N =82
breakpoint: 17273803 – 17273859 kn-0 tsu-0

Bp = 77 line = MAGIC.105 , Chr = 4



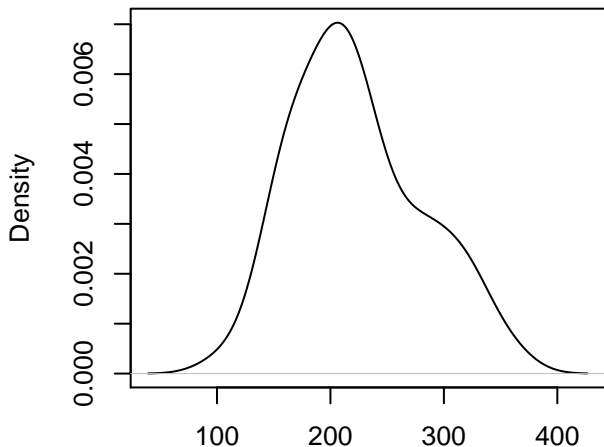
Insert size, N =39
breakpoint: 17444365 – 17444513 tsu-0 bur-0

Bp = 78 line = MAGIC.105 , Chr = 4



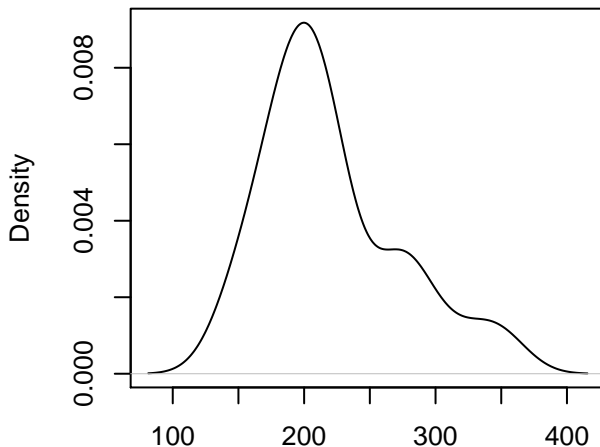
Insert size, N =52
breakpoint: 17510555 – 17510575 bur-0 rsch-4

Bp = 79 line = MAGIC.105 , Chr = 4



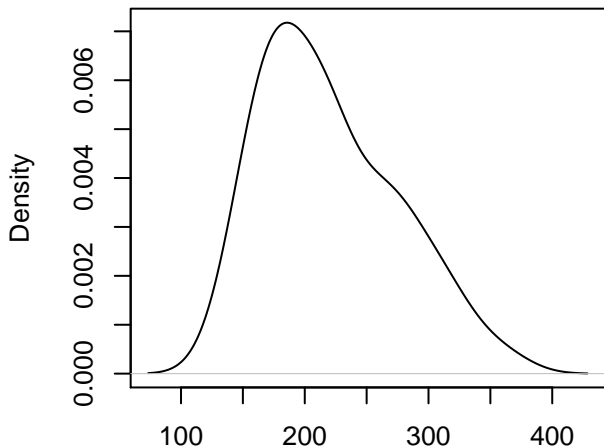
Insert size, N =66
breakpoint: 17560444 – 17560529 rsch-4 no-0

Bp = 80 line = MAGIC.105 , Chr = 4



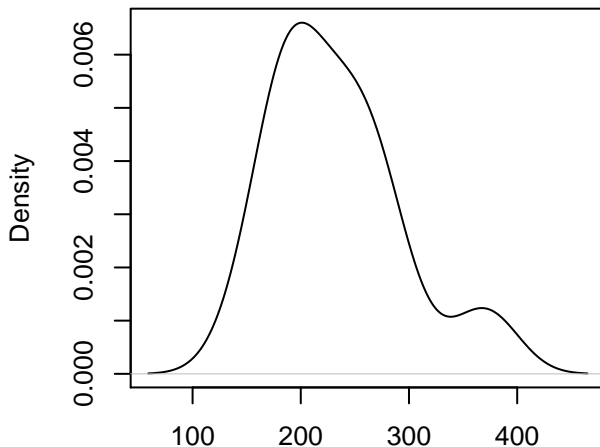
Insert size, N =28
breakpoint: 17681330 – 17681371 no-0 po-0

Bp = 81 line = MAGIC.105 , Chr = 4



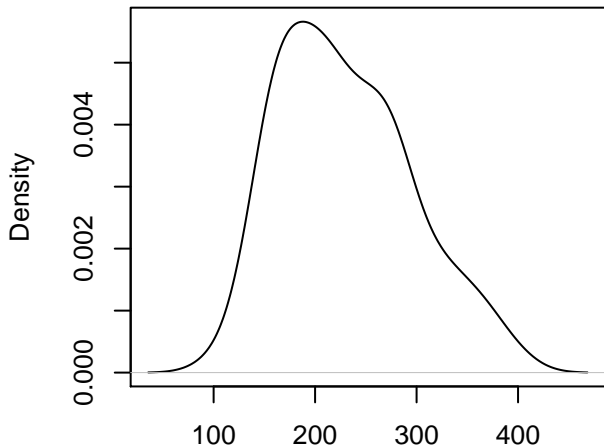
Insert size, N =46
breakpoint: 17794674 – 17794714 po-0 tsu-0

Bp = 82 line = MAGIC.105 , Chr = 4



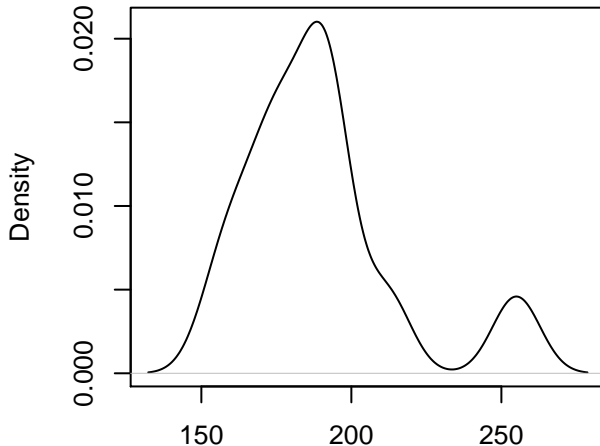
Insert size, N =22
breakpoint: 18319817 – 18319892 tsu-0 hi-0

Bp = 83 line = MAGIC.105 , Chr = 5



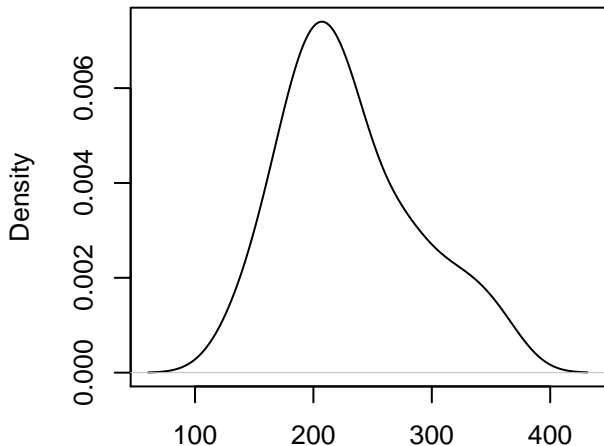
Insert size, N =61
breakpoint: 13770649 – 13770690 hi-0 tsu-0

Bp = 84 line = MAGIC.105 , Chr = 5



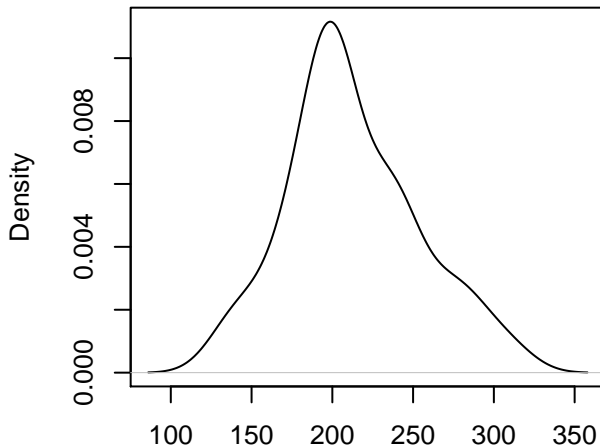
Insert size, N =11
breakpoint: 14082893 – 14082905 tsu-0 hi-0

Bp = 85 line = MAGIC.105 , Chr = 5



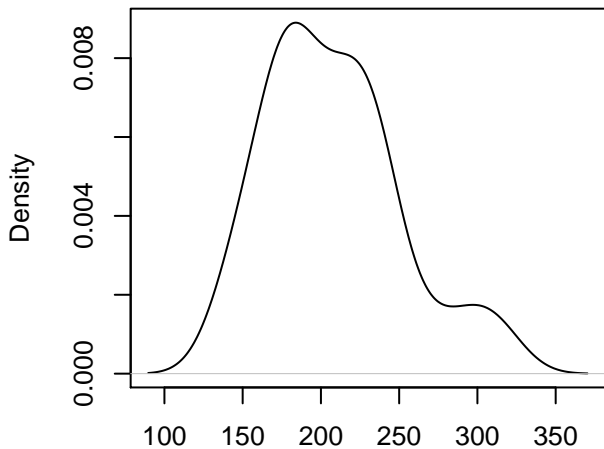
Insert size, N =57
breakpoint: 14543041 – 14543069 hi-0 wu-0

Bp = 86 line = MAGIC.105 , Chr = 5



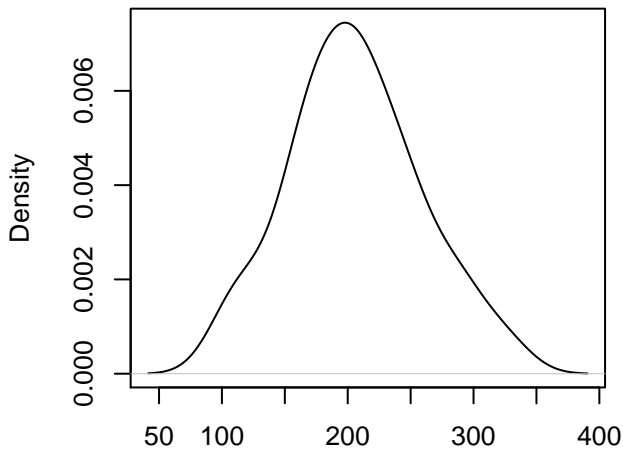
Insert size, N =39
breakpoint: 14883785 – 14883803 wu-0 wil-2

Bp = 87 line = MAGIC.105 , Chr = 5



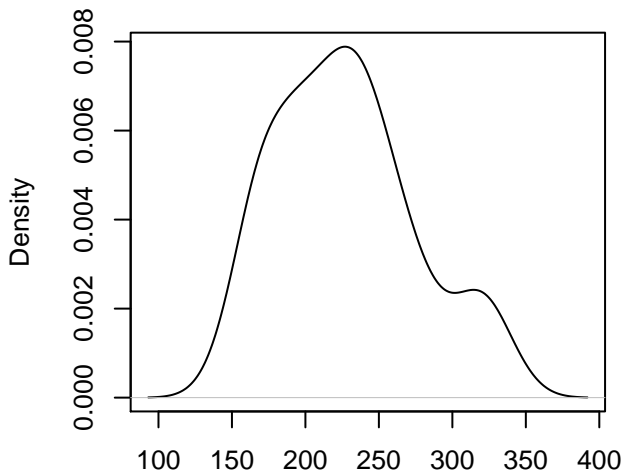
Insert size, N =53
breakpoint: 16644410 – 16644427 wil-2 edi-0

Bp = 88 line = MAGIC.105 , Chr = 5



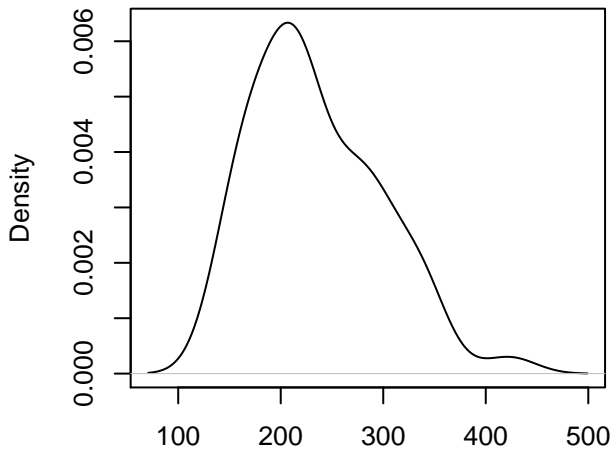
Insert size, N =55
breakpoint: 20290418 – 20290419 edi-0 can-0

Bp = 89 line = MAGIC.105 , Chr = 5



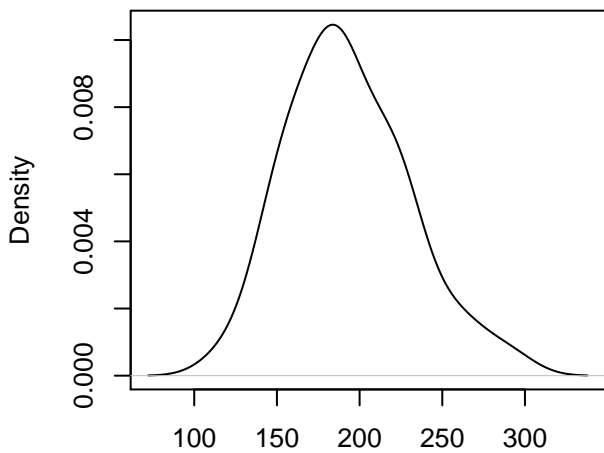
Insert size, N =71
breakpoint: 22985754 – 22985793 can-0 bur-0

Bp = 90 line = MAGIC.105 , Chr = 5



Insert size, N =53
breakpoint: 23523539 – 23523540 bur-0 hi-0

Bp = 91 line = MAGIC.105 , Chr = 5



Insert size, N =43

breakpoint: 23524401 – 23524420 hi=0 bur=0