

Supplementary Data 2 Custom gene panel ssSCv3

Chr	start	end	Gene	Probegroup
chr12	133263827	133264427	POLE	7_promotor-regions
chr19	50887104	50887704	POLD1	7_promotor-regions
chr19	50901589	50902189	POLD1	7_promotor-regions
chr2	47629806	47630406	MSH2	7_promotor-regions
chr2	47636848	47637448	MSH2	7_promotor-regions
chr2	48009784	48010384	MSH6	7_promotor-regions
chr3	37034478	37035078	MLH1	7_promotor-regions
chr3	37034803	37035403	MLH1	7_promotor-regions
chr3	37053024	37053624	MLH1	7_promotor-regions
chr5	1294967	1295567	TERT	7_promotor-regions
chr7	6048579	6049179	PMS2	7_promotor-regions
chr7	99262809	99262860	rs10264272	IKP_SNPs
chr10	96741027	96741078	rs1057910	IKP_SNPs
chr6	29913272	29913323	rs1061235	IKP_SNPs
chr22	42526668	42526719	rs1065852	IKP_SNPs
chr6	18130892	18130943	rs1142345	IKP_SNPs
chr10	96521631	96521682	rs12248560	IKP_SNPs
chr6	29746843	29746894	rs1633021	IKP_SNPs
chr10	96535220	96535271	rs17884712	IKP_SNPs
chr10	96702021	96702072	rs1799853	IKP_SNPs
chr6	18139202	18139253	rs1800460	IKP_SNPs
chr6	18143929	18143980	rs1800462	IKP_SNPs
chr19	41515237	41515288	rs2279343	IKP_SNPs
chr6	31431754	31431805	rs2395029	IKP_SNPs
chr10	96740955	96741006	rs28371685	IKP_SNPs
chr10	96741032	96741083	rs28371686	IKP_SNPs
chr22	42525746	42525797	rs28371706	IKP_SNPs
chr22	42523779	42523830	rs28371725	IKP_SNPs
chr19	41518195	41518246	rs28399499	IKP_SNPs
chr10	96522437	96522488	rs28399504	IKP_SNPs
chr6	30946122	30946173	rs2844682	IKP_SNPs
chr2	234669593	234669644	rs35350960	IKP_SNPs
chr22	42524218	42524269	rs35742686	IKP_SNPs
chr19	41512815	41512866	rs3745274	IKP_SNPs
chr22	42524921	42524972	rs3892097	IKP_SNPs
chr6	30699358	30699409	rs3909184	IKP_SNPs
chr1	97915588	97915639	rs3918290	IKP_SNPs
chr10	96535147	96535198	rs41291556	IKP_SNPs
chr7	99250368	99250418	rs41303343	IKP_SNPs
chr2	234669118	234669169	rs4148323	IKP_SNPs
chr12	21331523	21331574	rs4149056	IKP_SNPs
chr10	96541590	96541641	rs4244285	IKP_SNPs
chr10	96540384	96540435	rs4986893	IKP_SNPs
chr22	42525060	42525111	rs5030655	IKP_SNPs
chr22	42524150	42524203	rs5030656	IKP_SNPs
chr22	42525009	42525060	rs5030865	IKP_SNPs
chr1	97981317	97981368	rs55886062	IKP_SNPs
chr1	98039393	98039444	rs56038477	IKP_SNPs
chr10	96612469	96612520	rs56337013	IKP_SNPs
chr1	169519023	169519074	rs6025	IKP_SNPs
chr10	96541589	96541640	rs6413438	IKP_SNPs
chr1	97547921	97547972	rs67376798	IKP_SNPs
chr7	99270513	99270564	rs776746	IKP_SNPs
chr2	234668855	234668907	rs8175347	IKP_SNPs
chr16	31104852	31104903	rs9934438	IKP_SNPs
chr18	19995535	19997774	CTAGE1	QC_SNPs_and_regions
chr1	152057441	152060019	TCHHL1	QC_SNPs_and_regions
chr9	5919682	5923309	KIAA2026	QC_SNPs_and_regions
chr9	13150505	13150556	rs10756457	QC_SNPs_and_regions
chr4	68780373	68780424	rs1371932	QC_SNPs_and_regions
chr15	27772650	27772701	rs140679	QC_SNPs_and_regions
chr4	85762359	85762410	rs2046402	QC_SNPs_and_regions
chr6	26091310	26091361	rs2071303	QC_SNPs_and_regions
chr6	49425495	49425546	rs2229384	QC_SNPs_and_regions
chr1	183542361	183542412	rs2274064	QC_SNPs_and_regions
chr1	45973902	45973953	rs2275276	QC_SNPs_and_regions
chr6	101166069	101166120	rs41288423	QC_SNPs_and_regions
chr12	72416209	72416260	rs4290270	QC_SNPs_and_regions
chr13	78475287	78475338	rs5351	QC_SNPs_and_regions
chr13	47469914	47469965	rs6313	QC_SNPs_and_regions
chr3	193209152	193209203	rs6788448	QC_SNPs_and_regions
chr6	79679551	79679602	rs7742431	QC_SNPs_and_regions
chr10	123239535	123243211	FGFR2	selected_fusions
chr10	43604678	43606654	RET	selected_fusions
chr10	43606913	43607546	RET	selected_fusions
chr10	43608411	43609003	RET	selected_fusions
chr10	43609123	43609927	RET	selected_fusions
chr10	43610184	43612031	RET	selected_fusions

chr12	12022903	12037378	ETV6	selected fusions
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chr16	31195717	31196259	FUS	selected fusions
chr16	31196500	31198122	FUS	selected fusions
chr16	31198157	31199645	FUS	selected fusions
chr16	31200547	31200985	FUS	selected fusions
chr17	30264503	30267304	SUZ12	selected fusions
chr17	34149837	34151081	TAF15	selected fusions
chr17	38487648	38504567	RARA	selected fusions
chr19	1615519	1615684	TCF3	selected fusions
chr19	1615820	1619109	TCF3	selected fusions
chr1	156843751	156844174	NTRK1	selected fusions
chr1	156844192	156844362	NTRK1	selected fusions
chr1	156844418	156844697	NTRK1	selected fusions
chr21	42866505	42870045	TMPRSS2	selected fusions
chr21	42870116	42879876	TMPRSS2	selected fusions
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chr22	29693939	29694722	EWSR1	selected fusions
chr22	39631879	39639905	PDGFB	selected fusions
chr2	113977755	113984731	PAX8	selected fusions
chr2	113984833	113992970	PAX8	selected fusions
chr2	113993159	113994177	PAX8	selected fusions
chr2	113994298	113999127	PAX8	selected fusions
chr2	223066909	223084858	PAX3	selected fusions
chr2	223085073	223085940	PAX3	selected fusions
chr2	29446394	29448326	ALK	selected fusions
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chr4	1808661	1808842	FGFR3	selected fusions
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chr6	135524462	135539001	MYB	selected fusions
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chr7	55221845	55223522	EGFR	selected fusions
chr8	38271322	38271435	FGFR1	selected fusions
chr9	87285875	87317073	NTRK2	selected fusions
chrX	48121250	48123216	SSX1	selected fusions
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chrX	48895639	48895721	TFE3	selected fusions
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chr9	32425810	32426020	ACO1	678_selected_genes
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chr2	215609765	215609908	BARD1	678_selected_genes
chr2	215610420	215610603	BARD1	678_selected_genes
chr2	215617145	215617304	BARD1	678_selected_genes
chr2	215632180	215632403	BARD1	678_selected_genes
chr2	215633930	215634061	BARD1	678_selected_genes
chr2	215645258	215646258	BARD1	678_selected_genes
chr2	215656995	215657194	BARD1	678_selected_genes
chr2	215661759	215661866	BARD1	678_selected_genes
chr2	215674110	215674318	BARD1	678_selected_genes
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chr19	47729795	47730036	BBC3	678_selected_genes
chr19	47731389	47731728	BBC3	678_selected_genes
chr19	47735746	47735884	BBC3	678_selected_genes
chr18	60795832	60796017	BCL2	678_selected_genes
chr18	60985256	60985924	BCL2	678_selected_genes
chr20	30253726	30253914	BCL2L1	678_selected_genes
chr20	30309432	30310046	BCL2L1	678_selected_genes
chr2	111881297	111881741	BCL2L11	678_selected_genes
chr2	111881869	111882023	BCL2L11	678_selected_genes

chr2	111886178	111886353	BCL2L11	678_selected_genes
chr2	111887683	111887837	BCL2L11	678_selected_genes
chr2	111899864	111899993	BCL2L11	678_selected_genes
chr2	111902039	111902103	BCL2L11	678_selected_genes
chr2	111907595	111907749	BCL2L11	678_selected_genes
chr2	111909373	111909453	BCL2L11	678_selected_genes
chr2	111911331	111911410	BCL2L11	678_selected_genes
chr2	111918970	111919041	BCL2L11	678_selected_genes
chr2	111921684	111921833	BCL2L11	678_selected_genes
chr14	23776951	23777433	BCL2L2	678_selected_genes
chr14	23777999	23778199	BCL2L2	678_selected_genes
chr14	23780156	23780332	BCL2L2	678_selected_genes
chr3	187440220	187440414	BCL6	678_selected_genes
chr3	187442703	187442891	BCL6	678_selected_genes
chr3	187443261	187443442	BCL6	678_selected_genes
chr3	187444493	187444711	BCL6	678_selected_genes
chr3	187446122	187446357	BCL6	678_selected_genes
chr3	187446812	187447834	BCL6	678_selected_genes
chr3	187449471	187449743	BCL6	678_selected_genes
chr3	187451295	187451506	BCL6	678_selected_genes
chr6	136582222	136582278	BCLAF1	678_selected_genes
chr6	136582377	136582640	BCLAF1	678_selected_genes
chr6	136588141	136588338	BCLAF1	678_selected_genes
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chr6	136593107	136593242	BCLAF1	678_selected_genes
chr6	136594194	136594350	BCLAF1	678_selected_genes
chr6	136595225	136595352	BCLAF1	678_selected_genes
chr6	136596644	136596864	BCLAF1	678_selected_genes
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chrX	39930200	39930437	BCOR	678_selected_genes
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chrX	129139182	129139318	BCORL1	678_selected_genes
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chr22	23603111	23603266	BCR	678_selected_genes
chr22	23603516	23603752	BCR	678_selected_genes
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chr22	23613693	23613804	BCR	678_selected_genes
chr22	23615242	23615345	BCR	678_selected_genes
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chr22	23626138	23626310	BCR	678_selected_genes
chr22	23627194	23627413	BCR	678_selected_genes
chr22	23629320	23629490	BCR	678_selected_genes
chr22	23630258	23630384	BCR	678_selected_genes
chr22	23631678	23631833	BCR	678_selected_genes
chr22	23632500	23632625	BCR	678_selected_genes
chr22	23634702	23634850	BCR	678_selected_genes
chr22	23637185	23637367	BCR	678_selected_genes
chr22	23651585	23651695	BCR	678_selected_genes
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chr22	23653858	23654048	BCR	678_selected_genes
chr22	23655048	23655233	BCR	678_selected_genes
chr22	23656129	23656285	BCR	678_selected_genes

chr22	23656713	23656926	BCR	678_selected_genes
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chr15	91306170	91306412	BLM	678_selected_genes
chr15	91308500	91308669	BLM	678_selected_genes
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chr15	91312642	91312841	BLM	678_selected_genes
chr15	91326026	91326183	BLM	678_selected_genes
chr15	91328125	91328336	BLM	678_selected_genes
chr15	91333853	91334099	BLM	678_selected_genes
chr15	91337371	91337612	BLM	678_selected_genes
chr15	91341394	91341592	BLM	678_selected_genes
chr15	91346725	91346975	BLM	678_selected_genes
chr15	91347371	91347614	BLM	678_selected_genes
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chr15	91354409	91354661	BLM	678_selected_genes
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chr10	88649793	88650006	BMPR1A	678_selected_genes
chr10	88651858	88652011	BMPR1A	678_selected_genes
chr10	88659525	88659672	BMPR1A	678_selected_genes
chr10	88659758	88659908	BMPR1A	678_selected_genes
chr10	88671971	88672166	BMPR1A	678_selected_genes
chr10	88676865	88677108	BMPR1A	678_selected_genes
chr10	88678903	88679251	BMPR1A	678_selected_genes
chr10	88681251	88681477	BMPR1A	678_selected_genes
chr10	88683107	88683288	BMPR1A	678_selected_genes
chr10	88683325	88683501	BMPR1A	678_selected_genes
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chr7	140434371	140434595	BRAF	678_selected_genes
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chr7	140449061	140449243	BRAF	678_selected_genes
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chr7	140477765	140477900	BRAF	678_selected_genes
chr7	140481350	140481518	BRAF	678_selected_genes
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chr7	140487322	140487409	BRAF	678_selected_genes
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chr7	140500136	140500306	BRAF	678_selected_genes
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chr7	140507734	140507887	BRAF	678_selected_genes
chr7	140508069	140508141	BRAF	678_selected_genes
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chr17	41209043	41209177	BRCA1	678_selected_genes
chr17	41215324	41215415	BRCA1	678_selected_genes
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chr17	41219599	41219737	BRCA1	678_selected_genes
chr17	41222919	41223280	BRCA1	678_selected_genes
chr17	41226322	41226563	BRCA1	678_selected_genes
chr17	41228479	41228656	BRCA1	678_selected_genes
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chr17	41251766	41251922	BRCA1	678_selected_genes
chr17	41256113	41256303	BRCA1	678_selected_genes
chr17	41256859	41256998	BRCA1	678_selected_genes
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chr17	41267717	41267821	BRCA1	678_selected_genes
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chr13	32972273	32972932	BRCA2	678_selected_genes
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chr19	15364342	15364619	BRD4	678_selected_genes
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chr17	59821767	59821977	BRIP1	678_selected_genes
chr17	59853736	59853948	BRIP1	678_selected_genes
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chr17	59934393	59934617	BRIP1	678_selected_genes
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chrX	100617135	100617253	BTK	678_selected_genes
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chrX	100624960	100625092	BTK	678_selected_genes
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chrX	100629498	100629647	BTK	678_selected_genes
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chr15	40462237	40462389	BUB1B	678_selected_genes
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chr15	40468652	40468899	BUB1B	678_selected_genes
chr15	40475889	40476109	BUB1B	678_selected_genes
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chr15	40504674	40504874	BUB1B	678_selected_genes
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chr2	27446405	27446641	CAD	678_selected_genes
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chr2	27447187	27447383	CAD	678_selected_genes
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chr2	27456468	27456701	CAD	678_selected_genes
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chr2	27458087	27458320	CAD	678_selected_genes
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chr2	27459126	27459416	CAD	678_selected_genes
chr2	27459570	27459723	CAD	678_selected_genes
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chr2	27460560	27460775	CAD	678_selected_genes
chr2	27460898	27461080	CAD	678_selected_genes
chr2	27461273	27461525	CAD	678_selected_genes
chr2	27461884	27462125	CAD	678_selected_genes
chr2	27462173	27462364	CAD	678_selected_genes
chr2	27462539	27462691	CAD	678_selected_genes
chr2	27463107	27463254	CAD	678_selected_genes
chr2	27463409	27463510	CAD	678_selected_genes
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chr2	27466040	27466185	CAD	678_selected_genes
chr2	27466258	27466411	CAD	678_selected_genes
chr7	2946246	2946501	CARD11	678_selected_genes
chr7	2949658	2949824	CARD11	678_selected_genes
chr7	2951780	2951955	CARD11	678_selected_genes
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chr7	2958980	2959271	CARD11	678_selected_genes
chr7	2962242	2962419	CARD11	678_selected_genes
chr7	2962740	2962992	CARD11	678_selected_genes
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chr7	2966347	2966450	CARD11	678_selected_genes
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chr7	2976645	2976893	CARD11	678_selected_genes
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chr10	70520738	70520974	CCAR1	678_selected_genes
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chr17	7788099	7788426	CHD3	678_selected_genes
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chr17	7803188	7803376	CHD3	678_selected_genes
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chr22	29120844	29120936	CHEK2	678_selected_genes
chr22	29120939	29121137	CHEK2	678_selected_genes
chr22	29121205	29121380	CHEK2	678_selected_genes
chr22	29125283	29125389	CHEK2	678_selected_genes
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chr22	29130365	29130740	CHEK2	678_selected_genes
chr22	29133222	29133296	CHEK2	678_selected_genes
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chr10	101959702	101959802	CHUK	678_selected_genes
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chr2	189859424	189859582	COL3A1	678_selected_genes
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chr2	189860392	189860541	COL3A1	678_selected_genes
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chr2	189861865	189861969	COL3A1	678_selected_genes
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chr2	189862966	189863070	COL3A1	678_selected_genes
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chr2	189864170	189864328	COL3A1	678_selected_genes
chr2	189864542	189864646	COL3A1	678_selected_genes
chr2	189866097	189866201	COL3A1	678_selected_genes
chr2	189866236	189866340	COL3A1	678_selected_genes
chr2	189866998	189867102	COL3A1	678_selected_genes
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chr22	19956033	19956284	COMT	678_selected_genes
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chr2	208439970	208440203	CREB1	678_selected_genes
chr2	208441329	208441396	CREB1	678_selected_genes
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chr16	3827588	3827683	CREBBP	678_selected_genes
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chr16	3828675	3828843	CREBBP	678_selected_genes
chr16	3830707	3830904	CREBBP	678_selected_genes
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chr16	3843361	3843652	CREBBP	678_selected_genes
chr16	3860578	3860805	CREBBP	678_selected_genes
chr16	3900272	3901035	CREBBP	678_selected_genes
chr16	3929807	3929942	CREBBP	678_selected_genes
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chr19	18864284	18864420	CRTC1	678_selected_genes
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chr19	18885684	18885821	CRTC1	678_selected_genes
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chr19	18887955	18888217	CRTC1	678_selected_genes
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chr15	91083245	91083394	CRTC3	678_selected_genes
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chr15	91141656	91141751	CRTC3	678_selected_genes
chr15	91145530	91145642	CRTC3	678_selected_genes
chr15	91147591	91147704	CRTC3	678_selected_genes
chr15	91150584	91150735	CRTC3	678_selected_genes
chr15	91157659	91157745	CRTC3	678_selected_genes
chr15	91161089	91161225	CRTC3	678_selected_genes
chr15	91162947	91163047	CRTC3	678_selected_genes
chr15	91168982	91169250	CRTC3	678_selected_genes
chr15	91172440	91172789	CRTC3	678_selected_genes
chr15	91181652	91181903	CRTC3	678_selected_genes
chr15	91181941	91182072	CRTC3	678_selected_genes
chr15	91184303	91184456	CRTC3	678_selected_genes
chr15	91185138	91185397	CRTC3	678_selected_genes
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chrX	32383111	32383341	DMD	678_selected_genes
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chrX	32408162	32408323	DMD	678_selected_genes
chrX	32429843	32430055	DMD	678_selected_genes
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chrX	32430253	32430351	DMD	678_selected_genes
chrX	32456332	32456532	DMD	678_selected_genes
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chrX	32472753	32472974	DMD	678_selected_genes
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chrX	32834559	32834782	DMD	678_selected_genes
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chr19	2185828	2185953	DOT1L	678_selected_genes
chr19	2189705	2189819	DOT1L	678_selected_genes
chr19	2190985	2191264	DOT1L	678_selected_genes
chr19	2193662	2193807	DOT1L	678_selected_genes
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chr19	2223254	2223510	DOT1L	678_selected_genes
chr19	2225361	2225476	DOT1L	678_selected_genes
chr19	2226156	2227151	DOT1L	678_selected_genes
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chr1	97839091	97839225	DPYD	678_selected_genes
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chr1	98015090	98015325	DPYD	678_selected_genes
chr1	98039290	98039551	DPYD	678_selected_genes
chr1	98058748	98058968	DPYD	678_selected_genes
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chr1	98144625	98144763	DPYD	678_selected_genes
chr1	98157247	98157379	DPYD	678_selected_genes
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chr2	47596189	47596399	EPCAM	678_selected_genes
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chr4	187538133	187538380	FAT1	678_selected_genes
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chr4	187584427	187584792	FAT1	678_selected_genes
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chr11	92257774	92258139	FAT3	678_selected_genes
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chr15	48714123	48714290	FBN1	678_selected_genes
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chr2	48046069	48046242	FBXO11	678_selected_genes
chr2	48047475	48047620	FBXO11	678_selected_genes
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chr2	48061692	48061875	FBXO11	678_selected_genes
chr2	48061901	48062035	FBXO11	678_selected_genes
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chr2	48065972	48066167	FBXO11	678_selected_genes
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chr13	102375155	102375342	FGF14	678_selected_genes
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chr12	427246	427652	KDM5A	678_selected_genes
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chr6	129475624	129475853	LAMA2	678_selected_genes
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chr6	129573203	129573465	LAMA2	678_selected_genes
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chr19	11224185	11224463	LDLR	678_selected_genes
chr19	11226744	11226913	LDLR	678_selected_genes
chr19	11227509	11227699	LDLR	678_selected_genes
chr19	11230742	11230934	LDLR	678_selected_genes
chr19	11231020	11231223	LDLR	678_selected_genes
chr19	11233824	11234045	LDLR	678_selected_genes
chr19	11238658	11238786	LDLR	678_selected_genes
chr19	11240101	11240371	LDLR	678_selected_genes
chr19	11241931	11242219	LDLR	678_selected_genes
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chr5	38482665	38482794	LIFR	678_selected_genes
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chr5	38505981	38506201	LIFR	678_selected_genes
chr5	38506579	38506759	LIFR	678_selected_genes
chr5	38510540	38510845	LIFR	678_selected_genes
chr5	38511866	38512091	LIFR	678_selected_genes
chr5	38523495	38523709	LIFR	678_selected_genes
chr5	38527231	38527421	LIFR	678_selected_genes
chr5	38528802	38528967	LIFR	678_selected_genes
chr5	38530582	38530774	LIFR	678_selected_genes
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chr1	156095969	156096039	LMNA	678_selected_genes
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chr1	156096568	156096735	LMNA	678_selected_genes
chr1	156099615	156099724	LMNA	678_selected_genes
chr1	156100382	156100589	LMNA	678_selected_genes
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chr3	188477875	188478095	LPP	678_selected_genes
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chr2	141213998	141214197	LRP1B	678_selected_genes
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chr2	141597534	141597679	LRP1B	678_selected_genes
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chr12	40671664	40671843	LRRK2	678_selected_genes
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chr12	40699561	40699793	LRRK2	678_selected_genes
chr12	40702243	40702523	LRRK2	678_selected_genes
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chr12	40734070	40734281	LRRK2	678_selected_genes
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chr12	40753036	40753271	LRRK2	678_selected_genes
chr12	40757178	40757381	LRRK2	678_selected_genes
chr12	40758618	40758877	LRRK2	678_selected_genes
chr12	40760782	40760904	LRRK2	678_selected_genes

chr12	40761420	40761592	LRRK2	678_selected_genes
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chr8	56863214	56863368	LYN	678_selected_genes
chr8	56864499	56864699	LYN	678_selected_genes
chr8	56866365	56866568	LYN	678_selected_genes
chr8	56879248	56879481	LYN	678_selected_genes
chr8	56882250	56882377	LYN	678_selected_genes
chr8	56910879	56911083	LYN	678_selected_genes
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chr22	21343052	21343186	LZTR1	678_selected_genes
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chr22	21348187	21348333	LZTR1	678_selected_genes
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chr22	21351149	21351451	LZTR1	678_selected_genes
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chr11	95712086	95713152	MAML2	678_selected_genes
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chr12	69202962	69203103	MDM2	678_selected_genes
chr12	69207308	69207433	MDM2	678_selected_genes
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chr12	69209382	69209525	MDM2	678_selected_genes
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chr17	37571253	37571409	MED1	678_selected_genes
chr17	37571471	37571617	MED1	678_selected_genes
chr17	37575944	37576196	MED1	678_selected_genes
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chr17	37601689	37601847	MED1	678_selected_genes
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chrX	70343418	70343595	MED12	678_selected_genes
chrX	70343983	70344263	MED12	678_selected_genes
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chrX	70344800	70345021	MED12	678_selected_genes
chrX	70345175	70345370	MED12	678_selected_genes
chrX	70345487	70345588	MED12	678_selected_genes
chrX	70345860	70346029	MED12	678_selected_genes
chrX	70346165	70346359	MED12	678_selected_genes
chrX	70346793	70347007	MED12	678_selected_genes
chrX	70347160	70347342	MED12	678_selected_genes
chrX	70347717	70347995	MED12	678_selected_genes
chrX	70348120	70348315	MED12	678_selected_genes
chrX	70348422	70348593	MED12	678_selected_genes
chrX	70348938	70349090	MED12	678_selected_genes
chrX	70349140	70349304	MED12	678_selected_genes
chrX	70349504	70349730	MED12	678_selected_genes
chrX	70349859	70350089	MED12	678_selected_genes
chrX	70351374	70351496	MED12	678_selected_genes
chrX	70351897	70352081	MED12	678_selected_genes
chrX	70352201	70352413	MED12	678_selected_genes
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chrX	70354181	70354341	MED12	678_selected_genes
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chrX	70354916	70355128	MED12	678_selected_genes
chrX	70356105	70356530	MED12	678_selected_genes
chrX	70356703	70356904	MED12	678_selected_genes
chrX	70357011	70357267	MED12	678_selected_genes
chrX	70357382	70357510	MED12	678_selected_genes
chrX	70357529	70357818	MED12	678_selected_genes
chrX	70360459	70360732	MED12	678_selected_genes
chrX	70361054	70361245	MED12	678_selected_genes
chrX	70361707	70361839	MED12	678_selected_genes
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chr11	93523400	93523534	MED17	678_selected_genes
chr11	93523714	93523984	MED17	678_selected_genes
chr11	93526868	93527082	MED17	678_selected_genes
chr11	93527091	93527226	MED17	678_selected_genes
chr11	93528048	93528251	MED17	678_selected_genes
chr11	93529550	93529731	MED17	678_selected_genes
chr11	93530675	93530910	MED17	678_selected_genes
chr11	93534975	93535163	MED17	678_selected_genes
chr11	93540658	93540826	MED17	678_selected_genes
chr11	93542857	93543067	MED17	678_selected_genes
chr11	93544993	93545255	MED17	678_selected_genes
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chr6	131915213	131915500	MED23	678_selected_genes
chr6	131917061	131917328	MED23	678_selected_genes
chr6	131917632	131917853	MED23	678_selected_genes
chr6	131919365	131919632	MED23	678_selected_genes
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chr6	131924144	131924369	MED23	678_selected_genes
chr6	131925292	131925485	MED23	678_selected_genes
chr6	131926354	131926650	MED23	678_selected_genes
chr6	131927593	131927789	MED23	678_selected_genes
chr6	131929042	131929236	MED23	678_selected_genes
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chr6	131948755	131948837	MED23	678_selected_genes
chr6	131949125	131949214	MED23	678_selected_genes
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chr15	100214572	100214842	MEF2A	678_selected_genes
chr15	100215578	100215688	MEF2A	678_selected_genes
chr15	100230420	100230658	MEF2A	678_selected_genes
chr15	100230745	100230810	MEF2A	678_selected_genes
chr15	100230824	100230886	MEF2A	678_selected_genes
chr15	100243541	100243615	MEF2A	678_selected_genes
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chr19	19257052	19257239	MEF2B	678_selected_genes
chr19	19257338	19257482	MEF2B	678_selected_genes
chr19	19257525	19257709	MEF2B	678_selected_genes
chr19	19257819	19258017	MEF2B	678_selected_genes
chr19	19258481	19258666	MEF2B	678_selected_genes
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chr11	64574998	64575177	MEN1	678_selected_genes
chr11	64575337	64575596	MEN1	678_selected_genes
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chr7	116339099	116340363	MET	678_selected_genes
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chr7	116379978	116380163	MET	678_selected_genes
chr7	116380880	116381104	MET	678_selected_genes
chr7	116395383	116395594	MET	678_selected_genes
chr7	116397465	116397618	MET	678_selected_genes
chr7	116397666	116397853	MET	678_selected_genes

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chr7	116399365	116399569	MET	678_selected_genes
chr7	116403078	116403347	MET	678_selected_genes
chr7	116409673	116409945	MET	678_selected_genes
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chr7	116417417	116417548	MET	678_selected_genes
chr7	116418804	116419036	MET	678_selected_genes
chr7	116422016	116422176	MET	678_selected_genes
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chr15	41976566	41976632	MGA	678_selected_genes
chr15	41988247	41989246	MGA	678_selected_genes
chr15	41991035	41991164	MGA	678_selected_genes
chr15	41991236	41991382	MGA	678_selected_genes
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chr15	42000276	42000431	MGA	678_selected_genes
chr15	42002863	42003572	MGA	678_selected_genes
chr15	42005323	42005719	MGA	678_selected_genes
chr15	42019352	42019629	MGA	678_selected_genes
chr15	42021336	42021572	MGA	678_selected_genes
chr15	42026694	42026817	MGA	678_selected_genes
chr15	42028353	42028921	MGA	678_selected_genes
chr15	42032078	42032426	MGA	678_selected_genes
chr15	42034718	42035395	MGA	678_selected_genes
chr15	42040809	42041150	MGA	678_selected_genes
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chr15	42052495	42052752	MGA	678_selected_genes
chr15	42053911	42054073	MGA	678_selected_genes
chr15	42054301	42054585	MGA	678_selected_genes
chr15	42057058	42057285	MGA	678_selected_genes
chr15	42058176	42059503	MGA	678_selected_genes
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chr3	69812967	69813118	MITF	678_selected_genes
chr3	69915416	69915522	MITF	678_selected_genes
chr3	69928230	69928559	MITF	678_selected_genes
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chr3	69986947	69987225	MITF	678_selected_genes
chr3	69987477	69987542	MITF	678_selected_genes
chr3	69988223	69988357	MITF	678_selected_genes
chr3	69990361	69990507	MITF	678_selected_genes
chr3	69998176	69998344	MITF	678_selected_genes
chr3	70000937	70001062	MITF	678_selected_genes
chr3	70005580	70005706	MITF	678_selected_genes
chr3	70008398	70008596	MITF	678_selected_genes
chr3	70013972	70014424	MITF	678_selected_genes
chr3	37035013	37035210	MLH1	678_selected_genes
chr3	37038084	37038225	MLH1	678_selected_genes
chr3	37042420	37042569	MLH1	678_selected_genes
chr3	37045866	37045990	MLH1	678_selected_genes
chr3	37048456	37048579	MLH1	678_selected_genes
chr3	37050279	37050421	MLH1	678_selected_genes
chr3	37053285	37053378	MLH1	678_selected_genes
chr3	37053476	37053615	MLH1	678_selected_genes
chr3	37055897	37056060	MLH1	678_selected_genes
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chr3	37067102	37067523	MLH1	678_selected_genes
chr3	37070249	37070448	MLH1	678_selected_genes
chr3	37081651	37081810	MLH1	678_selected_genes
chr3	37083733	37083847	MLH1	678_selected_genes
chr3	37088984	37089199	MLH1	678_selected_genes
chr3	37089982	37090125	MLH1	678_selected_genes
chr3	37090369	37090533	MLH1	678_selected_genes
chr3	37091951	37092169	MLH1	678_selected_genes
chr3	37107082	37107135	MLH1	678_selected_genes
chr14	75483759	75483929	MLH3	678_selected_genes
chr14	75485506	75485708	MLH3	678_selected_genes
chr14	75489491	75489620	MLH3	678_selected_genes
chr14	75489672	75489746	MLH3	678_selected_genes
chr14	75497220	75497443	MLH3	678_selected_genes
chr14	75498745	75498907	MLH3	678_selected_genes
chr14	75500096	75500218	MLH3	678_selected_genes
chr14	75503346	75503470	MLH3	678_selected_genes
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chr14	75508292	75508428	MLH3	678_selected_genes
chr14	75509056	75509205	MLH3	678_selected_genes
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chr10	21827736	21827866	MLLT10	678_selected_genes
chr10	21840719	21840875	MLLT10	678_selected_genes
chr10	21845546	21845896	MLLT10	678_selected_genes
chr10	21875197	21875302	MLLT10	678_selected_genes
chr10	21884234	21884394	MLLT10	678_selected_genes
chr10	21901251	21901405	MLLT10	678_selected_genes
chr10	21903734	21903878	MLLT10	678_selected_genes
chr10	21906015	21906161	MLLT10	678_selected_genes
chr10	21940576	21940722	MLLT10	678_selected_genes
chr10	21959352	21959658	MLLT10	678_selected_genes
chr10	21962253	21962873	MLLT10	678_selected_genes
chr10	21970235	21970330	MLLT10	678_selected_genes
chr10	21971128	21971211	MLLT10	678_selected_genes
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chr10	22002675	22002904	MLLT10	678_selected_genes
chr10	22015147	22015309	MLLT10	678_selected_genes
chr10	22016759	22016882	MLLT10	678_selected_genes
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chr9	20346415	20346597	MLLT3	678_selected_genes
chr9	20353497	20353619	MLLT3	678_selected_genes
chr9	20354780	20354902	MLLT3	678_selected_genes
chr9	20360714	20360864	MLLT3	678_selected_genes
chr9	20363448	20363628	MLLT3	678_selected_genes
chr9	20365641	20365767	MLLT3	678_selected_genes
chr9	20413693	20414448	MLLT3	678_selected_genes
chr9	20448095	20448289	MLLT3	678_selected_genes
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chr9	20620627	20620858	MLLT3	678_selected_genes
chr9	20621746	20621799	MLLT3	678_selected_genes
chr9	20622218	20622280	MLLT3	678_selected_genes
chr16	55513366	55513569	MMP2	678_selected_genes
chr16	55515762	55515815	MMP2	678_selected_genes
chr16	55516795	55517072	MMP2	678_selected_genes
chr16	55517902	55518101	MMP2	678_selected_genes
chr16	55519185	55519364	MMP2	678_selected_genes
chr16	55519490	55519714	MMP2	678_selected_genes
chr16	55522429	55522653	MMP2	678_selected_genes
chr16	55523537	55523761	MMP2	678_selected_genes
chr16	55525687	55525893	MMP2	678_selected_genes
chr16	55527044	55527230	MMP2	678_selected_genes
chr16	55530812	55530999	MMP2	678_selected_genes
chr16	55532175	55532385	MMP2	678_selected_genes
chr16	55536665	55536826	MMP2	678_selected_genes
chr16	55539225	55539379	MMP2	678_selected_genes
chr22	28146877	28147109	MN1	678_selected_genes
chr22	28192725	28196556	MN1	678_selected_genes
chr1	158811918	158812233	MNDA	678_selected_genes
chr1	158813043	158813230	MNDA	678_selected_genes
chr1	158813719	158813937	MNDA	678_selected_genes
chr1	158815351	158815818	MNDA	678_selected_genes
chr1	158817492	158817731	MNDA	678_selected_genes
chr1	158818954	158819052	MNDA	678_selected_genes
chr1	43803494	43803623	MPL	678_selected_genes
chr1	43803744	43803927	MPL	678_selected_genes
chr1	43804187	43804416	MPL	678_selected_genes
chr1	43804916	43805265	MPL	678_selected_genes
chr1	43805609	43805822	MPL	678_selected_genes
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chr1	43812090	43812325	MPL	678_selected_genes
chr1	43812437	43812630	MPL	678_selected_genes
chr1	43814488	43814698	MPL	678_selected_genes
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chr1	43817861	43817999	MPL	678_selected_genes
chr1	43818163	43818468	MPL	678_selected_genes
chr17	56347991	56348249	MPO	678_selected_genes
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chr17	56350083	56350304	MPO	678_selected_genes
chr17	56350749	56351055	MPO	678_selected_genes
chr17	56352877	56353088	MPO	678_selected_genes
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chr11	94204714	94204950	MRE11A	678_selected_genes
chr11	94208753	94208810	MRE11A	678_selected_genes
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chr11	94211875	94212067	MRE11A	678_selected_genes
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chr11	94219064	94219275	MRE11A	678_selected_genes
chr11	94223973	94224156	MRE11A	678_selected_genes
chr11	94225782	94225861	MRE11A	678_selected_genes
chr11	94225922	94225992	MRE11A	678_selected_genes
chr2	47630305	47630566	MSH2	678_selected_genes
chr2	47635514	47635719	MSH2	678_selected_genes
chr2	47637207	47637536	MSH2	678_selected_genes
chr2	47639527	47639724	MSH2	678_selected_genes
chr2	47641382	47641582	MSH2	678_selected_genes
chr2	47643409	47643593	MSH2	678_selected_genes
chr2	47656855	47657105	MSH2	678_selected_genes
chr2	47672661	47672821	MSH2	678_selected_genes
chr2	47690144	47690318	MSH2	678_selected_genes
chr2	47693771	47693972	MSH2	678_selected_genes
chr2	47698078	47698226	MSH2	678_selected_genes
chr2	47702138	47702434	MSH2	678_selected_genes
chr2	47703480	47703735	MSH2	678_selected_genes
chr2	47705385	47705683	MSH2	678_selected_genes
chr2	47707809	47708035	MSH2	678_selected_genes
chr2	47709892	47710113	MSH2	678_selected_genes
chr2	47739416	47739598	MSH2	678_selected_genes
chr2	48010347	48010657	MSH6	678_selected_genes
chr2	48018040	48018287	MSH6	678_selected_genes
chr2	48023007	48023227	MSH6	678_selected_genes
chr2	48025724	48028319	MSH6	678_selected_genes
chr2	48030533	48030849	MSH6	678_selected_genes
chr2	48032023	48032191	MSH6	678_selected_genes
chr2	48032731	48032871	MSH6	678_selected_genes
chr2	48033317	48033522	MSH6	678_selected_genes
chr2	48033565	48033815	MSH6	678_selected_genes
chr2	48033892	48034024	MSH6	678_selected_genes
chr1	11850711	11850980	MTHFR	678_selected_genes
chr1	11851238	11851408	MTHFR	678_selected_genes
chr1	11852309	11852461	MTHFR	678_selected_genes
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chr1	11854389	11854620	MTHFR	678_selected_genes
chr1	11854760	11854945	MTHFR	678_selected_genes
chr1	11855129	11855430	MTHFR	678_selected_genes
chr1	11856237	11856481	MTHFR	678_selected_genes
chr1	11860243	11860404	MTHFR	678_selected_genes
chr1	11861192	11861481	MTHFR	678_selected_genes
chr1	11862912	11863267	MTHFR	678_selected_genes
chr1	11863436	11863596	MTHFR	678_selected_genes
chr1	11167516	11167582	MTOR	678_selected_genes
chr1	11168212	11168368	MTOR	678_selected_genes
chr1	11169321	11169452	MTOR	678_selected_genes
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chr1	11177035	11177168	MTOR	678_selected_genes
chr1	11181277	11181450	MTOR	678_selected_genes
chr1	11182010	11182208	MTOR	678_selected_genes
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chr6	135538976	135539143	MYB	678_selected_genes
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chr11	47364103	47364320	MYBPC3	678_selected_genes
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chr11	47364785	47364838	MYBPC3	678_selected_genes
chr11	47365017	47365200	MYBPC3	678_selected_genes
chr11	47367732	47367946	MYBPC3	678_selected_genes
chr11	47368152	47368223	MYBPC3	678_selected_genes
chr11	47368552	47368605	MYBPC3	678_selected_genes
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chr11	47369176	47369256	MYBPC3	678_selected_genes
chr11	47369382	47369481	MYBPC3	678_selected_genes
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chr14	23883190	23883336	MYH7	678_selected_genes
chr14	23884178	23884504	MYH7	678_selected_genes
chr14	23884564	23884740	MYH7	678_selected_genes
chr14	23884812	23885066	MYH7	678_selected_genes
chr14	23885187	23885546	MYH7	678_selected_genes
chr14	23886051	23886226	MYH7	678_selected_genes
chr14	23886336	23886552	MYH7	678_selected_genes
chr14	23886686	23886920	MYH7	678_selected_genes
chr14	23887393	23887640	MYH7	678_selected_genes
chr14	23888360	23888529	MYH7	678_selected_genes
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chr14	23894878	23895052	MYH7	678_selected_genes
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chr14	23895960	23896098	MYH7	678_selected_genes
chr14	23896423	23896541	MYH7	678_selected_genes
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chr17	15967356	15967526	NCOR1	678_selected_genes
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chr5	170833375	170833434	NPM1	678_selected_genes
chr5	170834678	170834803	NPM1	678_selected_genes
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chr16	69744853	69745209	NQO1	678_selected_genes
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chr16	69752247	69752462	NQO1	678_selected_genes
chr16	69760310	69760367	NQO1	678_selected_genes
chr2	157182230	157182537	NR4A2	678_selected_genes
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chr2	157183204	157183457	NR4A2	678_selected_genes
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chr11	3797086	3797276	NUP98	678_selected_genes
chr11	3800077	3800304	NUP98	678_selected_genes
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chrX	38211924	38212051	OTC	678_selected_genes
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chrX	38268103	38268303	OTC	678_selected_genes
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chr8	101716500	101716643	PABPC1	678_selected_genes
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chr8	101717791	101717926	PABPC1	678_selected_genes
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chr19	50906724	50906879	POLD1	678_selected_genes
chr19	50909413	50909604	POLD1	678_selected_genes
chr19	50909638	50909799	POLD1	678_selected_genes
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chr1	46724332	46724443	RAD54L	678_selected_genes
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chr1	46726188	46726308	RAD54L	678_selected_genes
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chr1	46726907	46727082	RAD54L	678_selected_genes
chr1	46733105	46733306	RAD54L	678_selected_genes
chr1	46736305	46736482	RAD54L	678_selected_genes
chr1	46738112	46738237	RAD54L	678_selected_genes
chr1	46738318	46738499	RAD54L	678_selected_genes
chr1	46739001	46739162	RAD54L	678_selected_genes
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chr1	46739784	46739913	RAD54L	678_selected_genes
chr1	46740184	46740414	RAD54L	678_selected_genes
chr1	46743463	46743677	RAD54L	678_selected_genes
chr1	46743718	46743979	RAD54L	678_selected_genes
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chr3	12626320	12626505	RAF1	678_selected_genes
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chr3	12632271	12632498	RAF1	678_selected_genes
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chr3	12641861	12641939	RAF1	678_selected_genes
chr3	12644951	12645061	RAF1	678_selected_genes
chr3	12645609	12645813	RAF1	678_selected_genes
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chr3	12650239	12650447	RAF1	678_selected_genes
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chr3	12653423	12653586	RAF1	678_selected_genes
chr3	12659988	12660245	RAF1	678_selected_genes
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chr2	109347752	109347956	RANBP2	678_selected_genes
chr2	109351962	109352243	RANBP2	678_selected_genes
chr2	109352534	109352730	RANBP2	678_selected_genes
chr2	109356919	109357162	RANBP2	678_selected_genes
chr2	109363141	109363279	RANBP2	678_selected_genes
chr2	109365350	109365610	RANBP2	678_selected_genes
chr2	109367694	109367926	RANBP2	678_selected_genes
chr2	109367958	109368184	RANBP2	678_selected_genes
chr2	109368301	109368475	RANBP2	678_selected_genes
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chr2	109370255	109370452	RANBP2	678_selected_genes
chr2	109371335	109371565	RANBP2	678_selected_genes
chr2	109371606	109371740	RANBP2	678_selected_genes
chr2	109374843	109375029	RANBP2	678_selected_genes
chr2	109378531	109378676	RANBP2	678_selected_genes
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chr2	109388131	109388352	RANBP2	678_selected_genes
chr2	109388919	109389062	RANBP2	678_selected_genes
chr2	109389298	109389527	RANBP2	678_selected_genes
chr2	109392162	109392417	RANBP2	678_selected_genes
chr2	109393560	109393712	RANBP2	678_selected_genes
chr2	109397699	109397910	RANBP2	678_selected_genes
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chr17	38497616	38497892	RARA	678_selected_genes
chr17	38498931	38499144	RARA	678_selected_genes
chr17	38504542	38504741	RARA	678_selected_genes
chr17	38506010	38506202	RARA	678_selected_genes
chr17	38507628	38507808	RARA	678_selected_genes
chr17	38508136	38508347	RARA	678_selected_genes
chr17	38508557	38508784	RARA	678_selected_genes
chr17	38510528	38510783	RARA	678_selected_genes
chr17	38511489	38511698	RARA	678_selected_genes
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chr5	86565041	86565129	RASA1	678_selected_genes
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chr5	86629058	86629179	RASA1	678_selected_genes
chr5	86633765	86633933	RASA1	678_selected_genes
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chr13	48921935	48922024	RB1	678_selected_genes
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chr13	48936925	48937118	RB1	678_selected_genes
chr13	48939004	48939132	RB1	678_selected_genes
chr13	48941604	48941764	RB1	678_selected_genes
chr13	48942637	48942765	RB1	678_selected_genes
chr13	48947515	48947653	RB1	678_selected_genes
chr13	48951028	48951195	RB1	678_selected_genes
chr13	48953704	48953811	RB1	678_selected_genes
chr13	48954163	48954245	RB1	678_selected_genes
chr13	48954275	48954402	RB1	678_selected_genes
chr13	48955357	48955604	RB1	678_selected_genes
chr13	49027103	49027272	RB1	678_selected_genes
chr13	49030314	49030510	RB1	678_selected_genes
chr13	49033798	49033994	RB1	678_selected_genes
chr13	49037841	49037996	RB1	678_selected_genes
chr13	49039108	49039272	RB1	678_selected_genes
chr13	49039315	49039529	RB1	678_selected_genes
chr13	49047470	49047551	RB1	678_selected_genes
chr13	49050811	49051004	RB1	678_selected_genes
chr13	49051465	49051565	RB1	678_selected_genes
chr13	49054108	49054232	RB1	678_selected_genes
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chrX	47006730	47006922	RBM10	678_selected_genes
chrX	47028688	47028922	RBM10	678_selected_genes
chrX	47030401	47030682	RBM10	678_selected_genes
chrX	47032501	47032621	RBM10	678_selected_genes
chrX	47034392	47034516	RBM10	678_selected_genes
chrX	47035873	47036010	RBM10	678_selected_genes
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chrX	47039585	47039733	RBM10	678_selected_genes
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chrX	47044428	47044628	RBM10	678_selected_genes
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chrX	47044815	47045054	RBM10	678_selected_genes
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chrX	47045438	47045595	RBM10	678_selected_genes
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chrX	135954428	135954529	RBMX	678_selected_genes
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chrX	135957193	135957352	RBMX	678_selected_genes
chrX	135957391	135957567	RBMX	678_selected_genes
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chrX	135960048	135960270	RBMX	678_selected_genes
chrX	135961150	135961342	RBMX	678_selected_genes
chrX	135961452	135961615	RBMX	678_selected_genes
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chr8	145738575	145738889	RECQL4	678_selected_genes
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chr8	145739286	145739516	RECQL4	678_selected_genes
chr8	145739547	145739771	RECQL4	678_selected_genes
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chr8	145741122	145741299	RECQL4	678_selected_genes
chr8	145741346	145742173	RECQL4	678_selected_genes
chr8	145742408	145742599	RECQL4	678_selected_genes
chr8	145742772	145743044	RECQL4	678_selected_genes
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chr2	61147683	61147802	REL	678_selected_genes
chr2	61148872	61149695	REL	678_selected_genes
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chr1	176102957	176103061	RFWD2	678_selected_genes
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chr1	176118116	176118235	RFWD2	678_selected_genes
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chr17	74474862	74475116	RHBDF2	678_selected_genes
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chr7	151168454	151168552	RHEB	678_selected_genes
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chr7	151181797	151181915	RHEB	678_selected_genes
chr7	151188003	151188125	RHEB	678_selected_genes
chr7	151195149	151195291	RHEB	678_selected_genes
chr7	151216520	151216622	RHEB	678_selected_genes
chr3	49397616	49397840	RHOA	678_selected_genes
chr3	49398335	49398524	RHOA	678_selected_genes
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chr5	38944989	38945195	RICTOR	678_selected_genes
chr5	38945567	38945851	RICTOR	678_selected_genes
chr5	38946544	38946679	RICTOR	678_selected_genes
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chr17	56432278	56432372	RNF43	678_selected_genes
chr17	56434501	56436209	RNF43	678_selected_genes
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chr6	117609629	117609990	ROS1	678_selected_genes
chr6	117622111	117622325	ROS1	678_selected_genes
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chr6	117632157	117632305	ROS1	678_selected_genes
chr6	117638280	117638460	ROS1	678_selected_genes
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chr6	117642396	117642582	ROS1	678_selected_genes
chr6	117645469	117645603	ROS1	678_selected_genes
chr6	117647361	117647602	ROS1	678_selected_genes
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chr6	117650466	117650634	ROS1	678_selected_genes
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chr6	117662272	117662499	ROS1	678_selected_genes
chr6	117662537	117662820	ROS1	678_selected_genes
chr6	117663537	117663732	ROS1	678_selected_genes
chr6	117665197	117665450	ROS1	678_selected_genes
chr6	117674127	117674357	ROS1	678_selected_genes
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chr6	117680946	117681199	ROS1	678_selected_genes
chr6	117681479	117681593	ROS1	678_selected_genes
chr6	117683740	117684053	ROS1	678_selected_genes
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chr2	39216385	39216480	SOS1	678_selected_genes
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chr17	40475252	40475397	STAT3	678_selected_genes
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chr17	40483464	40483574	STAT3	678_selected_genes
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chr17	40485883	40486092	STAT3	678_selected_genes
chr17	40489427	40489629	STAT3	678_selected_genes
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chr17	40490723	40490855	STAT3	678_selected_genes
chr17	40491306	40491452	STAT3	678_selected_genes
chr17	40497551	40497700	STAT3	678_selected_genes
chr17	40498561	40498756	STAT3	678_selected_genes
chr17	40500381	40500560	STAT3	678_selected_genes
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chr2	191898611	191898756	STAT4	678_selected_genes
chr2	191899248	191899348	STAT4	678_selected_genes
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chr2	191922718	191922862	STAT4	678_selected_genes
chr2	191922902	191922970	STAT4	678_selected_genes
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chr2	191934393	191934522	STAT4	678_selected_genes
chr2	191937798	191937941	STAT4	678_selected_genes
chr2	191940927	191941076	STAT4	678_selected_genes
chr2	191996520	191996651	STAT4	678_selected_genes
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chr19	1226427	1226687	STK11	678_selected_genes
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chr17	30267415	30267530	SUZ12	678_selected_genes
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chr15	43738559	43738813	TP53BP1	678_selected_genes
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chr15	43767737	43767917	TP53BP1	678_selected_genes
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chr20	30363644	30363816	TPX2	678_selected_genes
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chr16	2218052	2218194	TRAF7	678_selected_genes

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chr16	2221239	2221382	TRAF7	678_selected_genes
chr16	2221547	2221631	TRAF7	678_selected_genes
chr16	2222166	2222400	TRAF7	678_selected_genes
chr16	2222440	2222625	TRAF7	678_selected_genes
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chr16	2223456	2223580	TRAF7	678_selected_genes
chr16	2223763	2223862	TRAF7	678_selected_genes
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chr16	2224226	2224359	TRAF7	678_selected_genes
chr16	2225086	2225176	TRAF7	678_selected_genes
chr16	2225276	2225443	TRAF7	678_selected_genes
chr16	2225475	2225648	TRAF7	678_selected_genes
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chr16	2226024	2226206	TRAF7	678_selected_genes
chr16	2226240	2226410	TRAF7	678_selected_genes
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chr5	14297155	14297397	TRIO	678_selected_genes
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chr5	14397126	14397288	TRIO	678_selected_genes
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chr5	14419861	14420155	TRIO	678_selected_genes
chr5	14461102	14461445	TRIO	678_selected_genes
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chr5	14474077	14474231	TRIO	678_selected_genes
chr5	14476977	14477097	TRIO	678_selected_genes
chr5	14479344	14479484	TRIO	678_selected_genes
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chr5	14481317	14481418	TRIO	678_selected_genes
chr5	14481624	14481752	TRIO	678_selected_genes
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chr7	98490021	98490176	TRRAP	678_selected_genes
chr7	98491395	98491529	TRRAP	678_selected_genes
chr7	98493361	98493468	TRRAP	678_selected_genes



chr7	98495338	98495514	TRRAP	678_selected_genes
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chr7	98519350	98519601	TRRAP	678_selected_genes
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chr7	98527586	98527854	TRRAP	678_selected_genes
chr7	98528230	98528478	TRRAP	678_selected_genes
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chr7	98575808	98575971	TRRAP	678_selected_genes
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chr16	2105377	2105546	TSC2	678_selected_genes
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chr16	2106619	2106795	TSC2	678_selected_genes
chr16	2107080	2107204	TSC2	678_selected_genes
chr16	2108722	2108899	TSC2	678_selected_genes
chr16	2110645	2110839	TSC2	678_selected_genes
chr16	2111846	2112034	TSC2	678_selected_genes
chr16	2112472	2112626	TSC2	678_selected_genes
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chr16	2124175	2124415	TSC2	678_selected_genes
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chr14	81534572	81534697	TSHR	678_selected_genes
chr14	81554223	81554397	TSHR	678_selected_genes
chr14	81557387	81557512	TSHR	678_selected_genes
chr14	81558849	81558977	TSHR	678_selected_genes
chr14	81562957	81563076	TSHR	678_selected_genes
chr14	81574693	81574825	TSHR	678_selected_genes
chr14	81574867	81575050	TSHR	678_selected_genes
chr14	81605997	81606236	TSHR	678_selected_genes
chr14	81609258	81610722	TSHR	678_selected_genes
chr6	80715535	80715724	TTK	678_selected_genes
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chr6	80741158	80741301	TTK	678_selected_genes
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chr1	145438777	145439077	TXNIP	678_selected_genes
chr1	145439482	145439690	TXNIP	678_selected_genes
chr1	145439752	145439950	TXNIP	678_selected_genes
chr1	145440012	145440165	TXNIP	678_selected_genes
chr1	145440243	145440550	TXNIP	678_selected_genes

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chr1	145440876	145441078	TXNIP	678_selected_genes
chr1	145441157	145441243	TXNIP	678_selected_genes
chr18	657717	657972	TYMS	678_selected_genes
chr18	659615	659739	TYMS	678_selected_genes
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chr18	669046	669198	TYMS	678_selected_genes
chr18	670666	670892	TYMS	678_selected_genes
chr18	671354	671476	TYMS	678_selected_genes
chr18	672834	673022	TYMS	678_selected_genes
chr21	44513186	44513384	U2AF1	678_selected_genes
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chr21	44514739	44514923	U2AF1	678_selected_genes
chr21	44515522	44515671	U2AF1	678_selected_genes
chr21	44515778	44515878	U2AF1	678_selected_genes
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chr21	44527535	44527629	U2AF1	678_selected_genes
chr8	103266504	103266767	UBR5	678_selected_genes
chr8	103269834	103269970	UBR5	678_selected_genes
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chr8	103297715	103298034	UBR5	678_selected_genes
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chr8	103300357	103300519	UBR5	678_selected_genes
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chr8	103307184	103307364	UBR5	678_selected_genes
chr8	103307406	103307583	UBR5	678_selected_genes
chr8	103307616	103307785	UBR5	678_selected_genes
chr8	103307838	103308035	UBR5	678_selected_genes
chr8	103309095	103309237	UBR5	678_selected_genes
chr8	103309660	103309859	UBR5	678_selected_genes
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chr8	103311050	103311224	UBR5	678_selected_genes
chr8	103311654	103311800	UBR5	678_selected_genes
chr8	103312202	103312404	UBR5	678_selected_genes
chr8	103316245	103316422	UBR5	678_selected_genes
chr8	103317287	103317548	UBR5	678_selected_genes
chr8	103323501	103323749	UBR5	678_selected_genes
chr8	103323937	103324142	UBR5	678_selected_genes
chr8	103324336	103324498	UBR5	678_selected_genes
chr8	103324544	103324738	UBR5	678_selected_genes
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chrX	41000520	41000709	USP9X	678_selected_genes
chrX	41002518	41002721	USP9X	678_selected_genes
chrX	41003749	41003904	USP9X	678_selected_genes
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chr3	10191445	10191674	VHL	678_selected_genes
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chr1	117695687	117696016	VTCN1	678_selected_genes
chr1	117699170	117699568	VTCN1	678_selected_genes
chr1	117712703	117712818	VTCN1	678_selected_genes
chr1	117715783	117715874	VTCN1	678_selected_genes
chr1	117753420	117753502	VTCN1	678_selected_genes
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chr13	27239139	27239324	WASF3	678_selected_genes
chr13	27241628	27241832	WASF3	678_selected_genes
chr13	27245983	27246151	WASF3	678_selected_genes
chr13	27250660	27250886	WASF3	678_selected_genes
chr13	27254146	27254363	WASF3	678_selected_genes
chr13	27255165	27255482	WASF3	678_selected_genes
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chr4	1957684	1957940	WHSC1	678_selected_genes
chr4	1959634	1959788	WHSC1	678_selected_genes
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chr12	971221	971461	WNK1	678_selected_genes
chr12	974250	974555	WNK1	678_selected_genes
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chr8	30933663	30933828	WRN	678_selected_genes
chr8	30938357	30938837	WRN	678_selected_genes
chr8	30941189	30941320	WRN	678_selected_genes
chr8	30942656	30942787	WRN	678_selected_genes
chr8	30945266	30945461	WRN	678_selected_genes
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chr11	32421468	32421615	WT1	678_selected_genes
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chr11	32452050	32452110	WT1	678_selected_genes
chr11	32456220	32456916	WT1	678_selected_genes
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chr2	61719144	61719358	XPO1	678_selected_genes
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chr7	152345701	152346473	XRCC2	678_selected_genes
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chr7	152373100	152373189	XRCC2	678_selected_genes
chr14	104165109	104165379	XRCC3	678_selected_genes
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