

Regions Sequenced in Myeloid Neoplasms NGS Panel

Name_Exon_Gene Bank Accession#	Chromosome	Chromosome Start	Chromosome End
ABL1_Exon1_NM007313	chr9	133589266	133589844
ABL1_Exon1_NM005157	chr9	133710640	133710914
ABL1_Exon2_NM007313	chr9	133729449	133729626
ABL1_Exon3_NM007313	chr9	133730186	133730485
ABL1_Exon4_NM007313	chr9	133738148	133738424
ABL1_Exon5_NM007313	chr9	133747514	133747602
ABL1_Exon6_NM007313	chr9	133748245	133748426
ABL1_Exon7_NM007313	chr9	133750253	133750441
ABL1_Exon8_NM007313	chr9	133753800	133753956
ABL1_Exon9_NM007313	chr9	133755453	133755546
ABL1_Exon10_NM007313	chr9	133755885	133756053
ABL1_Exon11_NM007313	chr9	133759354	133763064
ABL2_Exon11_NM001168236	chr1	179076851	179078578
ABL2_Exon11_NM007314	chr1	179079415	179079592
ABL2_Exon10_NM001136001	chr1	179079938	179079982
ABL2_Exon10_NM007314	chr1	179081442	179081535
ABL2_Exon9_NM007314	chr1	179084011	179084167
ABL2_Exon8_NM007314	chr1	179086465	179086653
ABL2_Exon7_NM007314	chr1	179087720	179087901
ABL2_Exon6_NM007314	chr1	179089323	179089411
ABL2_Exon5_NM007314	chr1	179090728	179091004
ABL2_Exon4_NM007314	chr1	179095510	179095809
ABL2_Exon3_NM007314	chr1	179100444	179100618
ABL2_Exon2_NM007314	chr1	179102445	179102511
ABL2_Exon1_NM001136000	chr1	179112066	179112181
ABL2_Exon1_NM001136001	chr1	179198374	179198534
ASXL1_Exon1_NM001164603	chr20	30946577	30946637
ASXL1_Exon2_NM015338	chr20	30954185	30954271
ASXL1_Intron2_Additional1	chr20	30955530	30955532
ASXL1_Exon3_NM015338	chr20	30956813	30956928
ASXL1_Exon4_NM001164603	chr20	30959965	30959974
ASXL1_Exon4_NM015338	chr20	31015929	31016053
ASXL1_Exon5_NM015338	chr20	31016126	31016227
ASXL1_Exon6_NM015338	chr20	31017139	31017236
ASXL1_Exon7_NM015338	chr20	31017702	31017858
ASXL1_Exon8_NM015338	chr20	31019122	31019289
ASXL1_Exon9_NM015338	chr20	31019384	31019484
ASXL1_Exon10_NM015338	chr20	31020681	31020790
ASXL1_Exon11_NM015338	chr20	31021085	31021722
ASXL1_Exon12_NM015338	chr20	31022233	31025143
BCR_Exon1_NM004327	chr22	23523146	23524428
BCR_Exon2_NM004327	chr22	23595984	23596169
BCR_Exon3_NM004327	chr22	23603135	23603243
BCR_Exon4_NM004327	chr22	23603540	23603729
BCR_Exon5_NM004327	chr22	23610593	23610704

BCR_Exon6_NM004327	chr22	23613717	23613781
BCR_Exon7_NM004327	chr22	23615266	23615322
BCR_Exon8_NM004327	chr22	23615819	23615963
BCR_Exon9_NM004327	chr22	23626162	23626287
BCR_Exon10_NM004327	chr22	23627218	23627390
BCR_Exon11_NM004327	chr22	23629344	23629467
BCR_Exon12_NM004327	chr22	23630282	23630361
BCR_Exon13_NM004327	chr22	23631702	23631810
BCR_Intron13_Fusion1	chr22	23631809	23632525
BCR_Exon14_NM004327	chr22	23632524	23632602
BCR_Intron14_Fusion1	chr22	23632601	23634727
BCR_Exon15_NM004327	chr22	23634726	23634827
BCR_Exon16_NM004327	chr22	23637209	23637344
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BCR_Exon18_NM004327	chr22	23652509	23652622
BCR_Exon19_NM004327	chr22	23653882	23654025
BCR_Exon20_NM004327	chr22	23655072	23655210
BCR_Exon21_NM004327	chr22	23656153	23656262
BCR_Exon22_NM004327	chr22	23656737	23656903
BCR_Exon22_NM021574	chr22	23657618	23657711
BCOR_Exon10_NM001123385	chrX	39921390	39921648
BCOR_Exon11_NM001123385	chrX	39916406	39916576
BCOR_Exon12_NM001123385	chrX	39914619	39914768
BCOR_Exon13_NM001123385	chrX	39913507	39913588
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BCOR_Exon14_NM001123385	chrX	39913137	39913297
BCOR_Exon2_NM001123383	chrX	39937095	39937184
BCOR_Exon3_NM001123385	chrX	39935705	39935787
BCOR_Exon4_NM001123383	chrX	39931582	39934435
BCOR_Exon5_NM001123385	chrX	39930888	39930945
BCOR_Exon6_NM001123385	chrX	39930224	39930414
BCOR_Exon7_NM001123385	chrX	39923587	39923854
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BCOR_Exon9_NM001123385	chrX	39921997	39922326
BCORL1_Exon1_NM021946	chrX	129139206	129139295
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BCORL1_Exon11_NM021946	chrX	129185833	129185993
BCORL1_Exon12_NM021946	chrX	129189827	129190113
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BCORL1_Exon9_NM021946	chrX	129173110	129173259
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BRAF_Exon11_NM004333	chr7	140481374	140481495
BRAF_Exon12_NM004333	chr7	140477789	140477877
BRAF_Exon13_NM004333	chr7	140476710	140476890
BRAF_Exon14_NM004333	chr7	140453985	140454035
BRAF_Exon15_NM004333	chr7	140453073	140453195
BRAF_Exon16_NM004333	chr7	140449085	140449220
BRAF_Exon17_NM004333	chr7	140439610	140439748
BRAF_Exon18_NM004333	chr7	140434395	140434572
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BRAF_Exon3_NM004333	chr7	140534407	140534674
BRAF_Exon4_NM004333	chr7	140508690	140508797
BRAF_Exon5_NM004333	chr7	140507758	140507864
BRAF_Exon6_NM004333	chr7	140501210	140501362
BRAF_Exon7_NM004333	chr7	140500160	140500283
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BRAF_Exon9_NM004333	chr7	140487346	140487386
BRAF_Intron1_Amp1	chr7	140561143	140561282
BRAF_Intron1_Amp10	chr7	140610913	140611052
BRAF_Intron1_Amp11	chr7	140617913	140618052
BRAF_Intron1_Amp12	chr7	140618913	140619052
BRAF_Intron1_Amp13	chr7	140620144	140620282
BRAF_Intron1_Amp14	chr7	140620413	140620552
BRAF_Intron1_Amp2	chr7	140565143	140565282
BRAF_Intron1_Amp3	chr7	140576644	140576782
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BRAF_Intron1_Amp5	chr7	140578913	140579052
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BRAF_Intron16_Amp1	chr7	140446877	140447016
BRAF_Intron17_Amp1	chr7	140438701	140438840
BRAF_Intron2_Amp1	chr7	140546803	140546942
BRAF_Intron2_Amp2	chr7	140548803	140548942
BRAF_Intron3_Amp1	chr7	140526926	140527065
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BRAF_Intron5_Amp1	chr7	140505491	140505630
BRAF_Intron7_Amp1	chr7	140494398	140494537
BRAF_Intron7_Amp2	chr7	140497398	140497537
BRAF_Intron8_Fusion1	chr7	140487385	140494107
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CALR_Exon2_NM004343	chr19	13049946	13050051
CALR_Exon3_NM004343	chr19	13050240	13050447
CALR_Exon4_NM004343	chr19	13050865	13050963

CALR_Exon5_NM004343	chr19	13051055	13051268
CALR_Exon6_NM004343	chr19	13051353	13051470
CALR_Exon7_NM004343	chr19	13051556	13051703
CALR_Exon8_NM004343	chr19	13054349	13054445
CALR_Exon9_NM004343	chr19	13054525	13054729
CBL_Exon1_NM005188	chr11	119077126	119077324
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CBL_Exon3_NM005188	chr11	119142443	119142593
CBL_Exon4_NM005188	chr11	119144576	119144736
CBL_Exon5_NM005188	chr11	119145540	119145665
CBL_Exon6_NM005188	chr11	119146705	119146846
CBL_Exon7_NM005188	chr11	119148465	119148556
CBL_Exon8_NM005188	chr11	119148874	119149009
CBL_Exon9_NM005188	chr11	119149218	119149425
CBL_Exon10_NM005188	chr11	119155677	119155812
CBL_Exon11_NM005188	chr11	119155897	119156278
CBL_Exon12_NM005188	chr11	119158560	119158658
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CBL_Exon14_NM005188	chr11	119168092	119168193
CBL_Exon15_NM005188	chr11	119169066	119169252
CBL_Exon16_NM005188	chr11	119170203	119170493
CEBPA_Exon1_Additional1	chr19	33792242	33792568
CEBPA_Exon1_Additional2	chr19	33792605	33793427
CSF3R_Exon18_NM172313	chr1	36931695	36931803
CSF3R_Exon17_NM156039	chr1	36931956	36932511
CSF3R_Exon16_NM156039	chr1	36932829	36932914
CSF3R_Exon15_NM156039	chr1	36933157	36933254
CSF3R_Exon14_NM156039	chr1	36933421	36933565
CSF3R_Exon13_NM156039	chr1	36933674	36933824
CSF3R_Exon12_NM156039	chr1	36934755	36934860
CSF3R_Exon11_NM156039	chr1	36935251	36935443
CSF3R_Exon10_NM156039	chr1	36937032	36937249
CSF3R_Exon9_NM156039	chr1	36937665	36937742
CSF3R_Exon8_NM156039	chr1	36937837	36937994
CSF3R_Exon7_NM156039	chr1	36938116	36938289
CSF3R_Exon6_NM156039	chr1	36939034	36939225
CSF3R_Exon5_NM156039	chr1	36939363	36939490
CSF3R_Exon4_NM156039	chr1	36940976	36941276
CSF3R_Exon3_NM000760	chr1	36945032	36945099
DNMT3A_Exon19_NM153759	chr2	25457146	25457291
DNMT3A_Exon22_NM022552	chr2	25458574	25458696
DNMT3A_Exon21_NM022552	chr2	25459803	25459876
DNMT3A_Exon20_NM022552	chr2	25461997	25462086
DNMT3A_Exon19_NM022552	chr2	25463169	25463321
DNMT3A_Exon18_NM022552	chr2	25463507	25463601
DNMT3A_Exon17_NM022552	chr2	25464429	25464578
DNMT3A_Exon16_NM022552	chr2	25466765	25466853

DNMT3A_Exon15_NM022552	chr2	25467022	25467209
DNMT3A_Exon14_NM022552	chr2	25467407	25467523
DNMT3A_Exon13_NM022552	chr2	25468120	25468203
DNMT3A_Exon12_NM022552	chr2	25468887	25468935
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DNMT3A_Exon9_NM022552	chr2	25469918	25470029
DNMT3A_Exon8_NM022552	chr2	25470458	25470620
DNMT3A_Exon7_NM022552	chr2	25470904	25471123
DNMT3A_Exon2_NM153759	chr2	25472524	25472595
DNMT3A_Exon1_NM153759	chr2	25475061	25475174
DNMT3A_Exon6_NM022552	chr2	25497808	25497958
DNMT3A_Exon5_NM022552	chr2	25498367	25498414
DNMT3A_Exon4_NM175630	chr2	25504319	25505582
DNMT3A_Exon3_NM022552	chr2	25523006	25523114
DNMT3A_Exon2_NM022552	chr2	25536780	25536855
ETV6_Exon1_Additional1	chr12	11803041	11803116
ETV6_Exon2_Additional1	chr12	11905363	11905535
ETV6_Exon3_Additional1	chr12	11992053	11992260
ETV6_Exon4_NM001987	chr12	12006340	12006497
ETV6_Intron4_NM001987	chr12	12006496	12022357
ETV6_Exon5_NM001987	chr12	12022356	12022905
ETV6_Exon6_Additional1	chr12	12037358	12037543
ETV6_Exon7_Additional1	chr12	12038839	12038982
ETV6_Exon8_Additional1	chr12	12043854	12043999
ETV6_Flanking1	chr12	12268229	12268260
EZH2_Exon19_NM001203249	chr7	148504736	148504800
EZH2_Exon19_NM004456	chr7	148506161	148506249
EZH2_Exon18_NM004456	chr7	148506400	148506484
EZH2_Exon17_NM004456	chr7	148507423	148507508
EZH2_Exon16_NM004456	chr7	148508715	148508814
EZH2_Exon15_NM004456	chr7	148511049	148511231
EZH2_Exon14_NM004456	chr7	148512004	148512133
EZH2_Exon13_NM004456	chr7	148512596	148512640
EZH2_Exon12_NM004456	chr7	148513774	148513872
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EZH2_Exon10_NM004456	chr7	148514967	148515211
EZH2_Exon9_NM004456	chr7	148516686	148516781
EZH2_Exon8_NM004456	chr7	148523544	148523726
EZH2_Exon7_NM004456	chr7	148524254	148524360
EZH2_Exon6_NM004456	chr7	148525830	148525974
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EZH2_Exon3_NM004456	chr7	148543560	148543692
EZH2_Exon2_NM001203247	chr7	148544272	148544392
FLT3_Exon24_NM004119	chr13	28578187	28578313
FLT3_Exon23_NM004119	chr13	28588587	28588696

FLT3_Exon22_NM004119	chr13	28589292	28589395
FLT3_Exon21_NM004119	chr13	28589725	28589840
FLT3_Exon20_NM004119	chr13	28592602	28592728
FLT3_Exon19_NM004119	chr13	28597485	28597616
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FLT3_Exon17_NM004119	chr13	28601223	28601380
FLT3_Exon16_NM004119	chr13	28602313	28602427
FLT3_Exon15_NM004119	chr13	28608022	28608130
FLT3_Exon14_NM004119	chr13	28608217	28608353
FLT3_Exon13_NM004119	chr13	28608436	28608546
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FLT3_Exon10_NM004119	chr13	28611320	28611427
FLT3_Exon9_NM004119	chr13	28622410	28622582
FLT3_Exon8_NM004119	chr13	28623519	28623676
FLT3_Exon7_NM004119	chr13	28623770	28623913
FLT3_Exon6_NM004119	chr13	28624230	28624361
FLT3_Exon5_NM004119	chr13	28626680	28626813
FLT3_Exon4_NM004119	chr13	28631482	28631601
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FLT3_Exon2_NM004119	chr13	28644626	28644751
FLT3_Exon1_NM004119	chr13	28674603	28674649
GATA1_Exon2_NM002049	chrX	48649515	48649738
GATA1_Exon3_NM002049	chrX	48650249	48650630
GATA1_Exon4_NM002049	chrX	48650728	48650877
GATA1_Exon5_NM002049	chrX	48651577	48651706
GATA1_Exon6_NM002049	chrX	48652198	48652573
GATA2_Exon6_NM001145662	chr3	128199860	128200163
GATA2_Exon5_NM032638	chr3	128200660	128200789
GATA2_Exon4_NM032638	chr3	128202701	128202850
GATA2_Exon3_NM032638	chr3	128204568	128205213
GATA2_Exon2_NM001145662	chr3	128205644	128205876
GNAS_Exon1_NM016592	chr20	57415160	57415901
GNAS_Exon1_NM080425	chr20	57428319	57430390
GNAS_Exon1_Additional1	chr20	57464178	57464264
GNAS_Exon1_Additional2	chr20	57464341	57464410
GNAS_Exon1_Additional3	chr20	57466424	57466726
GNAS_Exon1_Additional4	chr20	57466759	57466922
GNAS_Exon2_NM080425	chr20	57470665	57470741
GNAS_Exon3_NM080425	chr20	57473994	57474042
GNAS_Exon3_NM080426	chr20	57478581	57478642
GNAS_Exon5_NM080425	chr20	57478725	57478848
GNAS_Exon6_NM080425	chr20	57480436	57480537
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GNAS_Exon10_NM080425	chr20	57484737	57484861

GNAS_Exon11_NM080425	chr20	57485004	57485138
GNAS_Exon12_NM080425	chr20	57485387	57485458
GNAS_Exon12_NM001077489	chr20	57485736	57485886
HRAS_Exon5_NM001130442	chr11	532634	532757
HRAS_Exon5_NM176795	chr11	533275	533360
HRAS_Exon4_NM005343	chr11	533451	533614
HRAS_Exon3_NM005343	chr11	533764	533946
HRAS_Exon2_NM001130442	chr11	534210	534324
IDH1_Exon10_NM001282386	chr2	209101801	209101895
IDH1_Exon9_NM001282387	chr2	209103793	209103959
IDH1_Exon8_NM001282387	chr2	209104585	209104729
IDH1_Exon7_NM001282387	chr2	209106716	209106871
IDH1_Exon6_NM001282387	chr2	209108149	209108330
IDH1_Exon5_NM001282387	chr2	209110041	209110150
IDH1_Exon4_NM001282387	chr2	209113091	209113386
IDH1_Exon3_NM001282386	chr2	209116152	209116277
IDH2_Exon11_NM001289910	chr15	90627496	90627587
IDH2_Exon10_NM002168	chr15	90628046	90628142
IDH2_Exon9_NM002168	chr15	90628231	90628332
IDH2_Exon8_NM002168	chr15	90628505	90628621
IDH2_Exon7_NM002168	chr15	90630342	90630497
IDH2_Exon6_NM002168	chr15	90630669	90630809
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IDH2_Exon4_NM002168	chr15	90631817	90631981
IDH2_Exon3_NM002168	chr15	90633709	90633878
IDH2_Exon2_NM002168	chr15	90634783	90634878
IDH2_Exon1_NM001289910	chr15	90643806	90643855
IDH2_Exon1_NM002168	chr15	90645506	90645624
JAK2_Intron2_Amp1	chr9	4994244	4994383
JAK2_Intron2_Amp2	chr9	5003244	5003383
JAK2_Intron2_Amp3	chr9	5015244	5015383
JAK2_Exon3_NM004972	chr9	5021986	5022215
JAK2_Intron3_Amp1	chr9	5024344	5024483
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JAK2_Exon8_NM004972	chr9	5055667	5055790
JAK2_Intron8_Amp1	chr9	5061919	5062058
JAK2_Exon9_NM004972	chr9	5064881	5065042
JAK2_Exon10_NM004972	chr9	5066676	5066791
JAK2_Exon11_NM004972	chr9	5069020	5069210
JAK2_Exon12_NM004972	chr9	5069923	5070054
JAK2_Intron12_Amp1	chr9	5071183	5071322
JAK2_Intron12_Amp2	chr9	5072183	5072322
JAK2_Exon13_NM004972	chr9	5072490	5072628
JAK2_Exon14_NM004972	chr9	5073696	5073787

JAK2_Exon15_NM004972	chr9	5077451	5077582
JAK2_Exon16_NM004972	chr9	5078304	5078446
JAK2_Intron16_Amp1	chr9	5079575	5079714
JAK2_Exon17_NM004972	chr9	5080227	5080382
JAK2_Exon18_NM004972	chr9	5080531	5080685
JAK2_Exon19_NM004972	chr9	5081723	5081863
JAK2_Intron19_Amp1	chr9	5082992	5083131
JAK2_Exon20_NM004972	chr9	5089672	5089865
JAK2_Exon21_NM004972	chr9	5090444	5090572
JAK2_Exon22_NM004972	chr9	5090737	5090913
JAK2_Exon23_NM004972	chr9	5123002	5123123
JAK2_Exon24_NM004972	chr9	5126331	5126448
JAK2_Exon25_NM004972	chr9	5126682	5126793
KIT_Exon1_NM000222	chr4	55524180	55524250
KIT_Intron1_Amp1	chr4	55525379	55525518
KIT_Intron1_Amp2	chr4	55528379	55528518
KIT_Intron1_Amp3	chr4	55538379	55538518
KIT_Intron1_Amp4	chr4	55540379	55540518
KIT_Intron1_Amp5	chr4	55549379	55549518
KIT_Intron1_Amp6	chr4	55550379	55550518
KIT_Intron1_Amp7	chr4	55558379	55558518
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KIT_Exon2_NM000222	chr4	55561676	55561949
KIT_Exon3_NM000222	chr4	55564448	55564733
KIT_Exon4_NM000222	chr4	55565794	55565934
KIT_Exon5_NM000222	chr4	55569888	55570060
KIT_Exon6_NM000222	chr4	55573262	55573455
KIT_Intron6_Amp1	chr4	55573584	55573723
KIT_Exon7_NM000222	chr4	55575588	55575707
KIT_Intron7_Amp1	chr4	55578836	55578975
KIT_Intron7_Amp2	chr4	55580836	55580975
KIT_Exon8_NM000222	chr4	55589748	55589866
KIT_Exon9_NM000222	chr4	55592021	55592218
KIT_Exon10_NM000222	chr4	55593382	55593492
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KIT_Exon14_NM000222	chr4	55595499	55595653
KIT_Exon15_NM000222	chr4	55597492	55597587
MSI_KIT_intron16	chr4	55598037	55598396
KIT_Exon17_NM000222	chr4	55599234	55599360
KIT_Exon18_NM000222	chr4	55602662	55602777
KIT_Exon19_NM000222	chr4	55602885	55602988
KIT_Exon20_NM000222	chr4	55603339	55603448
KIT_Exon21_NM000222	chr4	55604593	55604725
KIT_Exon21_Amp1	chr4	55604852	55604995
KRAS_Exon5_Amp1	chr12	25359177	25359320

KRAS_Exon5_Amp2	chr12	25362177	25362320
KRAS_Exon5_NM004985	chr12	25362727	25362847
KRAS_Intron5_Amp1	chr12	25363977	25364115
KRAS_Intron5_Amp2	chr12	25364977	25365115
KRAS_Intron5_Amp3	chr12	25366977	25367115
KRAS_Exon5_NM033360	chr12	25368369	25368496
KRAS_Intron4_Amp1	chr12	25369626	25369764
KRAS_Intron4_Amp2	chr12	25370126	25370264
KRAS_Intron4_Amp3	chr12	25371395	25371534
KRAS_Intron4_Amp4	chr12	25372395	25372534
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KRAS_Intron4_Amp6	chr12	25372895	25373034
KRAS_Intron4_Amp7	chr12	25374126	25374264
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KRAS_Exon4_NM033360	chr12	25378546	25378709
KRAS_Intron3_Amp1	chr12	25379339	25379477
KRAS_Exon3_NM033360	chr12	25380166	25380348
KRAS_Intron2_Amp1	chr12	25380478	25380616
KRAS_Intron2_Amp2	chr12	25384478	25384616
KRAS_Intron2_Amp3	chr12	25388978	25389116
KRAS_Intron2_Amp4	chr12	25389478	25389616
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KRAS_Intron2_Amp6	chr12	25390747	25390886
KRAS_Intron2_Amp7	chr12	25392978	25393116
KRAS_Intron2_Amp8	chr12	25393247	25393386
KRAS_Intron2_Amp9	chr12	25394247	25394386
KRAS_Exon2_NM004985	chr12	25398206	25398320
KRAS_Intron1_Amp1	chr12	25400449	25400588
KRAS_Intron1_Amp2	chr12	25400950	25401088
KRAS_Intron1_Amp3	chr12	25401219	25401358
MLL_Exon1_NM001197104	chr11	118307226	118307661
MLL_Exon2_NM001197104	chr11	118339488	118339561
MLL_Exon3_NM001197104	chr11	118342375	118345032
MLL_Exon4_NM001197104	chr11	118347518	118347699
MLL_Exon5_NM001197104	chr11	118348680	118348918
MLL_Exon6_NM001197104	chr11	118350887	118350955
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MLL_Exon9_NM001197104	chr11	118354896	118355031
MLL_Exon10_NM001197104	chr11	118355575	118355692
MLL_Exon11_NM001197104	chr11	118359327	118359477
MLL_Exon12_NM001197104	chr11	118360505	118360604
MLL_Exon13_NM001197104	chr11	118360842	118360966
MLL_Exon14_NM001197104	chr11	118361909	118362035
MLL_Exon15_NM001197104	chr11	118362457	118362645
MLL_Exon16_NM001197104	chr11	118363770	118363947
MLL_Exon17_NM001197104	chr11	118365001	118365115

MLL_Exon18_NM001197104	chr11	118365407	118365484
MLL_Exon19_NM001197104	chr11	118366413	118366610
MLL_Exon20_NM001197104	chr11	118366974	118367084
MLL_Exon21_NM001197104	chr11	118368649	118368790
MLL_Exon22_NM001197104	chr11	118369083	118369245
MLL_Exon23_NM001197104	chr11	118370016	118370137
MLL_Exon24_NM001197104	chr11	118370548	118370630
MLL_Exon25_NM001197104	chr11	118371700	118371864
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MLL_Exon27_NM001197104	chr11	118373111	118377363
MLL_Exon28_NM001197104	chr11	118378242	118378326
MLL_Exon29_NM001197104	chr11	118379849	118379917
MLL_Exon30_NM001197104	chr11	118380661	118380835
MLL_Exon31_NM001197104	chr11	118382664	118382742
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MLL_Exon34_NM001197104	chr11	118391515	118391602
MLL_Exon35_NM001197104	chr11	118392001	118392134
MLL_Exon36_NM001197104	chr11	118392610	118392889
MYD88_Exon1_NM001172566	chr3	38180151	38180521
MYD88_Exon2_NM001172567	chr3	38181353	38181491
MYD88_Exon3_NM001172567	chr3	38181877	38182085
MYD88_Exon4_NM001172567	chr3	38182246	38182341
MYD88_Exon4_NM001172568	chr3	38182621	38182779
MPL_Exon1_NM005373	chr1	43803518	43803600
MPL_Exon2_NM005373	chr1	43803768	43803904
MPL_Exon3_NM005373	chr1	43804211	43804393
MPL_Exon4_NM005373	chr1	43804940	43805242
MPL_Exon5_NM005373	chr1	43805633	43805799
MPL_Exon6_NM005373	chr1	43806056	43806186
MPL_Exon7_NM005373	chr1	43812114	43812302
MPL_Exon8_NM005373	chr1	43812461	43812607
MPL_Exon9_NM005373	chr1	43814512	43814675
MPL_Exon10_NM005373	chr1	43814932	43815032
MPL_Exon11_NM005373	chr1	43817885	43817976
MPL_Exon12_NM005373	chr1	43818187	43818445
NPM1_Exon2_NM002520	chr5	170817053	170817136
NPM1_Exon3_NM002520	chr5	170818307	170818430
NPM1_Exon4_NM002520	chr5	170818708	170818805
NPM1_Exon5_NM002520	chr5	170819712	170819822
NPM1_Exon6_NM002520	chr5	170819916	170819984
NPM1_Exon7_NM002520	chr5	170827155	170827216
NPM1_Exon8_NM002520	chr5	170827841	170827931
NPM1_Exon9_NM002520	chr5	170832304	170832409
NPM1_Exon10_NM001037738	chr5	170833399	170833733
NPM1_Exon10_NM002520	chr5	170834702	170834780
NPM1_Exon10_NM199185	chr5	170837529	170837571

NRAS_Flanking1_Amp1	chr1	115245084	115245223
NRAS_Flanking2_Amp1	chr1	115246284	115246423
NRAS_Exon7_Amp1	chr1	115248583	115248725
NRAS_Exon7_Amp2	chr1	115249083	115249225
NRAS_Exon7_Amp3	chr1	115249652	115249795
NRAS_Exon7_Amp4	chr1	115250083	115250225
NRAS_Exon7_Amp5	chr1	115250583	115250725
NRAS_Exon5_NM002524	chr1	115251154	115251277
NRAS_Intron4_Amp1	chr1	115251407	115251545
NRAS_Intron4_Amp2	chr1	115251976	115252115
NRAS_Exon4_NM002524	chr1	115252188	115252351
NRAS_Intron3_Amp1	chr1	115252981	115253119
NRAS_Intron3_Amp2	chr1	115253481	115253619
NRAS_Intron3_Amp3	chr1	115253981	115254119
NRAS_Intron3_Amp4	chr1	115254481	115254619
NRAS_Intron3_Amp5	chr1	115254750	115254889
NRAS_Intron3_Amp6	chr1	115255350	115255619
NRAS_Intron3_Amp7	chr1	115255981	115256119
NRAS_Exon3_NM002524	chr1	115256419	115256601
NRAS_Intron2_Amp1	chr1	115256731	115256869
NRAS_Intron2_Amp2	chr1	115257231	115257369
NRAS_Intron2_Amp3	chr1	115257500	115257639
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NRAS_Exon2_NM002524	chr1	115258669	115258783
NRAS_Intron1_Amp1	chr1	115258913	115259051
NRAS_Exon1_Amp1	chr1	115259411	115259553
NRAS_Flanking3_Amp1	chr1	115260282	115260421
NRAS_Flanking4_Amp1	chr1	115260882	115261021
NRAS_Flanking5_Amp1	chr1	115261482	115261621
PHF6_Exon2_Additional1	chrX	133511627	133511807
PHF6_Exon3_Additional1	chrX	133512014	133512158
PHF6_Exon4_Additional1	chrX	133527510	133527686
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PHF6_Exon7_Additional1	chrX	133547832	133548018
PHF6_Exon8_Additional1	chrX	133549025	133549271
PHF6_Exon9_Additional1	chrX	133551178	133551354
PHF6_Exon10_Additional1	chrX	133559210	133559379
PTEN_Exon1_NM000314	chr10	89624225	89624307
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PTEN_Intron1_Amp6	chr10	89650437	89650575
PTEN_Intron1_Amp7	chr10	89650706	89650845
PTEN_Intron1_Amp8	chr10	89652437	89652575

PTEN_Exon2_NM000314	chr10	89653780	89653868
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PTEN_Intron2_Amp2	chr10	89673997	89674136
PTEN_Intron2_Amp3	chr10	89675997	89676136
PTEN_Intron2_Amp4	chr10	89676997	89677136
PTEN_Intron2_Amp5	chr10	89678498	89678636
PTEN_Intron2_Amp6	chr10	89680767	89680906
PTEN_Intron2_Amp7	chr10	89681767	89681906
PTEN_Intron2_Amp8	chr10	89681998	89682136
PTEN_Intron2_Amp9	chr10	89684267	89684406
PTEN_Exon3_NM000314	chr10	89685268	89685316
PTEN_Intron3_Amp1	chr10	89685445	89685584
PTEN_Intron3_Amp2	chr10	89688446	89688584
PTEN_Exon4_NM000314	chr10	89690801	89690848
PTEN_Exon5_NM000314	chr10	89692768	89693010
PTEN_Intron5_Amp1	chr10	89693139	89693278
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PTEN_Intron5_Amp3	chr10	89698409	89698548
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PTEN_Intron5_Amp6	chr10	89701409	89701548
PTEN_Intron5_Amp7	chr10	89705409	89705548
PTEN_Intron5_Amp8	chr10	89711409	89711548
PTEN_Exon6_NM000314	chr10	89711873	89712018
PTEN_Exon7_NM000314	chr10	89717608	89717778
PTEN_Intron7_Amp1	chr10	89717908	89718046
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PTEN_Exon8_NM000314	chr10	89720649	89720877
PTEN_Exon9_NM000314	chr10	89725042	89725231
PTEN_Exon9_Amp1	chr10	89726356	89726498
PTPN11_Exon1_NM002834	chr12	112856914	112856931
PTPN11_Exon2_NM002834	chr12	112884078	112884204
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PTPN11_Exon7_NM002834	chr12	112910746	112910846
PTPN11_Exon8_NM002834	chr12	112915453	112915536
PTPN11_Exon9_NM002834	chr12	112915659	112915821
PTPN11_Exon10_NM002834	chr12	112919876	112920011
PTPN11_Exon11_NM080601	chr12	112924277	112924729
PTPN11_Exon12_NM002834	chr12	112926245	112926316
PTPN11_Exon13_NM002834	chr12	112926826	112926981
PTPN11_Exon14_NM002834	chr12	112939946	112940062
PTPN11_Exon15_NM002834	chr12	112942497	112942570
RAD21_Exon14_NM006265	chr8	117859737	117859932
RAD21_Exon13_NM006265	chr8	117861183	117861270

RAD21_Exon12_NM006265	chr8	117862855	117863008
RAD21_Exon11_NM006265	chr8	117864185	117864337
RAD21_Exon10_NM006265	chr8	117864786	117864949
RAD21_Exon9_NM006265	chr8	117866482	117866709
RAD21_Exon8_NM006265	chr8	117868403	117868529
RAD21_Exon7_NM006265	chr8	117868883	117869012
RAD21_Exon6_NM006265	chr8	117869504	117869714
RAD21_Exon5_NM006265	chr8	117870589	117870699
RAD21_Exon4_NM006265	chr8	117874078	117874181
RAD21_Exon3_NM006265	chr8	117875367	117875500
RAD21_Exon2_NM006265	chr8	117878823	117878970
RUNX1_Exon6_NM001001890	chr21	36164430	36164909
RUNX1_Exon8_NM001754	chr21	36171596	36171761
RUNX1_Exon5_NM001122607	chr21	36193963	36193995
RUNX1_Exon4_Additional1	chr21	36206415	36206900
RUNX1_Exon3_Additional1	chr21	36231629	36231877
RUNX1_Exon5_NM001754	chr21	36252852	36253012
RUNX1_Exon1_NM001001890	chr21	36259138	36259411
RUNX1_Exon3_NM001754	chr21	36265220	36265262
RUNX1_Exon2_NM001754	chr21	36421137	36421198
SETBP1_Exon2_NM001130110	chr18	42281291	42281819
SETBP1_Exon3_Additional1	chr18	42449174	42449270
SETBP1_Exon4_Additional1	chr18	42456509	42456737
SETBP1_Exon4_NM015559	chr18	42529825	42533327
SETBP1_Exon5_Additional1	chr18	42618429	42618642
SETBP1_Exon6_NM015559	chr18	42643023	42643682
SF3B1_Exon25_NM012433	chr2	198257025	198257187
SF3B1_Exon24_NM012433	chr2	198257694	198257914
SF3B1_Exon23_NM012433	chr2	198260778	198261054
SF3B1_Exon22_NM012433	chr2	198262707	198262842
SF3B1_Exon21_NM012433	chr2	198263183	198263307
SF3B1_Exon20_NM012433	chr2	198264777	198264892
SF3B1_Exon19_NM012433	chr2	198264974	198265160
SF3B1_Exon18_NM012433	chr2	198265437	198265662
SF3B1_Exon17_NM012433	chr2	198266122	198266251
SF3B1_Exon16_NM012433	chr2	198266464	198266614
SF3B1_Exon15_NM012433	chr2	198266707	198266856
SF3B1_Exon14_NM012433	chr2	198267278	198267552
SF3B1_Exon13_NM012433	chr2	198267671	198267761
SF3B1_Exon12_NM012433	chr2	198268307	198268490
SF3B1_Exon11_NM012433	chr2	198269798	198269903
SF3B1_Exon10_NM012433	chr2	198269997	198270198
SF3B1_Exon9_NM012433	chr2	198272720	198272845
SF3B1_Exon8_NM012433	chr2	198273091	198273307
SF3B1_Exon7_NM012433	chr2	198274492	198274733
SF3B1_Exon6_NM012433	chr2	198281463	198281637
SF3B1_Exon5_NM012433	chr2	198283231	198283314

SF3B1_Exon5_NM001005526	chr2	198283654	198283677
SF3B1_Exon4_Additional1	chr2	198285100	198285268
SF3B1_Exon3_NM012433	chr2	198285751	198285859
SF3B1_Exon2_NM012433	chr2	198288530	198288700
SF3B1_Exon1_NM001005526	chr2	198299694	198299725
SRSF2_Exon1_NM001195427	chr17	74732879	74733244
SRSF2_Exon2_NM001195427	chr17	74732241	74732548
SMC3_Exon1_Additional1	chr10	112327554	112327611
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SMC3_Exon11_Additional1	chr10	112343121	112343328
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SMC3_Exon16_Additional1	chr10	112350149	112350352
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SMC3_Exon4_Additional1	chr10	112335073	112335183
SMC3_Exon5_Additional1	chr10	112337158	112337272
SMC3_Exon6_Additional1	chr10	112337572	112337694
SMC3_Exon7_Additional1	chr10	112338365	112338486
SMC3_Exon8_Additional1	chr10	112340641	112340801
SMC3_Exon9_Additional1	chr10	112341660	112341878
STAG2_Exon10_NM001042749	chrX	123182853	123182930
STAG2_Exon11_NM001042749	chrX	123184034	123184161
STAG2_Exon12_NM001042749	chrX	123184969	123185071
STAG2_Exon13_NM001042749	chrX	123185163	123185246
STAG2_Exon14_NM001042749	chrX	123189976	123190087
STAG2_Exon15_NM001042749	chrX	123191714	123191829
STAG2_Exon16_NM001042749	chrX	123195072	123195193
STAG2_Exon17_NM001042749	chrX	123195619	123195726
STAG2_Exon18_NM001042749	chrX	123196750	123196846
STAG2_Exon19_NM001042749	chrX	123196964	123197057
STAG2_Exon2_NM006603	chrX	123156476	123156523

STAG2_Exon20_NM001042749	chrX	123197696	123197903
STAG2_Exon21_NM001042749	chrX	123199724	123199798
STAG2_Exon22_NM001042749	chrX	123200023	123200114
STAG2_Exon23_NM001042749	chrX	123200204	123200288
STAG2_Exon24_NM001042749	chrX	123202412	123202508
STAG2_Exon25_NM001042749	chrX	123204997	123205175
STAG2_Exon26_NM001042749	chrX	123210180	123210323
STAG2_Exon27_NM001042749	chrX	123211805	123211910
STAG2_Exon28_NM001042749	chrX	123215228	123215380
STAG2_Exon29_NM001042749	chrX	123217269	123217401
STAG2_Exon30_NM001042749	chrX	123220395	123220622
STAG2_Exon31_NM001042749	chrX	123224423	123224616
STAG2_Exon32_NM001042749	chrX	123224702	123224816
STAG2_Exon33_NM001042749	chrX	123227866	123227996
STAG2_Exon33_NM006603	chrX	123234422	123234449
STAG2_Exon34_NM001042749	chrX	123229220	123229301
STAG2_Exon4_NM001042749	chrX	123159688	123159770
STAG2_Exon5_NM001042749	chrX	123164809	123164977
STAG2_Exon6_NM001042749	chrX	123171375	123171475
STAG2_Exon7_NM001042749	chrX	123176417	123176497
STAG2_Exon8_NM001042749	chrX	123179012	123179220
STAG2_Exon9_NM001042749	chrX	123181202	123181357
TET2_Exon10_NM001127208	chr4	106193719	106194077
TET2_Exon11_NM001127208	chr4	106196203	106197678
TET2_Exon3_Additional1	chr4	106159452	106159575
TET2_Exon3_Additional2	chr4	106159582	106159985
TET2_Exon3_Additional3	chr4	106160062	106160185
TET2_Exon3_Additional4	chr4	106160632	106160755
TET2_Exon3_Additional5	chr4	106161022	106161335
TET2_Exon3_Additional6	chr4	106161462	106163930
TET2_Exon3_NM001127208	chr4	106155098	106159115
TET2_Exon5_NM001127208	chr4	106163989	106164086
TET2_Exon6_NM001127208	chr4	106164725	106164937
TET2_Exon7_NM001127208	chr4	106180774	106180928
TET2_Exon8_NM001127208	chr4	106182914	106183007
TET2_Exon9_NM001127208	chr4	106190765	106190906
LoH_TP53_1	chr17	7572032	7572171
LoH_TP53_10	chr17	7575935	7576073
LoH_TP53_11	chr17	7577338	7577497
LoH_TP53_12	chr17	7578046	7578176
LoH_TP53_13	chr17	7578812	7578907
LoH_TP53_14	chr17	7579591	7579689
LoH_TP53_15	chr17	7579983	7580122
LoH_TP53_16	chr17	7580431	7580570
LoH_TP53_17	chr17	7581055	7581194
LoH_TP53_18	chr17	7581626	7581764
LoH_TP53_19	chr17	7582944	7583153

LoH_TP53_2	chr17	7572303	7572441
LoH_TP53_20	chr17	7583285	7583423
LoH_TP53_21	chr17	7585985	7586123
LoH_TP53_22	chr17	7587485	7587623
LoH_TP53_23	chr17	7587830	7587969
LoH_TP53_24	chr17	7588401	7588630
LoH_TP53_25	chr17	7589062	7589200
LoH_TP53_26	chr17	7589662	7589800
LoH_TP53_27	chr17	7590055	7590194
LoH_TP53_28	chr17	7590326	7590464
LoH_TP53_29	chr17	7590626	7590764
LoH_TP53_3	chr17	7572603	7572741
LoH_TP53_4	chr17	7573440	7573578
LoH_TP53_5	chr17	7573740	7573878
LoH_TP53_6	chr17	7574465	7574603
LoH_TP53_7	chr17	7574867	7575006
LoH_TP53_8	chr17	7575138	7575276
LoH_TP53_9	chr17	7575664	7575803
TP53_Exon1_NM001126115	chr17	7578369	7578813
TP53_Exon10_NM001126112	chr17	7573925	7574035
TP53_Exon10_NM001126114	chr17	7576523	7576659
TP53_Exon10_NM001126118	chr17	7572925	7573010
TP53_Exon3_Additional1	chr17	7579698	7579914
TP53_Exon4_NM001126112	chr17	7579310	7579592
TP53_Exon6_NM001126112	chr17	7578175	7578291
TP53_Exon7_NM001126112	chr17	7577497	7577610
TP53_Exon8_NM001126112	chr17	7577017	7577157
TP53_Exon9_NM001126112	chr17	7576851	7576928
WT1_Exon1_NM000378	chr11	32456244	32456893
WT1_Exon1_NM001198551	chr11	32452074	32452087
WT1_Exon10_NM001198551	chr11	32410602	32410727
WT1_Exon2_NM024426	chr11	32450041	32450167
WT1_Exon3_NM024426	chr11	32449500	32449606
WT1_Exon4_NM024426	chr11	32439121	32439202
WT1_Exon5_NM024426	chr11	32438034	32438088
WT1_Exon6_NM024426	chr11	32421492	32421592
WT1_Exon7_NM024426	chr11	32417801	32417955
WT1_Exon8_NM024426	chr11	32414210	32414303
WT1_Exon9_NM024426	chr11	32413516	32413612
ZRSR2_Exon1_NM005089	chrX	15808617	15808661
ZRSR2_Exon10_NM005089	chrX	15838328	15838441
ZRSR2_Exon11_NM005089	chrX	15840852	15841367
ZRSR2_Exon2_NM005089	chrX	15809055	15809138
ZRSR2_Exon3_NM005089	chrX	15817993	15818078
ZRSR2_Exon4_NM005089	chrX	15821809	15821921
ZRSR2_Exon5_NM005089	chrX	15822232	15822322
ZRSR2_Exon6_NM005089	chrX	15826354	15826396

ZRSR2_Exon7_NM005089	chrX	15827321	15827443
ZRSR2_Exon8_NM005089	chrX	15833798	15834015
ZRSR2_Exon9_NM005089	chrX	15836708	15836767