

Scale chr1:	23,660,000	23,665,000	10 kb	23,670,000	23,675,000	hg19	23,680,000	23,685,000	23,690,000
10_hq19_chr17_nmt=4						10_chr17_nmt=4:50-EV			
11_hq19_chr10_nmt=3						11_chr10_nmt=3:49-EV			
12_hq19_chr3_nmt=22						12_chr3_nmt=22:49-EV			
13_hq19_chr3_nmt=23						13_chr3_nmt=23:37-EV			
14_hq19_chr2_nmt=6						14_chr2_nmt=6:36-EV			
15_hq19_chr19_nmt=3						15_chr19_nmt=3:35-EV			
16_hq19_chr5_nmt=21						16_chr5_nmt=21:33-EV			
17_hq19_chr3_nmt=26						17_chr3_nmt=26:32-EV			
18_hq19_chr17_nmt=21						18_chr17_nmt=21:32-EV			
19_hq19_chr10_nmt=9						19_chr10_nmt=9:32-EV			
1_hq19_chr15_nmt=4						1_chr15_nmt=4:118-EV			
20_hq19_chr1_nmt=4						20_chr1_nmt=4:31-EV			
21_hq19_chr20_nmt=3						21_chr20_nmt=3:31-EV			
22_hq19_chr19_nmt=32						22_chr19_nmt=32:30-EV			
23_hq19_chr14_nmt=3						23_chr14_nmt=3:30-EV			
24_hq19_chr9_nmt=4						24_chr9_nmt=4:30-EV			
25_hq19_chr5_nmt=29						25_chr5_nmt=29:30-EV			
26_hq19_chr17_nmt=14						26_chr17_nmt=14:29-EV			
27_hq19_chr2_nmt=3						27_chr2_nmt=3:28-EV			
28_hq19_chr12_nmt=7						28_chr12_nmt=7:28-EV			
29_hq19_chrX_nmt=23						29_chrX_nmt=23:27-EV			
2_hq19_chr8_nmt=3						2_chr8_nmt=3:97-EV			
30_hq19_chr11_nmt=4						30_chr11_nmt=4:27-EV			
31_hq19_chr22_nmt=20						31_chr22_nmt=20:26-EV			
32_hq19_chr8_nmt=3						32_chr8_nmt=3:26-EV			
33_hq19_chr6_nmt=8						33_chr6_nmt=8:26-EV			
34_hq19_chr17_nmt=3						34_chr17_nmt=3:26-EV			
35_hq19_chrY_nmt=8						35_chrY_nmt=8:26-EV			
36_hq19_chr17_nmt=5						36_chr17_nmt=5:26-EV			
37_hq19_chr1_nmt=21						37_chr1_nmt=21:25-EV			
38_hq19_chr17_nmt=8						38_chr17_nmt=8:25-EV			
39_hq19_chr1_nmt=3						39_chr1_nmt=3:25-EV			
3_hq19_chr14_nmt=9						3_chr14_nmt=9:96-EV			
40_hq19_chr22_nmt=12						40_chr22_nmt=12:24-EV			
41_hq19_chr1_nmt=3						41_chr1_nmt=3:24-EV			
42_hq19_chr2_nmt=3						42_chr2_nmt=3:23-EV			
43_hq19_chr17_nmt=5						43_chr17_nmt=5:23-EV			
44_hq19_chr12_nmt=6						44_chr12_nmt=6:23-EV			
45_hq19_chr3_nmt=10						45_chr3_nmt=10:23-EV			
46_hq19_chrX_nmt=20						46_chrX_nmt=20:23-EV			
47_hq19_chr14_nmt=17						47_chr14_nmt=17:23-EV			
48_hq19_chr2_nmt=3						48_chr2_nmt=3:23-EV			
49_hq19_chr3_nmt=12						49_chr3_nmt=12:22-EV			
4_hq19_chr3_nmt=3						4_chr3_nmt=3:91-EV			
50_hq19_chr2_nmt=4						50_chr2_nmt=4:22-EV			
5_hq19_chr16_nmt=4						5_chr16_nmt=4:71-EV			
69_hq19_chr1_nmt=29						69_chr1_nmt=29:19-EV			
6_hq19_chr11_nmt=4						6_chr11_nmt=4:64-EV			
7_hq19_chr11_nmt=8						7_chr11_nmt=8:59-EV			
8_hq19_chr2_nmt=5						8_chr2_nmt=5:53-EV			
9_hq19_chr20_nmt=6						9_chr20_nmt=6:53-EV			
ALL mutations hg19						mutations from all original outliers in hg19			