

Chromsom	Start	End	NovelEvent	Peptides	EventProb	TotalNumP	OverlapsKr	NumOfUni
chrV	10497036	10499387	FrameShift	R.RMSNKC'	0.998387	1	TRUE	1
chrIII	13204881	13207293	NovelExon	R.CDLHKMI	0.995345	1	TRUE	1
chrII	11171387	11175420	FrameShift	K.YRSDYLK	0.999097	1	TRUE	1
chrIII	11485374	11487247	NovelExon	K.KFQFFQK	0.997604	1	TRUE	1
chrV	15571471	15574087	GeneBounc	R.FPSIFLEF	0.999942	2	FALSE	2
chrII	3403922	3406791	FrameShift	R.RVMIIITK	0.996771	1	TRUE	1
chrV	10566372	10576398	NovelExon	K.RAGMTLI	0.994994	1	TRUE	1
chrI	10590709	10593951	ExonBounc	K.LQIFETPF	0.995698	1	TRUE	1
chrX	15173834	15178056	ReverseStr	R.TLGTGLR	0.999997	2	TRUE	2
chrII	2767253	2769135	ExonBounc	R.IYIPAMLK	0.999223	1	TRUE	1
chrI	11649973	11651903	NovelExon	R.RPAKYGV	0.995854	1	TRUE	1
chrII	9190312	9194235	NovelExon	A.IMNGDF	0.99644	1	TRUE	1
chrI	13814739	13827969	FrameShift	R.FYYRKKG	0.995891	1	TRUE	1
chrX	845729	851506	ExonBounc	_.PTYLFQVI	0.997422	1	TRUE	1
chrII	11370251	11372009	ReverseStr	K.LIDFIAGR	1	3	TRUE	3
chrV	16227134	16229873	ReverseStr	R.LLFTKGEF	1	4	TRUE	4
chrII	12694342	12725413	NovelExon	K.KMRKKRI	0.994517	1	TRUE	1
chrI	9653092	9656291	FrameShift	K.SYWNLIM	0.998915	1	TRUE	1
chrX	2275435	2279220	NovelGene	K.DKFFSELE	1	3	FALSE	3
chrII	1874281	1875111	ExonBounc	E.MVIGDM	0.994707	1	TRUE	1
chrII	11527177	11533750	FrameShift	K.KWNASR	1	1	TRUE	1
chrV	246608	251747	ExonBounc	K.VSVMDA	0.994686	1	TRUE	1
chrIII	11488255	11500635	NovelExon	K.NRATELC	0.997484	1	TRUE	1
chrV	4770694	4773077	NovelExon	R.QNGKPAI	0.998109	1	TRUE	1
chrX	5101001	5106142	FrameShift	R.YSSECPE	1	4	TRUE	4
chrX	8748776	8750917	ReverseStr	_.ARCHGVI	0.99998	2	TRUE	2
chrV	13916482	13918037	FrameShift	_.APLHNIM	0.994605	1	TRUE	1
chrX	13552271	13556095	NovelExon	_.EHSKHLN	0.995993	1	TRUE	1
chrIV	13883537	13884019	GeneBounc	Q.DHTNHN	0.999998	2	FALSE	2
chrIII	12061639	12071897	NovelExon	K.ENSPPTS'	0.996083	1	TRUE	1
chrI	3733471	3740482	ExonBounc	K.RAKNFKA	0.994013	1	TRUE	1
chrII	4405864	4416686	ReverseStr	K.KSEKSGQ	0.999973	2	TRUE	2
chrIII	6553522	6558522	ReverseStr	R.ALLTNSM	1	3	TRUE	2
chrX	5101001	5106142	ExonBounc	R.DEEQSDE	0.999646	1	TRUE	1
chrV	11675924	11685259	NovelExon	R.VLPTVFY)	0.999664	1	TRUE	1
chrIV	8818635	8819117	GeneBounc	K.RRWMGF	0.999951	2	FALSE	2
chrX	5058336	5058702	ReverseStr	K.LEMSMS'	1	3	TRUE	3
chrIV	205239	208004	FrameShift	_.NGKAIGA	1	1	TRUE	1
chrX	9810173	9822215	FrameShift	K.HVYIQFYI	0.998778	1	TRUE	1
chrIII	1398164	1401391	ReverseStr	K.KLSMLNK	0.999993	2	TRUE	2
chrIII	8133599	8136583	FrameShift	K.FAVADEE	1	1	TRUE	1
chrV	5493731	5502994	NovelExon	_.LPCFNFP	0.99708	1	TRUE	1
chrII	9591243	9592874	GeneBounc	_.IIFVDVVK	0.999973	2	FALSE	2
chrI	13724563	13731978	GeneBounc	R.VGVEMV	0.999952	2	FALSE	2
chrII	9671549	9673202	ReverseStr	R.NLESRRN	0.999972	2	FALSE	2
chrV	5907391	5909603	FrameShift	V.ELEQLVQ	0.994454	1	TRUE	1

chrI	1629011	1633498	GeneBound	_.KIAYNSDI	0.999946	2	FALSE	2
chrV	724361	728104	ReverseStr	K.ERDRYSP	1	4	TRUE	3
chrIII	5480264	5483745	ReverseStr	R.KTFSTKFK	0.999932	2	TRUE	2
chrI	745756	748510	ReverseStr	K.PTPWSKF	0.999991	2	TRUE	2
chrX	10104553	10125424	NovelExon	K.LRETECLA	0.997398	1	TRUE	1
chrX	14322939	14326730	FrameShift	K.SKMDKSF	0.997199	1	TRUE	1
chrII	1327002	1350143	ReverseStr	K.KIFFHRN	0.999938	2	FALSE	2
chrIV	15981543	15983938	NovelExon	R.HHNGPV	0.999529	1	TRUE	1
chrIII	3869577	3887590	ReverseStr	_.LGTGVDP	1	5	FALSE	3
chrII	11027907	11030345	ReverseStr	R.FANANAI	0.999946	2	TRUE	2
chrI	1211495	1254700	NovelExon	K.QEQTNHI	0.997454	1	TRUE	1
chrIV	12586462	12590404	ReverseStr	_.REFFVQK	0.999952	2	TRUE	2
chrX	12106334	12108547	ReverseStr	K.QNTKNW	1	2	TRUE	2
chrII	3792527	3793428	ReverseStr	K.NQKTKN	0.999963	2	FALSE	2
chrIV	15323861	15325157	FrameShift	R.VKSEHQ	0.994085	1	TRUE	1
chrIII	11961853	11971258	FrameShift	R.KKECGDK	0.996268	1	TRUE	1
chrV	107402	118162	ReverseStr	K.VQNHNL	0.999971	2	TRUE	2
chrI	4827073	4829797	FrameShift	K.SMNSQK	0.994878	1	TRUE	1
chrIII	2690170	2698809	ReverseStr	K.TMKIPEI	0.999943	2	TRUE	2
chrIII	7232864	7234140	FrameShift	R.ARTSNIR	0.996927	1	TRUE	1
chrX	16049801	16054569	NovelExon	_.RDNKTTT	0.994081	1	TRUE	1
chrV	6497093	6498477	GeneBound	_.SFSKITEC	1	3	FALSE	3
chrV	16789308	16792750	ReverseStr	R.TIICTSSD	0.999998	2	TRUE	2
chrV	17774269	17777203	ReverseStr	K.SKICFLKE	0.999943	2	FALSE	2
chrI	8669972	8673542	ReverseStr	K.FGKCLKP	0.999974	2	FALSE	2
chrIV	3664963	3668698	ReverseStr	_.MGNGPV	0.999946	2	FALSE	2
chrV	11253995	11255062	ExonBound	K.VELLNSCI	0.999936	1	TRUE	1
chrIV	6164425	6171661	ReverseStr	K.ISSAPQR	0.999948	2	FALSE	2
chrIII	9147312	9153812	ReverseStr	K.VFMVDN	1	3	TRUE	3
chrII	2044629	2045590	FrameShift	R.FYHRWS	0.995092	1	TRUE	1
chrV	7136258	7138398	FrameShift	Q.KNTFITF	0.997862	1	TRUE	1
chrV	9918746	9919766	FrameShift	I.THSFKNFS	0.994483	1	TRUE	1
chrII	6110427	6113357	ReverseStr	K.KNIFEAFE	0.999982	2	TRUE	2
chrV	14412390	14415777	NovelExon	R.LHFCVTV	0.99492	1	TRUE	1
chrV	64564	83770	NovelExon	K.NLVREFS	0.998489	1	TRUE	1
chrV	7449334	7451130	FrameShift	K.WLMENC	0.999442	1	TRUE	1
chrII	6684202	6688606	FrameShift	R.FSWNISIK	0.998038	1	TRUE	1
chrIII	7313079	7315187	ReverseStr	R.IADELDK	0.999978	3	TRUE	2
chrIII	6171095	6172750	ReverseStr	K.SHSGFHR	0.999981	2	FALSE	2
chrX	4378005	4383341	FrameShift	_.AIFEQML	0.999758	1	TRUE	1
chrV	16747537	16788393	ReverseStr	K.KNTQNP	0.999989	2	TRUE	2
chrX	5575897	5590780	NovelExon	K.NEGEVIK	0.997194	1	TRUE	1
chrIII	9176083	9177469	NovelGene	T.CQLEIYEM	0.999955	2	FALSE	2
chrI	4943631	4949335	NovelExon	K.NQFFGKK	0.9973	1	TRUE	1
chrX	4524159	4526508	ExonBound	K.MDSTLNE	0.999774	1	TRUE	1
chrIV	12412952	12417557	ReverseStr	K.KMNREG	1	2	TRUE	2
chrV	11124285	11125040	GeneBound	L.KFLNVEE	0.999952	2	FALSE	2

chrIV	5811571	5814129	ReverseStr: K.EGTTKFM	1	3	TRUE	3
chrIII	10520704	10532604	NovelExon R.SQVDDVI	0.996039	1	TRUE	1
chrI	286089	289139	NovelExon K.FGHRLF	0.996275	1	TRUE	1
chrIV	6522863	6524557	GeneBound K.ILMKITK	0.999988	2	FALSE	2
chrI	6369967	6385715	FrameShift R.VFWESGI	0.996922	1	TRUE	1
chrX	14654903	14662772	FrameShift K.KDYSGGT	0.997965	1	TRUE	1
chrX	4273890	4274726	GeneBound K.DFETKPS	0.999928	2	FALSE	2
chrI	14341621	14343793	Translated K.KKEEEVD	1	2	TRUE	2
chrIII	12431538	12433764	NovelExon K.SRYVPTK	0.995306	1	TRUE	1
chrIII	706329	715818	FrameShift K.QKEFLNV	0.995503	1	TRUE	1
chrX	2711207	2748107	NovelExon Q.LKRMGG	0.996025	1	TRUE	1
chrV	16486957	16487553	ReverseStr: L.RTTTGISI	0.999952	2	TRUE	2
chrIII	12273939	12282122	NovelExon K.KIPVNFRI	0.994994	1	TRUE	1
chrIV	9644228	9647856	ReverseStr: R.FQDIIFEI	0.99997	2	TRUE	2
chrIII	13430361	13433337	FrameShift K.ELMRRSP	0.995355	1	TRUE	1
chrIII	8405802	8409331	GeneBound K.IACPLANI	0.999956	2	FALSE	2
chrIII	11326555	11343008	ReverseStr: K.MLIFIGEM	0.999979	2	TRUE	2
chrII	9994084	9995247	GeneBound _ISVSFSLW	0.99998	2	FALSE	2
chrII	9116555	9132148	FrameShift K.LVMTVEC	0.996042	1	TRUE	1
chrIV	15025678	15037004	NovelExon R.KSEEKPV	0.997907	1	TRUE	1
chrX	12318091	12320632	ReverseStr: R.QSRCGSR	0.999995	2	FALSE	2
chrI	5896643	5897408	ExonBound K.EMTTGKS	0.999947	2	TRUE	2
chrI	7815243	7819588	GeneBound K.MEILNQI	0.999956	2	FALSE	2
chrII	13272564	13304159	NovelExon R.RAAIFEN	0.999049	1	TRUE	1
chrV	11279740	11280390	NovelGene K.NVTFSSA	0.999993	2	FALSE	2
chrV	17805460	17808585	NovelExon R.KNGIFQN	0.999925	2	TRUE	2
chrIV	14891432	14900621	GeneBound K.VETNGKC	0.999938	2	FALSE	2
chrII	9971005	9974987	ReverseStr: R.TAITMIGI	1	4	FALSE	2
chrV	12816904	12819528	FrameShift K.KRMKRKI	0.999993	2	TRUE	2
chrIII	12813414	12816697	GeneBound R.SFWPAILI	0.999976	2	FALSE	2
chrI	81201	84959	NovelExon K.NILIGKKY	0.997564	1	TRUE	1
chrIV	3032764	3050100	FrameShift R.RRRRIFN	0.997904	1	TRUE	1
chrIV	7220066	7220715	ExonBound S.AIPMPRG	0.995633	1	TRUE	1
chrX	7727850	7733257	GeneBound R.IHQAHHF	0.999991	2	FALSE	2
chrV	2192496	2196825	FrameShift K.NRMLKW	0.996061	1	TRUE	1
chrI	12582064	12584701	GeneBound _RLMQSAI	0.999946	2	FALSE	2
chrIII	1834504	1846751	FrameShift K.KNFFFLT	0.996435	1	TRUE	1
chrV	11122743	11123851	ReverseStr: R.MSREGLL	0.999952	2	TRUE	2
chrI	2928397	2929681	GeneBound _PNSAAGF	1	3	FALSE	3
chrII	6828076	6830413	ReverseStr: R.LESFAAQ	1	3	TRUE	3
chrX	6087931	6088328	ReverseStr: K.SQVFSTA	0.999997	2	TRUE	2
chrIV	7314361	7317152	GeneBound K.SSWCFKV	0.999989	2	FALSE	2
chrII	9333955	9338838	NovelExon K.IIMDFNIM	0.99879	1	TRUE	1
chrIV	6019693	6034527	NovelExon K.QFENREC	0.996642	1	TRUE	1
chrII	1425739	1437506	ReverseStr: _FFGGKNL	0.999965	2	TRUE	2
chrI	4830136	4835872	FrameShift V.VLIVMEV	0.994707	1	TRUE	1
chrI	6360846	6364062	FrameShift K.VLVDSYFI	0.998473	1	TRUE	1

chrII	12557744	12560200	ReverseStr: R.IFYHDFPS	1	3	FALSE	3
chrX	4107452	4110388	FrameShift R.VIIKCGEV	0.994114	1	TRUE	1
chrV	10123613	10124729	GeneBounc_ .IHSQQFL	1	3	FALSE	3
chrIV	13035931	13038966	ReverseStr: K.IIVCGILKF	1	6	FALSE	4
chrI	11075751	11134660	FrameShift K.RAKFPTP	0.999091	1	TRUE	1
chrI	4434836	4434932	NovelGene K.MILIHKN	0.999951	2	FALSE	2
chrX	301832	308296	NovelExon K.NIDGDAL	0.99688	1	TRUE	1
chrIII	4475887	4476856	FrameShift K.NVLTNFH	0.999964	2	TRUE	2
chrV	3581395	3585042	GeneBounc R.YGEYGAF	0.999987	2	FALSE	2
chrIII	9336794	9344363	GeneBounc K.PCKNAGF	0.999989	2	FALSE	2
chrIII	2770617	2779045	ExonBounc R.GGDGGA	1	2	TRUE	2
chrII	3237474	3238182	FrameShift R.WRFSSKk	0.998615	1	TRUE	1
chrI	9170247	9177490	NovelExon K.VVNLLAP	0.999692	1	TRUE	1
chrIV	3726126	3735491	ReverseStr: K.KSLSENI	0.999954	2	TRUE	2
chrIII	11871155	11878749	ReverseStr: R.VTGFLIPk	0.999999	2	FALSE	2
chrII	9897701	9900198	ReverseStr: _ .KVGVS	0.999979	2	TRUE	2
chrII	5055608	5056182	Translatedl Q.EPVEDGI	0.999999	2	TRUE	2
chrII	7132601	7137175	FrameShift K.TICIVCPQ	0.995228	1	TRUE	1
chrV	11901974	11916604	FrameShift K.DMKPSW	0.999968	2	TRUE	2
chrII	5799723	5801133	FrameShift K.RMDLMK	0.996578	1	TRUE	1
chrII	6587544	6588647	ReverseStr: _ .KDRKKS	1	6	TRUE	4
chrIV	13916425	13919399	NovelGene S.ILQLPEIS/	0.999987	3	FALSE	2
chrV	12133533	12137379	FrameShift R.STTSKIDC	0.997135	1	TRUE	1
chrIV	9658036	9663924	Translatedl K.QYTQFQ\	0.999968	2	TRUE	2
chrII	8457767	8464514	GeneBounc R.YPVTNKP	0.999906	2	FALSE	2
chrII	4590950	4601353	NovelExon K.EWKSYKI	0.996887	1	TRUE	1
chrV	2207179	2210208	NovelExon R.RPTISEFS	0.994001	1	TRUE	1
chrII	11977720	11979795	GeneBounc _ .VLCEKKI	0.999997	2	FALSE	2
chrV	1969540	1974514	FrameShift K.NCPIFRN|	0.996019	1	TRUE	1
chrIV	9980703	9982255	ReverseStr: R.ISVTNTGI	1	3	TRUE	3
chrIV	2198997	2204545	NovelExon K.NPQFLQk	0.997164	1	TRUE	1
chrX	14895076	14898372	FrameShift R.QSISTAGI	0.996426	1	TRUE	1
chrII	1555264	1556318	ReverseStr: R.NTIIHFKS	0.999958	2	FALSE	2
chrIV	9401972	9412850	FrameShift R.SKCHQCF	0.994337	1	TRUE	1
chrI	9138400	9145625	ReverseStr: R.TKNTHRA	1	3	TRUE	3
chrIV	12362438	12370602	GeneBounc R.NMLIWQ	1	3	FALSE	3
chrV	6121270	6202609	ReverseStr: _ .VFGFEKN	0.999997	2	TRUE	2
chrV	18318567	18319748	NovelExon R.HLFMCM	0.99804	1	TRUE	1
chrV	14612423	14613694	ExonBounc K.SRNFKIQI	0.998188	1	TRUE	1
chrIII	5830106	5833701	ReverseStr: P.ECFLIELIE	0.999928	2	TRUE	2
chrII	1112196	1114233	ReverseStr: K.SEHLFLE	1	4	TRUE	4
chrV	1460369	1461614	ExonBounc K.IFQIPSAA	0.994702	1	TRUE	1
chrIV	17104180	17110946	FrameShift S.LYFPLKIN	0.994617	1	TRUE	1
chrIV	1917977	1921640	FrameShift K.KSCLSKCF	0.994477	1	TRUE	1
chrII	5649730	5654404	ExonBounc R.VSVPADf	0.995039	1	TRUE	1
chrIV	8261131	8266441	NovelExon _ .SYLPIAEV	0.994357	1	TRUE	1
chrII	5778248	5779410	NovelGene K.LTHLKNT:	0.999971	2	FALSE	2

chrII	8204290	8207522	FrameShift	R.KMKIMEI	0.995707	1	TRUE	1
chrV	10011847	10023212	NovelSplice	K.ASDAWD	0.999577	1	TRUE	1
chrX	5791668	5797145	NovelExon	K.FSRITSSA	0.997806	1	TRUE	1
chrIII	13107506	13118800	NovelExon	K.KSEKSKKI	0.99654	1	TRUE	1
chrII	8608825	8610059	ReverseStr:	R.TISSDNG'	1	3	TRUE	3
chrI	2219473	2222315	ReverseStr:	R.RRDHLGF	0.999991	2	TRUE	2
chrX	11599006	11600538	NovelGene	K.KEMKAE\	0.999949	2	FALSE	2
chrV	20667203	20678509	FrameShift	K.KNEKXXX	0.994527	1	TRUE	1
chrIV	4807413	4809968	NovelExon	R.HHSFCDII	0.996062	1	TRUE	1
chrII	9267276	9268243	FrameShift	K.KTGGSSG	0.99999	2	TRUE	2
chrV	8269234	8272038	ReverseStr:	_.DEIESAV\	0.999977	2	TRUE	2
chrV	19026434	19031561	NovelExon	R.YISRKIDK	0.994145	1	TRUE	1
chrV	6121270	6202609	FrameShift	R.IRSEKPTC	0.994643	1	TRUE	1
chrI	4934038	4940510	ExonBounc	R.KENLFFCI	0.99917	1	TRUE	1
chrIV	4920347	4932209	ReverseStr:	K.PKFRNFQ	0.999985	2	TRUE	2
chrX	3684211	3689194	FrameShift	_.IFRLINLK\	0.996834	1	TRUE	1
chrI	10846767	10850094	NovelExon	K.LWDNNE	0.9963	1	TRUE	1
chrX	16973154	16976057	ReverseStr:	_.QLEWRS\	0.999967	2	FALSE	2
chrIV	12823797	12825251	NovelExon	K.NYSTPSN	0.99476	1	TRUE	1
chrX	2180891	2185847	NovelExon	P.NRNISVT	0.994768	1	TRUE	1
chrV	13791003	13796223	ReverseStr:	A.GRDGNIF	0.999985	2	TRUE	2
chrX	4960522	4964385	NovelSplice	V.DNGSGM	0.994757	1	TRUE	1
chrX	7823603	7825698	FrameShift	_.TLLEALDS	0.998068	1	TRUE	1
chrII	13504012	13506835	FrameShift	P.PKKSIVPF	0.997589	1	TRUE	1
chrI	6851371	6854135	FrameShift	R.EKHFWRI	0.995334	1	TRUE	1
chrX	7823603	7825709	NovelExon	K.NMITGTS	0.998989	1	TRUE	1
chrIII	11576450	11578846	ReverseStr:	K.FMYSVGI	0.999959	2	FALSE	2
chrX	6463375	6465396	NovelExon	K.HKDYTQC	0.998965	1	TRUE	1
chrIII	11252374	11256506	NovelExon	K.ALQMQE	0.995848	1	TRUE	1
chrIV	6307728	6315708	NovelExon	K.WMFSGP	0.995863	1	TRUE	1
chrV	10125027	10127512	GeneBounc	C.GGFITFFI	1	2	FALSE	2
chrV	9629919	9630987	GeneBounc	K.NWCWW	0.999974	2	FALSE	2
chrII	2631471	2633059	ReverseStr:	R.IISTKNCP	0.999967	2	FALSE	2
chrX	14581585	14584299	FrameShift	K.MTRMFM	0.995869	1	TRUE	1
chrI	4597891	4602667	ReverseStr:	K.GIFCRVEI	0.999953	2	FALSE	2
chrIII	6366528	6367769	FrameShift	R.FFYNLYH'	0.994788	1	TRUE	1
chrIV	8261131	8266441	NovelExon	K.HQLVSAF	1	1	TRUE	1
chrIV	3282882	3289334	GeneBounc	R.MPVFGA	1	3	FALSE	3
chrI	2707601	2717551	GeneBounc	G.TEVFGKS	0.999994	2	FALSE	2
chrI	4716060	4717442	FrameShift	R.TEEEMGI	0.995796	1	TRUE	1
chrIV	8854524	8862474	NovelExon	R.QRLLKQ	0.9977	1	TRUE	1
chrV	5940007	5943346	NovelExon	K.MSQNFV	0.997579	1	TRUE	1
chrI	9135757	9138349	ReverseStr:	R.FPMTVET	0.999962	2	TRUE	2
chrI	2875397	2876326	GeneBounc	I.DRIMRMI	0.999951	2	FALSE	2
chrIII	8684727	8686400	FrameShift	K.YLTKVSSI	0.998664	1	TRUE	1
chrIII	7981104	7986272	FrameShift	R.WWWW'	0.997526	1	TRUE	1
chrI	5741868	5743576	ReverseStr:	R.TFLHRWF	1	3	FALSE	3

chrV	12455709	12462797	ReverseStr: R.ERERERE	0.999975	2	FALSE	2
chrX	12589601	12591707	NovelGene K.IWKMESI	0.999939	2	FALSE	2
chrIV	1067481	1068843	NovelGene _.GGGGGG	1	3	FALSE	3
chrV	6692230	6694706	ReverseStr: _.FQNEIVIII	0.999944	2	TRUE	2
chrX	3112073	3113372	ReverseStr: K.RSQLSML	0.99999	2	FALSE	2
chrX	15648195	15650837	NovelExon K.TTVEAPFI	0.99631	1	TRUE	1
chrI	9163941	9166821	FrameShift _.GHVFEEES	0.999994	2	TRUE	2
chrV	3743563	3749420	NovelExon K.CSKNSQII	0.998268	1	TRUE	1
chrI	5008773	5013374	ReverseStr: K.LNTVCDV	0.999961	2	TRUE	2
chrI	10879759	10894230	FrameShift R.NGRIYGS	0.995803	1	TRUE	1
chrIII	4709213	4712492	GeneBound R.STCYASN	0.999997	3	FALSE	2
chrI	7699539	7700958	GeneBound R.AEEKTTYI	0.999904	2	FALSE	2
chrII	7192409	7194774	ReverseStr: R.IVESGTFK	1	3	TRUE	3
chrV	18790971	18794752	FrameShift R.IFPVSSSV	0.99574	1	TRUE	1
chrIII	12166	14801	ReverseStr: K.IIAGSLEK	0.999952	2	TRUE	2
chrIV	15981543	15983938	ReverseStr: R.DRISVRD	1	3	TRUE	3
chrV	1075201	1079771	ReverseStr: K.WTMVISI	1	3	FALSE	3
chrII	9680739	9682999	ReverseStr: K.VDVCRVK	0.999965	2	TRUE	2
chrIV	17480360	17483294	ReverseStr: K.VIENFGS	1	3	TRUE	3
chrV	19014608	19020033	FrameShift R.FQKNTIPI	0.997257	1	TRUE	1
chrI	5472324	5479441	NovelExon K.ISSAPMV	0.998553	1	TRUE	1
chrV	4647647	4648229	ReverseStr: R.RVRMWF	1	6	TRUE	2
chrV	10183927	10184420	ReverseStr: P.CEDLQNT	0.999992	4	TRUE	2
chrIII	9996122	9997831	GeneBound R.PSLPFALC	0.999942	2	FALSE	2
chrV	11501354	11503109	ReverseStr: R.IPTNLHEI	0.999969	2	TRUE	2
chrI	10567883	10569008	GeneBound K.EGEIVLAC	0.999997	3	FALSE	2
chrII	14484391	14484504	NovelGene K.VFICIMAN	0.999922	2	FALSE	2
chrIII	2834655	2836253	FrameShift R.HFWKLEI	0.996835	1	TRUE	1
chrIV	8226327	8236588	ReverseStr: K.NVHYRHI	0.999994	3	TRUE	2
chrX	8778795	8784388	FrameShift _.EEKRVLT	0.997065	1	TRUE	1
chrIV	8261131	8266449	FrameShift K.YEGAEEKS	0.999996	2	TRUE	2
chrI	12853068	12858262	ReverseStr: V.LEVEVLG	0.999992	2	FALSE	2
chrX	9216817	9232012	NovelExon R.EVIKHFN	0.998239	1	TRUE	1
chrX	211441	211676	GeneBound K.KSDKYSN	0.999984	2	FALSE	2
chrII	5830848	5831993	ExonBound R.NEMNIEM	0.995038	1	TRUE	1
chrI	1663402	1666770	NovelExon R.FMARRG	0.995358	1	TRUE	1
chrIV	4884288	4886889	NovelExon R.DLNPRVC	0.999525	1	TRUE	1
chrV	18069992	18077432	ReverseStr: R.KYEEMSC	0.999913	2	TRUE	2
chrII	3731976	3733206	FrameShift K.MPGRLPC	0.994629	1	TRUE	1
chrII	13414956	13424382	NovelExon R.FFQNSKF	0.997999	1	TRUE	1
chrIV	6503017	6504655	NovelGene R.EEDLENIL	0.999944	2	FALSE	2
chrII	2335938	2337699	ReverseStr: K.KFIITTFEF	0.999963	2	TRUE	2
chrIII	5626444	5632276	NovelExon R.ESLANIEF	0.996723	1	TRUE	1
chrII	9085077	9085405	NovelGene K.KSSRAQV	0.999963	2	FALSE	2
chrIII	6067840	6068776	FrameShift R.FPKSDRFI	0.997882	1	TRUE	1
chrV	14949760	14952775	ExonBound R.QKLENIS	1	1	TRUE	1
chrIV	12468647	12474866	FrameShift R.GIFDCNP	0.998108	1	TRUE	1

chrII	3790753	3791398	GeneBounc	R.FMIAML1	0.999963	2	FALSE	2
chrIII	6749083	6794698	ExonBounc	S.EVPLSVRI	0.999291	1	TRUE	1
chrI	482482	487993	NovelExon	K.YFFEFSRF	0.999766	1	TRUE	1
chrI	14005613	14008459	GeneBounc	R.LTAIDSA/	1	6	FALSE	6
chrIV	58903	67857	NovelGene	R.LSLSLSLSI	1	6	FALSE	6
chrIII	11326555	11343008	ReverseStr:	R.YKLFLVEC	0.999973	2	TRUE	2
chrV	3704982	3712845	GeneBounc	K.KLKSMKN	0.999992	2	FALSE	2
chrV	15080124	15082462	NovelExon	K.NKSEKNM	0.997004	1	TRUE	1
chrV	6221938	6222522	NovelGene	R.VEDVKEN	0.999976	2	FALSE	2
chrI	6838353	6843342	GeneBounc	_.NTFAMA	1	3	FALSE	3
chrIV	6913523	6917079	NovelSplice	K.GTPISDIN	0.99897	1	TRUE	1
chrIII	828583	832270	NovelExon	R.AFFFDYD	0.999382	1	TRUE	1
chrIII	7974540	7977260	GeneBounc	E.DTGDFEC	1	2	FALSE	2
chrI	12091562	12094471	NovelExon	K.CAKNVQI	0.997042	1	TRUE	1
chrIV	7153650	7154186	GeneBounc	R.QLFGFSD	0.999972	2	FALSE	2
chrIII	12367374	12368949	ReverseStr:	L.IKIFFFQ	1	4	TRUE	3
chrIII	5249036	5254152	ReverseStr:	K.FINFSNN	0.999972	2	TRUE	2
chrI	13952149	13953182	FrameShift	_.HVQEVAI	0.99796	3	TRUE	1
chrI	1491342	1514411	NovelExon	K.IEDFLGNI	0.996584	1	TRUE	1
chrI	13011451	13023561	NovelExon	K.NFPENSN	0.997039	1	TRUE	1
chrIV	14165764	14168462	FrameShift	R.YISSSQSS	0.997228	1	TRUE	1
chrIV	11103234	11104082	FrameShift	K.MRKMRP	0.999992	2	TRUE	2
chrI	11912782	11917710	NovelExon	K.IDENSEIT	0.994057	1	TRUE	1
chrIII	5408047	5413138	FrameShift	R.IEVEGTGI	0.996362	1	TRUE	1
chrIII	4693960	4695234	GeneBounc	K.FFKDIMV	0.999968	2	FALSE	2
chrV	3695959	3701755	NovelExon	K.KLKSMKN	0.999159	1	TRUE	1
chrI	3233393	3255567	NovelExon	_.KFPEIFW	0.994857	1	TRUE	1
chrX	1211754	1220024	FrameShift	R.ICIKAQRS	0.99431	1	TRUE	1
chrIV	14078662	14083534	NovelExon	R.FCVKNCE	0.995154	1	TRUE	1
chrIV	3032764	3050100	ReverseStr:	K.NYQSNKS	1	3	FALSE	3
chrV	10572897	10575728	Translated	_.GYYWEW	0.99998	2	TRUE	2
chrIV	2114626	2115625	ReverseStr:	K.INNSGKS	0.999992	2	FALSE	2
chrV	8221468	8223567	FrameShift	Q.GKNHAG	0.994473	1	TRUE	1
chrV	19049429	19050726	ReverseStr:	R.GETHRG	1	7	TRUE	5
chrIV	12605673	12614700	ReverseStr:	K.SLGLFDIP	0.999924	2	TRUE	2
chrIV	8261131	8266441	NovelExon	_.VELPFRLF	1	1	TRUE	1
chrIV	786232	794275	ReverseStr:	L.QMTMAC	0.999984	2	FALSE	2
chrIII	2384937	2386569	ReverseStr:	K.FEKKSFP	0.999924	2	TRUE	2
chrIV	14276440	14285499	FrameShift	R.DQFMW	0.99698	1	TRUE	1
chrX	8907997	8910775	ExonBounc	_.MFQKHK	0.995731	1	TRUE	1
chrI	8384974	8386972	GeneBounc	K.KDQSIRM	0.999961	2	FALSE	2
chrI	2924934	2928140	FrameShift	_.PNSAAGF	0.999493	1	TRUE	1
chrIV	7681414	7696911	FrameShift	K.SSSACLNI	0.995447	1	TRUE	1
chrI	14867913	14871354	NovelExon	K.GLSHFELI	0.995289	1	TRUE	1
chrI	8024875	8026520	ReverseStr:	K.WIGGPCF	0.999981	2	FALSE	2
chrIV	26982	32380	NovelExon	R.SIILSMPK	0.996734	1	TRUE	1
chrX	2382684	2384757	FrameShift	R.ESINSIISP	0.9977	1	TRUE	1

chrIV	14862441	14869969	ReverseStr: K.RIAQVSKI	0.999977	2	TRUE	2
chrIV	1873310	1880591	ReverseStr: R.KFGEKLG	1	3	FALSE	3
chrX	7823603	7825709	NovelExon _ .RKRFGKT	0.998549	1	TRUE	1
chrX	377391	380569	NovelExon R.TTYGNRR	0.99422	1	TRUE	1
chrIV	9803006	9806101	FrameShift R.DECYASK	0.999193	1	TRUE	1
chrI	8666589	8669782	FrameShift K.FGKCLKP	0.996953	1	TRUE	1
chrII	9837030	9838243	FrameShift V.LLSLKYEY	0.999998	2	TRUE	2
chrII	12251672	12256563	ReverseStr: R.NFQRISN	0.999918	2	FALSE	2
chrII	11918276	11933161	NovelExon K.KKCETTS	0.999996	2	TRUE	2
chrV	241327	242617	NovelExon R.ELSLNTFL	0.99722	1	TRUE	1
chrII	258463	261063	GeneBound K.ISGKSANI	1	4	FALSE	3
chrX	9137870	9145538	ExonBound K.MSLSGQI	0.996501	1	TRUE	1
chrIII	7023585	7029139	ReverseStr: R.MKTTTEI	1	4	TRUE	3
chrV	9586160	9590499	ReverseStr: K.NLQSIRLF	1	3	TRUE	3
chrIV	9343341	9355968	FrameShift K.YFRKFLP	0.995807	1	TRUE	1
chrIV	9359424	9366489	ReverseStr: K.CRELPTF	0.999953	2	TRUE	2
chrII	3525153	3528519	ExonBound K.MLKFKNI	0.997297	1	TRUE	1
chrV	8130597	8133311	ExonBound R.MFGGGG	1	1	TRUE	1
chrIII	4843405	4844374	ReverseStr: K.LKKWEN	0.999986	2	TRUE	2
chrIV	3355054	3357548	NovelExon K.KNSNSAV	0.997579	1	TRUE	1
chrI	8377596	8392747	NovelExon _ .FCIKCSPL	0.997113	1	TRUE	1
chrIII	8792766	8794234	FrameShift L.LSKTLIFFF	0.996892	1	TRUE	1
chrX	16963798	16972747	NovelExon K.TAAGGTC	0.996711	1	TRUE	1
chrIV	7314361	7317152	ReverseStr: _ .YQALVKG	0.999985	2	FALSE	2
chrIV	13934420	13943703	FrameShift R.LMSADVI	0.998688	1	TRUE	1
chrIII	5102953	5106954	GeneBound _ .EFQELTEI	1	3	FALSE	3
chrV	15076917	15080125	ReverseStr: R.NHQKNQ	1	3	TRUE	3
chrI	7057199	7059348	FrameShift _ .MFTKSAT	0.994388	1	TRUE	1
chrV	18386224	18389118	ReverseStr: _ .ITFSTNFT	0.999953	2	TRUE	2
chrII	14063375	14065829	GeneBound R.SPWSAQI	1	3	FALSE	3
chrIII	10314502	10318070	NovelExon R.ICKSNIKE	0.995329	1	TRUE	1
chrX	4265859	4270462	FrameShift R.RTHQHHL	0.997663	1	TRUE	1
chrV	186306	200687	NovelExon K.KFRKKTEI	1	1	TRUE	1
chrIV	13218169	13220379	NovelGene R.LKNPGSY	0.999974	2	FALSE	2
chrIII	11117136	11119100	ReverseStr: R.RFQKSQA	1	3	TRUE	3
chrV	5779310	5780905	ExonBound K.VETLDLM	0.997583	1	TRUE	1
chrV	85257	88638	NovelGene K.FGCLLQG	1	3	FALSE	3
chrI	1156582	1157465	FrameShift K.NQPIHVF	1	3	TRUE	3
chrV	12032237	12040854	ReverseStr: _ .YSSVVAYI	1	2	TRUE	2
chrV	12611311	12628720	FrameShift R.RMFPTDI	0.996535	1	TRUE	1
chrIII	688734	715818	NovelExon K.LSKNTNF	0.999157	1	TRUE	1
chrIV	3263848	3265369	FrameShift R.TEFWRLL	0.997938	1	TRUE	1
chrIV	112410	114957	NovelExon R.IDNLQRR	0.994057	1	TRUE	1
chrIII	10505382	10505998	FrameShift R.QSKSTKG	0.999647	1	TRUE	1
chrI	1601842	1606883	ReverseStr: R.FEPPFVPI	0.999972	2	FALSE	2
chrIII	11235478	11236771	ReverseStr: R.HNPIDFLI	0.999988	2	TRUE	2
chrIV	16174396	16174480	NovelGene R.CVRMTEI	0.999974	2	FALSE	2

chrX	16299832	16304050	ReverseStr: R.FDKNHAI	1	4	TRUE	4
chrX	2918795	2923974	ReverseStr: K.FKTMTSY	1	3	FALSE	3
chrIII	12225537	12226141	ReverseStr: R.CNLEKLN	0.999934	2	FALSE	2
chrI	1634742	1644657	ReverseStr: K.KWQKW/	0.999952	2	TRUE	2
chrIII	4012316	4015742	GeneBounc_ .AILSPLGC	1	5	FALSE	5
chrIII	13344836	13346765	FrameShift R.RYALGFS	0.996199	1	TRUE	1
chrIII	2805423	2810994	FrameShift K.DQDRLG\	0.994387	1	TRUE	1
chrI	12537981	12538945	ReverseStr: R.FSKLGGP	0.99997	2	TRUE	2
chrII	8607947	8608893	GeneBounc R.NYVQPNI	1	2	FALSE	2
chrIII	9781166	9781971	FrameShift R.SRICYWY	0.998803	1	TRUE	1
chrIII	5859569	5861860	ExonBounc K.SDGVDVS	0.999812	1	TRUE	1
chrX	4610899	4620396	NovelExon K.QHVLVDI	0.994586	1	TRUE	1
chrV	1448031	1448794	ReverseStr: K.INLFCCLK	0.99998	2	TRUE	2
chrII	14155693	14165954	GeneBounc K.FKIFAIKF	0.999999	5	FALSE	2
chrIII	13580749	13583517	FrameShift R.RRMLERF	0.995225	1	TRUE	1
chrX	3844766	3857778	NovelExon R.RKDAGH	0.995009	1	TRUE	1
chrV	13862791	13864096	ReverseStr: K.SETSKKTS	0.999972	2	FALSE	2
chrX	7733288	7736219	ReverseStr: K.MQTLKGI	1	5	TRUE	5
chrII	7549287	7551929	FrameShift K.KMDQIM	0.997442	1	TRUE	1
chrIII	5993181	6006318	GeneBounc_ .KNTRGEA	0.999969	2	FALSE	2
chrII	6684202	6688606	NovelExon R.LLELAPT	1	1	TRUE	1
chrV	4240938	4242517	ReverseStr: K.NDGVVK	1	2	FALSE	2
chrIV	4862177	4864133	ReverseStr: K.QKMLKVI	0.999994	2	FALSE	2
chrIII	2866466	2866992	NovelGene L.VEKSVFP	0.999939	2	FALSE	2
chrIV	3989096	3991515	FrameShift _ .KAAKHGI	0.995589	1	TRUE	1
chrI	12741595	12748719	ReverseStr: K.NVQKMP	0.999985	2	TRUE	2
chrX	12300066	12301214	ReverseStr: R.FQTPQPL	0.999923	2	FALSE	2
chrIV	11119323	11123133	FrameShift R.SSSMDYL	0.994656	1	TRUE	1
chrI	4790644	4792502	ReverseStr: R.ECIQAFD	1	5	TRUE	3
chrV	9907612	9910485	FrameShift R.WWNWV	0.997486	1	TRUE	1
chrII	13734793	13735213	NovelGene R.TQRMIEF	1	3	FALSE	3
chrIII	3405565	3411202	GeneBounc E.ADRFEKM	1	3	FALSE	3
chrII	4892264	4892723	FrameShift R.MVLLSNS	0.998839	1	TRUE	1
chrIII	2487759	2494163	NovelExon N.FSYLVKI	0.998866	1	TRUE	1
chrIII	6737281	6737692	GeneBounc R.DIDAYKR	0.999965	2	FALSE	2
chrII	5640043	5647024	FrameShift R.KRNAISN	0.998992	1	TRUE	1
chrIII	11612507	11615694	NovelExon K.KSIIVTKI	0.994214	1	TRUE	1
chrX	11324377	11326837	NovelExon R.QLLNQIR	0.994483	1	TRUE	1
chrX	13381810	13381882	NovelGene R.SKITKRSL	0.999992	2	FALSE	2
chrIII	11990067	11999492	ExonBounc R.SEQQSM	1	1	TRUE	1
chrX	13552271	13556095	ReverseStr: K.MAGILW	0.999975	2	FALSE	2
chrX	12503893	12513979	FrameShift I.NRFNISLK	0.99552	1	TRUE	1
chrII	480465	484393	ExonBounc K.KNFQDR	0.999009	1	TRUE	1
chrX	12712582	12727581	NovelExon K.MICNVIG	0.995352	1	TRUE	1
chrIII	8326510	8330878	ReverseStr: T.MFYVNAI	1	4	TRUE	3
chrIII	2650856	2651963	NovelGene K.YPVLSIAL	0.99998	2	FALSE	2
chrIV	14725836	14728254	NovelGene K.NNFELLO	0.999998	2	FALSE	2

chrV	2192496	2196825	GeneBounc	C.VPNCGFK	1	5	FALSE	5
chrV	19614528	19622436	FrameShift	R.HHQRRR	0.995069	1	TRUE	1
chrIII	7495639	7497768	ReverseStr:	_.MPPMRP	0.999993	2	TRUE	2
chrX	16308864	16314881	FrameShift	K.MLLAWK	0.996585	1	TRUE	1
chrV	107402	118162	FrameShift	S.NSSTAPT	0.99435	1	TRUE	1
chrV	17322590	17324502	ReverseStr:	_.ENGTAGE	0.999983	2	TRUE	2
chrIV	6526713	6529791	ReverseStr:	R.SWNTNS	0.999988	2	TRUE	2
chrX	5074365	5078039	ExonBounc	K.NQVCSTF	0.999043	1	TRUE	1
chrX	4557109	4558829	ReverseStr:	_.LTASEQP	0.99997	2	FALSE	2
chrII	6792188	6799222	GeneBounc	R.YYSKYSE	0.999976	2	FALSE	2
chrI	2929786	2931363	GeneBounc	_.PNSAAGF	1	4	FALSE	4
chrX	8578533	8580052	ReverseStr:	K.KYQLNFC	0.99997	2	TRUE	2
chrIII	9632104	9637032	NovelExon	M.FCSKSAI	0.994034	1	TRUE	1
chrV	13491054	13497358	NovelExon	K.SFWKKW	0.996226	1	TRUE	1
chrII	14063375	14065829	FrameShift	L.SHTSAMS	0.995755	1	TRUE	1
chrX	11271489	11275418	NovelExon	R.TVNYEVII	0.999999	2	TRUE	2
chrI	10030162	10046749	ReverseStr:	R.STIWEIPE	1	2	TRUE	2
chrI	3176422	3192845	FrameShift	R.NLGKIAEI	0.996336	1	TRUE	1
chrX	1079420	1080650	ReverseStr:	K.KRNEKIQ	0.999946	2	TRUE	2
chrIII	11886385	11892922	ReverseStr:	R.NVM PGL	0.999987	2	TRUE	2
chrIII	13341426	13342507	GeneBounc	R.INSEGTP	1	5	FALSE	5
chrII	8966859	8969411	ReverseStr:	_.MTFSDA/	0.999945	2	TRUE	2
chrII	6842366	6847865	Translated	I.RSSSLFFL	0.999997	2	TRUE	2
chrIII	5782691	5785089	NovelExon	Q.NPTWAG	0.997554	1	TRUE	1
chrV	15498725	15511403	GeneBounc	_.VIHHCDA	1	3	FALSE	3
chrIII	5260655	5263910	NovelExon	R.KVDKNSV	0.994641	1	TRUE	1
chrII	9991310	10000287	NovelExon	_.ISVSFSLW	0.994721	1	TRUE	1
chrV	7018883	7021785	NovelExon	K.PRLAKVS	0.997559	1	TRUE	1
chrI	14567320	14580967	ReverseStr:	R.KKMKKK/	1	3	FALSE	3
chrI	8095735	8098437	FrameShift	R.NSGIKGII	0.99948	1	TRUE	1
chrII	12203245	12209374	NovelExon	R.LFFQNFK	0.999005	1	TRUE	1
chrI	9317728	9327204	NovelExon	_.WSAWM	0.999695	1	TRUE	1
chrII	9386525	9390841	NovelExon	_.SLKNMKE	0.999347	1	TRUE	1
chrIII	3505630	3510020	ReverseStr:	K.NRK FSSK	1	4	FALSE	3
chrX	4012209	4021438	ReverseStr:	R.SKMKWT	0.999995	2	TRUE	2
chrV	11463276	11466743	GeneBounc	R.KIRDNLS	1	3	FALSE	3
chrIII	2406282	2410965	NovelExon	R.LVNMGA	0.994985	1	TRUE	1
chrII	7574403	7575729	FrameShift	K.IVEEMILR	0.998187	1	TRUE	1
chrIII	5564985	5567344	ExonBounc	F.LQE QGT Y	0.997202	1	TRUE	1
chrI	4773819	4777718	FrameShift	R.ATRDLYE	0.997021	1	TRUE	1
chrV	7751879	7754120	ReverseStr:	K.FIAMGKM	0.999931	2	FALSE	2
chrIV	4248063	4258166	GeneBounc	K.GGFIWW	0.999979	2	FALSE	2
chrX	2509619	2515316	GeneBounc	_.EAALGGP	1	3	FALSE	3
chrIII	11949806	11960084	NovelExon	K.MCKKCAI	0.9943	1	TRUE	1
chrI	8687625	8690925	ReverseStr:	_.TKVRSSF\	0.999977	2	TRUE	2
chrI	5268422	5269466	GeneBounc	_.LHLHTLTF	0.999967	3	FALSE	2
chrIV	9547249	9560411	GeneBounc	K.IITHK KSK	0.999911	2	FALSE	2

chrI	3727030	3731227	GeneBounc	R.IRDVESYI	0.999959	3	FALSE	2
chrX	4961896	4964385	FrameShift	L.LHHHRVL	1	5	TRUE	5
chrX	4912270	4915956	ReverseStr:	R.RRSCCLH	0.999996	2	TRUE	2
chrII	6048082	6049667	FrameShift	K.MQLKKM	0.997528	1	TRUE	1
chrV	4187189	4189992	NovelExon	R.EHVKKEN	0.998835	1	TRUE	1
chrI	10850426	10851226	ReverseStr:	R.LRVLVEF)	0.999982	3	TRUE	2
chrIII	7650487	7655967	FrameShift	K.KNEISTIS'	0.998352	1	TRUE	1
chrIII	851318	852388	GeneBounc	R.NQSAGIR	0.99995	2	FALSE	2
chrV	4801085	4802612	FrameShift	_.QWKVKN	0.998639	1	TRUE	1
chrX	7823603	7825718	FrameShift	_.TLLEALDS	0.999998	2	TRUE	2
chrIII	12538779	12547980	FrameShift	R.RWTTETF	0.996401	1	TRUE	1
chrX	2108976	2111871	ReverseStr:	G.WSNLNM	0.999914	2	TRUE	2
chrI	3733471	3740482	ReverseStr:	K.KFRSCWS	0.999959	3	TRUE	2
chrX	15811790	15814969	FrameShift	K.RLASASA'	0.998564	1	TRUE	1
chrII	319793	321107	ExonBounc	S.DFFPTEQ	1	1	TRUE	1
chrV	3921920	3922949	FrameShift	R.KYAITYST	0.995753	1	TRUE	1
chrII	11681761	11682780	ReverseStr:	K.WKSFNFk	1	3	TRUE	3
chrIII	11982454	11989785	GeneBounc	R.NFCNIPV	1	3	FALSE	3
chrIV	8816335	8818512	FrameShift	_.KVDGEDk	0.994599	1	TRUE	1
chrI	2128593	2145971	ReverseStr:	_.PNKKKRY	0.999926	2	TRUE	2
chrV	15610871	15612572	FrameShift	S.CSLCRSTF	0.997724	1	TRUE	1
chrII	14902417	14907457	NovelExon	_.MRGGGC	0.998008	1	TRUE	1
chrIV	4696827	4704005	ReverseStr:	_.KTVFSKKI	0.99999	2	TRUE	2
chrX	16603313	16609451	ReverseStr:	K.WWKHA/	0.99994	2	TRUE	2
chrIII	3867835	3869527	FrameShift	R.IKAFTKYA	0.997722	1	TRUE	1
chrII	14771887	14772913	NovelExon	K.KSEMKSA	0.998139	1	TRUE	1
chrX	7572063	7581011	NovelExon	R.DLDDTSK	0.999066	1	TRUE	1
chrIII	9614407	9615200	NovelExon	R.KGLFRGC	0.994752	1	TRUE	1
chrV	12181479	12184177	ReverseStr:	R.KMAPVG	0.999917	2	TRUE	2
chrI	13814739	13827969	NovelExon	K.SWKSVOQ	0.996378	1	TRUE	1
chrV	11081034	11082479	FrameShift	_.LLGYGVR	1	8	TRUE	5
chrV	15223951	15225342	ReverseStr:	_.KVEENLK	0.999981	3	FALSE	2
chrV	15346665	15347371	ReverseStr:	K.KFMAGS(	0.99998	2	FALSE	2
chrV	18101560	18106377	NovelExon	R.TKCLSLA'	0.995467	1	TRUE	1
chrIII	5841725	5843127	NovelGene	R.ATAGDGI	1	2	FALSE	2
chrII	10661538	10665031	ReverseStr:	R.YVGDGQ	0.99998	2	FALSE	2
chrX	5349066	5352361	ReverseStr:	K.KDGKSEN	0.999947	2	FALSE	2
chrII	11868472	11869625	FrameShift	K.ESKDQM'	0.998365	1	TRUE	1
chrI	4665745	4671739	FrameShift	K.LILLMME	0.995309	1	TRUE	1
chrIV	3826867	3835889	NovelExon	K.MWKAAL	0.998275	1	TRUE	1
chrIV	13764433	13770583	ReverseStr:	K.FGFLKDM	0.999968	3	TRUE	2
chrI	2686642	2689475	ReverseStr:	K.VEEIWHM	0.999997	2	TRUE	2
chrX	6420999	6430573	ReverseStr:	R.ELQPTPT:	1	3	TRUE	3
chrV	1141771	1146493	ReverseStr:	K.NEKVSLD	1	4	TRUE	4
chrIV	649665	651792	ReverseStr:	K.HNQPHPI	1	3	FALSE	3
chrIV	12887036	12890486	ReverseStr:	K.KYLFLDNI	0.999969	2	TRUE	2
chrIV	12391567	12392098	GeneBounc	R.AMRRCW	0.999975	3	FALSE	2

chrIII	6084622	6087404	ReverseStr:_.FSWKLLD	0.999968	2	TRUE	2
chrI	5141678	5149229	NovelExon K.HFEGGFS	0.994966	1	TRUE	1
chrIII	1419859	1420561	ReverseStr:R.IRRRPIRS	1	19	TRUE	8
chrIII	6173353	6176120	TranslatedI_.RMNKLLL	0.999981	2	TRUE	2
chrIV	15022035	15025485	GeneBouncR.ILSVPRLF	0.999936	2	FALSE	2
chrIII	10347481	10349646	ExonBouncK.FKNFQNI	0.994606	1	TRUE	1
chrIV	3336921	3338864	ReverseStr:_.ATAAASL	1	6	TRUE	2
chrV	6882021	6890939	NovelExon R.STPAAET	1	1	TRUE	1
chrIII	3006842	3028694	ReverseStr:R.VFGAFP	0.999997	2	FALSE	2
chrIII	3864471	3867080	GeneBouncR.IKAFTKYA	1	4	FALSE	3
chrI	8353404	8357822	NovelExon K.DHLSNDL	0.997662	1	TRUE	1
chrV	5114730	5119194	ReverseStr:K.ILGILMM	0.999997	5	TRUE	2
chrII	5298899	5302339	NovelGene R.VQKPFEK	1	4	FALSE	4
chrI	1211495	1254700	GeneBouncK.EFVICLNL	0.999949	2	FALSE	2
chrII	1776316	1778532	GeneBounc_.LLKFEYCR	0.999989	4	FALSE	2
chrV	10566372	10576398	ReverseStr:R.KRNKTNS	0.999998	2	TRUE	2
chrII	6799076	6800101	ReverseStr:R.FADSSHL	0.999986	2	TRUE	2
chrII	8602736	8603530	FrameShift_.GRVLR	0.99607	1	TRUE	1
chrV	16062641	16062868	GeneBouncK.NLMPGIM	0.999994	2	FALSE	2
chrIII	3709312	3713264	FrameShift R.SMRRCV	0.998648	1	TRUE	1
chrV	296599	300009	GeneBouncR.KFGLNGE	1	3	FALSE	3
chrV	17606324	17606896	GeneBouncR.RSKQKCC	0.99999	2	FALSE	2
chrX	7045197	7047571	NovelGene R.KMEQKV	1	3	FALSE	3
chrIV	13107633	13111479	GeneBouncR.KMLHILM	0.999995	2	FALSE	2
chrII	10824236	10841763	ReverseStr:R.WTRSVH	0.999998	2	FALSE	2
chrV	18860259	18894947	ExonBouncK.WNERSKI	0.995301	1	TRUE	1
chrIII	7573283	7575202	FrameShift Q.YEDHVQ	0.997825	1	TRUE	1
chrV	9529985	9531553	FrameShift R.SFLESTLS	0.995222	1	TRUE	1
chrII	14721274	14733449	NovelExon K.TKQKKAII	0.997059	1	TRUE	1
chrII	4353225	4355321	ExonBounc_.FNIFQIIIF	0.998417	1	TRUE	1
chrIV	7779379	7782487	ExonBouncR.MTGSAQ	1	3	TRUE	2
chrIII	4849230	4849814	ReverseStr:K.LIEELAMI	0.999972	3	TRUE	2
chrIII	11008123	11008835	GeneBouncK.EAELKFA	0.999977	2	FALSE	2
chrII	1321048	1323086	NovelExon_.LLKVVEW	0.997925	3	TRUE	1
chrIV	2264966	2275701	NovelExon K.NQNSMF	0.996904	1	TRUE	1
chrX	11667092	11672203	FrameShift K.TLFNSTFS	0.999419	1	TRUE	1
chrI	1050924	1053648	FrameShift R.FVGNFVA	0.995602	1	TRUE	1
chrIV	13788911	13796199	FrameShift R.LQNSSKY	0.996688	1	TRUE	1
chrI	4511441	4516084	ReverseStr:K.KGFANW	0.99993	2	TRUE	2
chrV	12344167	12345900	ReverseStr:K.YQNTKM	0.999968	2	FALSE	2
chrX	13996238	13999282	ExonBouncK.LFQKAQI	0.999288	1	TRUE	1
chrII	11489541	11492957	FrameShift Q.PSGSRSS	0.99628	1	TRUE	1
chrIV	16444668	16446651	GeneBouncR.TTGRPAR	1	3	FALSE	3
chrI	9182991	9210332	ReverseStr:K.FYIRARL	0.999995	2	TRUE	2
chrI	1885207	1894865	NovelExon R.WSSASRE	0.999706	1	TRUE	1
chrIV	14954185	14958889	ReverseStr:K.LDFSSILN	1	3	TRUE	3
chrII	9477806	9479475	NovelExon R.NIEFPKIP	0.997663	1	TRUE	1

chrI	1581716	1582702	NovelGene	K.HIFALPSR	0.999989	2	FALSE	2
chrV	10184701	10185963	GeneBound	_.KGKLMKC	0.999992	4	FALSE	2
chrII	7790508	7791326	ExonBound	F.QADADL	1	1	TRUE	1
chrI	2866510	2869378	ReverseStr	R.KEKHDDK	0.999956	2	FALSE	2
chrIII	4692057	4693264	ReverseStr	K.QCYWRV	0.999968	2	TRUE	2
chrI	2255925	2272868	NovelExon	R.IFTDPGG	0.998811	1	TRUE	1
chrV	5234780	5237153	FrameShift	K.CIFFRNTA	0.995863	1	TRUE	1
chrI	7731145	7737989	ExonBound	R.NWKPKT	0.999753	1	TRUE	1
chrI	1740649	1751057	ExonBound	K.LPLSVPLP	0.995146	1	TRUE	1
chrI	4980308	4983956	NovelExon	K.MAEGKG	0.994287	1	TRUE	1
chrI	12582064	12583429	GeneBound	K.SRGDKKL	1	3	FALSE	3
chrV	6097088	6099029	GeneBound	K.SGTIFDNI	1	13	FALSE	2
chrV	6161547	6202609	FrameShift	_.VVATAHV	0.994604	1	TRUE	1
chrV	7279372	7280512	FrameShift	K.MNTEFLS	0.994342	1	TRUE	1
chrII	3987284	3988189	GeneBound	R.KMFPENI	0.999945	2	FALSE	2
chrI	13246842	13249779	FrameShift	R.CRMLMT	0.996649	1	TRUE	1
chrIV	14553570	14554855	FrameShift	K.IFKIYASN	0.996461	1	TRUE	1
chrV	1858525	1859156	NovelGene	K.MTSAYAH	0.999995	2	FALSE	2
chrX	5862722	5873285	FrameShift	R.QAFNDD'	0.9957	1	TRUE	1
chrIV	14734314	14745518	NovelExon	_.LVFCALAI	0.994703	1	TRUE	1
chrX	8586114	8590313	FrameShift	K.LEASDQK	0.99507	1	TRUE	1
chrIII	6206751	6208265	FrameShift	R.KSFQRNF	0.999999	2	TRUE	2
chrIII	6436556	6439906	ExonBound	T.DTNCILFI	0.999055	1	TRUE	1
chrI	11364313	11374328	ReverseStr	_.MNFIEFFI	0.999951	2	TRUE	2
chrII	8198752	8203954	GeneBound	R.VLTGDLA	0.999995	2	FALSE	2
chrV	6971849	6973131	ExonBound	K.KVKKAPV	0.997341	1	TRUE	1
chrV	17879818	17888958	ReverseStr	R.QFEYSGN	1	4	TRUE	4
chrIII	4903961	4905398	ReverseStr	K.TAYKCLQ	1	5	TRUE	4
chrV	4958590	4963072	ReverseStr	K.ICKINCSIF	1	2	FALSE	2
chrIV	7782586	7783841	GeneBound	_.MTGSAQ	1	3	FALSE	2
chrII	3415008	3416253	NovelExon	_.EVLLDTFS	0.996086	1	TRUE	1
chrIV	8511271	8513463	ReverseStr	K.LQIISVIFC	0.999965	2	TRUE	2
chrV	3316357	3318024	FrameShift	R.YWRNLKI	0.994604	1	TRUE	1
chrI	12143998	12146968	ReverseStr	_.VDQAEM	1	4	FALSE	3
chrIV	16044804	16044995	NovelGene	K.MYIRSFLI	0.999996	2	FALSE	2
chrIV	9832915	9834802	FrameShift	K.SKTVLRCI	0.998221	1	TRUE	1
chrIII	192105	194349	FrameShift	R.DPKKFER	0.999944	2	TRUE	2
chrIV	4660985	4665200	FrameShift	R.STRRRDS	0.998477	1	TRUE	1
chrIV	5975545	6004847	FrameShift	K.IPNIFQFN	0.999993	2	TRUE	2
chrX	17155014	17157883	ReverseStr	R.AYPSDLA	0.999964	2	TRUE	2
chrX	6142619	6150506	ReverseStr	_.NDLRLKG	0.99993	2	TRUE	2
chrI	8196054	8208734	NovelExon	K.FECTTGG	0.994457	1	TRUE	1
chrV	16302728	16306136	ReverseStr	A.LVHNEN\	0.999958	2	TRUE	2
chrII	2287291	2290082	Translated	R.NHPPLYR	0.999933	2	TRUE	2
chrIII	12251391	12273598	NovelExon	K.KMAKISE	0.998353	1	TRUE	1
chrII	11343659	11345556	GeneBound	K.RMYHRKI	0.99999	3	FALSE	2
chrIII	10781782	10791077	ReverseStr	K.AYFNISKI	0.999955	2	TRUE	2

chrI	7021981	7029075	NovelExon	K.YVYG TAR	0.994926	1	TRUE	1
chrIV	17383399	17386746	GeneBound	R.SEELV LKL	0.999971	2	FALSE	2
chrII	13321943	13330755	NovelExon	K.RKSC KKD	0.998309	1	TRUE	1
chrIV	3956999	3960133	NovelExon	_.CLDMFSF	0.998092	1	TRUE	1
chrIV	14379925	14383654	NovelExon	K.MKLK KKF	0.997168	1	TRUE	1
chrX	806994	810781	FrameShift	R.FMHANS	0.995482	1	TRUE	1
chrIV	6326515	6329461	GeneBound	K.TKLIINL	0.999999	4	FALSE	2
chrII	9190312	9194235	ReverseStr	R.LRRHCCF	0.999934	2	TRUE	2
chrI	14287860	14295886	ReverseStr	K.INLNSHSF	0.999995	2	TRUE	2
chrX	11804168	11805221	ReverseStr	K.LLVPNFD	0.999998	2	FALSE	2
chrV	12371711	12372851	NovelExon	K.SNISQATI	0.994927	1	TRUE	1
chrV	7522013	7522345	ReverseStr	K.LLSFTHTM	0.999959	2	FALSE	2
chrII	5945381	5956660	ReverseStr	R.KPMEKVI	1	3	TRUE	3
chrI	2878580	2880938	NovelExon	K.KTGICVEI	0.995486	1	TRUE	1
chrIII	13623213	13624071	GeneBound	_.ENTKLSSF	0.999979	2	FALSE	2
chrX	256210	260110	ReverseStr	R.KKFWAA'	0.999999	2	TRUE	2
chrX	2940862	2945479	FrameShift	R.QKSSTLS\	0.995796	1	TRUE	1
chrIV	1963634	1964717	ReverseStr	_.KTRSIENF	0.999976	2	TRUE	2
chrIV	7156888	7160097	NovelExon	K.VTKMIVY	0.995463	1	TRUE	1
chrII	3502971	3504912	FrameShift	K.SQISQATI	0.998892	1	TRUE	1
chrX	9233583	9234557	FrameShift	K.SRRRRRTS	0.995209	1	TRUE	1
chrI	4906824	4911832	GeneBound	R.RVYGGGI	0.999983	2	FALSE	2
chrIII	11775016	11776578	ReverseStr	K.RSLFLCISI	0.999997	2	TRUE	2
chrIII	6969971	6971948	ReverseStr	N.GVRYIFV	1	286	TRUE	62
chrII	4379886	4383290	NovelExon	R.ERGNIFS	0.996905	1	TRUE	1
chrII	10061486	10074384	ReverseStr	K.NGGRDSI	1	6	TRUE	6
chrIII	12386796	12387620	FrameShift	R.RKEDMD	0.994672	1	TRUE	1
chrI	10570068	10571908	GeneBound	K.MPLVGI	1	4	FALSE	2
chrII	15019147	15025692	ReverseStr	_.EFKNSSIK	0.999939	2	FALSE	2
chrI	2621957	2623272	ReverseStr	K.RSLAMD	0.999965	2	FALSE	2
chrIII	4802972	4804715	GeneBound	R.RNDRKVI	0.99999	2	FALSE	2
chrIV	2688959	2703975	FrameShift	R.NGFSGSII	0.997323	1	TRUE	1
chrII	11234988	11236386	GeneBound	K.KTPNFAP	0.999959	2	FALSE	2
chrIV	2198997	2204545	ReverseStr	K.SPIPGATC	0.999956	2	TRUE	2
chrX	4728883	4728922	NovelGene	R.KNACMLI	0.999986	2	FALSE	2
chrV	4517668	4549277	NovelExon	K.FFFGFFDI	1	1	TRUE	1
chrV	9693037	9694783	FrameShift	R.SSNCDCS	0.996485	1	TRUE	1
chrIV	9796669	9797336	ReverseStr	R.WTTGALI	1	4	FALSE	4
chrIII	1419194	1419642	GeneBound	_.NLDVGEC	1	8	FALSE	3
chrII	933044	936933	ExonBound	K.KMILNSA	0.996493	1	TRUE	1
chrIII	11485374	11487247	ReverseStr	R.LLMSRFS	0.999954	2	TRUE	2
chrII	10993448	11012173	ReverseStr	K.QKMGQC	0.999945	2	TRUE	2
chrIII	12771777	12779625	NovelExon	K.TCAIDKR	0.997298	1	TRUE	1
chrV	5695073	5696277	NovelGene	R.YSRGLSCI	0.999984	2	FALSE	2
chrV	5593693	5594486	GeneBound	K.FVHYNAM	0.999997	2	FALSE	2
chrII	9991310	10000287	NovelExon	K.VDKNCGI	0.996292	1	TRUE	1
chrIII	10629979	10633402	FrameShift	R.ITDSGHQ	0.994526	1	TRUE	1

chrV	17924890	17934201	FrameShift	K.LSCSRSTI	0.995402	1	TRUE	1
chrX	1022275	1022377	NovelGene	R.KDGDDG	0.999974	2	FALSE	2
chrIII	3832581	3834570	GeneBounc	K.VTTSWVI	1	4	FALSE	3
chrII	4753439	4755596	FrameShift	R.SPILLWIH	0.994053	1	TRUE	1
chrII	7754515	7755104	ReverseStr	._TDETKDC	0.999988	4	TRUE	2
chrV	1460369	1461614	FrameShift	K.RKPKAPG	0.998616	1	TRUE	1
chrX	15918067	15920353	GeneBounc	K.ARTAVRII	1	3	FALSE	3
chrII	11044077	11045910	ReverseStr	R.ARMQRKQ	1	4	FALSE	4
chrX	9391586	9394643	ExonBounc	R.TTADYTV	0.997581	1	TRUE	1
chrII	10581074	10582460	FrameShift	K.EIMNGRk	0.996724	1	TRUE	1
chrII	14525237	14525958	ReverseStr	K.KVSNFKN	0.99998	2	TRUE	2
chrIII	11929548	11933541	NovelExon	R.NECLKLQ	0.998832	1	TRUE	1
chrIII	8258274	8265725	NovelExon	K.NGGCKLL	0.996721	1	TRUE	1
chrI	11156737	11158832	GeneBounc	R.MSHFGLI	0.99999	2	FALSE	2
chrV	13469050	13473570	NovelExon	K.KLDKNFY	0.996684	1	TRUE	1
chrIV	11329469	11332922	ReverseStr	L.EKDMLQI	1	5	TRUE	3
chrI	13943338	13951616	ReverseStr	._ARTKRAS	1	11	FALSE	7
chrV	16023331	16024175	GeneBounc	._FIFSVVVF	0.999971	2	FALSE	2
chrII	8467123	8467965	ReverseStr	K.GCSSNLE	0.999988	2	FALSE	2
chrIII	6483165	6488822	FrameShift	R.LQRSQVK	0.994452	1	TRUE	1
chrV	2148656	2150975	ReverseStr	R.EFAIFNAI	0.999934	2	TRUE	2
chrIV	3698508	3699718	NovelExon	._MTVSSKI	0.999787	1	TRUE	1
chrII	5466457	5473788	FrameShift	R.GGCAGA	0.999517	1	TRUE	1
chrI	4714321	4715486	GeneBounc	R.TEEEMGI	0.999969	2	FALSE	2
chrIV	7537965	7541885	NovelExon	K.KEIKIFHSI	0.994966	1	TRUE	1
chrV	9036368	9040267	ExonBounc	K.EEQLMNI	0.995417	1	TRUE	1
chrIII	11933902	11946917	ReverseStr	K.ILFFLLKF	0.999993	2	TRUE	2
chrX	6716319	6718425	ReverseStr	._GFQAN	0.999964	2	TRUE	2
chrX	5061023	5062174	GeneBounc	R.VLQMAK	0.999982	2	FALSE	2
chrI	11917733	11923906	NovelExon	K.SNFSLKKI	0.998485	1	TRUE	1
chrX	1563839	1565283	NovelGene	R.RDMTPEI	1	3	FALSE	3
chrIV	10281615	10284222	ReverseStr	R.IENFNITL	0.999994	2	TRUE	2
chrX	15918067	15920353	FrameShift	._RMENWC	0.997889	1	TRUE	1
chrII	6792188	6799222	FrameShift	K.TVPKIYHI	0.997839	1	TRUE	1
chrI	13184901	13188286	FrameShift	._YFCIGRIG	0.99468	1	TRUE	1
chrIV	9725232	9728549	FrameShift	._RAECTSYI	0.998547	1	TRUE	1
chrX	563721	572702	FrameShift	K.NQGVYSI	0.998617	1	TRUE	1
chrX	2621266	2664365	NovelExon	K.TGFGING	0.99427	1	TRUE	1
chrII	4433464	4435365	FrameShift	._KTWSDTI	0.994234	1	TRUE	1
chrIV	8184681	8188865	GeneBounc	K.QKLFMW	0.999963	3	FALSE	2
chrIV	572723	583601	NovelExon	R.RSDREEK	0.996375	1	TRUE	1
chrV	12213308	12225901	NovelExon	K.QVLEKFN	0.999766	1	TRUE	1
chrII	14172762	14175099	ReverseStr	K.KEISSLLM	0.999979	2	TRUE	2
chrIII	11751157	11773583	NovelExon	K.NCHFSQk	0.996474	1	TRUE	1
chrIV	386699	387893	FrameShift	._LFQLFRGI	0.996721	1	TRUE	1
chrII	3228888	3230525	FrameShift	R.WTNLLH!	0.997914	1	TRUE	1
chrX	10656535	10659514	GeneBounc	K.NKMTCRI	0.999925	2	FALSE	2

chrIII	765191	771386	ExonBound	K.FQVISSEV	0.998254	1	TRUE	1
chrIV	17094045	17095275	FrameShift	K.IKPNVTRI	0.997431	1	TRUE	1
chrV	10883759	10886083	FrameShift	K.LVEDNNL	0.998633	1	TRUE	1
chrX	180080	181874	ReverseStr	K.IGGGGGC	0.999936	2	FALSE	2
chrIV	12132841	12135073	ReverseStr	K.VLLTGEEI	0.999989	2	TRUE	2
chrIV	14621987	14623936	NovelExon	R.IGGAGAF	0.99611	1	TRUE	1
chrIV	8261131	8266441	NovelExon	_.WCLKLERR	0.996982	1	TRUE	1
chrIV	13786919	13788698	FrameShift	K.KMGRLM	0.998056	1	TRUE	1
chrV	13404018	13406001	ReverseStr	R.LVSIFWG	1	3	FALSE	3
chrX	10846568	10848544	NovelGene	K.KCMFNIK	0.999945	2	FALSE	2
chrIII	9145248	9145899	GeneBound	R.QCLLMEC	0.999988	2	FALSE	2
chrIII	8439394	8443535	GeneBound	F.QVFENVV	0.999999	2	FALSE	2
chrIV	388084	388733	GeneBound	F.ENVVEVII	1	5	FALSE	2
chrIV	4859247	4861486	NovelExon	K.ACLNVTY	0.999078	1	TRUE	1
chrIII	5226783	5227650	GeneBound	R.LLNYATSI	0.999999	2	FALSE	2
chrIII	12152798	12159556	NovelExon	R.FLKRDFSI	0.996843	1	TRUE	1
chrI	7522112	7526198	FrameShift	R.IAQFNET	0.998742	1	TRUE	1
chrI	10572018	10577127	FrameShift	R.VIRMNRF	0.998065	1	TRUE	1
chrI	5018981	5020166	ExonBound	F.QGNGYIS	0.995821	1	TRUE	1
chrX	2909546	2918027	FrameShift	R.EATETIR.	0.995443	1	TRUE	1
chrIII	2331566	2342004	GeneBound	K.NFAFFSN	0.999985	3	FALSE	2
chrIII	8083630	8085449	ReverseStr	R.DIRQIKW	0.999996	2	TRUE	2
chrV	20356771	20365687	ReverseStr	R.QIAQRGE	0.999987	2	TRUE	2
chrIII	9331431	9332200	ReverseStr	R.IEMFSLKI	0.999985	2	FALSE	2
chrI	1305577	1328230	NovelExon	K.VPSGAPP	0.998228	1	TRUE	1
chrIV	3032764	3050100	ReverseStr	R.GVRRCRF	0.999975	2	TRUE	2
chrIV	17096361	17100211	NovelExon	_.KSSKNRA	0.999345	1	TRUE	1
chrX	421708	422777	FrameShift	_.ICWTTRT	0.994853	1	TRUE	1
chrI	2924934	2928140	NovelExon	K.FRVQYQC	1	1	TRUE	1
chrIII	9946984	9947844	GeneBound	R.KKMLNVI	0.999932	2	FALSE	2
chrII	2978419	2986018	NovelExon	_.SNYSTRM	0.994227	1	TRUE	1
chrI	9949083	9953341	ExonBound	R.HFGYGLA	0.995455	1	TRUE	1
chrX	10156799	10160379	ReverseStr	R.RSSSQCC	0.999997	2	TRUE	2
chrI	9501260	9505156	NovelExon	K.NGFFCVK	0.997984	1	TRUE	1
chrV	4890415	4891408	ExonBound	M.PSMEEV	1	1	TRUE	1
chrIV	11814224	11819438	ReverseStr	K.KNRSKNF	0.999941	2	TRUE	2
chrII	10785393	10787206	FrameShift	K.DVARVNI	0.999538	1	TRUE	1
chrIII	13752368	13755760	GeneBound	R.GTAPSDF	1	4	FALSE	3
chrIV	10735422	10737161	FrameShift	R.EFLREAEI	0.997877	1	TRUE	1
chrX	194448	197901	ExonBound	K.MLQKIQF	0.999134	1	TRUE	1
chrI	4685869	4698576	FrameShift	Y.LSTTMVT	0.997286	1	TRUE	1
chrI	13861456	13887641	NovelExon	_.RSEFSSNI	0.998126	1	TRUE	1
chrIII	12992424	12993603	ReverseStr	R.LIYHSSDF	1	3	FALSE	3
chrIII	1870244	1877106	ReverseStr	W.LGVAPP	0.999975	2	TRUE	2
chrIV	10695360	10697053	FrameShift	R.AVEAGSR	0.996604	1	TRUE	1
chrX	7050584	7055330	FrameShift	K.LANGENF	0.997475	1	TRUE	1
chrX	14313651	14326730	ExonBound	A.NDLSSAN	0.995021	1	TRUE	1

chrII	13547179	13553354	GeneBounc	K.LINLRFSK	0.999946	2	FALSE	2
chrIII	4153575	4154619	GeneBounc	R.TKLRKFG	0.999935	2	FALSE	2
chrV	12523628	12525637	ReverseStr	K.IGQELCS	1	3	TRUE	3
chrIII	10507017	10517959	ReverseStr	R.NVIEAVE	1	2	TRUE	2
chrX	7776979	7782387	NovelExon	K.RKHAQQ	0.996552	1	TRUE	1
chrIII	13018834	13020130	FrameShift	R.TQNATAF	0.99679	1	TRUE	1
chrIII	4867026	4867433	GeneBounc	R.IGLHESPC	0.999965	2	FALSE	2
chrII	2812687	2815549	GeneBounc	K.KNCSIKW	0.999996	2	FALSE	2
chrIII	1214944	1215279	FrameShift	R.RWMRRI	0.999929	2	TRUE	2
chrIII	8659793	8667394	ReverseStr	R.EMRASGI	0.999991	2	TRUE	2
chrV	17023449	17025505	GeneBounc	P.MLLMKSI	0.999973	2	FALSE	2
chrIII	10320965	10325561	ExonBounc	R.TYYNVRF	0.99725	1	TRUE	1
chrIV	11783918	11792570	NovelExon	K.GSRKMN	1	1	TRUE	1
chrV	1081622	1084204	ReverseStr	K.YRWTTVC	0.999952	2	TRUE	2
chrI	11953502	11961977	ReverseStr	R.ETRCAGM	1	3	TRUE	3
chrII	4392951	4404856	FrameShift	_.SKKNVKN	0.997176	1	TRUE	1
chrII	10098719	10099808	ReverseStr	R.CSLVFFI	1	4	TRUE	3
chrII	9113157	9132148	ReverseStr	K.YVKFLDE	0.999968	2	TRUE	2
chrIII	367325	377557	FrameShift	R.MTPLIGM	0.995093	1	TRUE	1
chrX	9531572	9535161	NovelExon	R.FKFLPKCF	0.995622	1	TRUE	1
chrIII	9002042	9002559	ReverseStr	L.MLAKINE	1	3	FALSE	3
chrX	15385971	15387037	NovelGene	K.SLSRCAEF	0.999972	2	FALSE	2
chrX	14773469	14783495	ReverseStr	_.FHVAKCT	0.999953	2	TRUE	2
chrIV	16773797	16785024	FrameShift	T.YNEPKPP	0.997213	1	TRUE	1
chrV	12292195	12293783	ReverseStr	K.VLCSKVG	0.999996	3	FALSE	2
chrIII	9747387	9748767	GeneBounc	R.LCESGAA	1	2	FALSE	2
chrII	10100251	10103000	GeneBounc	K.FFLKSVSF	0.999995	2	FALSE	2
chrI	9829750	9830569	FrameShift	R.QEDKNGI	0.996176	1	TRUE	1
chrIII	3950832	3951084	NovelGene	K.LDYANNY	0.999932	2	FALSE	2
chrX	7823601	7825047	NovelSplice	Q.EMGKGS	0.999998	2	TRUE	2
chrI	2128593	2145971	NovelExon	K.FFVAQKV	0.998192	1	TRUE	1
chrV	9978767	9980745	ReverseStr	K.NHDGCH	0.999977	2	TRUE	2
chrV	5480734	5482399	FrameShift	R.FGSDLPM	0.998735	1	TRUE	1
chrX	11982723	11983831	ExonBounc	R.FHNDFQI	0.998016	1	TRUE	1
chrV	6376142	6382398	NovelGene	R.RIKKYEAC	1	4	FALSE	4
chrII	13036275	13036813	GeneBounc	K.QLESKIFG	0.999991	2	FALSE	2
chrIV	10679569	10680455	FrameShift	R.WMASM	0.995165	1	TRUE	1
chrI	13814739	13827969	NovelExon	R.EIWSFCA	0.994597	1	TRUE	1
chrV	14449697	14452959	FrameShift	R.WLKMQL	0.995895	1	TRUE	1
chrII	10579896	10580985	GeneBounc	K.EIMNGRk	1	3	FALSE	3
chrV	9634837	9645478	NovelExon	K.IIQYSEVR	0.998689	1	TRUE	1
chrIII	7972317	7973321	ReverseStr	R.RNDAKSC	1	2	TRUE	2
chrII	2091748	2093858	ReverseStr	_.KFGPKKF	0.999963	2	FALSE	2
chrIII	4879709	4881461	FrameShift	R.ISMTTSG	0.994686	1	TRUE	1
chrX	17492599	17494378	NovelGene	V.RAGESSV	0.999998	2	FALSE	2
chrII	1339693	1350143	ReverseStr	K.MLGYCSF	0.999942	2	TRUE	2
chrIV	6744566	6748413	GeneBounc	K.KSIFCTLY	0.999965	2	FALSE	2

chrII	1311221	1320445	FrameShift	_.FVPGIPLF	0.996774	1	TRUE	1
chrIV	4015609	4028123	ReverseStr:	K.TPTGCER	0.999994	3	TRUE	2
chrIII	12431538	12433764	NovelExon	K.NQKNIFL	0.994896	1	TRUE	1
chrI	8779731	8785409	NovelExon	_.KQNIMM	0.997924	1	TRUE	1
chrI	11216110	11221967	ReverseStr:	R.VQNLCF	0.99994	2	TRUE	2
chrIII	2781048	2782762	ReverseStr:	R.EILHFSM	1	3	FALSE	3
chrX	6451326	6451822	ReverseStr:	K.ILMICFEK	1	3	TRUE	3
chrII	9116555	9132148	NovelExon	R.ILNIEMN	0.995651	1	TRUE	1
chrI	550711	556641	GeneBound	K.SRPQPNT	0.999947	2	FALSE	2
chrIII	9081751	9082437	GeneBound	K.FAMWPT	1	6	FALSE	4
chrI	11917733	11923906	ReverseStr:	N.FRLLVIFS	0.999946	2	TRUE	2
chrII	13279703	13285747	ReverseStr:	K.MSKGGG	1	3	FALSE	3
chrI	13734658	13751112	NovelExon	K.MELFYPE	0.994887	1	TRUE	1
chrI	5850041	5851831	ReverseStr:	R.FLQMSPF	0.999971	2	TRUE	2
chrX	9428372	9430264	ReverseStr:	K.FACECCQ	0.999996	2	TRUE	2
chrII	2812687	2815549	GeneBound	R.DAEKIGE	0.999974	2	FALSE	2
chrII	6720391	6729285	Translated	K.MPMGV	0.999993	2	TRUE	2
chrIII	10104749	10106398	ReverseStr:	R.QIFVGNT	1	3	FALSE	3
chrIV	2688959	2703975	ReverseStr:	R.KNQQKLI	0.999974	2	TRUE	2
chrIV	11430255	11447043	ReverseStr:	R.SRRIFLEM	0.999986	2	TRUE	2
chrX	6935689	6938995	FrameShift	R.SAGQRIC	0.996598	1	TRUE	1
chrII	1088187	1088229	NovelGene	K.FLPAAGV	0.999992	2	FALSE	2
chrIV	6231033	6232409	FrameShift	R.YVSRRC	0.994717	1	TRUE	1
chrIV	205239	208004	NovelExon	R.KNAELEIS	0.995228	1	TRUE	1
chrIV	5520784	5523374	NovelGene	K.VNSSVSS	0.999992	2	FALSE	2
chrIII	12626474	12651656	NovelExon	R.QTGTLPE	0.995357	1	TRUE	1
chrV	16271549	16272547	FrameShift	R.RKKRKR	1	1	TRUE	1
chrX	8697765	8702770	FrameShift	R.AWSVIGM	0.995001	1	TRUE	1
chrV	2896635	2898415	FrameShift	R.WICNSLN	0.999211	1	TRUE	1
chrII	8603807	8606693	GeneBound	R.NYVQPNI	1	3	FALSE	3
chrII	10385273	10388073	ReverseStr:	R.NEQLNK	1	3	TRUE	3
chrV	359767	363669	NovelExon	R.NQEFRR	1	1	TRUE	1
chrV	10248882	10252870	ReverseStr:	K.ENIKKKK	0.999948	2	FALSE	2
chrIV	8006036	8008772	NovelGene	K.WMKYPL	1	2	FALSE	2
chrIV	9401972	9412850	FrameShift	K.MILTTFR	0.999735	2	TRUE	1
chrX	15369929	15377616	NovelExon	R.EMSYHSI	0.999847	1	TRUE	1
chrI	1818515	1822933	ReverseStr:	R.NQISITST	0.999968	2	FALSE	2
chrX	12705553	12808179	ReverseStr:	K.NSEKSPC	0.999948	2	TRUE	2
chrV	20387684	20393371	FrameShift	_.EPPTSRI	0.995114	1	TRUE	1
chrV	12910097	12917205	FrameShift	_.ELVEELCS	0.995816	1	TRUE	1
chrIV	8266738	8268421	ReverseStr:	_.YCSVVFG	1	40	TRUE	25
chrI	7038899	7048833	ExonBound	R.RMSGGK	0.997795	1	TRUE	1
chrIV	13543375	13548208	ReverseStr:	R.TLMHQA	0.999944	2	TRUE	2
chrIV	9859214	9862098	ExonBound	R.ASAEMF	0.999627	1	TRUE	1
chrX	6456650	6461833	ExonBound	S.CYPMAFC	0.995459	1	TRUE	1
chrIII	11675562	11693677	NovelExon	K.ILLAVVPS	0.99678	1	TRUE	1
chrI	14760637	14768969	NovelExon	R.FAGTIVCI	0.994963	1	TRUE	1

chrV	19313246	19316483	NovelExon	R.RCAGSAC	0.994402	1	TRUE	1
chrII	12209174	12221724	NovelExon	R.KIDFFMIF	0.998832	1	TRUE	1
chrX	1132996	1148340	ReverseStr	R.LVVYGAN	1	2	TRUE	2
chrII	10805335	10809933	ReverseStr	K.ENESKSSI	1	3	FALSE	3
chrX	6267013	6270997	FrameShift	R.ARIAAQL	0.999181	1	TRUE	1
chrX	6142619	6150506	FrameShift	_KFEVNFE	0.998239	1	TRUE	1
chrV	18716047	18719916	ReverseStr	K.CLKCGISF	1	3	TRUE	3
chrX	10527940	10529189	ReverseStr	F.NKVFQGC	1	4	FALSE	3
chrIV	1310598	1313482	ReverseStr	K.WQKIDEI	1	4	TRUE	4
chrX	7823603	7825047	FrameShift	_TLLEALDS	0.999984	2	TRUE	2
chrIV	6335220	6336036	ReverseStr	R.QLADNM	0.999971	3	FALSE	2
chrIII	3155260	3158385	FrameShift	_LIVYFMSI	0.994208	1	TRUE	1
chrII	11410050	11411911	FrameShift	K.QFFSGRA	0.999278	1	TRUE	1
chrII	13278105	13304159	Translated	_QIPQSVG	0.99999	2	TRUE	2
chrIV	7635649	7641847	FrameShift	K.ISTQTHIG	0.99657	1	TRUE	1
chrV	11462995	11466743	GeneBound	R.KIRDNLS	0.999933	2	FALSE	2
chrII	1321044	1323094	Translated	_LLKVVEW	1	5	TRUE	3
chrIV	359239	376069	ReverseStr	R.QLRILRSE	0.999939	2	TRUE	2
chrV	11081034	11082479	FrameShift	_RDEAQS	0.999957	2	TRUE	2
chrIII	889944	895623	GeneBound	K.SKMLVIA	0.999928	2	FALSE	2
chrIII	2583975	2597013	NovelExon	_PYHCRLP	0.99684	1	TRUE	1
chrIII	10562927	10565504	NovelExon	K.NACFLSN	0.99442	1	TRUE	1
chrI	12657752	12659370	NovelExon	R.LFWIIRSA	0.995569	1	TRUE	1
chrIII	2151958	2197899	FrameShift	R.SLHTLFST	0.998139	1	TRUE	1
chrIV	8620670	8626131	ExonBound	N.KMIFSMI	0.997105	1	TRUE	1
chrIV	1490658	1496019	ReverseStr	L.QTKFDDA	1	2	TRUE	2
chrIV	1959854	1963238	ExonBound	R.NGSNLEP	0.995651	1	TRUE	1
chrII	4949896	4953482	FrameShift	A.FNECLAS	0.994648	1	TRUE	1
chrI	15036362	15040476	GeneBound	R.RTLYLRRF	1	4	FALSE	3
chrIII	13624173	13625840	ExonBound	_ENTKLSSF	0.997022	1	TRUE	1
chrV	11149689	11151301	FrameShift	K.NVERGA	0.997843	1	TRUE	1
chrI	398894	412513	FrameShift	_QILEVFLM	0.997914	1	TRUE	1
chrIV	7081503	7082257	ReverseStr	K.FSVTTQC	0.999938	2	TRUE	2
chrIV	2396242	2399419	NovelExon	K.TSGELSHI	0.997534	1	TRUE	1
chrX	16883600	16884468	GeneBound	R.LGWIGM	0.999993	2	FALSE	2
chrIV	9401972	9412850	NovelExon	K.VLKNTPM	0.994497	1	TRUE	1
chrV	6239349	6252436	GeneBound	R.FDSLVL	1	5	FALSE	5
chrIV	3808075	3819318	NovelExon	K.TTVTLQM	0.996283	1	TRUE	1
chrII	8567982	8569037	ReverseStr	R.ESNVLPT	1	5	FALSE	5
chrV	13200968	13202175	ReverseStr	R.LSLPQGC	1	3	TRUE	3
chrV	18616571	18620213	FrameShift	R.SESRPESL	0.995493	1	TRUE	1
chrX	8917383	8919377	NovelExon	R.GNATSTK	0.995943	1	TRUE	1
chrIV	5297919	5298375	GeneBound	K.IIEYIFTISF	0.999936	2	FALSE	2
chrV	19026434	19031561	ReverseStr	R.MVEVNLI	1	5	TRUE	4
chrV	6235157	6237654	NovelExon	K.KTLVPTSF	0.996275	1	TRUE	1
chrV	8215545	8217683	NovelExon	K.PNWKKS	0.995705	1	TRUE	1
chrIV	7967446	7969539	FrameShift	K.KQESNKC	0.998488	1	TRUE	1

chrX	11726203	11727830	ReverseStr: R.IQNWLLV	0.999961	2	TRUE	2
chrV	13433040	13437533	NovelExon _ .NFIFCQLS	0.999303	1	TRUE	1
chrII	11863430	11865394	FrameShift K.YFKINILEI	0.994968	1	TRUE	1
chrIV	13476913	13502828	ReverseStr: K.SPSKRDA	0.999951	2	TRUE	2
chrIV	3687806	3694738	NovelExon K.NENFEPN	0.997392	1	TRUE	1
chrX	6577424	6579561	NovelGene W.TCKDVQ	0.999975	2	FALSE	2
chrV	4236404	4238088	NovelExon R.MILEDLG	0.998676	1	TRUE	1
chrX	14020717	14022340	FrameShift _ .QLLALHW	0.99968	1	TRUE	1
chrI	6460435	6464265	GeneBounc R.KHKEIIIV	0.999999	2	FALSE	2
chrII	5171900	5177430	ReverseStr: K.YVYFFNK	1	3	TRUE	3
chrV	11415324	11420274	ReverseStr: R.SSINAALF	0.999985	2	TRUE	2
chrV	1895796	1906518	NovelExon R.QFADLPS	0.99415	1	TRUE	1
chrIV	14619493	14623936	GeneBounc K.HFEIYTES	0.999959	2	FALSE	2
chrIII	1905958	1939562	NovelExon K.SFADVDC	0.999035	1	TRUE	1
chrV	4517668	4549277	NovelExon K.KAMAIQS	0.996207	1	TRUE	1
chrII	5945381	5956660	ExonBounc K.VRHDVIM	0.996648	1	TRUE	1
chrIII	7474907	7475796	NovelGene K.FIEQKNKI	0.999998	2	FALSE	2
chrV	18069992	18077432	NovelExon K.FVKNRVIL	0.995678	1	TRUE	1
chrV	5085871	5087106	FrameShift K.RLIWRIM	0.996931	1	TRUE	1
chrV	20479658	20480815	GeneBounc P.AYSPMTT	0.999961	2	FALSE	2
chrI	6216650	6219913	GeneBounc Q.RQLHARI	1	4	FALSE	4
chrIII	4408523	4412189	FrameShift _ .NRELREEI	0.997586	1	TRUE	1
chrIII	1905958	1939562	FrameShift K.TNKNNGNI	0.999991	2	TRUE	2
chrIV	8261131	8266441	NovelExon _ .YLQHPIEE	0.994129	1	TRUE	1
chrIII	6632832	6650972	ReverseStr: K.QDAPKQI	0.999969	2	FALSE	2
chrII	2473529	2478648	GeneBounc K.KLENAET	0.999977	2	FALSE	2
chrV	7527486	7527933	NovelGene K.CVEDYRD	1	7	FALSE	7
chrII	4991581	4993071	ReverseStr: R.ERTTKQC	0.999966	2	TRUE	2
chrIV	5937433	5939220	ReverseStr: R.ARAIEKN	0.999949	2	TRUE	2
chrIII	4706943	4708399	FrameShift K.EEAEKEKI	0.9979	1	TRUE	1
chrIII	13439627	13455206	NovelExon K.YGKNWC	0.996169	1	TRUE	1
chrV	5534115	5536229	ReverseStr: K.ESLSSQFI	0.999954	2	TRUE	2
chrV	13415049	13416108	ExonBounc K.LNFMICL	0.9981	1	TRUE	1
chrX	13991427	13995765	ReverseStr: K.LFQKAQI	1	2	FALSE	2
chrI	11741521	11743942	ReverseStr: _ .KLFIIYFIM	0.999928	2	TRUE	2
chrII	10702174	10714240	ReverseStr: K.PLKLEIEM	1	3	TRUE	3
chrII	7627727	7651163	NovelExon K.MICAYGC	0.997776	1	TRUE	1
chrV	19995956	20004456	NovelExon K.MKNSGK	0.996727	1	TRUE	1
chrV	6035326	6037339	FrameShift R.TVQFHAI	0.998398	1	TRUE	1
chrX	2370323	2372438	NovelGene K.KTALNNII	0.999983	2	FALSE	2
chrII	10468291	10470237	FrameShift R.PMIGSSS	0.99895	1	TRUE	1
chrV	3595178	3597139	NovelExon K.VLTSLPCK	0.995063	1	TRUE	1
chrV	6655534	6656484	NovelExon _ .INLNSPFC	0.994269	1	TRUE	1
chrV	9960848	9962450	ExonBounc R.KQDKQK	0.999419	1	TRUE	1
chrIV	1660111	1669682	ReverseStr: R.APHGFAS	0.999989	2	FALSE	2
chrV	14829162	14847297	ReverseStr: K.KRICDDC	1	5	TRUE	3
chrI	4644438	4645627	GeneBounc K.GWSVPLI	0.999996	2	FALSE	2

chrIV	10524748	10530572	NovelExon	K.NRTLGS	0.997125	1	TRUE	1
chrV	14828623	14829328	GeneBound	R.FYQISSIF	1	5	FALSE	3
chrI	7955973	7958500	GeneBound	R.KKTKEEA	0.999942	2	FALSE	2
chrV	8902317	8905401	NovelExon	R.TRFELVSC	0.99595	1	TRUE	1
chrV	19119494	19124879	ReverseStr	R.KMGALSM	0.999914	2	FALSE	2
chrII	10686296	10690347	ReverseStr	R.RKTDLGL	0.999986	2	FALSE	2
chrII	3429409	3431308	NovelExon	K.IGRKSSTM	1	1	TRUE	1
chrX	8325053	8326400	FrameShift	K.TKPYLKM	0.99449	1	TRUE	1
chrI	511051	516459	ReverseStr	_.EFPPPIN	0.999993	2	TRUE	2
chrV	8133410	8134963	ReverseStr	K.QRSRPVII	1	3	FALSE	3
chrII	9333955	9338838	GeneBound	R.AISIASSR	1	6	FALSE	6
chrIV	5364551	5366746	GeneBound	_.LVYFLCRI	0.999957	2	FALSE	2
chrX	17135936	17138038	ReverseStr	R.KNASVNC	0.999962	2	FALSE	2
chrIII	856629	860081	FrameShift	_.MYSSKKM	0.996261	1	TRUE	1
chrII	10197566	10198265	FrameShift	K.LINQDSEI	0.996917	1	TRUE	1
chrI	2489978	2497385	ExonBound	K.NRFFQKS	0.995592	1	TRUE	1
chrIII	3070515	3085263	NovelExon	K.LPKFEDFI	0.996442	1	TRUE	1
chrI	14004477	14008459	GeneBound	R.LTAIDSA/	1	5	FALSE	5
chrIV	4390846	4393449	FrameShift	_.TCSRRH	0.99988	1	TRUE	1
chrV	19995956	20004456	ReverseStr	K.LGLGLGL	0.999998	3	TRUE	2
chrIV	14071350	14076719	FrameShift	L.FLNSNRIS	0.997199	1	TRUE	1
chrIII	1508787	1517985	ExonBound	K.FKYKQVL	0.995783	1	TRUE	1
chrI	1211495	1254700	NovelExon	K.KCQKILEI	0.994785	1	TRUE	1
chrV	14518340	14519355	ExonBound	G.DEALKFL	0.994062	1	TRUE	1
chrX	17680835	17682218	ReverseStr	K.FEKKESE	1	3	FALSE	3
chrV	3777371	3784658	NovelExon	_.KIIKFKLS/	0.999574	1	TRUE	1
chrIV	11116552	11118866	ReverseStr	R.LAFLSFFR	0.999985	3	TRUE	2
chrIV	16070814	16073183	NovelGene	L.KMFLTVL	0.999915	2	FALSE	2
chrX	12503893	12513979	ReverseStr	K.LKYSNFAI	0.999953	2	TRUE	2
chrIII	5564985	5566967	GeneBound	R.EMVFFFS	0.999997	4	FALSE	2
chrII	13888585	13898503	GeneBound	R.KLKKKILK	1	3	FALSE	3
chrIV	3342513	3350015	ReverseStr	L.YFACIRKK	0.999976	2	TRUE	2
chrI	14665168	14674811	NovelExon	K.INVSKNLI	0.994741	1	TRUE	1
chrII	2460851	2472867	ReverseStr	K.PSIWIEA	0.999961	2	TRUE	2
chrIII	13307401	13313292	NovelExon	_.FLKNLKN	0.998966	1	TRUE	1
chrII	9939160	9940278	NovelExon	K.MLYNCFY	0.999012	1	TRUE	1
chrIV	11101941	11102674	GeneBound	R.RREMLKE	0.999992	2	FALSE	2
chrIV	559238	568076	GeneBound	K.TLFLKYN	0.999958	2	FALSE	2
chrI	9876960	9879110	GeneBound	K.TTVKTITS	0.999979	2	FALSE	2
chrX	1132996	1148340	FrameShift	R.LDREFNP	0.997978	1	TRUE	1
chrX	1247733	1249833	ReverseStr	R.LPTYVPA	0.999956	2	TRUE	2
chrX	7888666	7889717	ReverseStr	K.NVSSPFSI	0.999952	2	FALSE	2
chrV	8126643	8129332	GeneBound	R.KVEEETKI	0.999997	2	FALSE	2
chrX	17601533	17609972	ReverseStr	A.ESFKFLFL	0.999981	2	TRUE	2
chrV	12494710	12497736	ReverseStr	_.MNIRKN	0.999993	2	TRUE	2
chrIII	3068302	3069192	Translated	_.EGLHHPK	1	4	TRUE	4
chrX	4710143	4711715	GeneBound	K.NNMNTK	0.999952	2	FALSE	2

chrIV	5369798	5374662	ExonBound	R.NENQSCF	0.995175	1	TRUE	1
chrI	1394571	1402944	NovelExon	K.LKFSIFGIH	0.997806	1	TRUE	1
chrII	3949403	3951346	ReverseStr	R.ASTLGHY	1	3	TRUE	3
chrX	4834840	4853035	ReverseStr	K.WAMPEN	1	3	TRUE	3
chrII	11465875	11467577	FrameShift	R.ILVMLPKI	0.997982	1	TRUE	1
chrX	10181079	10194317	NovelExon	K.RASGWA	0.998059	1	TRUE	1
chrIV	6147528	6149916	ReverseStr	K.RKWKHQ	0.999924	2	TRUE	2
chrX	6684425	6690086	ExonBound	_.KYAEINVI	0.995321	1	TRUE	1
chrX	15689390	15696355	FrameShift	R.RKTPFCK	0.998081	1	TRUE	1
chrI	14642722	14646595	NovelExon	R.SNCNGT/	1	1	TRUE	1
chrII	3282657	3287156	GeneBound	_.ITVDTGD	1	3	FALSE	3
chrV	13622093	13624513	FrameShift	_.SSEITSSR	0.999587	1	TRUE	1
chrII	4461131	4467895	NovelExon	K.KKTKNCL	0.994697	1	TRUE	1
chrV	18389252	18391249	GeneBound	K.KNWLIVR	0.999953	2	FALSE	2
chrII	3749072	3750722	ReverseStr	R.IFNNDLN	0.999976	2	TRUE	2
chrX	15149493	15153699	NovelGene	K.QMFPCSI	1	3	FALSE	3
chrIV	2161476	2164870	FrameShift	_.NLPKVQF	0.994127	1	TRUE	1
chrIII	6972155	6973667	GeneBound	K.SGDAGIV	1	44	FALSE	16
chrII	51652	57607	FrameShift	R.QEVQRAI	0.998135	1	TRUE	1
chrIV	11603589	11604901	ReverseStr	_.HGPETSC	0.999998	2	FALSE	2
chrV	15316480	15318408	FrameShift	R.VLLSKIAK	0.994195	1	TRUE	1
chrX	372236	376974	ExonBound	K.ILKFLMSK	0.999361	1	TRUE	1
chrIII	4015892	4017606	ReverseStr	L.PMILLLLL	1	8	TRUE	5
chrII	9178453	9188420	ReverseStr	K.NQAIQNI	0.999943	2	TRUE	2
chrX	14876096	14878650	FrameShift	K.WSLHENI	0.99626	1	TRUE	1
chrII	4891575	4893569	ReverseStr	R.MVLLSNS	1	3	TRUE	3
chrII	3915950	3916570	NovelGene	R.FKLSNFLT	0.999983	2	FALSE	2
chrI	4805608	4809675	FrameShift	R.ISSTGASE	0.996944	1	TRUE	1
chrIV	2891555	2892495	GeneBound	K.LFLKTILG	0.999997	3	FALSE	2
chrI	7867572	7867913	ReverseStr	_.GKFDLSI	1	4	TRUE	4
chrIII	12671293	12673322	ReverseStr	K.WPNPKC	0.999979	2	FALSE	2
chrIV	2358931	2376115	GeneBound	K.MAKNIQI	1	3	FALSE	3
chrIV	15455122	15471456	NovelExon	K.KLLKGGL	0.996831	1	TRUE	1
chrIV	764072	769386	Translated	K.KRKKSGA	0.99999	2	TRUE	2
chrII	1321048	1323086	NovelExon	K.HRQKREV	0.994627	1	TRUE	1
chrIII	12987571	12992391	FrameShift	R.LIYHSSDF	0.997312	1	TRUE	1
chrV	2898434	2899965	ReverseStr	R.IDTQKSN	0.999999	2	TRUE	2
chrIII	11485374	11487247	GeneBound	_.LVFGDAE	1	3	FALSE	3
chrIII	5943779	5946080	ReverseStr	T.FDLAGKC	1	14	FALSE	5
chrI	10072571	10074376	GeneBound	K.TTWRISG	0.999959	2	FALSE	2
chrIII	12434310	12435122	GeneBound	K.KFWISSTI	1	3	FALSE	3
chrX	7823603	7825709	NovelExon	K.SGDAGIV	1	2	TRUE	2
chrX	11109384	11115775	ExonBound	_.YLSGSGN	0.995785	1	TRUE	1
chrX	5841557	5845953	FrameShift	K.LGICTPNI	0.997114	1	TRUE	1
chrV	8502427	8504570	NovelExon	K.SVDLVDT	0.997003	1	TRUE	1
chrII	12185943	12189206	FrameShift	_.LKKKNHR	0.998188	1	TRUE	1
chrIII	4618842	4643271	NovelExon	N.LPTSKPG	0.996427	1	TRUE	1

chrIII	190983	191980	GeneBounc	R.LNFPEFSI	0.999944	2	FALSE	2
chrIII	9260111	9268982	ReverseStr	R.EPTNHM	0.99993	2	TRUE	2
chrV	14999698	15000009	GeneBounc	Q.KFNNGK	1	3	FALSE	3
chrIV	13048472	13049811	FrameShift	R.YPFQCSS	0.99854	1	TRUE	1
chrIII	1197438	1202000	ReverseStr	R.KNRRKNC	1	3	TRUE	3
chrIV	14327135	14327242	NovelGene	R.EWRPRP	0.999919	2	FALSE	2
chrIV	17154731	17157774	NovelGene	R.GRQAGG	0.999999	2	FALSE	2
chrII	3961692	3972141	FrameShift	R.RTAVDLS	0.996866	1	TRUE	1
chrII	2177740	2181980	ReverseStr	R.RHSSPQL	0.999962	2	TRUE	2
chrV	8751862	8752992	GeneBounc	K.FMILSAYI	0.999985	2	FALSE	2
chrIII	1215968	1222064	ReverseStr	R.RWMRRI	0.999929	2	FALSE	2
chrX	15369929	15377616	ExonBounc	R.ARQFISIS	0.995148	1	TRUE	1
chrII	7533252	7534466	ReverseStr	I.WTNMAR	1	4	TRUE	3
chrX	4984047	4993205	ExonBounc	K.SISFSSPD	0.999223	1	TRUE	1
chrII	13311146	13320841	NovelExon	K.KSQIKNEI	0.995602	1	TRUE	1
chrV	10453843	10457324	FrameShift	K.SRILCRFH	0.99737	1	TRUE	1
chrIV	10368586	10373115	ExonBounc	R.FVKKHVT	0.997762	1	TRUE	1
chrIII	9327224	9329283	GeneBounc	R.KQHVEI	0.999985	2	FALSE	2
chrV	19436570	19437188	NovelSplice	K.AKEMSEC	0.996401	1	TRUE	1
chrX	7823603	7825709	NovelExon	_.TLLEALDS	0.998068	1	TRUE	1
chrIV	17079714	17087344	ReverseStr	R.KIMGGGI	0.999995	2	FALSE	2
chrIV	5111678	5112867	ReverseStr	K.KSGQQIN	0.999945	2	FALSE	2
chrII	342137	347865	GeneBounc	K.DKMKSKI	1	3	FALSE	3
chrIII	860188	861289	GeneBounc	_.MYSSKKM	0.999969	2	FALSE	2
chrI	11634604	11636833	ExonBounc	K.RCEEPDH	0.995458	1	TRUE	1
chrX	16944804	16947953	ReverseStr	R.FHRHRFH	0.999937	2	TRUE	2
chrV	8318415	8322843	ReverseStr	R.IPHSMHT	0.999931	2	FALSE	2
chrI	13952149	13953182	FrameShift	_.ARTKRAS	0.999999	2	TRUE	2
chrII	1321044	1323094	FrameShift	K.HRQKREV	0.994627	1	TRUE	1
chrV	17022346	17022639	ReverseStr	_.RRVYASS	0.999973	2	TRUE	2
chrIII	6082740	6084686	ExonBounc	K.LIFNFSAM	0.995513	1	TRUE	1
chrIII	3499358	3502534	GeneBounc	R.KKNPSKS	0.999977	2	FALSE	2
chrII	4186669	4208502	NovelExon	K.EKSVDSV	0.994972	1	TRUE	1
chrX	17670953	17680714	FrameShift	R.LLECQAR	0.996902	1	TRUE	1
chrIII	765191	771362	FrameShift	K.FQVISSEV	0.998254	1	TRUE	1
chrV	3768556	3769762	GeneBounc	K.KIHKLPKM	0.999946	2	FALSE	2
chrV	627107	627651	FrameShift	R.TMPKDLF	0.995854	1	TRUE	1
chrII	1063289	1063934	NovelGene	R.KNSGAKL	0.999962	2	FALSE	2
chrX	6929220	6932318	FrameShift	R.VAVMGK	0.995074	1	TRUE	1
chrIV	11086069	11092531	ReverseStr	R.FCLAGDL	0.999963	2	TRUE	2
chrIII	12283107	12303115	NovelExon	Q.KCGFAKF	1	1	TRUE	1
chrIII	6592514	6601118	NovelExon	R.YYSHNK	0.995588	1	TRUE	1
chrV	4431749	4432089	ExonBounc	K.KKGRTVE	0.996585	1	TRUE	1
chrIII	344314	348608	FrameShift	R.SSNRFCG	0.999382	1	TRUE	1
chrIII	13119719	13133829	ReverseStr	_.ESSNTCT	0.999924	2	TRUE	2
chrI	5549140	5550508	ReverseStr	R.SFREKSTC	0.999978	2	TRUE	2
chrI	1157572	1162903	GeneBounc	_.GLDVDHL	1	3	FALSE	3

chrX	11028901	11040539	ReverseStr: R.VQWREG	0.999988	2	TRUE	2
chrIII	4553614	4559894	NovelExon K.SFDTTMK	0.995009	1	TRUE	1
chrI	535794	536673	FrameShift K.EADNDIV	0.99948	1	TRUE	1
chrII	6349175	6351955	ReverseStr: R.HNIWKIR	1	6	TRUE	4
chrI	17483	26781	ReverseStr: R.RCDGSSC	1	4	TRUE	4
chrIV	1052511	1054796	ExonBounc F.FQFISAIA	0.998682	1	TRUE	1
chrI	10291885	10297913	ReverseStr: _.AESLSYG/	1	3	TRUE	3
chrII	1663803	1665771	FrameShift K.ARSYDGS	0.995352	1	TRUE	1
chrV	20787385	20787592	ReverseStr: R.ILCASRAF	0.999938	2	TRUE	2
chrV	11740874	11754181	ReverseStr: R.KKYGGGC	0.999981	2	TRUE	2
chrIV	9858468	9862098	NovelExon R.ASAEMF/	0.999627	1	TRUE	1
chrIII	2805423	2810994	NovelExon K.KFKNLRK	0.996086	1	TRUE	1
chrIV	7982514	7983888	FrameShift _.RFRQQAC	1	1	TRUE	1
chrV	6098976	6100536	ReverseStr: R.QGLLQQI	1	17	TRUE	5
chrIV	14796574	14797458	ReverseStr: K.LAMFLMI	0.999994	2	TRUE	2
chrIII	2102285	2107460	NovelExon _.ESTEMGL	0.999137	1	TRUE	1
chrV	9680351	9685635	GeneBounc K.MLKGQ	0.999952	2	FALSE	2
chrII	15233077	15244883	FrameShift R.MIASARL	0.995435	1	TRUE	1
chrV	6793919	6795113	FrameShift T.ENNKLSK	0.998421	1	TRUE	1
chrV	4648818	4650606	FrameShift R.RVRMWM	0.999505	1	TRUE	1
chrII	15179895	15183156	NovelExon R.QTGKPA	0.994604	1	TRUE	1
chrII	13533475	13541001	NovelExon K.NFFIKILIK	0.994476	1	TRUE	1
chrII	11465641	11468589	GeneBounc K.LLFHQSK	1	4	FALSE	4
chrII	14600827	14610476	NovelExon K.FVGNQA	0.999676	1	TRUE	1
chrV	9691013	9692135	ReverseStr: R.SSNCDCS	1	3	TRUE	3
chrII	6306398	6308042	FrameShift K.WYRPDD	0.997867	1	TRUE	1
chrV	6390447	6392454	GeneBounc K.RTWRRG	0.999961	2	FALSE	2
chrX	6479601	6484773	ReverseStr: R.QLFGGG\	0.999997	2	TRUE	2
chrI	8623011	8631178	FrameShift K.QSTMFR	0.996274	1	TRUE	1
chrIV	2619873	2625503	NovelExon K.FDNKILT	0.996567	1	TRUE	1
chrII	5056220	5058105	ReverseStr: Q.EPVEDGI	1	3	FALSE	3
chrX	8534617	8535053	ReverseStr: K.TFISSKEL	0.999985	2	FALSE	2
chrI	13274100	13276451	FrameShift R.ESPQIML	0.99461	1	TRUE	1
chrIII	3195552	3198352	NovelExon _.AEIQAFK\	0.998923	1	TRUE	1
chrIII	1905958	1939562	ReverseStr: _.ILSSKFKYI	0.999982	3	TRUE	2
chrV	1475086	1479581	FrameShift R.AVVLEPA	0.997236	1	TRUE	1
chrX	6958146	6958383	NovelGene K.INGTEKN	0.999997	2	FALSE	2
chrIV	10504977	10506170	NovelGene R.AQCASFL	1	2	FALSE	2
chrX	8228017	8231880	NovelExon R.KSVIPGIR	0.99438	1	TRUE	1
chrII	13741673	13749911	NovelExon _.TSRPQNF	0.997749	1	TRUE	1
chrX	9409755	9427192	FrameShift R.KEKRREG	0.996735	1	TRUE	1
chrX	7823603	7825718	ReverseStr: V.RGDLKH\	1	3	TRUE	3
chrIV	11924619	11925328	ReverseStr: _.DVSFCKI	1	3	TRUE	3
chrIII	11710727	11718549	ReverseStr: K.NTSEIFSK	0.999956	2	TRUE	2
chrII	2137466	2138995	ReverseStr: R.RRVKITK\	0.999991	2	TRUE	2
chrX	17236859	17237781	ReverseStr: K.FTHFVKS	0.999954	2	FALSE	2
chrI	2621957	2623272	NovelExon K.LCVETGV	0.996563	1	TRUE	1

chrV	9343476	9343935	ReverseStr: R.TGMIFGS	0.999998	4	FALSE	2
chrII	5600925	5602925	FrameShift K.KEKRRIRI	0.994654	1	TRUE	1
chrX	5165364	5168749	ReverseStr: P.RHIYDIGF	0.999995	3	FALSE	2
chrI	9638877	9641727	ExonBounc R.NAENIRIS	0.995569	1	TRUE	1
chrV	18967875	18969588	NovelExon _._ESMENK\	0.998136	1	TRUE	1
chrII	7846437	7847614	GeneBounc K.RSVDKCG	0.999943	2	FALSE	2
chrX	6178209	6178702	ReverseStr: K.KEPCKTLI	0.999999	2	FALSE	2
chrI	47472	49819	FrameShift R.NIGKAM/	0.999282	1	TRUE	1
chrIV	4724854	4725305	ReverseStr: R.QRWWL	0.999979	2	FALSE	2
chrIII	9759033	9760304	GeneBounc _._QKVFPQ	0.999949	2	FALSE	2
chrIII	9185999	9192905	NovelExon R.RAINVKA	1	1	TRUE	1
chrX	16315356	16317659	NovelExon K.ERTDKKK	0.99764	1	TRUE	1
chrI	9644396	9644763	GeneBounc K.KRKTDRK	1	3	FALSE	3
chrX	17402731	17413776	NovelExon K.IRDLEKIFI	0.995199	1	TRUE	1
chrIV	13031570	13034091	GeneBounc R.WEDLPIN	0.999986	3	FALSE	2
chrIII	12240302	12250063	NovelExon K.KFFFLKFL	0.998921	1	TRUE	1
chrII	15233077	15244883	NovelExon R.MIASARL	0.995435	1	TRUE	1
chrII	2748593	2751578	ReverseStr: K.LPKNYPK	0.99996	2	TRUE	2
chrIV	8852485	8862474	FrameShift R.QRLLKQ	0.9977	1	TRUE	1
chrIV	6582676	6585560	ReverseStr: R.EMNNLN	0.999951	2	TRUE	2
chrIV	315053	320576	ExonBounc K.FICETESE	0.994871	1	TRUE	1
chrX	11420407	11433459	ReverseStr: K.LHGCFHF	0.999924	2	TRUE	2
chrX	6619874	6627951	FrameShift R.GGLWSA	0.994751	1	TRUE	1
chrV	4973300	4974763	ReverseStr: R.VSSGFAK	0.999996	2	FALSE	2
chrIV	7083683	7084673	GeneBounc K.FSKRYICI	0.999938	2	FALSE	2
chrIV	334803	337178	NovelExon K.FFSILQNS	0.996461	1	TRUE	1
chrV	1223898	1235446	ReverseStr: K.KTNWML	0.999975	2	TRUE	2
chrII	10932728	10935177	ReverseStr: K.RDPNGSF	0.999974	2	TRUE	2
chrV	16190765	16192242	ReverseStr: R.FKGGAPK	0.999963	2	FALSE	2
chrIV	12773862	12786949	NovelExon K.QKLHTTN	0.998715	1	TRUE	1
chrV	11586241	11588115	NovelExon M.TEMGDE	0.994127	1	TRUE	1
chrI	5401811	5402896	GeneBounc R.EIKLFDVK	0.999976	2	FALSE	2
chrIII	11326555	11343008	NovelExon K.KKKSGSA	0.995845	1	TRUE	1
chrV	5866117	5867935	GeneBounc K.IEFKFSSH	0.999998	2	FALSE	2
chrII	9931786	9934384	FrameShift K.FDPELLS	0.999026	1	TRUE	1
chrX	15270862	15273688	ReverseStr: R.LNIAMN\	1	3	TRUE	3
chrX	6053065	6057311	FrameShift R.MIFSLDP	0.997226	2	TRUE	1
chrV	15354982	15357555	GeneBounc R.RDEVDF	0.999966	2	FALSE	2
chrII	7359918	7363202	GeneBounc K.RKETQRE	0.99997	3	FALSE	2
chrV	16224314	16225520	GeneBounc R.WGTSRPI	1	3	FALSE	3
chrII	6679511	6682937	FrameShift R.FSYVCGC	0.996391	1	TRUE	1
chrII	3346748	3347522	GeneBounc K.QTQTKES	0.999944	2	FALSE	2
chrV	8272365	8274027	FrameShift R.IPLPLEPS	0.994721	1	TRUE	1
chrIV	13779312	13782362	GeneBounc K.FNAIVLKF	0.999992	2	FALSE	2
chrIV	7304863	7308339	NovelExon M.KKINNHI	0.995134	1	TRUE	1
chrV	15498725	15511403	NovelExon R.IQSVRCV	0.996436	1	TRUE	1
chrI	4968008	4970246	ReverseStr: K.SIYGLEISF	0.999946	2	FALSE	2

chrIII	9060165	9071683	NovelExon	K.KYWSSTF	0.996622	1	TRUE	1
chrV	19519895	19533080	NovelExon	K.KQETDKT	0.997851	1	TRUE	1
chrV	3606805	3610914	ReverseStr:	K.QETTPAIF	0.999979	2	TRUE	2
chrIV	17461872	17463121	ReverseStr:	K.FFFLAQN	0.999922	2	TRUE	2
chrV	11226435	11228685	ReverseStr:	R.NGAPPSC	1	2	TRUE	2
chrII	5634510	5636908	ReverseStr:	K.KNFLNFS	0.999997	2	FALSE	2
chrV	9816666	9817838	FrameShift	K.LKIFFFDL	0.998976	1	TRUE	1
chrII	7551895	7553858	ReverseStr:	K.KMDQIM	0.999984	2	FALSE	2
chrV	2078463	2081983	NovelGene	K.LDFDLVA	1	3	FALSE	3
chrX	2252504	2254284	NovelGene	I.MAEASSF	0.99995	2	FALSE	2
chrIV	5272863	5274148	FrameShift	K.EGGKEGC	1	1	TRUE	1
chrIII	9739008	9743254	NovelExon	K.NSKVSKN	0.994823	1	TRUE	1
chrX	872601	875949	FrameShift	R.AAAPSGF	0.999436	1	TRUE	1
chrIII	4406258	4407298	FrameShift	R.SSQSLEE	0.996127	1	TRUE	1
chrV	4336675	4338912	NovelExon	_.IDISATVA	0.998507	1	TRUE	1
chrX	1018640	1019954	NovelGene	K.YNRVHF	1	5	FALSE	5
chrIII	7662363	7672088	FrameShift	R.FFQEDFS	0.99427	1	TRUE	1
chrIII	6208324	6209091	GeneBound	R.FGFEEGS	1	5	FALSE	5
chrV	20091232	20105658	NovelExon	R.LSGSGKM	0.997487	1	TRUE	1
chrIII	591346	598114	ExonBound	R.MVLFLILL	0.995423	1	TRUE	1
chrV	204383	208366	ReverseStr:	R.KNWNFV	1	4	TRUE	4
chrX	15600999	15603695	ReverseStr:	R.MPQVGS	0.999987	2	TRUE	2
chrX	12362329	12363042	ReverseStr:	F.SYIHLVSI	0.999955	2	FALSE	2
chrII	11348366	11350312	ReverseStr:	K.MQKRIFP	1	4	TRUE	3
chrIV	13880113	13881521	ReverseStr:	R.MREFIGC	0.999968	2	TRUE	2
chrIII	5088926	5090802	NovelGene	K.THTFLKY	0.999988	2	FALSE	2
chrI	15001843	15005600	ExonBound	R.KHSPRGE	0.998436	1	TRUE	1
chrIV	13070455	13071246	GeneBound	M.KVNYELL	0.999989	2	FALSE	2
chrIV	3579717	3580987	FrameShift	K.IHMSNVL	0.999497	1	TRUE	1
chrX	16581933	16587389	ReverseStr:	_.KKFCMV	0.999991	2	TRUE	2
chrI	5942579	5945539	ReverseStr:	K.IRLDCAH	0.999979	2	TRUE	2
chrIV	13543375	13548208	FrameShift	K.PMLSCLK	0.995271	1	TRUE	1
chrII	5168100	5169314	GeneBound	K.MQSQV	0.999992	2	FALSE	2
chrV	13745690	13748774	ReverseStr:	K.LSMFVTP	0.999937	2	TRUE	2
chrI	853454	871950	NovelExon	K.NNFFPNF	0.998349	1	TRUE	1
chrII	12479239	12480846	ReverseStr:	_.KLPKVAV	0.999985	3	TRUE	2
chrX	12484986	12491034	NovelSplice	R.DGIVGIV	0.995446	1	TRUE	1
chrIII	8272885	8275900	ExonBound	K.VIVVYAA	0.995228	1	TRUE	1
chrII	4091933	4094351	FrameShift	L.GRLQPTE	0.995178	1	TRUE	1
chrI	11512812	11513824	GeneBound	_.FLNIYMP	0.99998	2	FALSE	2
chrV	19510827	19512036	GeneBound	R.VFQGGH	0.999991	2	FALSE	2
chrI	11206914	11211376	NovelExon	K.NFDKLRE	0.995154	1	TRUE	1
chrI	7962047	7972436	NovelExon	R.HDTPLYC	0.995295	1	TRUE	1
chrX	16103571	16124272	NovelExon	K.VIFPNSYT	0.997809	1	TRUE	1
chrX	10819380	10838585	ReverseStr:	K.FKILTKYS	0.999974	2	FALSE	2
chrIII	235843	253375	FrameShift	R.VFISTPET	0.995439	1	TRUE	1
chrII	10738927	10775002	ReverseStr:	_.YFVSKNQ	1	3	TRUE	3

chrV	9693037	9694783	GeneBounc	R.RSGEKCA	1	2	FALSE	2
chrII	3343766	3344970	GeneBounc	R.ISKNFSM	1	3	FALSE	3
chrII	3961692	3972141	ReverseStr:	R.WWWHC	0.999949	2	TRUE	2
chrX	2900275	2903551	NovelGene	R.INDIAKEK	1	3	FALSE	3
chrIII	12131567	12131743	NovelGene	K.PKTKTKPI	0.999993	2	FALSE	2
chrV	19313246	19316483	ReverseStr:	_.TQIETKSC	1	2	FALSE	2
chrII	12669158	12671556	ReverseStr:	K.PLTGSAS'	1	3	FALSE	3
chrX	11714719	11716446	ReverseStr:	R.KMNAGR	0.999981	2	FALSE	2
chrV	6357460	6362089	ReverseStr:	R.SHKVKRL'	0.99999	2	TRUE	2
chrV	17861344	17870627	NovelExon	_.KIIEFYSKI	0.999679	1	TRUE	1
chrV	10712670	10732402	TranslatedI	_.RTAAHW	0.999946	2	TRUE	2
chrIII	13283791	13292984	ReverseStr:	K.EKMGKN	0.999984	2	TRUE	2
chrV	19332696	19349458	NovelExon	K.KAGFSKIE	0.997038	1	TRUE	1
chrII	5868826	5873592	ReverseStr:	K.KNLDVYK	0.999956	2	TRUE	2
chrX	15084679	15088065	ExonBounc	K.HQKINFF	0.998526	1	TRUE	1
chrIV	1014235	1019558	ReverseStr:	R.NDTRGVI	0.999954	2	TRUE	2
chrX	6430653	6433751	FrameShift	R.LTTFGCR'	0.99642	1	TRUE	1
chrIII	13090406	13099553	ReverseStr:	K.KNYSNSV	1	5	TRUE	3
chrX	3834283	3836854	NovelGene	K.YHNITLQ'	0.999985	2	FALSE	2
chrIV	8188888	8198937	ReverseStr:	K.ITFYISFLN	0.999963	3	TRUE	2
chrIII	5940939	5943787	NovelExon	K.TITLEVEA	1	2	TRUE	1
chrIII	8099261	8100572	FrameShift	K.FGIAIHN/	0.996281	1	TRUE	1
chrX	6809065	6817593	FrameShift	K.QTFVIQL'	0.999099	1	TRUE	1
chrI	7567817	7571246	ReverseStr:	R.SAPPDGF	0.999974	2	TRUE	2
chrIV	8034807	8035226	NovelGene	K.QINEKVA	0.99999	2	FALSE	2
chrX	209108	211241	ReverseStr:	K.QISEFSKK	0.999984	2	TRUE	2
chrX	7823603	7825718	FrameShift	K.SGDAGIV	0.999552	1	TRUE	1
chrIII	6979829	6981733	ExonBounc	R.KYEEVRY	1	1	TRUE	1
chrV	5323188	5324600	NovelExon	K.KNLACPN	0.994667	1	TRUE	1
chrIII	6154662	6157706	ReverseStr:	K.SEFVSFNI	1	3	TRUE	3
chrI	2333328	2338690	ReverseStr:	I.YSNTTNSM	0.999977	2	TRUE	2
chrIII	2549918	2560659	ReverseStr:	_.LDLFEYSC	0.999952	2	TRUE	2
chrX	316862	318400	NovelGene	P.DRMNRP	0.999994	2	FALSE	2
chrX	6698494	6700787	GeneBounc	R.KDAVFM	1	5	FALSE	3
chrI	8779731	8785409	ReverseStr:	E.KMVNEQ	0.999932	2	TRUE	2
chrIII	5294581	5298313	ReverseStr:	K.QDFWTK	0.999978	2	FALSE	2
chrI	14760637	14768969	ReverseStr:	_.SITASPAF	0.999971	2	FALSE	2
chrIII	11334741	11342145	FrameShift	R.YKLFLVEC	0.997189	1	TRUE	1
chrX	13371470	13376923	ReverseStr:	_.KNPITAIT	0.999983	2	TRUE	2
chrX	9703577	9704304	NovelGene	K.KMYNDIK	0.999993	2	FALSE	2
chrV	8126643	8129332	ExonBounc	R.KRSSSGE'	0.997822	1	TRUE	1
chrX	17679419	17680714	GeneBounc	R.LLECQAR	0.999976	2	FALSE	2
chrIV	461112	481167	ReverseStr:	K.SLSGSKT'	0.999979	2	TRUE	2
chrV	16224314	16225520	FrameShift	K.MIKWISS	0.998616	1	TRUE	1
chrI	6570088	6572601	FrameShift	R.CSRQHRT	0.999541	1	TRUE	1
chrII	14150974	14154298	ReverseStr:	K.SSKNVEV	1	7	TRUE	4
chrII	9528720	9529802	FrameShift	I.NIILHAIFH	0.995517	1	TRUE	1

chrIV	1784046	1785987	NovelGene	K.KNTADTL	0.999981	2	FALSE	2
chrIII	6690954	6703943	GeneBound	K.NSENRAI	0.999969	2	FALSE	2
chrI	6550534	6552647	FrameShift	R.RCIRYHS	0.995731	1	TRUE	1
chrII	2422212	2425348	FrameShift	R.WIDCFLL	0.995533	1	TRUE	1
chrI	14297277	14298314	GeneBound	K.RASGKSC	0.999995	2	FALSE	2
chrI	13309983	13310704	ReverseStr	I.SSSFENKL	0.999953	2	TRUE	2
chrIV	6472145	6473224	ReverseStr	K.KDEGEKK	1	3	FALSE	3
chrX	12289911	12293199	FrameShift	K.VCIEFEEP	0.997483	1	TRUE	1
chrX	9569322	9573666	FrameShift	_QLVYFEEI	0.99584	1	TRUE	1
chrIII	11410612	11424563	FrameShift	K.RLFRVLFV	0.994688	1	TRUE	1
chrI	9085344	9085848	GeneBound	R.ENKGIRL	0.999994	2	FALSE	2
chrIII	778237	783299	ReverseStr	R.RWTGQR	0.999987	3	TRUE	2
chrIII	254534	264395	GeneBound	R.EIRRKMA	0.999973	2	FALSE	2
chrV	2201580	2204396	ReverseStr	_LITLAAAL	1	8	TRUE	8
chrV	9109599	9110997	FrameShift	K.WTIPKYS	0.994397	1	TRUE	1
chrII	13908851	13915179	NovelExon	K.LQYLQLT	0.999994	2	TRUE	2
chrIV	4285415	4288425	NovelExon	_MKNFQK	0.997482	1	TRUE	1
chrII	12242881	12247546	FrameShift	K.IDSATAVI	0.999292	1	TRUE	1
chrX	9861592	9862897	ExonBound	F.TEMPLGC	0.99976	1	TRUE	1
chrV	6655534	6656484	ReverseStr	R.EDWGM	1	2	TRUE	2
chrIII	1765403	1770082	FrameShift	R.QIFSQAM	0.994799	1	TRUE	1
chrV	3945338	3947029	FrameShift	_NVARFC	0.998407	1	TRUE	1
chrII	12469310	12471147	ReverseStr	K.SLTTGGLI	0.999911	2	FALSE	2
chrX	1923717	1924232	ExonBound	K.GKLMENI	0.998517	1	TRUE	1
chrIII	1834504	1846751	NovelExon	K.ISDFCAN	0.994771	1	TRUE	1
chrV	5589636	5591822	FrameShift	R.RTEIDFEC	0.999241	1	TRUE	1
chrII	901939	903622	FrameShift	R.HRKRKSG	0.994757	1	TRUE	1
chrV	305701	311536	ReverseStr	_VFGGKID	0.999993	2	FALSE	2
chrII	5005085	5008061	FrameShift	R.DGRMTV	0.995119	1	TRUE	1
chrIV	7149325	7150678	FrameShift	K.ERKEMTK	0.99998	2	TRUE	2
chrX	9810173	9822215	FrameShift	K.KMMSLQ	0.997859	1	TRUE	1
chrI	13477247	13487393	NovelExon	R.KNFNNC	0.996426	1	TRUE	1
chrV	18191415	18194234	ReverseStr	K.LEHYSHR	0.99997	2	TRUE	2
chrIII	6206751	6208265	ExonBound	R.FGFEEGS	0.995946	1	TRUE	1
chrV	10922967	10923317	ReverseStr	R.IESGKKS	0.999976	2	TRUE	2
chrX	2711207	2748107	NovelExon	R.RRMGSLI	0.99448	1	TRUE	1
chrIV	3584309	3593610	NovelExon	R.NSKKTK	0.994951	1	TRUE	1
chrIV	12129482	12135073	NovelExon	_YDACRRR	0.998375	1	TRUE	1
chrX	6513927	6514141	NovelGene	K.HLVEIGKI	0.999994	2	FALSE	2
chrIV	12591672	12599146	ReverseStr	R.RYCPNAT	0.999964	2	TRUE	2
chrII	13098179	13116731	NovelExon	K.FFFEKCK	0.997455	1	TRUE	1
chrIV	11324697	11325200	GeneBound	K.NVMKNY	1	4	FALSE	3
chrIII	11990067	11999492	FrameShift	R.IWRLLLLM	0.994249	1	TRUE	1
chrII	12564120	12565878	GeneBound	R.RCNRNGI	1	3	FALSE	3
chrIV	9844009	9844317	FrameShift	R.TAAKPGI	0.996321	1	TRUE	1
chrIV	11482647	11498145	ReverseStr	R.QTKTGGI	1	3	TRUE	3
chrX	7823603	7825718	FrameShift	_RKRFGKT	0.998549	1	TRUE	1

chrI	9126130	9127065	ReverseStr:_.DSALNCD	0.999996	2	TRUE	2
chrII	11683415	11685225	FrameShift K.WKSFNF	0.996126	1	TRUE	1
chrV	3691954	3701755	ReverseStr: K.ARKPTQA	1	2	TRUE	2
chrII	11766709	11768559	ReverseStr: R.AMLIIGF	0.999941	2	TRUE	2
chrX	2763549	2764824	NovelGene _ .NKPVRKS	0.999984	2	FALSE	2
chrIV	6040964	6074494	NovelExon Q.KFRTEKL	0.994284	1	TRUE	1
chrIV	283647	287201	FrameShift K.GKKMM	0.998824	1	TRUE	1
chrIII	12203663	12215585	FrameShift K.RKKIFWK	0.999989	2	TRUE	2
chrIII	13463168	13464556	FrameShift R.IWNPFLP	0.99486	1	TRUE	1
chrII	371131	374082	NovelGene R.PLTLRRF	0.999993	2	FALSE	2
chrIV	17038888	17039618	ReverseStr: _ .KDRKEHS	0.999999	2	TRUE	2
chrV	879794	881575	ReverseStr: R.RLSKSR	0.999997	2	FALSE	2
chrI	10590709	10593951	FrameShift K.NSPFSIS	0.994171	1	TRUE	1
chrIV	7433537	7433947	GeneBound I.ITIINTLIF	0.999931	2	FALSE	2
chrV	16017951	16019842	GeneBound R.INNAISIL	0.999981	2	FALSE	2
chrIV	12349922	12355695	ReverseStr: K.RLCSIFR	0.999979	2	TRUE	2
chrIV	8261131	8266441	NovelExon C.QREEIEY	0.999969	2	TRUE	2
chrX	3716301	3718629	Translated I.R.MLVSP	0.999966	2	TRUE	2
chrV	9923261	9924027	FrameShift _ .RSRVMV	0.999979	2	TRUE	2
chrV	6881326	6891385	NovelSplice R.STPAAE	1	1	TRUE	1
chrV	2033791	2035644	ReverseStr: R.YELSDR	0.999945	2	TRUE	2
chrX	8275117	8283268	FrameShift K.FTPWNT	0.994664	1	TRUE	1
chrV	4919193	4919567	FrameShift R.FFVIFTT	0.994882	1	TRUE	1
chrI	14790233	14790928	ExonBound R.GTSHFES	0.99435	1	TRUE	1
chrV	856850	858454	FrameShift K.VIEGGVM	0.996274	1	TRUE	1
chrIV	16290422	16291012	NovelGene R.ESIFGVTF	0.999984	2	FALSE	2
chrIII	9336794	9344363	ExonBound K.KFHISGAI	0.998041	1	TRUE	1
chrIV	2788690	2796811	NovelExon R.HISGQMI	0.99722	1	TRUE	1
chrI	741882	745457	GeneBound K.PEQKPEP	0.999991	2	FALSE	2
chrX	5101001	5106142	FrameShift _ .ESEVTVN	0.999998	2	TRUE	2
chrIII	12484631	12488238	FrameShift R.LVWVSTF	0.997375	1	TRUE	1
chrII	6947831	6951258	GeneBound K.PMKTAN	0.999966	2	FALSE	2
chrIII	11119697	11127073	GeneBound K.KPMGFLC	0.999992	2	FALSE	2
chrV	5234780	5237153	GeneBound S.KFQIISILN	0.999999	3	FALSE	3
chrII	10251206	10268115	ReverseStr: K.FPANRQ	0.999971	2	TRUE	2
chrII	13568012	13574993	NovelExon R.KLFFAHFI	0.999482	1	TRUE	1
chrIII	12404031	12421422	NovelExon K.CKKNRKK	0.994881	1	TRUE	1
chrX	6075474	6081798	NovelExon _ .FLYQLNR	0.995363	1	TRUE	1
chrX	14885890	14887396	NovelGene _ .DSVFSTA	0.999948	2	FALSE	2
chrI	14237347	14241176	ReverseStr: K.TKNASEK	1	3	TRUE	3
chrI	4664500	4665349	ReverseStr: K.LILLMME	0.999972	2	FALSE	2
chrV	7465870	7471190	ExonBound K.NVTILRV	0.996214	1	TRUE	1
chrV	19384858	19390091	NovelExon _ .KMGLSA	0.997322	1	TRUE	1
chrI	1837912	1841192	FrameShift R.LADSLAP	0.998845	1	TRUE	1
chrII	4872093	4873122	GeneBound K.TGDGERF	0.999979	2	FALSE	2
chrX	16816187	16819195	NovelExon S.WSPAYVF	0.995381	1	TRUE	1
chrIV	698774	707719	NovelExon R.QTFVKEG	0.995651	1	TRUE	1

chrI	11253342	11255875	NovelExon	R.VALHVAL	0.999227	1	TRUE	1
chrIII	8356813	8358772	ReverseStr	R.MVGAKA	0.999999	2	FALSE	2
chrII	10639416	10643477	GeneBound	_.HRMPTY	0.999923	2	FALSE	2
chrII	11052082	11055245	ReverseStr	R.LSSIDILM	1	3	TRUE	3
chrII	2603213	2605424	ReverseStr	R.QNQKQN	0.999986	2	TRUE	2
chrV	1342790	1343392	NovelGene	R.LSAGANS	0.999992	2	FALSE	2
chrIII	4837699	4840988	ExonBound	K.VIFRQMK	0.998096	1	TRUE	1
chrIV	874601	881909	NovelExon	N.NFFEFSSI	0.99628	1	TRUE	1
chrIII	6251760	6271230	NovelExon	K.LGLTSAA	0.9977	1	TRUE	1
chrIV	10422591	10424617	ReverseStr	_.SSSLGSSS	0.999988	4	TRUE	2
chrIV	2688959	2703975	ReverseStr	R.RLSKMD	0.999964	2	TRUE	2
chrV	12590960	12592463	ReverseStr	K.WKLLLIW	0.999955	2	FALSE	2
chrI	15041421	15050691	ReverseStr	K.SLRGTVP	0.999964	2	TRUE	2
chrII	6684202	6688606	NovelExon	R.ADALYNF	1	1	TRUE	1
chrII	3482439	3490142	NovelExon	K.KLENFVN	0.996633	1	TRUE	1
chrIV	4487052	4488991	NovelExon	R.IMSAANF	0.996337	1	TRUE	1
chrV	16833294	16839049	ReverseStr	Y.DNKFSS	0.999987	2	TRUE	2
chrX	15891944	15892295	NovelGene	V.FRNIPPP	0.999997	2	FALSE	2
chrII	13406090	13411210	GeneBound	E.ILMDDTV	0.99997	2	FALSE	2
chrV	3391680	3393291	FrameShift	K.QKLVFNL	0.999968	2	TRUE	2
chrIV	16744833	16755769	GeneBound	_.KKNRDLC	1	4	FALSE	4
chrV	5503017	5504840	ReverseStr	R.ALVVNLN	0.999995	2	TRUE	2
chrI	6476803	6488984	NovelExon	H.NCLTEAT	0.998898	1	TRUE	1
chrV	10674483	10675591	FrameShift	K.KMMELE	0.995131	1	TRUE	1
chrV	12527040	12528631	GeneBound	K.KLMSSTS	0.999937	2	FALSE	2
chrX	10000881	10004881	ExonBound	K.TNQIVLL	0.995022	1	TRUE	1
chrV	5589636	5591822	FrameShift	K.FVHYNAN	0.996303	1	TRUE	1
chrV	17029598	17030519	NovelGene	K.RNGSYPC	0.999929	2	FALSE	2
chrI	5190151	5195249	NovelExon	K.LVVLYFM	0.995822	1	TRUE	1
chrV	10021508	10023212	GeneBound	K.SRYVSRIV	1	3	FALSE	3
chrIV	8644728	8645332	GeneBound	K.NKMDKG	0.999997	2	FALSE	2
chrIII	2151958	2197899	NovelExon	R.IPESTVTR	1	1	TRUE	1
chrII	4481024	4483721	NovelExon	_.TLQVGM	0.994208	1	TRUE	1
chrV	15357679	15360721	ReverseStr	R.EICSKHR	0.999966	2	TRUE	2
chrV	9058406	9059572	ReverseStr	_.KTVKGNL	0.999989	2	TRUE	2
chrV	20579534	20580647	GeneBound	R.HVFIHHT	0.999998	4	FALSE	2
chrV	5902116	5904829	FrameShift	R.NMTSIHS	0.99517	1	TRUE	1
chrV	5132726	5137085	FrameShift	R.IMGLLIM	0.995088	1	TRUE	1
chrIII	13344836	13346765	GeneBound	_.MPIFRSV	0.999972	2	FALSE	2
chrV	17417108	17418366	GeneBound	K.GFFSCQN	0.999971	2	FALSE	2
chrIV	8827791	8840669	GeneBound	K.IKTTRIWH	0.999999	4	FALSE	2
chrIV	2887050	2891280	GeneBound	K.INWAVTI	1	2	FALSE	2
chrIII	1605738	1606821	GeneBound	F.NHYGKLC	0.999983	2	FALSE	2
chrI	12183679	12188998	ExonBound	R.AVQNSIV	0.9967	1	TRUE	1
chrIV	10738184	10738638	ReverseStr	K.TGIRFGSI	0.999981	2	TRUE	2
chrX	9062779	9066602	GeneBound	_.RHFNIFF	0.999928	2	FALSE	2
chrV	9645816	9650285	FrameShift	R.KVQTTAN	0.996618	1	TRUE	1

chrI	11618	16842	NovelExon	_.EVGGLILL	0.998796	1	TRUE	1
chrX	5109473	5112347	ReverseStr	R.SIRFTRTK	0.999942	2	TRUE	2
chrX	5489806	5490081	GeneBounc	_.QKCTEVC	0.999991	2	FALSE	2
chrX	11563857	11569464	ReverseStr	R.SDSMMT	0.999942	2	FALSE	2
chrIV	13492547	13497117	FrameShift	K.KYSIEREP	0.994107	1	TRUE	1
chrI	1162892	1175871	NovelExon	_.CDSKFSPI	0.995936	1	TRUE	1
chrIV	11480665	11482602	GeneBounc	_.PEYKYSQ	1	3	FALSE	3
chrV	16747537	16788393	NovelExon	K.KFFNSEM	0.997374	1	TRUE	1
chrIII	8468035	8478300	ReverseStr	K.IFFQLPST	0.999999	2	TRUE	2
chrII	11232692	11234890	NovelExon	K.KTPNFAP	0.995165	1	TRUE	1
chrX	10945088	10948904	ExonBounc	K.CVDIFPEC	0.994962	1	TRUE	1
chrX	15174969	15176411	GeneBounc	C.PCKFLPAI	0.999997	2	FALSE	2
chrIII	1606836	1614024	ReverseStr	R.FHISVPST	1	4	TRUE	4
chrV	20441584	20443988	NovelGene	K.KMIEKAN	0.99992	2	FALSE	2
chrV	17415253	17416718	GeneBounc	K.NIFNSTNI	1	3	FALSE	3
chrX	2237903	2240246	FrameShift	R.EAALQM	0.996117	1	TRUE	1
chrIV	15826868	15828801	NovelGene	R.FFFLGDL	0.999997	2	FALSE	2
chrV	16466445	16467919	ReverseStr	R.VMYKKAI	0.999983	2	FALSE	2
chrII	10350700	10351557	FrameShift	K.TWDAKR	0.99815	1	TRUE	1
chrIII	9799020	9802211	FrameShift	K.HQLYTM	0.994235	1	TRUE	1
chrII	5055608	5056206	FrameShift	Q.EPVEDGI	1	3	TRUE	3
chrIII	6362927	6365414	ReverseStr	R.FFYNYLH'	0.999974	2	TRUE	2
chrX	15885647	15887576	FrameShift	R.PVFSITTK	0.994337	1	TRUE	1
chrV	1875538	1882239	NovelExon	K.KKTRKTYI	0.996251	1	TRUE	1
chrV	7123639	7128871	NovelExon	K.LRMCLAV	0.996834	1	TRUE	1
chrX	9685437	9688271	NovelGene	K.FEILADSK	0.999955	2	FALSE	2
chrIV	14371314	14371904	NovelExon	R.QFWIENC	0.998356	1	TRUE	1
chrI	853454	871950	GeneBounc	K.NEIIDKN	0.999949	2	FALSE	2
chrIII	9947819	9950191	ReverseStr	K.KNKNLKL	0.999932	2	TRUE	2
chrV	17371519	17376712	NovelExon	K.KQKTKNK	0.996203	1	TRUE	1
chrIV	1329162	1339376	NovelExon	K.IRKKFSRC	0.996594	1	TRUE	1
chrV	20480761	20485354	ReverseStr	R.GAQHVEI	1	9	TRUE	6
chrIV	8261131	8266441	NovelExon	_.FDSDDVT	0.999956	2	TRUE	2
chrI	6789095	6789739	ReverseStr	K.YLGAYLL	1	11	TRUE	5
chrI	6814529	6834698	NovelExon	K.QEVLEM	0.998623	1	TRUE	1
chrIII	8853723	8861021	NovelExon	R.NGDSQV	1	1	TRUE	1
chrI	5079913	5082284	ReverseStr	K.FQITNFEI	0.999979	2	TRUE	2
chrI	1053924	1066904	ReverseStr	R.IACISLEKI	0.999997	2	TRUE	2
chrIII	235843	253375	NovelExon	R.EIRRKMA	0.996717	1	TRUE	1
chrIII	9393897	9404448	FrameShift	K.DEMMTV	0.995039	1	TRUE	1
chrI	2878580	2880938	GeneBounc	F.RAPHELQ	0.999987	2	FALSE	2
chrV	1276416	1285700	FrameShift	R.KLRNSGS	0.995287	1	TRUE	1
chrV	19136480	19139021	NovelExon	K.NSKKEDA	0.995151	1	TRUE	1
chrI	8377596	8392747	NovelExon	_.KDSVEAE	0.995327	1	TRUE	1
chrI	8601352	8602028	ExonBounc	R.YKFRLFFS	0.9981	1	TRUE	1
chrII	6674234	6679329	GeneBounc	R.FSYVGC	1	7	FALSE	6
chrIII	11343184	11344137	GeneBounc	_.KSPIFPPK	0.999979	2	FALSE	2

chrV	2100061	2103217	FrameShift	K.VLAGCSP	0.997393	1	TRUE	1
chrIV	7213202	7217968	ExonBounc	K.DAGGNH	0.999794	1	TRUE	1
chrI	14512651	14518707	NovelExon	K.NFKKNPII	0.995974	1	TRUE	1
chrV	899313	903580	NovelExon	K.PQAKPNF	0.995486	1	TRUE	1
chrV	15512161	15512755	FrameShift	_.VEVAGAF	0.999994	2	TRUE	2
chrIV	4443125	4445834	ReverseStr:	_.IVIDEQEC	1	6	TRUE	3
chrI	5620780	5623053	FrameShift	K.IKPMFSD	0.995448	1	TRUE	1
chrIII	6870282	6871071	GeneBounc	R.RRGNRKE	0.999927	2	FALSE	2
chrX	1509233	1509787	NovelGene	_.FPKPEPK.	0.999989	2	FALSE	2
chrV	12065941	12067938	ReverseStr:	S.MNDMKI	0.999986	2	FALSE	2
chrV	18948540	18950930	NovelGene	R.DTEMKH	0.999957	2	FALSE	2
chrX	9512762	9516378	FrameShift	K.LHDSGLC	0.999487	1	TRUE	1
chrIV	8492529	8494474	GeneBounc	K.KGEQDF/	0.999993	2	FALSE	2
chrI	2018980	2021016	NovelGene	K.RPKKGDL	1	2	FALSE	2
chrIII	1419194	1419906	GeneBounc	_.NLEKKIGI	1	9	FALSE	3
chrI	2057818	2059972	NovelGene	R.QWQQDI	1	3	FALSE	3
chrV	16023331	16024175	FrameShift	_.SSRINTRF	0.9945	1	TRUE	1
chrII	2136559	2137305	FrameShift	R.ENSKFYFI	0.998243	1	TRUE	1
chrV	20667203	20678509	ExonBounc	K.KNEKXXX	0.994527	1	TRUE	1
chrV	20580965	20590309	NovelExon	K.QIFFADA	0.996353	1	TRUE	1
chrII	13396016	13401945	NovelExon	K.MFGFWK	0.995837	1	TRUE	1
chrX	42875	47060	FrameShift	K.SRRSKKPI	0.998619	1	TRUE	1
chrX	8272022	8273851	NovelGene	R.KIGVQAN	1	3	FALSE	3
chrX	5101001	5106142	NovelExon	R.SYLLKNEE	0.998985	1	TRUE	1
chrX	10822393	10838585	NovelExon	K.PVYPIFLY	0.998714	1	TRUE	1
chrV	19607481	19608380	GeneBounc	M.YVKNNII	1	3	FALSE	3
chrV	20479658	20480815	FrameShift	K.VVQSVNF	0.999575	2	TRUE	1
chrIII	7035372	7045665	NovelExon	K.WSLIECV	0.996097	1	TRUE	1
chrII	9324815	9329605	GeneBounc	R.AISIASSR.	1	7	FALSE	7
chrIV	4595950	4596727	ReverseStr:	K.NNSKNLT	0.999963	2	FALSE	2
chrX	4588741	4590420	FrameShift	R.PSIHIYPSI	1	1	TRUE	1
chrIII	7223291	7226862	NovelExon	K.STVPGLD	0.999597	1	TRUE	1
chrIII	2636464	2640277	NovelExon	_.VNGEVPK	0.996833	1	TRUE	1
chrII	5116024	5118267	NovelExon	K.AKSVETSI	0.996552	1	TRUE	1
chrII	3150143	3152578	FrameShift	_.MKNTYFI	0.99522	1	TRUE	1
chrIV	1545299	1566194	ReverseStr:	R.RRRVGR/	0.999998	2	TRUE	2
chrV	13813295	13815258	FrameShift	R.ARKMIAF	0.994558	1	TRUE	1
chrV	14930517	14932183	NovelGene	H.QENGFS\	0.999985	2	FALSE	2
chrII	14155693	14165954	NovelExon	K.SSKNVEV	0.998491	1	TRUE	1
chrI	7472607	7476942	ReverseStr:	Y.SRPIGKIL	0.999971	3	FALSE	2
chrIII	4618842	4643271	FrameShift	R.YPATWR	0.994538	1	TRUE	1
chrII	8482321	8483821	NovelExon	K.CIFLELME	0.996681	1	TRUE	1
chrIII	11334741	11342145	NovelExon	_.KSPIFPPK	0.996726	1	TRUE	1
chrV	4975480	4977485	FrameShift	R.VSSGFAK	0.995731	1	TRUE	1
chrIII	13642318	13643475	GeneBounc	R.LSGTVPII	0.999979	2	FALSE	2
chrX	5255162	5256826	FrameShift	K.WTADM	0.999744	1	TRUE	1
chrX	2599400	2606724	ReverseStr:	K.KYNFCNK	0.999978	2	TRUE	2

chrIII	13395605	13400505	FrameShift	R.FTYRSTCI	0.994127	1	TRUE	1
chrII	5036549	5040091	ReverseStr	K.IIIFGAVLk	0.999944	2	FALSE	2
chrV	103399	104064	ReverseStr	K.MAPAVK	1	4	TRUE	4
chrI	1862614	1872308	ReverseStr	R.RKSLFNG	0.99997	2	FALSE	2
chrV	11081034	11082479	GeneBounc	_.KKRENGK	1	8	FALSE	7
chrX	10104553	10125424	ReverseStr	K.TIEHEDSI	0.999984	2	TRUE	2
chrX	9858307	9861677	ReverseStr	F.TEMPLGC	0.999999	2	FALSE	2
chrX	15726061	15731957	ReverseStr	_.IYVVSTFS	0.999976	2	TRUE	2
chrX	6672792	6674374	FrameShift	R.EQLDQGI	0.997105	1	TRUE	1
chrII	8464797	8467028	FrameShift	K.SSLTSTSS	0.99872	1	TRUE	1
chrII	4351189	4353163	ReverseStr	_.FNIFQIIIF	0.999995	2	TRUE	2
chrX	12725370	12727581	FrameShift	R.MSAEASF	0.998199	1	TRUE	1
chrX	14002950	14012526	ReverseStr	_.LHLLDFV(	0.999995	2	TRUE	2
chrIII	7969271	7970221	FrameShift	_.FISVQFHf	0.99855	1	TRUE	1
chrX	344127	346289	ExonBounc	_.MQNNKL	0.998524	1	TRUE	1
chrIV	7237717	7239885	GeneBounc	R.MPSSSSS	0.999993	2	FALSE	2
chrIII	5564985	5567344	FrameShift	A.QTHPLAL	1	1	TRUE	1
chrV	19273000	19273935	NovelGene	R.CYRYIIVS	0.999974	2	FALSE	2
chrII	480465	484393	FrameShift	G.ESSRFLT(	0.997549	1	TRUE	1
chrIV	7821660	7822688	ReverseStr	K.KCINNNII	1	7	TRUE	6
chrIII	11804447	11806695	NovelExon	K.CIRLRNFC	0.997943	1	TRUE	1
chrV	19195299	19198894	NovelExon	K.MQFFRLk	0.997415	1	TRUE	1
chrIII	5708147	5709284	ReverseStr	L.VMDVHR	1	9	TRUE	3
chrII	10192470	10193361	FrameShift	R.ELYVSQT:	0.994558	1	TRUE	1
chrI	2883498	2893720	ReverseStr	K.KIGGAGII	1	3	TRUE	3
chrIV	11465464	11467217	GeneBounc	_.FRFGDCR	0.999948	2	FALSE	2
chrI	6141471	6144388	FrameShift	_.KLLYAYSk	0.997796	1	TRUE	1
chrV	10904040	10906755	NovelExon	K.KWLGRM	0.999937	2	TRUE	2
chrV	18318567	18319748	ReverseStr	_.SRPGPHC	1	3	TRUE	3
chrI	7218784	7221346	FrameShift	K.CAVTSRL	0.99508	1	TRUE	1
chrI	3794556	3798056	ReverseStr	K.TKRNGLR	0.999954	2	FALSE	2
chrIII	6149930	6154881	NovelExon	K.SSDDRKR	0.995464	1	TRUE	1
chrII	12433352	12435782	ReverseStr	K.SRGGYDL	0.999943	2	TRUE	2
chrIV	9529970	9531210	GeneBounc	R.LVTVSEG	0.999937	2	FALSE	2
chrI	5402898	5408462	ReverseStr	K.CVRMLD	0.999976	2	TRUE	2
chrIII	6972155	6973667	GeneBounc	_.LEMRNRf	1	139	FALSE	23
chrX	4885921	4889547	FrameShift	K.GFSLPNE	0.995937	1	TRUE	1
chrIII	10189127	10195308	ExonBounc	R.IDALGDD	0.999275	1	TRUE	1
chrIV	7213202	7217968	GeneBounc	K.MWMNV	1	3	FALSE	3
chrIII	5228378	5230505	FrameShift	_.IYVPADD	1	4	TRUE	4
chrII	11100914	11103699	ReverseStr	K.KWGGDE	1	8	FALSE	4
chrIV	9805654	9806098	GeneBounc	K.NEELVTT	1	3	FALSE	3
chrIII	8080547	8083630	FrameShift	R.ENGNVSc	0.998867	1	TRUE	1
chrV	8215545	8217683	ReverseStr	V.FNEIMSY	0.999977	2	TRUE	2
chrIII	6118681	6124015	GeneBounc	R.HYLLNLPI	0.99999	2	FALSE	2
chrII	7936541	7938532	ReverseStr	R.FMVVLKf	0.99999	2	FALSE	2
chrV	6268387	6270464	NovelExon	R.MASKLFL	0.994999	1	TRUE	1

chrV	17879818	17888958	NovelExon	K.FQFRQFA	0.997041	1	TRUE	1
chrI	5776157	5788612	GeneBound	K.QKKMLQ	0.999986	2	FALSE	2
chrII	6835038	6847865	NovelExon	_.LNSFLSSY	0.999559	1	TRUE	1
chrII	13064816	13070903	ReverseStr	_.VTEKVLK	0.999997	2	FALSE	2
chrIII	10821733	10822267	NovelGene	R.YPVSMRC	0.999986	2	FALSE	2
chrX	3763041	3764379	NovelExon	K.NVIAPMC	0.994346	1	TRUE	1
chrV	13727748	13730763	NovelExon	K.TFGTIVYT	0.996943	1	TRUE	1
chrV	12021174	12023830	GeneBound	R.LYQDGLA	1	2	FALSE	2
chrI	2915178	2918808	FrameShift	R.WGDHGF	0.999956	2	TRUE	2
chrIV	13091160	13093820	NovelExon	K.KIAKEWK	0.998992	1	TRUE	1
chrIV	1854315	1880591	NovelExon	R.AEPLVLS/	0.999606	1	TRUE	1
chrI	10033532	10034813	ReverseStr	K.LQNFTES	1	3	TRUE	3
chrIV	11463515	11465204	ExonBound	K.IVISKHIF	0.994556	1	TRUE	1
chrIV	2887050	2891441	Translated	W.AVTDGC	1	3	TRUE	3
chrV	11291170	11292551	ReverseStr	K.KMENLDI	1	4	TRUE	3
chrX	4008036	4016123	GeneBound	K.MKWTKK	0.999995	2	FALSE	2
chrI	5044204	5045723	NovelExon	R.GQQKFF	0.996985	1	TRUE	1
chrIII	5385578	5404946	FrameShift	L.LNESRDG	0.998341	1	TRUE	1
chrIII	1605738	1606821	GeneBound	K.SEIPRKIA	0.999922	2	FALSE	2
chrIV	5947024	5947595	ReverseStr	_.KDPKGGF	0.999997	8	TRUE	2
chrV	11760653	11761876	GeneBound	_.SITPSPLK	0.999961	3	FALSE	2
chrX	16817353	16818277	ReverseStr	R.SRAAASR	0.999916	2	FALSE	2
chrII	13448765	13460572	ReverseStr	L.QMALQEI	1	3	TRUE	3
chrII	5336222	5340801	ReverseStr	K.SFVCMCK	0.999926	2	FALSE	2
chrIV	5850828	5859965	NovelExon	K.RRSPSCQ	0.998436	1	TRUE	1
chrI	13840694	13841834	GeneBound	K.KIFWRTS	0.999982	2	FALSE	2
chrIV	11592199	11592835	ReverseStr	K.KSYSLKT	0.999964	2	TRUE	2
chrI	9647594	9649209	GeneBound	K.KRKTDRK	1	2	FALSE	2
chrII	7105521	7106274	FrameShift	_.KNICAIPK	0.99653	1	TRUE	1
chrX	3403457	3408591	ExonBound	R.EIKKQHT	0.994242	1	TRUE	1
chrII	1581201	1582447	GeneBound	K.KKTVIRW	1	3	FALSE	3
chrIII	4568981	4571803	FrameShift	R.LLHAFFEI	0.99854	1	TRUE	1
chrIV	5584651	5610342	NovelExon	_.NLFSVVS	0.996596	1	TRUE	1
chrX	10537044	10542361	ExonBound	_.LRFKDNC	0.997391	1	TRUE	1
chrIV	14914353	14916605	NovelGene	K.VFHETIIF	0.99998	2	FALSE	2
chrIII	3345910	3363419	NovelExon	F.RNETPLL	0.99435	1	TRUE	1
chrX	5174338	5177475	NovelExon	V.MQLGAN	0.997721	1	TRUE	1
chrIV	1567896	1595823	NovelExon	R.ILEIGSGG	1	1	TRUE	1
chrV	17954095	17966899	ReverseStr	R.KFKKISIF	1	4	TRUE	4
chrIV	8226327	8236588	FrameShift	_.KSFFFNS	0.994309	1	TRUE	1
chrIII	10530478	10532604	GeneBound	R.SQVDDVI	0.999963	2	FALSE	2
chrIV	4610568	4624110	ReverseStr	R.GFRVEDK	1	3	FALSE	3
chrX	5528177	5538481	FrameShift	K.LEMEME	0.99799	1	TRUE	1
chrV	19534885	19544048	ReverseStr	K.HCSNKKM	0.999979	2	TRUE	2
chrIII	3006842	3028694	NovelExon	R.KKSDFETI	0.995799	1	TRUE	1
chrX	4320839	4326325	NovelExon	K.NYHKFGM	0.995764	1	TRUE	1
chrII	11885525	11886284	FrameShift	_.WPYGAP	0.996372	1	TRUE	1

chrII	7012753	7022467	NovelExon	K.INLKVNSI	0.99744	1	TRUE	1
chrI	10298206	10300578	GeneBounc	K.YVTENVA	0.999973	2	FALSE	2
chrI	9149710	9153068	FrameShift	R.TKNTHRA	0.997327	1	TRUE	1
chrII	10278672	10280399	NovelExon	R.LVNDFV	0.997498	1	TRUE	1
chrV	4801085	4802612	ExonBounc	_.QWKVKN	0.998639	1	TRUE	1
chrIV	16720682	16722703	NovelExon	R.ATVLPWS	0.995793	1	TRUE	1
chrV	10764346	10768434	FrameShift	R.SLSRLEIR	0.997567	1	TRUE	1
chrIII	10902549	10908828	NovelExon	K.TGGSNRK	0.994017	1	TRUE	1
chrIV	3032764	3050100	NovelExon	K.ATNFRFP	0.99973	1	TRUE	1
chrX	14307793	14311613	NovelExon	K.ILYKIKTC	0.999981	2	TRUE	2
chrIV	1094550	1096558	ReverseStr	R.IFNFPGF	0.99998	2	TRUE	2
chrII	8038219	8039545	ExonBounc	R.GFGVDGI	0.999843	1	TRUE	1
chrX	14333499	14340411	FrameShift	R.LYRNTSK	1	1	TRUE	1
chrI	3059253	3069395	NovelExon	R.KNEKTKK	0.998351	1	TRUE	1
chrII	12536439	12538535	FrameShift	R.TCSKRALI	0.996964	1	TRUE	1
chrX	4110409	4111443	ReverseStr	R.VIIKCGEV	0.999948	2	FALSE	2
chrX	12603554	12603992	GeneBounc	_.DGSERW	1	3	FALSE	3
chrII	3209660	3210847	GeneBounc	K.PADCGA	0.999908	2	FALSE	2
chrII	12726889	12736805	ExonBounc	K.FSNFQRA	0.997613	1	TRUE	1
chrII	8725483	8729727	NovelExon	K.NYQQCR	0.998421	1	TRUE	1
chrIII	13319164	13321791	ReverseStr	K.TSKLSSC	0.99993	2	TRUE	2
chrI	13629216	13633485	ExonBounc	L.GVFFSDP	0.995248	1	TRUE	1
chrX	10605769	10624122	ReverseStr	K.FAGCALG	0.999947	2	TRUE	2
chrV	1826631	1830029	NovelExon	K.KLAPPLY	0.996507	1	TRUE	1
chrX	10154764	10156797	GeneBounc	_.RHNDFG	0.999997	2	FALSE	2
chrX	17459086	17460693	ReverseStr	R.YIIFEKFL	0.999979	2	TRUE	2
chrI	13560517	13563454	ReverseStr	R.RSETEAC	1	4	TRUE	4
chrIV	12124930	12126766	FrameShift	R.NNRSV	0.997602	1	TRUE	1
chrV	10925315	10926777	GeneBounc	K.ISSVLSST	0.999976	2	FALSE	2
chrX	5101001	5106142	FrameShift	_.NQGVLP	0.998639	1	TRUE	1
chrIV	14950679	14954183	GeneBounc	_.RLSWNLF	0.999998	2	FALSE	2
chrX	545483	551368	NovelExon	K.IESFEKLP	0.998305	1	TRUE	1
chrIV	9082348	9087551	NovelExon	K.KNNTKLV	0.997313	1	TRUE	1
chrV	16024355	16027433	GeneBounc	_.FIFSVVVF	1	3	FALSE	3
chrIII	5228378	5230505	ReverseStr	R.LDRPMS	0.999999	2	FALSE	2
chrI	1446668	1465342	NovelExon	K.KNLELFL	0.997596	1	TRUE	1
chrI	8019707	8022710	GeneBounc	R.ESNDASK	0.999981	2	FALSE	2
chrII	8423900	8429012	FrameShift	K.IFSVEICL	0.996786	1	TRUE	1
chrIV	426168	427205	FrameShift	Q.DKEQVG	1	1	TRUE	1
chrV	13002327	13006973	GeneBounc	W.KNNTNC	0.99997	2	FALSE	2
chrIV	5567043	5574100	NovelExon	K.LYSETEN	0.999472	1	TRUE	1
chrV	20559049	20561864	ReverseStr	R.NFELSW	1	2	FALSE	2
chrIV	10146205	10146986	ReverseStr	R.ALESSRR	0.999981	2	FALSE	2
chrIII	4804876	4808676	ReverseStr	R.KVINIYI	1	3	TRUE	3
chrIII	8310935	8312515	FrameShift	R.EKPVVER	0.994845	1	TRUE	1
chrIII	13351292	13356266	GeneBounc	R.INSEGTP	1	4	FALSE	4
chrII	2717527	2725546	NovelExon	K.NNQNNY	0.994867	1	TRUE	1

chrV	11802086	11811993	ReverseStr: K.MEKALDI	0.999988	2	TRUE	2
chrI	11680495	11682355	ExonBounc K.YTINCRVI	0.997186	1	TRUE	1
chrV	3992640	3994165	ReverseStr: K.FQLLIISVI	0.999958	3	FALSE	2
chrIII	4734422	4736050	FrameShift K.NLESKCV	0.996518	1	TRUE	1
chrIV	8261131	8266441	NovelExon _ .DMDYAFI	0.999932	1	TRUE	1
chrV	16852269	16854031	NovelExon K.ATRQERT	0.994163	1	TRUE	1
chrX	16887218	16887878	ReverseStr: K.ISNENSE	0.999996	3	FALSE	2
chrV	15400310	15401803	NovelExon G.SIRRITVN	0.998531	1	TRUE	1
chrIII	9705538	9710184	ExonBounc R.FQANPQI	1	1	TRUE	1
chrII	13729646	13731469	NovelExon K.QLKTRPK	0.995523	1	TRUE	1
chrV	5839133	5845704	ReverseStr: R.PHPHSA	0.999991	2	TRUE	2
chrX	7823603	7825698	ExonBounc K.NMITGTS	1	3	TRUE	3
chrIV	15956539	15962680	ReverseStr: K.CGKFTQK	1	2	FALSE	2
chrIII	9529082	9531807	ReverseStr: _ .KVVLTEG	0.999993	2	FALSE	2
chrIV	11089941	11091814	NovelExon R.FCLAGDL	0.99551	1	TRUE	1
chrII	10507209	10509872	FrameShift R.GITEKNIE	0.994314	1	TRUE	1
chrX	15209222	15213190	NovelExon K.VVENFLT	0.995708	1	TRUE	1
chrIV	14798117	14799278	GeneBounc K.KTSTSRA	0.999994	2	FALSE	2
chrIV	2596332	2596836	GeneBounc L.MQQNAS	1	3	FALSE	3
chrIV	13777841	13779062	FrameShift R.ILAAGGE	0.999023	1	TRUE	1
chrV	4890415	4891408	FrameShift N.NAVDGE	0.999796	1	TRUE	1
chrX	4972529	4997567	NovelExon K.LKAAAKF	0.994219	1	TRUE	1
chrIV	4390846	4393449	GeneBounc K.GASVVV	1	2	FALSE	2
chrIII	4952086	4955085	ReverseStr: _ .IGQKSKN	0.999979	2	FALSE	2
chrI	10179835	10183987	NovelExon R.TYGAAPC	0.996386	1	TRUE	1
chrI	2718028	2721479	ReverseStr: R.EDVGEKA	0.999997	3	TRUE	2
chrI	1329290	1330330	NovelGene K.MNNLDL	0.99996	2	FALSE	2
chrI	1155346	1156023	ReverseStr: R.INPYMSS	1	5	FALSE	5
chrI	700277	715853	ReverseStr: K.KHIYTYNI	0.999956	2	FALSE	2
chrV	10261105	10270289	ReverseStr: K.ETKRRKG	1	5	TRUE	5
chrII	3816963	3818240	FrameShift R.RSKFYEN	0.99744	1	TRUE	1
chrX	8017972	8025841	ReverseStr: K.SDAAPAK	0.999997	2	TRUE	2
chrII	10544150	10554984	ReverseStr: K.KVCGDD	1	3	FALSE	3
chrV	2074274	2074517	NovelGene K.RPGQSN	0.999996	2	FALSE	2
chrV	13749172	13751908	FrameShift _ .LISLICKFL	0.997265	1	TRUE	1
chrI	3694302	3697554	ReverseStr: K.IYLQMSIS	0.999996	2	TRUE	2
chrII	1455425	1455497	NovelGene S.LMSLMSL	0.999991	2	FALSE	2
chrIII	4479553	4481141	NovelGene K.HMKFLYI	0.999969	2	FALSE	2
chrII	3347577	3349873	GeneBounc R.SLEFEFLS	0.999963	2	FALSE	2
chrV	6259390	6260766	FrameShift _ .FLNFSTN	0.996866	1	TRUE	1
chrIII	13342583	13343236	GeneBounc R.CTPSTPSF	1	4	FALSE	4
chrII	1724661	1727112	FrameShift R.LLLFSVCR	0.995378	1	TRUE	1
chrIV	17470473	17471988	ReverseStr: _ .ICRRIYVC	0.999969	2	TRUE	2
chrIII	9757536	9762058	ReverseStr: R.SSYLPLHF	1	3	TRUE	3
chrV	20281360	20289386	NovelExon _ .KKSCLIQK	0.997325	1	TRUE	1
chrII	12535696	12542505	NovelExon R.TCSKRALI	0.996964	1	TRUE	1
chrI	3653961	3655332	FrameShift E.LMENQV	0.994625	1	TRUE	1

chrIV	9935046	9945754	ReverseStr: R.EKEKENV	1	5	TRUE	5
chrI	700277	715853	ReverseStr: R.NLALEGG	0.999993	4	FALSE	2
chrII	1830638	1831795	ExonBound K.SILLNSFV	0.998535	1	TRUE	1
chrIV	2945560	2947359	NovelGene K.TFQNNSE	0.999999	2	FALSE	2
chrIII	12880940	12891637	NovelExon _YFSTNFN	0.999577	1	TRUE	1
chrI	10823347	10828443	FrameShift K.MKMRRM	0.999992	2	TRUE	2
chrII	10394069	10395288	FrameShift G.EVINDNF	0.99861	1	TRUE	1
chrIV	950277	951384	NovelGene K.ILYRKADI	0.999963	3	FALSE	2
chrIII	3965147	3976377	ReverseStr: K.REGGNK\	0.99999	2	TRUE	2
chrIV	4294870	4295678	GeneBound K.KISSIANV	0.999985	2	FALSE	2
chrII	2131085	2132480	FrameShift _NNYQYG\	0.997658	1	TRUE	1
chrIII	13343723	13344515	GeneBound R.RYALGFS	1	3	FALSE	3
chrI	12020749	12028304	FrameShift K.LLMSWIL	0.99778	1	TRUE	1
chrV	11076719	11078150	ReverseStr: _ITALAPSS	1	30	TRUE	20
chrIII	11608070	11611048	GeneBound K.KSSKSSKT	1	4	FALSE	4
chrX	8639410	8643220	NovelExon K.NSKYRNK	0.998257	1	TRUE	1
chrI	1193161	1207868	FrameShift _DGKSIFR	0.996086	1	TRUE	1
chrII	10030699	10033156	FrameShift S.WEDVTM	0.998327	1	TRUE	1
chrI	2255925	2272868	ReverseStr: K.LGMSQT/	0.99999	2	TRUE	2
chrIII	587241	598114	NovelExon R.MVLFLILL	0.995423	1	TRUE	1
chrIII	542064	546532	NovelExon R.KFPKPAT	0.997421	1	TRUE	1
chrX	5101001	5106142	FrameShift R.TFDDVLY	1	10	TRUE	8
chrX	15568853	15572953	FrameShift L.SESESQEE	0.998078	1	TRUE	1
chrV	894912	899152	FrameShift K.SRKFPLN'	0.994268	1	TRUE	1
chrII	6845319	6847865	GeneBound R.RSSSLFFL	0.999997	2	FALSE	2
chrII	3902862	3904868	FrameShift K.YRCKRRV	0.997038	1	TRUE	1
chrI	10298206	10300578	FrameShift _AESLSYG/	0.996695	1	TRUE	1
chrV	9670008	9673547	ReverseStr: R.DIIISLYIR'	0.999973	2	TRUE	2
chrIV	858930	874529	FrameShift _QVAITQI'	0.998642	1	TRUE	1
chrX	16340821	16345951	ReverseStr: _LLLDDAG	0.999966	2	TRUE	2
chrII	12457511	12459446	FrameShift K.PRDNLLD	0.996219	1	TRUE	1
chrIV	14846353	14847063	FrameShift K.SLNSTSLM	0.996608	1	TRUE	1
chrX	2385758	2392688	GeneBound R.ESINSIISP	0.999993	2	FALSE	2
chrX	8661224	8671701	FrameShift K.YRSVVPSP	0.997274	1	TRUE	1
chrII	11614572	11633545	ReverseStr: K.NQPCRVI	0.999988	2	TRUE	2
chrIII	12818357	12820151	ReverseStr: R.KRLIFGYF	0.999976	2	FALSE	2
chrIV	12653466	12674858	FrameShift R.RISEELICI	0.994597	1	TRUE	1
chrV	10648757	10651800	NovelExon K.TTEFPIAE	0.994079	1	TRUE	1
chrI	4911804	4914050	ReverseStr: K.KMCEIVC	0.999983	2	TRUE	2
chrV	3691954	3701755	NovelExon R.ALISFKKS	0.996058	1	TRUE	1
chrIII	11210826	11212745	NovelGene F.SKNLFSN'	1	2	FALSE	2
chrIII	10711732	10716092	FrameShift K.IIFRILNSM	0.995962	1	TRUE	1
chrIV	13108116	13109775	ReverseStr: K.KFISKIEP'	0.999995	2	FALSE	2
chrI	10720815	10723580	FrameShift R.VVITSSDC	0.996426	1	TRUE	1
chrV	14443342	14445325	NovelExon R.KSRKNFT	0.994673	1	TRUE	1
chrX	1534415	1534939	ReverseStr: K.MIKIPAIV	0.999999	3	TRUE	3
chrV	3684649	3685754	ReverseStr: K.KYVESRD	0.999937	2	FALSE	2

chrX	12705553	12808179	NovelExon	_.WEKCFSP	0.996417	1	TRUE	1
chrIII	13091011	13093558	GeneBound	R.KFLKMKI	0.999996	2	FALSE	2
chrI	10588921	10590455	GeneBound	K.LQIFETPF	0.999975	2	FALSE	2
chrIV	4390846	4393449	FrameShift	R.FSEVYRN	0.994989	1	TRUE	1
chrIII	8962218	8965613	FrameShift	R.RMRWRF	0.999949	2	TRUE	2
chrII	11918276	11933136	Translated	K.KKCETTS	0.999996	2	TRUE	2
chrII	1339693	1350143	NovelExon	_.NLVYNSK	0.997799	1	TRUE	1
chrIV	6900315	6903613	ReverseStr	R.HKMPLFI	0.999976	2	TRUE	2
chrIII	3493798	3499044	NovelExon	R.KKNPSKS	0.99698	1	TRUE	1
chrX	12601939	12602317	NovelGene	_.KPKFSDTI	0.999983	2	FALSE	2
chrV	16789308	16792750	NovelExon	R.GVHDWF	0.998152	1	TRUE	1
chrII	3341298	3342119	GeneBound	R.SLEFEFLS	1	4	FALSE	4
chrII	10657966	10658567	ExonBound	E.LFQIIVM	0.995764	1	TRUE	1
chrV	3695959	3701755	GeneBound	K.IGNLAEIF	0.999987	2	FALSE	2
chrX	12913244	12920061	ReverseStr	K.MRACNT	0.999962	2	FALSE	2
chrI	2515562	2516135	NovelGene	R.VFQDHF	0.999987	2	FALSE	2
chrV	12320168	12332098	NovelExon	_.ECQEGYE	0.995539	1	TRUE	1
chrIII	5668496	5676687	NovelExon	K.IKMTENL	0.996346	1	TRUE	1
chrX	9861592	9862897	FrameShift	R.RMFSQLM	0.994821	1	TRUE	1
chrIII	5448799	5449829	ReverseStr	F.FPVFSIRE	0.999976	2	TRUE	2
chrV	15512748	15522002	ReverseStr	R.AEKRFDL	1	3	FALSE	3
chrX	7783136	7787884	FrameShift	K.TRWAGIV	1	1	TRUE	1
chrIV	12387668	12389889	FrameShift	R.KEEIKSFE	0.998832	1	TRUE	1
chrII	5378825	5379619	FrameShift	_.PQFKTQA	0.997526	2	TRUE	1
chrI	1223959	1229284	ReverseStr	R.SFKIPKIH	1	5	TRUE	5
chrV	6573966	6575780	ReverseStr	R.QTSEFKD	1	4	TRUE	3
chrI	10026633	10030049	NovelExon	K.KTIFPKKK	0.99809	1	TRUE	1
chrI	10432812	10435812	ExonBound	Y.VVQVAID	1	1	TRUE	1
chrI	1193161	1207868	GeneBound	K.AAQDRE	0.999956	2	FALSE	2
chrX	15929884	15939254	FrameShift	G.CSWRNG	0.994849	1	TRUE	1
chrI	9506545	9511177	FrameShift	R.MKHCPPI	0.998331	1	TRUE	1
chrII	4405864	4416686	GeneBound	_.SKKNVKN	0.999984	2	FALSE	2
chrX	15801242	15804104	ReverseStr	_.LLKLFDC	0.999946	2	FALSE	2
chrII	6955364	6965645	GeneBound	K.FSGSSSAI	1	2	FALSE	2
chrII	9595164	9596539	GeneBound	K.IMKRNK	1	3	FALSE	3
chrII	9746659	9749913	NovelExon	K.ISQKNTI	0.994171	1	TRUE	1
chrIV	6531739	6535666	NovelExon	P.KLQICKQ	0.996971	1	TRUE	1
chrIII	3070515	3083699	GeneBound	R.TRWKTW	1	2	FALSE	2
chrIV	1386162	1399352	ReverseStr	_.DMSYQSI	0.999944	2	TRUE	2
chrIII	8965967	8967650	ReverseStr	_.NYLDAHK	1	4	TRUE	4
chrIV	3755775	3759932	NovelExon	_.FGLIGAG	0.996815	1	TRUE	1
chrIII	5607466	5610304	ReverseStr	K.ISCSHQK	0.999933	2	TRUE	2
chrIV	17271056	17272147	GeneBound	K.PGYIRISN	0.999934	2	FALSE	2
chrIII	13188008	13204793	NovelExon	K.TRFFVEIL	0.998254	1	TRUE	1
chrX	5474002	5477293	NovelGene	K.CVILKEKII	1	3	FALSE	3
chrV	18592729	18613916	FrameShift	K.KAPTPTTI	0.9972	1	TRUE	1
chrII	14924347	14952867	FrameShift	R.SFHTATT	0.997225	1	TRUE	1

chrX	15168652	15173551	FrameShift	R.KTCADFT	0.997376	1	TRUE	1
chrIV	17040878	17041488	FrameShift	_.KDRKEHS	0.999758	1	TRUE	1
chrIII	6124110	6136224	ReverseStr	K.KNGKYVS	0.99999	2	TRUE	2
chrV	16850372	16852057	GeneBound	K.ATRQERT	0.999955	2	FALSE	2
chrIV	14826417	14829083	ReverseStr	R.RREDKSD	1	12	FALSE	4
chrII	9331584	9333907	TranslatedI	R.DKNEFIV'	1	4	TRUE	4
chrI	585823	607574	ReverseStr	R.KNGSSAM	1	3	TRUE	3
chrII	7189379	7192466	GeneBound	R.LASTTCPI	0.999955	2	FALSE	2
chrIII	2436095	2442318	FrameShift	_.TWISTKPI	0.996046	1	TRUE	1
chrIV	12425194	12432516	NovelExon	K.RERMTGI	0.996845	1	TRUE	1
chrV	16320777	16327457	NovelExon	K.KTFSTRTH	0.994922	1	TRUE	1
chrII	1127983	1132354	GeneBound	K.SSSGSLSS	1	4	FALSE	4
chrIII	9614407	9615200	FrameShift	R.KGLFRGC	0.994752	1	TRUE	1
chrI	12652608	12654636	FrameShift	R.VVDALGI	0.999821	1	TRUE	1
chrV	3362781	3368318	NovelExon	K.RSQSGIY	0.996477	1	TRUE	1
chrIII	2512638	2528618	ReverseStr	_.IGTEFKFF	0.999998	2	FALSE	2
chrI	14486886	14495243	ReverseStr	K.NFLWKR	0.999993	2	TRUE	2
chrI	14285925	14287065	FrameShift	R.IYNQSMF	0.996261	1	TRUE	1
chrIII	13633885	13635677	NovelGene	K.NFENEM'	1	3	FALSE	3
chrII	386194	387920	NovelExon	K.VRKQFF	0.998195	1	TRUE	1
chrIV	14083779	14084635	ReverseStr	_.IVSKSGTK	0.999997	2	TRUE	2
chrV	3391680	3393291	GeneBound	R.TTLRTHQ	0.999972	2	FALSE	2
chrV	1535224	1537079	ExonBound	K.QYPNVYL	0.994357	1	TRUE	1
chrIV	2264966	2275701	ReverseStr	R.RESSFQ	0.999916	2	TRUE	2
chrIV	461112	481167	NovelExon	K.FQVPRNL	0.995673	1	TRUE	1
chrIV	7150653	7152478	ReverseStr	K.CSTSFYVF	0.999972	2	FALSE	2
chrV	5289809	5291178	NovelGene	K.WRKQWI	0.999991	2	FALSE	2
chrX	10172267	10174098	ReverseStr	R.IIFDDNID	0.99993	2	TRUE	2
chrX	1484791	1485702	ExonBound	K.THTVGKV	0.995349	1	TRUE	1
chrII	11614572	11633545	ReverseStr	_.FKKKTFC	1	2	TRUE	2
chrI	5433910	5443029	ReverseStr	F.SSSVITILS	0.999989	2	TRUE	2
chrIII	10428237	10435886	ExonBound	_.HKNFPDA	0.995289	1	TRUE	1
chrIV	10372645	10374572	ReverseStr	K.QNSVRNI	1	3	FALSE	3
chrII	13402910	13404559	FrameShift	E.ILMDDTV	0.994537	1	TRUE	1
chrI	12859489	12861283	FrameShift	V.LEVEVLG	0.998985	1	TRUE	1
chrIII	5940939	5943791	FrameShift	T.FDLAGKC	1	1	TRUE	1
chrV	7120698	7122476	ReverseStr	K.LRMCLAV	0.999987	3	TRUE	2
chrI	5546426	5561645	NovelExon	S.SFGSLEKS	0.997089	1	TRUE	1
chrV	12704372	12707738	FrameShift	K.CWSKKNI	0.995319	1	TRUE	1
chrIV	86875	90082	NovelExon	K.LGMFRKI	0.996074	1	TRUE	1
chrX	11468435	11484202	NovelExon	K.EPVSMM'	0.998064	1	TRUE	1
chrIV	6762705	6765191	ReverseStr	_.IFFVIICM'	0.999987	2	TRUE	2
chrII	9073678	9079132	NovelGene	K.QSTKMK	1	3	FALSE	3
chrV	16823996	16824143	NovelGene	K.FFRQNEL	0.999998	2	FALSE	2
chrIV	17096371	17099421	TranslatedI	K.ILNFASA/	0.999996	2	TRUE	2
chrIV	208208	217002	GeneBound	_.KQLACSH	1	3	FALSE	2
chrI	2875397	2876326	ReverseStr	K.IMQEKSP	1	12	TRUE	5

chrI	1600626	1601498	FrameShift	R.FEPPFVPI	0.995869	1	TRUE	1
chrIII	13457664	13462137	ReverseStr	R.FSMFSGC	1	4	TRUE	4
chrX	10307813	10312122	NovelExon	K.NKQKKW	0.994984	1	TRUE	1
chrII	14192334	14194470	NovelGene	_.YEVNVKK	0.999958	2	FALSE	2
chrX	13519593	13521467	GeneBound	K.TTEWMY	0.999944	2	FALSE	2
chrII	1307113	1310140	ReverseStr	R.KCHLQAI	1	4	TRUE	3
chrX	1470993	1472885	FrameShift	K.RLKFRCS	0.999685	1	TRUE	1
chrII	15168462	15169784	ReverseStr	R.QNKIVLIV	0.999977	2	TRUE	2
chrII	12189813	12199895	ReverseStr	R.EEGNGLK	0.999987	2	TRUE	2
chrV	13406903	13408172	GeneBound	K.LSKEHFYF	0.999986	2	FALSE	2
chrIV	14003668	14012049	FrameShift	K.TICLKNYF	0.995151	1	TRUE	1
chrV	1852448	1856275	NovelExon	_.PYSNPIIS	0.996675	1	TRUE	1
chrIII	1202540	1207321	NovelExon	K.NAENYNI	0.999214	1	TRUE	1
chrI	10429663	10432327	GeneBound	K.TGDGML	0.999997	2	FALSE	2
chrIV	9649200	9650485	GeneBound	K.MGETKEI	0.99997	2	FALSE	2
chrIV	10177948	10180285	GeneBound	_.LTGTLEGI	1	3	FALSE	3
chrV	3313345	3315513	ReverseStr	R.YWRNLKI	0.999973	2	TRUE	2
chrIV	9607734	9610175	NovelGene	K.WLKMGC	0.999981	2	FALSE	2
chrIV	5831474	5834423	NovelGene	K.EKRCHVK	0.999996	2	FALSE	2
chrI	4780457	4780844	NovelGene	K.IGKLPEIK	0.999992	2	FALSE	2
chrII	187371	189202	FrameShift	R.SFITWED	0.998745	1	TRUE	1
chrV	6762459	6765055	GeneBound	K.KAQKMT	0.999988	3	FALSE	2
chrI	1211495	1254700	NovelExon	K.KNNWKIF	0.994249	1	TRUE	1
chrIII	573981	576437	NovelExon	_.TLWNFFP	0.997656	1	TRUE	1
chrX	5064613	5066337	GeneBound	R.VLQMAK	1	3	FALSE	3
chrX	2111772	2113078	GeneBound	_.FHASYPG	0.999914	2	FALSE	2
chrII	7560877	7561546	GeneBound	K.AVGMGT	1	3	FALSE	3
chrV	20091232	20105658	NovelExon	_.NFEKSIIEI	0.996865	1	TRUE	1
chrIV	11482647	11498145	ReverseStr	K.LPKLDAYI	0.999994	2	TRUE	2
chrIV	11696758	11699867	FrameShift	C.IFLEFEVK	0.995741	1	TRUE	1
chrIII	3789966	3800416	ReverseStr	R.KISRSENI	0.999932	2	TRUE	2
chrV	14325786	14327829	ReverseStr	K.FLLLIWKI	0.999967	2	TRUE	2
chrI	15053116	15058992	NovelExon	K.NGGSRNI	0.998463	1	TRUE	1
chrIV	13052943	13055130	NovelExon	R.NLNEVEII	0.997292	1	TRUE	1
chrX	13653738	13655276	NovelGene	R.ISGSKNLC	0.999951	2	FALSE	2
chrIV	3341467	3341971	GeneBound	R.LIFERSGN	0.999976	2	FALSE	2
chrII	4914489	4925242	ExonBound	F.QKFYSFQ	0.99949	1	TRUE	1
chrII	4227049	4229171	FrameShift	R.QISTCKSS	0.997594	1	TRUE	1
chrI	11515118	11517099	ReverseStr	R.QMDKSA	0.99998	2	TRUE	2
chrIII	9993796	9996146	ReverseStr	_.ALFVNHF	0.999971	3	TRUE	2
chrV	11763120	11764360	ReverseStr	_.NSPLNRL	0.99998	4	TRUE	2
chrI	6009783	6011525	ReverseStr	K.SGEVEGK	0.999992	2	TRUE	2
chrIV	8669129	8677961	FrameShift	_.TRCCKSG	0.998386	1	TRUE	1
chrI	5902116	5904700	FrameShift	G.EFLFKSEI	0.994643	1	TRUE	1
chrIII	13626893	13630707	ReverseStr	C.AFGFFDS	0.99999	3	FALSE	2
chrX	6088993	6092089	ExonBound	K.SQVFSTA	0.999705	1	TRUE	1
chrX	2114537	2118251	NovelExon	R.EGDGEW	0.996098	1	TRUE	1

chrIV	3822078	3822856	NovelGene	R.MSKRLSC	0.999987	2	FALSE	2
chrII	8118182	8122852	FrameShift	R.MFRRPCI	0.996704	1	TRUE	1
chrII	13272564	13304159	NovelExon	K.IGGVQGV	0.997679	1	TRUE	1
chrII	11188147	11189381	GeneBound	F.SMKEIKN	0.999914	2	FALSE	2
chrII	8143829	8144621	FrameShift	_.IKNSHTQ	0.995274	1	TRUE	1
chrIII	5036400	5040366	NovelExon	R.FVVLSC	0.996967	1	TRUE	1
chrV	19660536	19661940	NovelGene	K.KIFSKFFE	0.999976	2	FALSE	2
chrII	3637814	3639287	ReverseStr	R.LLLPTIAC	1	4	FALSE	3
chrX	15746937	15752070	NovelExon	K.RKINGEK	0.994326	1	TRUE	1
chrI	10432812	10435867	NovelExon	Y.VVQVAID	1	1	TRUE	1
chrX	5766447	5770758	ReverseStr	R.FVTFVVG	0.999996	3	TRUE	2
chrV	3408867	3409516	GeneBound	K.ENKSEKF	0.999968	2	FALSE	2
chrX	12106334	12108547	NovelExon	K.PVNIENLI	0.997979	1	TRUE	1
chrI	11224949	11233329	GeneBound	R.KMLWW	0.99994	2	FALSE	2
chrIV	4205968	4218241	Translated	R.SIFSKNTT	0.999956	2	TRUE	2
chrX	12105072	12106013	FrameShift	R.EWTRRSF	0.998772	1	TRUE	1
chrIV	11530590	11541081	ReverseStr	_.IFSKFGQL	0.99996	2	TRUE	2
chrV	3201950	3204221	NovelGene	R.NEEENISI	0.999945	2	FALSE	2
chrIV	3601759	3603373	ReverseStr	R.SWSPSIV	0.999921	2	TRUE	2
chrII	14060664	14062548	FrameShift	K.KQKKAKN	0.996613	1	TRUE	1
chrI	7866353	7872075	Translated	_.GKFDFLSI	1	4	TRUE	4
chrV	11740874	11754181	FrameShift	L.KSLEMMI	0.994179	1	TRUE	1
chrIV	156073	157897	ReverseStr	_.YKWNKLE	0.999932	2	TRUE	2
chrIII	13236243	13237485	NovelGene	R.SRRNGGF	0.999991	2	FALSE	2
chrV	15705040	15709509	FrameShift	_.WKKSTRF	0.996207	1	TRUE	1
chrV	2881391	2883752	GeneBound	R.RSAGGEF	0.999992	2	FALSE	2
chrII	5062121	5067121	FrameShift	K.IDIAFFKIS	0.997038	1	TRUE	1
chrV	18140252	18140659	ReverseStr	R.DPMGRG	0.999946	3	FALSE	2
chrX	5575934	5585137	ReverseStr	E.MIDVLYS	0.999955	2	TRUE	2
chrIV	9770010	9770436	GeneBound	K.TEEQIPLT	1	3	FALSE	3
chrIV	1993089	2008292	NovelExon	R.LQIPCAI	0.995074	1	TRUE	1
chrIV	9108916	9109736	ExonBound	_.SDSSGKV	0.996292	1	TRUE	1
chrII	10612961	10618276	NovelExon	_.IWSAHGI	0.995037	1	TRUE	1
chrV	6490051	6493904	ReverseStr	K.LKKGSPKI	1	3	TRUE	3
chrIV	393151	393529	ReverseStr	_.MDGWV	0.999982	6	FALSE	2
chrIV	3881846	3884677	FrameShift	R.NWKRFSD	0.99594	1	TRUE	1
chrII	14068874	14088817	NovelExon	K.NSNFPLK	0.999946	2	TRUE	2
chrIII	6534414	6536942	FrameShift	_.KLSAPFQ	0.995615	1	TRUE	1
chrIV	4724854	4725305	ExonBound	K.IVGIVGEM	0.998676	1	TRUE	1
chrIII	7650487	7655967	ReverseStr	R.VQKSEAN	0.999994	2	TRUE	2
chrI	5736238	5741625	Translated	_.NTNIYSSF	0.999968	2	TRUE	2
chrIII	7506194	7506955	NovelGene	_.TKVNLNV	0.999951	2	FALSE	2
chrII	12919508	12923304	FrameShift	S.QYPQSAC	0.995788	1	TRUE	1
chrX	3844766	3857778	ReverseStr	K.QIWKCSS	0.99995	2	TRUE	2
chrII	9259336	9261934	ReverseStr	K.FYFVSQK	0.999978	2	TRUE	2
chrIV	11570489	11578689	ReverseStr	R.KMDEND	0.999978	2	TRUE	2
chrIV	12605673	12614700	FrameShift	H.QNMDPFI	0.994882	1	TRUE	1

chrIV	5624844	5627145	NovelExon	R.TLNLTFL	1	1	TRUE	1
chrIII	5853496	5855649	ReverseStr	K.TMQTMF	1	3	TRUE	3
chrV	20520223	20522253	ReverseStr	K.FLSFLLGII	1	3	FALSE	3
chrV	1886530	1887557	NovelGene	K.FQKIFMP	0.999976	2	FALSE	2
chrX	3403457	3408591	FrameShift	R.EIQSEQG	0.999092	1	TRUE	1
chrV	3743563	3749420	NovelExon	K.NFEFFFN	0.996905	1	TRUE	1
chrI	128697	134065	ReverseStr	K.SRFSARYI	0.999956	2	TRUE	2
chrX	2489036	2494330	NovelExon	R.CFELFLKF	0.996071	1	TRUE	1
chrV	9556692	9561619	ReverseStr	K.NSDRSRK	0.999996	2	TRUE	2
chrV	3772044	3774688	NovelExon	K.FPANGKF	0.997272	1	TRUE	1
chrIV	15219654	15220314	ReverseStr	_.SFEKNLKI	0.999993	2	TRUE	2
chrII	634291	637310	NovelExon	_.VNTSTDII	0.994786	1	TRUE	1
chrII	10188251	10189346	ReverseStr	K.WQNQK\	0.999945	2	FALSE	2
chrX	6449999	6450902	GeneBounc	R.NAKIIGNI	0.999999	2	FALSE	2
chrI	5486490	5487153	ReverseStr	P.CLARPQE	1	3	FALSE	3
chrI	7258919	7267077	FrameShift	K.AKTTKGK	0.996724	1	TRUE	1
chrII	12345342	12352395	ReverseStr	K.NKVLGVC	0.999996	2	FALSE	2
chrV	11459562	11461824	GeneBounc	R.VEDYGIQ	0.999997	2	FALSE	2
chrX	3317844	3324216	ReverseStr	R.RNRMRH	1	5	TRUE	3
chrIV	232509	237450	NovelExon	K.NLESLSQI	0.995361	1	TRUE	1
chrX	1604901	1619145	ExonBounc	R.HHAMMI	1	1	TRUE	1
chrX	9991799	9999120	ReverseStr	K.KGEEGTR	0.999996	2	TRUE	2
chrII	2867998	2870763	FrameShift	R.EIGAALFI	0.997117	1	TRUE	1
chrX	8017972	8025841	GeneBounc	_.TDHQTNI	0.999999	3	FALSE	3
chrV	18022451	18042327	NovelExon	S.RKKMFEN	0.994664	1	TRUE	1
chrIV	764072	768584	GeneBounc	R.KKSGAVL	0.999999	2	FALSE	2
chrV	10275377	10275621	ReverseStr	_.KTGRETIC	0.999997	2	TRUE	2
chrV	16764236	16788393	ReverseStr	K.KTTSRPS/	0.999998	2	TRUE	2
chrX	10010503	10011177	NovelGene	K.INLANQG	0.999973	2	FALSE	2
chrI	14552083	14565832	NovelExon	R.KMPEKNI	0.99659	1	TRUE	1
chrX	8110400	8113981	NovelSplice	R.VEKAGQI	0.994166	1	TRUE	1
chrIII	11823348	11824426	FrameShift	R.FAGAAPK	0.995966	1	TRUE	1
chrX	1311603	1316631	NovelExon	R.FKVSMMNI	0.997219	1	TRUE	1
chrII	13272564	13304159	NovelExon	_.YVKKSQII	0.995683	1	TRUE	1
chrI	13778884	13792153	NovelExon	K.FEKLYKDI	0.996221	1	TRUE	1
chrII	6441396	6443889	GeneBounc	K.FFFVITVL	0.999983	2	FALSE	2
chrV	10532873	10536211	ReverseStr	K.KRPRSIIA	0.999951	2	TRUE	2
chrV	8417590	8438438	ReverseStr	R.RSTQLPK	0.999996	2	FALSE	2
chrIII	5254431	5258883	FrameShift	K.FINFSNN	0.994497	1	TRUE	1
chrII	13133191	13134045	NovelGene	K.HKICIVTM	0.999972	2	FALSE	2
chrIII	13346984	13356266	FrameShift	_.MPIFRSV	0.996302	1	TRUE	1
chrV	12386293	12386746	ReverseStr	_.KMWWR	0.999937	2	TRUE	2
chrX	2093469	2094838	GeneBounc	K.MMTVTE	0.999956	2	FALSE	2
chrI	7522112	7526198	ReverseStr	K.IFSKTLGT	0.999983	2	TRUE	2
chrX	12705553	12808179	NovelExon	K.VIGRVKFI	0.995935	1	TRUE	1
chrIV	7119988	7121401	ReverseStr	K.YSNKCPV	0.999951	2	FALSE	2
chrIII	3456465	3460092	GeneBounc	R.SILSEIAK.	0.999911	2	FALSE	2

chrIII	12893101	12893940	NovelGene	_.KPEISKLF	0.999988	2	FALSE	2
chrX	9034499	9038485	ExonBounc	R.LCKVEKM	0.994505	1	TRUE	1
chrV	4499316	4511435	ReverseStr:	K.KHMINVI	0.999984	2	FALSE	2
chrX	9146059	9147498	FrameShift	K.SIIQQTG/	0.999248	1	TRUE	1
chrIV	11946083	11949794	FrameShift	_.INFSFNRS	0.996838	1	TRUE	1
chrI	12819206	12824795	ReverseStr:	R.RFSKATN	0.999938	2	TRUE	2
chrI	10179830	10180473	GeneBounc	K.STLYPNAI	0.999979	2	FALSE	2
chrV	13557291	13559910	GeneBounc	R.EASSLPS\	0.999998	2	FALSE	2
chrIV	9074658	9076556	FrameShift	K.VIYFSDFP	0.995129	1	TRUE	1
chrX	13522779	13527345	ReverseStr:	_.TDLLSMT	0.999944	2	TRUE	2
chrV	15602	16527	NovelGene	K.DGGGGE	0.999997	2	FALSE	2
chrX	1775118	1775587	NovelGene	K.FKRNPQK	0.999928	2	FALSE	2
chrII	4186669	4208502	NovelExon	K.PSLSQVL	0.996455	1	TRUE	1
chrIV	4360828	4386533	GeneBounc	K.GASVVVA	1	4	FALSE	4
chrV	163842	172211	NovelExon	K.MLKKLKS	0.994789	1	TRUE	1
chrX	1986461	1989599	ReverseStr:	R.SADSQGS	0.999992	2	TRUE	2
chrIII	8351177	8355102	FrameShift	R.LNGSIYQI	0.996703	1	TRUE	1
chrI	9132531	9135742	ReverseStr:	R.VYQVLDK	0.999935	2	TRUE	2
chrII	2553967	2556318	GeneBounc	K.ECRLLGTI	0.999988	2	FALSE	2
chrIII	5564985	5566013	GeneBounc	F.LQEQTGY	1	6	FALSE	4
chrX	13708652	13711895	ReverseStr:	R.IICETTQIH	0.999956	2	TRUE	2
chrI	4648270	4650771	FrameShift	R.SSWHSLA	0.998103	1	TRUE	1
chrI	10750949	10776028	ReverseStr:	K.YSSFGYFL	1	4	TRUE	4
chrV	19519895	19533080	FrameShift	K.SEKKPAM	0.996256	1	TRUE	1
chrII	4471401	4473745	FrameShift	K.NKLNSTF	0.998405	1	TRUE	1
chrII	4942101	4943936	ReverseStr:	_.IGGGSSV	0.999998	2	TRUE	2
chrIV	15997633	16026815	ReverseStr:	R.YIGVGGV	0.999921	2	TRUE	2
chrIII	7379077	7381531	ReverseStr:	K.LFPWRCI	0.999969	2	FALSE	2
chrIII	13260490	13262795	GeneBounc	R.NYSPKAS	0.999996	3	FALSE	2
chrV	9849953	9856295	ReverseStr:	K.THMNQL	0.999983	2	FALSE	2
chrV	8035091	8039486	GeneBounc	V.NKWAFE'	0.999983	2	FALSE	2
chrV	11462995	11466743	NovelExon	R.RLRSAGA	0.999607	1	TRUE	1
chrV	6386533	6389717	ReverseStr:	K.IKDLNIYC	0.999961	2	TRUE	2
chrV	7822577	7824279	NovelGene	R.IVYSGFCC	0.999984	2	FALSE	2
chrIV	13111496	13113058	NovelExon	R.YLIKFHSC	0.995074	1	TRUE	1
chrI	6061662	6068034	NovelExon	K.INKMSIM	0.997112	1	TRUE	1
chrV	1184877	1196119	NovelExon	K.IEIFSFSFF	0.998149	1	TRUE	1
chrIV	3263848	3265369	FrameShift	R.SRKYEIPA	1	1	TRUE	1
chrIV	12355687	12360770	GeneBounc	K.NFNRRKE	0.999979	2	FALSE	2
chrX	17230645	17235763	ExonBounc	R.TTFSHLQI	0.997865	1	TRUE	1
chrV	17692476	17695801	FrameShift	R.FPMCISG	0.99738	1	TRUE	1
chrIV	12860113	12865911	ExonBounc	K.AYLFFSEL	0.998219	1	TRUE	1
chrIII	10124093	10132314	TranslatedI	_.VAGIPLHI	0.999994	2	TRUE	2
chrIII	9081751	9082437	FrameShift	_.LSSAVMA	1	5	TRUE	3
chrIII	11060634	11061804	GeneBounc	_.CGGKIFRI	1	3	FALSE	3
chrII	13636913	13638415	ReverseStr:	R.RRRWAT	0.999992	4	TRUE	2
chrIII	9782078	9783135	GeneBounc	R.SRICYWY	0.999992	2	FALSE	2

chrIII	5023285	5024031	ExonBound	_.MLLRRLG	0.994548	1	TRUE	1
chrX	9823702	9831191	NovelExon	R.WFLCLSV	0.99748	1	TRUE	1
chrII	2938147	2940851	ReverseStr	K.KRKKREK	1	5	TRUE	5
chrV	20135941	20138418	NovelExon	N.RKFHVIFI	0.998507	1	TRUE	1
chrII	11759618	11761789	FrameShift	R.WNSRQF	0.999987	2	TRUE	2
chrV	7196897	7198419	GeneBound	K.NSNFGKM	1	4	FALSE	3
chrI	3320923	3330675	ReverseStr	R.PTTTTTA	0.999994	3	TRUE	2
chrIII	7311233	7313102	FrameShift	R.KKGSNTC	0.995528	1	TRUE	1
chrIV	9560770	9566588	ReverseStr	_.PGSQDPK	0.999911	2	TRUE	2
chrIV	5794921	5796751	ReverseStr	R.GHAHETA	1	2	FALSE	2
chrIV	604444	605876	ExonBound	R.ISRQAGY	0.996706	1	TRUE	1
chrI	7814984	7819588	Translated	K.MEILNQC	0.999956	2	TRUE	2
chrX	12321598	12322925	FrameShift	R.QSRCGSF	0.999348	1	TRUE	1
chrV	6235157	6237654	NovelExon	R.GWEALG	0.996936	1	TRUE	1
chrX	15923668	15924679	GeneBound	_.RMENWC	1	3	FALSE	3
chrII	10581074	10582460	GeneBound	K.RIRKMKE	0.999927	2	FALSE	2
chrIV	5609398	5610353	ReverseStr	R.GDAKIIR	0.999963	2	FALSE	2
chrX	17459086	17460693	GeneBound	E.CLVVNLS	1	3	FALSE	3
chrIII	11990067	11999492	NovelExon	R.NLNFPPK	0.999802	1	TRUE	1
chrIV	15951877	15954809	FrameShift	W.SQVTLIT	1	1	TRUE	1
chrIII	5544264	5546247	FrameShift	R.GFMVML	0.999515	1	TRUE	1
chrV	13176697	13180173	ReverseStr	_.KIVFNSHI	0.999935	2	FALSE	2
chrI	6791026	6797471	FrameShift	R.RLLGYLL	0.994861	1	TRUE	1
chrX	4339620	4343676	GeneBound	R.YISSTTSR	0.999963	2	FALSE	2
chrIV	9076486	9078582	ReverseStr	R.ISYQAMA	0.999976	3	TRUE	2
chrIV	9972016	9972631	ReverseStr	K.DKGGKGS	0.999958	2	TRUE	2
chrI	13162488	13182797	NovelExon	K.FETKIHRK	0.998518	1	TRUE	1
chrX	11728084	11728824	GeneBound	R.DKMFFPK	0.999961	2	FALSE	2
chrV	15090740	15091102	ReverseStr	_.FICTIPDK	0.999983	2	TRUE	2
chrIV	13035931	13038966	ReverseStr	R.THDPKRM	0.999999	3	TRUE	3
chrII	13575855	13584662	NovelExon	K.KFQKNFK	0.996611	1	TRUE	1
chrI	1034475	1040871	NovelExon	R.IEFLIAVCI	0.999462	1	TRUE	1
chrI	4550479	4552784	FrameShift	R.WKMASP	0.995689	1	TRUE	1
chrIII	3829812	3830217	ReverseStr	_.FNKVIKNI	1	4	TRUE	3
chrII	13057025	13071460	FrameShift	R.LHHPLYSI	1	2	TRUE	2
chrX	15882031	15885305	ReverseStr	R.NFFGSAT	0.999978	2	TRUE	2
chrIV	3645158	3648679	ReverseStr	R.RSQCSCR	0.999933	2	TRUE	2
chrX	9029423	9033904	NovelExon	R.QGDFSIV	0.997696	1	TRUE	1
chrIV	8066908	8083464	FrameShift	R.DVVVSSF	0.99626	1	TRUE	1
chrX	5663802	5673997	ReverseStr	K.NRYAANI	0.999928	2	TRUE	2
chrX	11659544	11661594	NovelExon	R.QILSQMY	0.998026	1	TRUE	1
chrI	6236214	6249764	NovelExon	K.VSQGLN	0.998012	1	TRUE	1
chrI	4035746	4090963	NovelExon	R.FIVMPTF	0.997564	1	TRUE	1
chrV	18690010	18696042	ReverseStr	R.IFPKNYGI	0.999996	2	FALSE	2
chrX	8061073	8065638	ReverseStr	R.EERLKKM	1	2	TRUE	2
chrII	12768673	12773775	NovelExon	K.NQYFSTN	0.995776	1	TRUE	1
chrI	14777127	14787793	ReverseStr	R.WHFVGE	1	3	TRUE	3

chrIV	9924861	9928202	ReverseStr: R.VLKSSMR	1	5	TRUE	5
chrV	6097088	6099029	GeneBound: _SSSFLASF	1	4	FALSE	3
chrIII	5855994	5859141	GeneBound: K.FMNSFKM	0.99997	2	FALSE	2
chrX	13642278	13646828	NovelExon: K.KFTFEIEE	0.999664	1	TRUE	1
chrIII	13346984	13356266	NovelExon: _MPIFRSV	0.996302	1	TRUE	1
chrII	11683415	11685225	GeneBound: R.WDQNTF	0.99994	2	FALSE	2
chrV	13386050	13391380	ReverseStr: K.LAANA EK	0.999954	2	TRUE	2
chrIV	11326535	11327198	GeneBound: R.FSKNWH	1	3	FALSE	3
chrV	9550620	9556005	FrameShift: R.KLTNWEI	0.997626	1	TRUE	1
chrIV	2650382	2664003	ReverseStr: R.IWPKVGS	0.999954	2	TRUE	2
chrV	13791003	13796223	FrameShift: R.RQIMNLE	0.995746	1	TRUE	1
chrIII	2060663	2060947	ReverseStr: K.FQKKWSI	1	3	FALSE	3
chrX	16529940	16531438	NovelGene: K.EVMLRPC	0.999991	2	FALSE	2
chrV	8259296	8261284	FrameShift: K.RSKHIFFM	0.99748	1	TRUE	1
chrIII	10740766	10742362	ReverseStr: R.TVRKPDR	1	4	TRUE	4
chrX	9628111	9628730	NovelGene: K.KNNNNK	0.999938	2	FALSE	2
chrII	2842560	2843193	ReverseStr: K.LLEDVEV'	0.999956	2	TRUE	2
chrIV	3618292	3624692	ReverseStr: K.REVEYLEI	0.999965	3	TRUE	2
chrI	12652608	12654636	FrameShift: K.VKMPESF	0.998825	1	TRUE	1
chrX	14496015	14499364	NovelExon: R.PYKLCELK	0.996572	1	TRUE	1
chrII	10283419	10300072	ReverseStr: R.KNMDKK	0.999966	2	TRUE	2
chrIV	5290839	5293686	NovelExon: R.KLLGHGL	0.995199	1	TRUE	1
chrII	8278636	8280985	GeneBound: _EMSWSW	0.999928	2	FALSE	2
chrV	5595758	5596237	ExonBound: K.FDDEMIC	0.996967	1	TRUE	1
chrIII	10742711	10746576	GeneBound: Q.DSSYFVE	1	4	FALSE	4
chrIV	6317036	6321346	ReverseStr: K.YSCFLPQI	0.999999	4	TRUE	2
chrIII	2473858	2486616	FrameShift: K.QRYGQCI	0.995005	1	TRUE	1
chrI	13387808	13391439	ReverseStr: K.FAMSFFS	0.999989	2	TRUE	2
chrI	10588166	10590455	NovelExon: K.LTYFLSRR	0.996132	1	TRUE	1
chrI	4139516	4142821	GeneBound: R.ENKMAFI	0.999977	2	FALSE	2
chrV	9055302	9056360	ReverseStr: R.DDTRNM	0.999989	2	FALSE	2
chrIII	10812417	10816746	ReverseStr: R.KKNEMLI	1	5	TRUE	5
chrII	3972265	3972760	ReverseStr: _FFPYFHIF	0.999949	2	TRUE	2
chrI	3698098	3699303	ExonBound: K.IYLQMSIS	0.998511	1	TRUE	1
chrIII	2812135	2814961	ReverseStr: R.CFQDRH	0.999972	3	TRUE	2
chrX	6451774	6455142	GeneBound: _LPIHSAKI	1	3	FALSE	3
chrV	7957257	7958820	ReverseStr: R.KFMCFES	0.999943	2	FALSE	2
chrII	14390644	14407829	FrameShift: P.QTRQFSS	0.995969	1	TRUE	1
chrI	4784136	4785712	NovelGene: R.FGRSASG	0.999974	2	FALSE	2
chrIV	7578440	7580258	ReverseStr: K.KLVYKLEI	0.99995	2	TRUE	2
chrV	20850802	20851866	ReverseStr: R.DPMGRG	0.999982	3	FALSE	2
chrII	1321042	1322872	NovelSplice: K.HRQKREV	0.994627	1	TRUE	1
chrX	17205355	17209291	FrameShift: R.KKQTGTC	0.995022	1	TRUE	1
chrV	10291671	10292843	FrameShift: R.ERTKWTI	0.996509	1	TRUE	1
chrV	20522590	20524482	FrameShift: K.TENSVNC	0.996541	1	TRUE	1
chrI	7038899	7048833	NovelExon: K.FKICCFQC	0.997253	1	TRUE	1
chrI	1405946	1413073	NovelExon: K.CHEKSNF	0.999041	1	TRUE	1

chrI	1156582	1157465	FrameShift	R.INPYMSS	0.998969	1	TRUE	1
chrII	8231263	8232719	GeneBound	_.RLKHFRQ	0.999985	2	FALSE	2
chrX	13091062	13094355	FrameShift	K.ERSNFSKI	0.997869	1	TRUE	1
chrIV	8854524	8862474	FrameShift	R.RSFKVCD	0.995107	1	TRUE	1
chrV	4571129	4585153	NovelExon	K.IIIDWLQY	0.998712	1	TRUE	1
chrII	13882633	13887964	FrameShift	R.LDASDAS	0.994048	1	TRUE	1
chrII	6137812	6157147	NovelExon	V.YQFVSYY	0.998933	1	TRUE	1
chrIII	9136839	9141745	NovelExon	_.ALQCQTK	0.998874	1	TRUE	1
chrII	10094814	10098726	GeneBound	K.FFLKSVSF	1	4	FALSE	3
chrX	13009207	13013884	NovelExon	R.REASEEV	0.999109	1	TRUE	1
chrV	14942116	14945651	ReverseStr	R.QIPTGNC	0.999948	2	TRUE	2
chrII	10703559	10704515	GeneBound	K.MGKIHG/	1	3	FALSE	3
chrIV	3906107	3906487	GeneBound	R.CMQKGH	0.999963	2	FALSE	2
chrII	11410050	11411911	ReverseStr	R.WRNILG	0.999942	2	FALSE	2
chrIV	14855255	14861706	GeneBound	K.NYILKMA	0.999977	2	FALSE	2
chrII	13279703	13285747	ReverseStr	_.YVKKSQII	0.999969	2	TRUE	2
chrIII	4844626	4846510	GeneBound	R.NAKSQCT	0.999986	2	FALSE	2
chrIII	11918727	11920142	FrameShift	L.VAVVEQV	0.996836	1	TRUE	1
chrX	13217032	13218950	FrameShift	K.KIKMMKI	0.998697	1	TRUE	1
chrIV	5397829	5398581	ExonBound	K.KDQKMS	0.99476	1	TRUE	1
chrIII	1570307	1576641	FrameShift	R.RQLMRIY	0.996945	1	TRUE	1
chrIII	12686402	12687821	ReverseStr	C.AAELLESE	1	8	TRUE	5
chrIV	10176661	10178077	FrameShift	_.YRNPRGS	0.994855	1	TRUE	1
chrX	1261670	1265714	NovelGene	K.RGIEQKIK	1	3	FALSE	3
chrV	15318944	15320536	GeneBound	_.LKITPSSG	0.999974	2	FALSE	2
chrIV	7065385	7068024	ReverseStr	K.IDQTTEKI	0.99995	2	TRUE	2
chrIV	14837134	14853633	NovelExon	K.SLNSTSLM	0.996608	1	TRUE	1
chrI	10569101	10570019	GeneBound	K.MPLVGV	0.999993	4	FALSE	2
chrV	15441009	15441158	NovelGene	R.LFMILTIE	0.999938	2	FALSE	2
chrII	10822282	10824020	ReverseStr	R.SRWVRA	0.999911	2	TRUE	2
chrI	11269919	11271218	FrameShift	R.TVHLVYC	0.996922	1	TRUE	1
chrIV	10214962	10219286	ReverseStr	K.DHLDHQI	1	3	TRUE	3
chrX	2243145	2244459	GeneBound	R.EAALQM	1	5	FALSE	3
chrIII	11463562	11470705	ReverseStr	K.NKNFGTI	1	4	TRUE	4
chrIII	10856728	10858075	GeneBound	R.DIREAEM	0.99995	2	FALSE	2
chrV	3231396	3234985	ReverseStr	R.LRLSSRIR	1	3	TRUE	3
chrIV	2378464	2381957	ReverseStr	R.ELSFKYN	0.999996	2	TRUE	2
chrI	2568874	2570748	NovelExon	P.IKIEILESA	0.994652	1	TRUE	1
chrIV	9401972	9412850	NovelExon	R.RPSGDN	0.997065	1	TRUE	1
chrV	20105617	20120644	ReverseStr	R.KSIKIFID	0.999974	2	FALSE	2
chrIV	6548840	6552556	GeneBound	R.VNSVGY	0.999983	2	FALSE	2
chrIII	10059211	10061895	ReverseStr	K.RCREKEIS	1	3	TRUE	3
chrV	7827271	7842365	FrameShift	R.KLRPEPVI	1	2	TRUE	2
chrIV	9261789	9264248	FrameShift	K.MLFHLIV	0.998514	1	TRUE	1
chrIV	5800335	5807082	NovelExon	_.PIFYIKIFN	0.99654	1	TRUE	1
chrIII	12673576	12686129	NovelExon	K.WPNPKC	0.995022	1	TRUE	1
chrX	12604893	12605103	FrameShift	_.DGSERW	0.994712	1	TRUE	1

chrI	13943338	13951616	NovelExon	R.PFLTLKM	0.99749	1	TRUE	1
chrX	2918795	2923974	NovelExon	R.TVVNLMI	0.99444	1	TRUE	1
chrV	10572897	10575728	ReverseStr:	R.KSKPHSN	0.999951	2	TRUE	2
chrIV	8060787	8061315	NovelGene	K.IKKYNSVS	0.99997	2	FALSE	2
chrX	4088773	4091104	NovelGene	K.WELEVEL	0.999939	2	FALSE	2
chrI	4717624	4719576	ReverseStr:	K.NSTFVEL	0.999969	2	FALSE	2
chrX	8673008	8681601	FrameShift	R.IPIKTKKW	0.995159	1	TRUE	1
chrIV	5112921	5122011	ExonBound	K.IKIKLFQT	0.994035	1	TRUE	1
chrIII	5680529	5682281	GeneBound	I.AESAVLSC	1	3	FALSE	3
chrI	12183679	12188998	FrameShift	R.AVQNSIV	0.9967	1	TRUE	1
chrIV	14051175	14056643	ExonBound	K.KGFNPGC	0.998093	1	TRUE	1
chrIV	4659041	4659453	ExonBound	R.TVMVQN	1	1	TRUE	1
chrII	5231411	5233260	NovelExon	K.HLKDPLLI	0.998125	1	TRUE	1
chrX	15505966	15507812	ReverseStr:	K.MTKMAY	0.999998	3	TRUE	2
chrI	10708393	10710364	FrameShift	K.EQEEEEI	0.995829	1	TRUE	1
chrIV	16469547	16470848	FrameShift	R.KWWRTA	0.999564	1	TRUE	1
chrV	1990002	1992888	NovelExon	R.ASVDTTA	1	1	TRUE	1
chrIV	13068744	13070266	FrameShift	R.LSRGSKS	0.995807	1	TRUE	1
chrX	16427875	16429675	NovelGene	K.YVVILNG	0.999988	2	FALSE	2
chrI	8377596	8392747	NovelExon	R.VHIMKTF	0.996897	1	TRUE	1
chrII	14276575	14283901	GeneBound	K.ILNSGNLI	0.999988	2	FALSE	2
chrII	5169716	5171022	FrameShift	K.MQSQVIK	0.999097	1	TRUE	1
chrIII	2411072	2418195	NovelExon	R.PMRTHCI	0.999932	1	TRUE	1
chrX	9296886	9297891	ReverseStr:	K.KCTISKFC	0.999989	2	FALSE	2
chrIII	11237050	11238033	GeneBound	R.LICLVSKN	0.999988	2	FALSE	2
chrI	14520577	14522169	NovelGene	K.PAGNMR	0.999945	2	FALSE	2
chrIV	10513870	10515263	ReverseStr:	_.NKKYEIDI	0.999923	2	TRUE	2
chrII	12159419	12162595	GeneBound	R.WRMSEK	0.999999	3	FALSE	3
chrIV	13476913	13502828	FrameShift	R.KTIYKTLF	0.997679	1	TRUE	1
chrII	7335265	7335353	NovelGene	R.EAEGEGC	1	2	FALSE	2
chrI	13779769	13781390	ReverseStr:	R.STQFAVH	1	3	FALSE	3
chrIV	10286933	10292986	GeneBound	K.SLKYEAD	0.999994	2	FALSE	2
chrII	13770770	13783947	NovelExon	K.NGASKTI	0.995623	1	TRUE	1
chrIII	8307521	8308367	FrameShift	K.HKNIVKS	0.998114	1	TRUE	1
chrV	5593693	5594486	ExonBound	_.NLFQSKY	0.99526	1	TRUE	1
chrI	1162892	1175871	NovelExon	K.NYFFPTIL	0.994293	1	TRUE	1
chrX	9761431	9764864	ReverseStr:	K.TKRSGIRI	0.999997	2	TRUE	2
chrI	12585372	12585961	GeneBound	K.GYAAPVC	0.999917	2	FALSE	2
chrX	13116286	13122221	ReverseStr:	_.RCTIVLFL	0.999994	2	TRUE	2
chrII	15090104	15108932	FrameShift	_.VGAQMA	0.995465	1	TRUE	1
chrIV	5747371	5757851	ReverseStr:	R.MVKTHG	0.999982	2	TRUE	2
chrI	11075751	11134660	ReverseStr:	K.NAEIRRK	0.999931	2	TRUE	2
chrIV	4854386	4856279	FrameShift	R.KWNSIVC	0.995318	1	TRUE	1
chrX	13545217	13550654	ReverseStr:	R.FRAGHQI	0.999947	2	TRUE	2
chrI	1874149	1883474	NovelExon	R.RKSLFNG	0.994327	1	TRUE	1
chrII	8454561	8456113	ReverseStr:	S.RSPYLKLT	0.999906	2	TRUE	2
chrI	17483	26781	ReverseStr:	_.EVGGLILL	1	3	FALSE	3

chrIII	6440093	6442948	ReverseStr: R.KDEPVVV	1	3	FALSE	3
chrI	11292653	11294174	FrameShift R.SLTSSATF	0.996394	1	TRUE	1
chrII	14675188	14684221	GeneBounc A.WVPARE	0.999988	2	FALSE	2
chrII	1227924	1230787	FrameShift R.RLSSHIGK	0.999286	1	TRUE	1
chrII	1420429	1423675	NovelExon I.GLGLGIGI	0.997428	1	TRUE	1
chrII	1996542	1998535	FrameShift K.DHLFGHF	0.997098	1	TRUE	1
chrX	12705553	12808179	ReverseStr: K.MICNVIG	0.999992	2	TRUE	2
chrX	2711207	2748107	NovelExon K.TTKKTNV	0.994001	1	TRUE	1
chrV	3395272	3395963	ReverseStr: R.NGAFAGI	1	4	FALSE	4
chrV	18903743	18906172	FrameShift _.LLFRYVEE	0.996321	1	TRUE	1
chrV	5826816	5832844	ReverseStr: K.LSGILDER	0.999904	2	TRUE	2
chrX	15923668	15924679	FrameShift K.GAGGRG	0.994344	1	TRUE	1
chrV	20490740	20492454	ReverseStr: K.NVSTDLIF	0.999972	2	TRUE	2
chrV	4571129	4580128	FrameShift K.IIIDWLQY	0.998712	1	TRUE	1
chrIII	2970669	2975777	ReverseStr: K.KTKKLSK	0.999993	2	TRUE	2
chrIV	11602618	11603264	FrameShift _.MPSREPT	0.99408	1	TRUE	1
chrV	16792744	16794987	FrameShift R.TIICTSSD	0.998658	1	TRUE	1
chrX	16541257	16551140	FrameShift K.LLTPPGG	0.996945	1	TRUE	1
chrIV	2396242	2399419	NovelExon K.ECRLLGTI	0.996639	1	TRUE	1
chrI	2915178	2918808	ReverseStr: R.IAEEKKSE	0.999973	2	FALSE	2
chrIII	2151958	2197899	FrameShift R.IEVFGTEK	0.994966	1	TRUE	1
chrV	107402	118162	NovelExon K.TKFLFKSN	0.996633	1	TRUE	1
chrII	11688906	11695998	FrameShift R.EDQVLEV	0.995883	1	TRUE	1
chrIV	3699799	3700649	ReverseStr: R.RFKWQR	1	3	FALSE	3
chrIV	11852161	11853131	ExonBounc S.FLGVLLKN	0.994663	1	TRUE	1
chrX	7842582	7845507	ExonBounc K.HLVAPAT	0.995286	1	TRUE	1
chrIV	17281418	17284164	ReverseStr: K.TAQTFTT	1	2	FALSE	2
chrIII	12398832	12421422	NovelExon R.KFSNPAN	0.996734	1	TRUE	1
chrX	6456650	6461833	FrameShift _.LLNSYSGI	0.996356	1	TRUE	1
chrI	10793390	10798047	FrameShift _.NMNYRF	0.998321	1	TRUE	1
chrII	11100083	11100404	GeneBounc K.TIGFGGQ	1	4	FALSE	3
chrX	2535368	2537640	NovelGene K.TFFTNISC	0.999999	2	FALSE	2
chrV	14564804	14579704	ReverseStr: F.KKMYRA	0.999998	2	TRUE	2
chrIV	4015609	4028123	ReverseStr: K.NSKGGE	1	3	TRUE	3
chrX	16505175	16507338	ReverseStr: R.KFNLEKI	0.999997	2	FALSE	2
chrV	5474499	5476674	NovelGene K.MIEKLEE	1	4	FALSE	4
chrII	13418893	13424382	FrameShift R.NCQCSSF	0.99742	1	TRUE	1
chrII	2642005	2642943	FrameShift K.RKLEYTIS	0.994516	1	TRUE	1
chrIII	783777	786067	FrameShift P.SSSSGVD	0.99715	1	TRUE	1
chrIII	4856823	4859207	FrameShift _.ENEMIRC	0.99631	1	TRUE	1
chrI	112365	112915	GeneBounc K.LDVIWYK	1	4	FALSE	4
chrIV	5224888	5225761	FrameShift R.KRMMTK	0.994107	1	TRUE	1
chrIII	11795696	11803140	FrameShift R.IGMDLM	0.998251	1	TRUE	1
chrV	7447254	7448959	GeneBounc _.LNNAGILI	0.999998	2	FALSE	2
chrII	13321943	13325611	GeneBounc K.RKSCCKD	0.999984	2	FALSE	2
chrV	9234601	9243141	FrameShift R.MSQKSF	0.994823	1	TRUE	1
chrV	6323209	6326373	FrameShift R.NYYFPSK	0.998254	1	TRUE	1

chrX	7851948	7861182	ReverseStr: K.KFLDFAI	0.99995	2	TRUE	2
chrI	4583879	4584506	ReverseStr: _DFLANSV	1	2	TRUE	2
chrIV	8609481	8611421	FrameShift R.AHKDKM	0.994607	1	TRUE	1
chrV	682332	683895	ReverseStr: _RGPVKAS	1	4	FALSE	4
chrIV	992289	997652	FrameShift K.RMSTLLL	0.995188	1	TRUE	1
chrIII	12438957	12441003	ReverseStr: R.NFFKTPA	1	2	TRUE	2
chrIII	12688172	12697445	ExonBounc K.NLIFSASR	0.994364	1	TRUE	1
chrII	8836063	8839231	ReverseStr: F.LVIQKKEK	0.999987	2	TRUE	2
chrIV	13688300	13688756	ReverseStr: R.RKEYERR	1	3	TRUE	3
chrII	5839617	5841113	FrameShift K.GFKFLNF	0.99737	1	TRUE	1
chrI	11917733	11923906	GeneBounc R.QIVKLPIN	0.999942	2	FALSE	2
chrIII	721466	723929	NovelGene R.SNWKIYK	0.999951	2	FALSE	2
chrIII	13254567	13256284	GeneBounc K.GERRQA/	0.999991	2	FALSE	2
chrII	7189379	7192466	ExonBounc _NFSVSVV	1	1	TRUE	1
chrIII	5107291	5108550	GeneBounc D.QENDVTI	0.999926	2	FALSE	2
chrV	4802357	4805933	ReverseStr: R.VGDAIVA	1	3	TRUE	3
chrII	14507017	14507561	FrameShift R.ERRRRRN	0.996503	1	TRUE	1
chrX	15222342	15223786	NovelGene R.IAEELSNK	1	3	FALSE	3
chrV	11764886	11767206	GeneBounc K.LEFLQIYS	0.99998	4	FALSE	2
chrIII	3822385	3826243	FrameShift R.KMPPML	0.994786	1	TRUE	1
chrIII	13386049	13388252	NovelExon K.ATYLATCI	0.99779	1	TRUE	1
chrIII	2573175	2575676	ReverseStr: _KFSAKKM	0.999984	2	TRUE	2
chrIV	9449572	9457484	NovelExon _MSHWNF	0.996588	1	TRUE	1
chrV	8261370	8263546	ReverseStr: K.FVQWEK'	0.999977	2	FALSE	2
chrI	8174882	8177137	ReverseStr: K.FMCSIFE\	0.99999	2	TRUE	2
chrV	19857592	19860925	GeneBounc R.NFFIEDFY	0.999974	2	FALSE	2
chrV	18201428	18203377	NovelExon _DYGMSKI	0.999385	1	TRUE	1
chrIII	5940939	5943791	FrameShift K.DITLEVEA	1	3	TRUE	3
chrX	2303074	2315390	ExonBounc K.VIDDLGN	0.995576	1	TRUE	1
chrV	2294821	2297007	FrameShift R.RRMKAK'	0.996769	1	TRUE	1
chrIII	3405565	3411613	GeneBounc K.NIYIYTIRC	0.999991	2	FALSE	2
chrI	11058517	11061428	NovelExon _KMOVSPRI	0.994857	1	TRUE	1
chrI	4586274	4589393	GeneBounc A.LYEYLFNE	1	2	FALSE	2
chrV	19934764	19946598	ReverseStr: R.RSGNML'	0.999921	2	FALSE	2
chrIII	8999741	9001923	FrameShift _SWKEREI	0.996613	1	TRUE	1
chrV	10602437	10605558	ExonBounc K.DYRGTIM	0.997347	1	TRUE	1
chrII	9285915	9289076	ReverseStr: R.IMRIHAM	0.999959	2	FALSE	2
chrIV	4864972	4867651	NovelExon V.VYTRAIW	0.99875	1	TRUE	1
chrV	14194537	14197683	Translated K.LGEQREK	0.99997	2	TRUE	2
chrX	16711608	16720593	ReverseStr: K.EKWGEG	0.999943	2	FALSE	2
chrV	1305391	1305878	NovelGene K.RIDAKNH	0.999992	2	FALSE	2
chrIII	5861813	5863502	ReverseStr: R.CLSENILS	1	3	FALSE	3
chrI	14852807	14854596	FrameShift R.TIVLGGCI	0.994006	1	TRUE	1
chrV	16833617	16835122	ExonBounc Y.DNKFKSS	0.998455	1	TRUE	1
chrII	6684202	6688606	NovelExon K.NLPLVSN	1	1	TRUE	1
chrV	6566542	6568730	ExonBounc S.FCLLYKGF	0.994441	1	TRUE	1
chrIV	1357815	1359224	ReverseStr: K.QETADTT	0.999938	2	TRUE	2

chrI	2623103	2628579	FrameShift	K.RSLAMDI	0.994196	1	TRUE	1
chrII	13792160	13817305	NovelExon	_.KRSKLSQ`	0.999885	1	TRUE	1
chrII	1577376	1579993	NovelExon	R.GLAAIHR	0.997027	1	TRUE	1
chrIV	10526087	10530572	GeneBounc	_.PKYLPSG(	0.999989	2	FALSE	2
chrIV	11059278	11063499	ReverseStr	R.KCLNRAV	0.999997	2	FALSE	2
chrII	2930732	2933467	GeneBounc	R.QKTCTST	1	4	FALSE	4
chrIII	8138024	8139565	GeneBounc	K.FAVADEE	1	2	FALSE	2
chrI	4645637	4646966	ReverseStr	K.MLSRSCL	0.999996	2	TRUE	2
chrV	12345916	12350371	NovelExon	K.YQNTKM	0.996607	1	TRUE	1
chrV	1475086	1479582	NovelExon	R.AVVLEPA	0.997236	1	TRUE	1
chrX	6729958	6733276	ReverseStr	L.EQGTAAI'	1	3	TRUE	3
chrIII	13169817	13173005	GeneBounc	K.TASTAEEI	1	4	FALSE	3
chrX	11210830	11215405	NovelExon	K.YFPINQE(	0.995478	1	TRUE	1
chrI	1767889	1790205	FrameShift	K.IVKECRFC	0.998012	1	TRUE	1
chrIII	3490323	3493221	NovelExon	K.NHGKNLI	0.99537	1	TRUE	1
chrX	13436386	13440943	NovelExon	K.FIILMIINK	0.994744	1	TRUE	1
chrIII	5940939	5943791	FrameShift	R.HDRERQ/	0.998663	3	TRUE	1
chrV	18148783	18154368	NovelExon	K.NWRFC`	0.995595	1	TRUE	1
chrII	2781660	2783091	FrameShift	K.MSTNFPF	0.994405	1	TRUE	1
chrII	6684202	6688606	GeneBounc	R.FSYVGC	0.999982	3	FALSE	2
chrI	700277	715853	NovelExon	K.KLDTLVEI	0.998874	1	TRUE	1
chrX	1643887	1646354	NovelGene	K.RSWMG\	0.99999	2	FALSE	2
chrV	6882021	6890939	NovelExon	R.KVRQQG:	0.997074	1	TRUE	1
chrIV	165125	169980	FrameShift	R.RWWQG`	0.994893	1	TRUE	1
chrIV	13882169	13882638	FrameShift	Q.DHTNHN	0.99939	1	TRUE	1
chrV	11644742	11645353	ExonBounc	R.LFFGPGC	1	1	TRUE	1
chrIII	2658075	2681103	FrameShift	R.RHAPNAI	0.994137	1	TRUE	1
chrX	17600396	17601428	NovelExon	L.LTTCNRR|	0.997429	1	TRUE	1
chrIV	6536168	6538989	GeneBounc	P.KLQICKQ|	0.999981	2	FALSE	2
chrIV	4659623	4660195	ReverseStr	R.SWRRLSS	1	2	TRUE	2
chrII	13272564	13304159	NovelExon	_.QIPQSVG	0.99557	1	TRUE	1
chrI	11912782	11917710	GeneBounc	R.KFDKKQL	0.999987	2	FALSE	2
chrII	7785374	7794267	ReverseStr	F.QADADLI	1	2	TRUE	2
chrIV	5290839	5293686	FrameShift	R.KLLGHGL	0.995199	1	TRUE	1
chrII	10242533	10247580	ReverseStr	R.CSSFLVQ|	0.999962	2	TRUE	2
chrII	14434477	14438901	Translated	K.NVSMEM	0.999979	2	TRUE	2
chrIII	11181950	11195108	ReverseStr	R.RMLTSLS	1	4	TRUE	4
chrII	11036128	11039413	GeneBounc	_.KNKMGS	1	4	FALSE	4
chrIV	15192267	15202991	GeneBounc	R.SHALKRV	0.999994	2	FALSE	2
chrIII	12226567	12232017	NovelExon	K.TPPKNPK	0.998349	1	TRUE	1
chrX	16791275	16793064	FrameShift	R.IASYQGG	0.999233	1	TRUE	1
chrV	810794	814697	NovelExon	_.RTHTSSC:	0.998069	1	TRUE	1
chrX	10731722	10732371	NovelGene	R.LFKRQKN	0.999986	2	FALSE	2
chrI	11388760	11396651	ReverseStr	K.LERNSLKI	0.999998	2	TRUE	2
chrX	1536412	1540282	GeneBounc	K.FMTQVKI	0.999999	3	FALSE	3
chrIII	12087738	12090335	NovelGene	K.GTEHGLR	0.999945	2	FALSE	2
chrII	8571082	8572851	GeneBounc	R.QREESNK	1	4	FALSE	4

chrV	16059761	16062073	GeneBounc	K.GYCMGK	0.999979	2	FALSE	2
chrV	6533598	6538045	NovelExon	V.SRFFLFSE	0.996905	1	TRUE	1
chrIV	593345	595234	FrameShift	K.KFEVATG	0.999444	1	TRUE	1
chrII	13157265	13160358	NovelExon	K.LKYNNKN	0.994053	1	TRUE	1
chrV	15253812	15254788	FrameShift	K.IFIYLSGH	0.99869	1	TRUE	1
chrX	8275117	8283268	FrameShift	R.CICIWMC	0.99683	1	TRUE	1
chrII	8840139	8844455	ReverseStr	R.LVLHQKL	0.999993	2	FALSE	2
chrIII	560137	572134	FrameShift	I.EAENGTE	0.999671	1	TRUE	1
chrV	13006955	13008910	ReverseStr	H.ISNQGSV	1	3	TRUE	3
chrII	13508490	13516411	ReverseStr	I.QVNINIFV	0.999999	2	TRUE	2
chrIII	11505451	11508816	FrameShift	R.SNLMKFS	0.998172	1	TRUE	1
chrIII	2681437	2686455	ReverseStr	R.YGKIVALI	0.999995	2	FALSE	2
chrIII	2623161	2627746	GeneBounc	K.IRKYIVFF	0.99995	2	FALSE	2
chrV	17871375	17879897	GeneBounc	K.MKIPANC	1	4	FALSE	4
chrII	11980411	11988797	ReverseStr	_.VLCEKKIC	1	5	TRUE	2
chrV	17924890	17934201	FrameShift	R.SHRGNLY	0.998921	1	TRUE	1
chrV	18677081	18684332	NovelExon	K.EEKEISRN	0.999963	2	TRUE	2
chrII	11728992	11731163	ExonBounc	K.AISFVGGI	0.995747	1	TRUE	1
chrI	2878580	2880938	ReverseStr	K.LIEKKIVV	0.999951	2	TRUE	2
chrII	10283419	10300072	ReverseStr	K.IVKLPHQI	0.999943	2	TRUE	2
chrV	18022451	18042327	GeneBounc	R.KLNLPPN	0.999969	2	FALSE	2
chrII	6700624	6701591	ExonBounc	K.IALAYEM	1	1	TRUE	1
chrIII	2638504	2642839	FrameShift	_.VNGEVPK	0.996833	1	TRUE	1
chrIII	768554	770890	FrameShift	R.ISLLVEMF	0.99746	1	TRUE	1
chrX	7823603	7825709	NovelExon	Q.EMGKGS	0.999998	2	TRUE	2
chrV	11221284	11222816	GeneBounc	R.LPKIGCA	0.999983	2	FALSE	2
chrIV	13105313	13106902	FrameShift	R.KMLHILM	0.998555	1	TRUE	1
chrI	9715313	9728099	NovelExon	_.NNQNYSI	0.998045	1	TRUE	1
chrV	6141454	6143531	FrameShift	R.KYAFFKG	0.997021	1	TRUE	1
chrII	8143829	8144621	FrameShift	R.VDIGDILF	1	2	TRUE	2
chrIV	16139059	16140678	NovelGene	R.LKHKISM	0.999971	2	FALSE	2
chrI	6381436	6385715	ReverseStr	R.TQKKMLI	1	5	TRUE	4
chrIII	4020041	4021854	GeneBounc	_.AILSPLGC	1	4	FALSE	4
chrII	3347577	3349873	FrameShift	K.QTQTKES	0.99407	1	TRUE	1
chrV	45463	46923	NovelExon	K.IVRNSVN	0.994033	1	TRUE	1
chrV	2662963	2665001	ReverseStr	R.ISVHRLP	0.999948	2	TRUE	2
chrIII	2034967	2047997	ReverseStr	R.ELKKVLK	0.999973	2	TRUE	2
chrIV	8261131	8266449	FrameShift	_.FSDDDVT	1	18	TRUE	12
chrIV	13119190	13124292	NovelExon	_.TKYKLMN	0.998361	1	TRUE	1
chrV	9693037	9694783	ExonBounc	R.SSNCDCS	0.996485	1	TRUE	1
chrII	12225294	12227227	GeneBounc	R.TIMWRN	0.999927	2	FALSE	2
chrIII	8675441	8683612	ReverseStr	R.FKLLHGTI	0.999986	2	TRUE	2
chrV	4247955	4250133	ReverseStr	K.RSTETFQI	1	4	TRUE	4
chrI	10570068	10571908	GeneBounc	K.MPLVGI	1	5	FALSE	3
chrX	8599888	8602220	GeneBounc	K.WGKMGI	0.999972	2	FALSE	2
chrX	2204043	2205056	GeneBounc	R.KNKFFLT	0.999941	2	FALSE	2
chrV	5594599	5595732	GeneBounc	K.FVHYNA	1	3	FALSE	3

chrI	7070648	7074732	NovelExon	_.SSRLWNC	0.995553	1	TRUE	1
chrII	8860853	8865113	NovelExon	L.FKKFSCPC	0.994288	1	TRUE	1
chrIII	12673576	12686129	GeneBound	_.FSVLNMF	1	3	FALSE	3
chrIII	7893704	7894560	GeneBound	R.TLCDTFLC	0.999999	3	FALSE	3
chrIII	5265074	5267164	FrameShift	K.FSEKLESE	0.995678	1	TRUE	1
chrIV	8356753	8357907	ExonBound	R.DASKMA	0.995785	1	TRUE	1
chrX	15343085	15344078	ReverseStr	R.HLSGSAL	1	4	TRUE	4
chrIV	14339941	14342120	ReverseStr	F.DKKDRGC	0.999972	2	FALSE	2
chrI	1053924	1066904	GeneBound	R.ARGPEHT	0.999968	2	FALSE	2
chrV	9439136	9439525	GeneBound	K.RRYDYGK	0.999962	2	FALSE	2
chrIII	3867833	3869527	NovelSplice	R.IKAFTKYA	0.997722	1	TRUE	1
chrV	6436628	6437867	GeneBound	R.YRVDLAH	1	2	FALSE	2
chrIV	7447845	7449363	FrameShift	R.MTMLMI	0.994683	1	TRUE	1
chrX	10644344	10666806	ReverseStr	K.TRKYIRKS	0.999925	2	TRUE	2
chrIII	12429071	12431220	ReverseStr	K.IILALFEH	1	4	FALSE	4
chrV	13736994	13738458	ReverseStr	Q.CNLKFRT	1	3	TRUE	3
chrX	9284274	9287004	NovelGene	K.TEKEAET.	0.99993	2	FALSE	2
chrIII	7469678	7471604	NovelGene	F.IFSRILQT)	0.999999	2	FALSE	2
chrII	4892264	4892723	GeneBound	K.TKNSFLPI	0.999933	2	FALSE	2
chrV	14296784	14297209	ExonBound	K.FEISINYM	0.999159	1	TRUE	1
chrX	8403486	8408314	ReverseStr	R.FYLNHAS	0.999975	2	TRUE	2
chrX	8768021	8769324	NovelGene	K.NENACG!	0.999964	2	FALSE	2
chrV	17601797	17602926	GeneBound	_.SLKISEFP	0.999994	2	FALSE	2
chrIII	8812298	8812922	NovelGene	R.KYSAIDDI	0.999945	2	FALSE	2
chrIV	4360828	4386533	NovelExon	R.DGSWVIL	0.999999	2	TRUE	2
chrIII	11826318	11831375	NovelExon	R.LLFFGATI	0.9952	1	TRUE	1
chrIII	727207	752421	NovelExon	R.SRVFVGE	0.994707	1	TRUE	1
chrIII	10352093	10355446	ReverseStr	R.VSPGTKL	1	3	FALSE	3
chrII	7964753	7967440	NovelGene	K.NEMEKD	1	4	FALSE	4
chrIII	1952005	1961936	NovelExon	R.KIDKFTEK	0.995222	1	TRUE	1
chrV	9305392	9310902	NovelExon	K.TLNTGISI	0.995751	1	TRUE	1
chrV	12588409	12589602	GeneBound	R.STRSSFIN	0.999955	2	FALSE	2
chrX	16573343	16574016	NovelGene	R.PKMIALE	0.999939	2	FALSE	2
chrIV	17278922	17281298	FrameShift	R.FSLEGIDF	1	1	TRUE	1
chrV	4505800	4511435	ReverseStr	R.RTRRLEYI	0.999994	3	FALSE	2
chrIII	5001334	5002298	ReverseStr	_.KKENFKN	0.999999	2	TRUE	2
chrIV	5486704	5490322	FrameShift	V.EVHVLLC	0.995651	1	TRUE	1
chrII	4223317	4226333	GeneBound	R.QISTCKSS	0.999978	2	FALSE	2
chrII	14919629	14952867	ReverseStr	R.FSISLFFA	0.999969	2	TRUE	2
chrV	7081526	7084873	ReverseStr	R.RRKMGR	1	3	TRUE	3
chrI	11188615	11190991	NovelGene	K.FQEV RAP	0.999967	2	FALSE	2
chrV	16219589	16221896	FrameShift	_.EPGLQFD	0.995303	1	TRUE	1
chrIV	8261131	8266441	NovelExon	K.YEGA EKS	0.999996	2	TRUE	2
chrV	18322187	18323299	ReverseStr	_.EQKKEVY	0.999957	2	FALSE	2
chrIII	6990190	7002255	GeneBound	K.NVNLIVFI	0.999999	2	FALSE	2
chrX	9952504	9954482	ExonBound	F.FKVIPGV	0.999812	1	TRUE	1
chrII	12209174	12221724	ReverseStr	R.LFFQNFK	0.999992	2	FALSE	2

chrIII	1520216	1532760	ReverseStr:_.FEFDNKK	0.999991	7	FALSE	2
chrI	2297282	2304397	NovelExon K.KRERENG	0.996965	1	TRUE	1
chrIV	527379	528583	FrameShift R.KTIDDVR	0.996552	1	TRUE	1
chrIV	8428948	8431482	ReverseStr: R.WKYWKF	0.999967	3	TRUE	2
chrIV	11459970	11463173	ReverseStr: K.IVSKHIF	0.999948	2	TRUE	2
chrIV	10458843	10461869	ReverseStr: K.SVVSISSE	0.999979	2	TRUE	2
chrI	1709587	1715570	GeneBound R.VETFPVD	1	3	FALSE	3
chrV	16282911	16285872	ReverseStr:_.QANMFIF	0.999966	3	TRUE	2
chrI	7140277	7147229	ReverseStr: R.LLPNPAE	0.999958	2	TRUE	2
chrI	1751483	1754412	ReverseStr: K.QKKTIEL	1	3	FALSE	3
chrI	10789119	10793136	FrameShift K.ENPPQLC	0.994823	1	TRUE	1
chrX	2473756	2476006	ReverseStr:_.NPRFSFL	0.99999	2	FALSE	2
chrIII	2764422	2768657	ReverseStr: R.EEQRKN	0.999987	2	TRUE	2
chrIII	9622069	9626453	ReverseStr: K.KPTADAS	1	3	FALSE	3
chrII	4911755	4914210	ExonBound R.DNQPTV	0.999764	1	TRUE	1
chrI	12716312	12716450	NovelExon _VSHEVVC	0.995775	1	TRUE	1
chrII	163195	170617	NovelExon R.KKDLCVK	0.996157	1	TRUE	1
chrX	3747268	3747546	NovelGene R.GVHERY	0.999997	2	FALSE	2
chrX	8941341	8950924	ReverseStr: R.KSIEGVDI	1	4	TRUE	4
chrX	2429852	2439152	GeneBound K.QLSKSFV	0.999958	2	FALSE	2
chrIII	5385578	5404946	ReverseStr: R.KRTSYSG	0.999971	2	TRUE	2
chrII	5498693	5499133	GeneBound S.SDTLQISS	0.999933	2	FALSE	2
chrIII	7230902	7232822	GeneBound R.ARTSNIRI	0.999984	2	FALSE	2
chrV	14686145	14688528	FrameShift R.SSRTFWF	0.999954	2	TRUE	2
chrIII	2208260	2211286	NovelExon L.NRKFNKIF	0.996207	1	TRUE	1
chrV	17951322	17952794	GeneBound K.YGKKVFS	1	3	FALSE	3
chrI	10972016	10980104	NovelExon _RLQILQT	0.995937	1	TRUE	1
chrII	8845538	8849094	FrameShift R.LVLHQKL	0.998949	1	TRUE	1
chrI	3010692	3011661	ReverseStr:_.LLIMMTF	0.999948	2	FALSE	2
chrV	12479719	12484433	FrameShift K.KCKKTYLI	0.99808	1	TRUE	1
chrIII	4705378	4706915	GeneBound K.EEAEKEK	0.999995	2	FALSE	2
chrX	12795982	12813877	ReverseStr:_.YTPGGTR	0.999991	2	TRUE	2
chrII	14027189	14027263	NovelGene K.KMYPGN	0.999984	2	FALSE	2
chrIV	11120609	11123133	FrameShift R.LAFLSFFR	0.994265	1	TRUE	1
chrX	5307464	5323353	NovelExon K.MTKYDN	0.996872	1	TRUE	1
chrI	9254506	9261633	NovelExon R.RSTFPAIV	0.995053	1	TRUE	1
chrI	14071906	14072774	NovelGene K.KTFQIVKI	1	3	FALSE	3
chrIII	12431538	12433764	FrameShift K.KFWISSTI	0.995489	1	TRUE	1
chrIV	2495741	2497682	FrameShift R.LPRQLDR	0.996464	1	TRUE	1
chrIV	11594302	11601764	GeneBound S.KNVLPIH	0.999964	2	FALSE	2
chrIII	12905390	12906510	ReverseStr: K.CPNKKLG	0.999955	2	TRUE	2
chrIV	7948662	7953568	FrameShift K.HPKISNLF	0.998658	1	TRUE	1
chrV	2647057	2652655	FrameShift R.RKDRSNV	0.994547	1	TRUE	1
chrIII	13759344	13761968	ReverseStr: K.LTVIARPF	1	4	TRUE	3
chrV	15512161	15512755	FrameShift R.AEKRFDL	0.996495	1	TRUE	1
chrII	3520706	3524183	NovelExon R.GDAGSIP	0.996344	1	TRUE	1
chrIII	10325542	10330328	FrameShift K.SLESLNRE	0.997851	1	TRUE	1

chrV	6745064	6748592	ReverseStr: T.CLDTPSR	1	3	FALSE	3
chrV	8671345	8673523	ReverseStr: D.VQNKFH	0.999938	2	FALSE	2
chrX	11468435	11484202	ReverseStr: R.RHHMFP	1	4	TRUE	4
chrI	10762759	10776689	FrameShift R.VPLFMN	0.995588	1	TRUE	1
chrI	310981	314992	ReverseStr: K.SWYDGG	1	3	TRUE	3
chrIII	12673576	12686129	NovelExon K.LSLKMTK	0.995733	1	TRUE	1
chrX	15309306	15314827	NovelExon R.FPNVSTC	0.996487	1	TRUE	1
chrII	6619353	6622138	ReverseStr: V.PFNEFVD	0.999914	2	TRUE	2
chrI	6697127	6700662	NovelGene _TIFRSHH	1	4	FALSE	4
chrX	4122394	4128407	ReverseStr: R.QYGASG	0.999995	2	TRUE	2
chrI	5141678	5149229	NovelExon R.GETFRVE	0.99654	1	TRUE	1
chrX	1576630	1590890	NovelExon R.GCGRKLM	0.996092	1	TRUE	1
chrX	3408680	3411669	ReverseStr: _AFHESKL	1	8	TRUE	7
chrI	10861186	10863557	ReverseStr: R.WKPTTT	0.999945	2	FALSE	2
chrI	1740649	1751057	GeneBound K.TDGNNEI	0.99994	2	FALSE	2
chrV	15186565	15187770	ReverseStr: _HTGPGVL	0.999997	2	TRUE	2
chrII	11002921	11012173	NovelExon V.FDVRPPV	0.994152	1	TRUE	1
chrII	6589676	6591054	GeneBound K.LMQRCH	1	6	FALSE	4
chrI	3690148	3694017	ReverseStr: K.FLVKGRV	0.999968	2	TRUE	2
chrIII	4408523	4412189	GeneBound R.SSQSLEE	1	3	FALSE	3
chrIV	10274014	10275389	ReverseStr: K.KCFQSSD	0.999941	2	TRUE	2
chrIII	10083370	10084965	GeneBound R.NLVLFKM	0.999955	2	FALSE	2
chrIV	4450048	4459727	NovelExon R.ERESGRM	0.9973	1	TRUE	1
chrII	3350253	3358984	FrameShift R.HSGGIFQ	0.99494	1	TRUE	1
chrX	5112403	5116839	ReverseStr: R.MITQKSP	0.999994	2	TRUE	2
chrI	15041421	15050691	ReverseStr: R.ICMDVPL	1	4	TRUE	3
chrX	13522779	13527345	GeneBound K.NYCKPVK	0.999958	2	FALSE	2
chrIV	11850905	11855136	FrameShift R.YTMRSSC	0.996082	1	TRUE	1
chrX	2543338	2548021	ReverseStr: R.DIWQWT	0.999977	2	TRUE	2
chrI	2382967	2401490	ReverseStr: K.SASRQFV	0.999972	2	TRUE	2
chrIII	11488255	11500635	TranslatedI _NIKQATE	1	3	TRUE	3
chrIII	5487603	5498913	FrameShift R.RKLHDPK	0.99505	1	TRUE	1
chrI	11154205	11155361	GeneBound R.MSHFGLI	1	3	FALSE	3
chrII	8039954	8041685	FrameShift K.MGGINN	0.994446	1	TRUE	1
chrI	6836468	6838141	FrameShift R.VIVTEIDP	0.999124	1	TRUE	1
chrIV	4446209	4446999	GeneBound K.KNQEINI	0.999966	2	FALSE	2
chrX	2237903	2240246	GeneBound K.AFYFSVFF	0.999992	4	FALSE	2
chrII	3458504	3459059	GeneBound K.TTTLSPPT	1	4	FALSE	3
chrIII	11612507	11615694	NovelExon R.VKYVAQY	0.996002	1	TRUE	1
chrX	7238682	7242917	ReverseStr: K.IQSLNDQ	1	2	TRUE	2
chrV	13047963	13049220	ReverseStr: R.RCICYTFV	0.999987	2	FALSE	2
chrV	11098963	11107258	NovelExon K.ISKKIFGSI	0.994368	1	TRUE	1
chrIV	13673780	13677799	FrameShift E.IGQKNQF	0.997839	1	TRUE	1
chrX	1528171	1530991	NovelGene R.TLFPVSS	0.999962	2	FALSE	2
chrIII	2605221	2606491	ExonBound K.RIPLAETS	0.997951	1	TRUE	1
chrII	3514966	3515487	ReverseStr: K.HYTNKPV	1	3	FALSE	3
chrII	1311221	1320445	FrameShift R.KCHLQAI	0.997488	1	TRUE	1

chrIII	9081751	9082437	FrameShift	_.HKEYKTEI	0.995393	1	TRUE	1
chrIV	2887040	2889019	GeneBound	K.NFAVVYL	1	3	FALSE	3
chrIII	8720121	8725253	GeneBound	K.LFMERYS	0.999966	2	FALSE	2
chrI	1483085	1491282	ReverseStr	_.KSRVVDII	0.999997	2	TRUE	2
chrV	19898092	19904307	ReverseStr	K.CKKKTKK	1	3	TRUE	3
chrII	1556451	1557485	FrameShift	S.VLETLDGI	0.994849	1	TRUE	1
chrIII	10531291	10532604	GeneBound	R.SQVDDVI	1	3	FALSE	3
chrIV	13882707	13884152	NovelExon	_.HQFLMKI	0.996634	1	TRUE	1
chrIV	13369402	13370269	ReverseStr	K.KNAEIDEI	1	3	TRUE	2
chrIII	11181950	11195108	NovelExon	R.DFAQAAI	0.995255	1	TRUE	1
chrV	20898906	20903410	NovelExon	I.DFDFVMV	0.99441	1	TRUE	1
chrII	8191722	8193278	GeneBound	R.YMHTGA	0.999992	2	FALSE	2
chrIII	13527337	13539851	NovelExon	R.KKGKQVR	1	1	TRUE	1
chrIII	12559601	12575265	ReverseStr	K.KTFFSGKI	1	4	TRUE	4
chrIII	5848795	5853225	ExonBound	K.IFRIQVVY	0.995624	1	TRUE	1
chrIII	2608007	2618858	NovelExon	K.KNHQFPI	0.995879	1	TRUE	1
chrII	8630733	8634264	NovelExon	_.MYYGIYF	0.99504	1	TRUE	1
chrII	1489937	1500338	NovelExon	R.KYQKYQK	0.999043	1	TRUE	1
chrIV	15032462	15037004	NovelExon	R.SNRKPHV	0.999288	1	TRUE	1
chrIII	4706943	4708399	ExonBound	K.SGVDTIKI	0.997406	1	TRUE	1
chrX	1359587	1362031	NovelExon	K.NYFQIEQ	0.997085	1	TRUE	1
chrII	11705927	11713548	FrameShift	R.NFSDETLI	0.997505	1	TRUE	1
chrI	1895163	1923098	NovelExon	K.KMIKAGL	0.995475	1	TRUE	1
chrIII	6013446	6019503	FrameShift	K.DSQLNLT	0.995269	1	TRUE	1
chrII	13632585	13636912	GeneBound	R.SPYHQRC	0.999983	3	FALSE	2
chrI	11075751	11134660	NovelExon	R.QMGKLP	0.998802	1	TRUE	1
chrV	6065490	6067072	ExonBound	R.SFQEWWM	0.994607	1	TRUE	1
chrX	1074221	1079336	GeneBound	K.KKRNEKI	0.999946	2	FALSE	2
chrX	2180891	2185847	ExonBound	_.YILLQNAI	0.994673	1	TRUE	1
chrV	11081034	11082479	FrameShift	R.VAPEEHP	0.998337	2	TRUE	1
chrV	12255603	12258774	FrameShift	R.QMLQNC	0.996113	1	TRUE	1
chrI	8676657	8681328	FrameShift	K.KAEKKVR	0.998343	1	TRUE	1
chrIV	4884288	4886889	ReverseStr	K.QRKKRYC	0.999983	2	FALSE	2
chrX	7727850	7733257	FrameShift	R.VAIVCSK	0.994317	1	TRUE	1
chrIII	11242183	11243859	NovelGene	R.QIKDMTC	0.999955	2	FALSE	2
chrI	13379906	13384360	NovelExon	_.AQYKTIKI	0.995545	1	TRUE	1
chrI	3005429	3013450	NovelExon	K.QKFEICEK	0.994329	1	TRUE	1
chrII	14234898	14243515	NovelExon	K.MLEILMF	0.998395	1	TRUE	1
chrI	6836468	6838141	ExonBound	_.NTFAMA	0.998502	1	TRUE	1
chrI	7224732	7227763	ReverseStr	_.RYTDTGK	0.999945	2	FALSE	2
chrV	7875737	7876725	ExonBound	K.EVRDNYK	0.997297	1	TRUE	1
chrV	16020322	16022632	FrameShift	R.INNAISILI	0.996465	1	TRUE	1
chrIV	2881553	2890447	GeneBound	K.KNMAVH	0.999992	2	FALSE	2
chrI	2883498	2893720	NovelExon	_.MREEGM	0.997075	1	TRUE	1
chrI	14652105	14657286	FrameShift	R.RRILSVQI	1	1	TRUE	1
chrIV	15445348	15453155	ReverseStr	R.CRVFGGI	0.999981	2	TRUE	2
chrI	9689188	9690118	GeneBound	R.QETWNK	0.999944	2	FALSE	2

chrIII	8071850	8080208	ReverseStr: K.LTMVAAI	0.99999	2	TRUE	2
chrII	3520706	3524183	GeneBounc K.ISLMDRO	0.999989	2	FALSE	2
chrII	8569876	8570999	FrameShift Q.APILQVP	0.999999	2	TRUE	2
chrIII	10289891	10291937	NovelGene K.LGGGGGI	0.999982	2	FALSE	2
chrI	10030162	10046749	NovelExon K.LQNFTEŠ	0.999044	1	TRUE	1
chrX	1865240	1866632	ReverseStr: R.GNGWTC	0.999982	2	TRUE	2
chrIV	7122182	7123935	GeneBounc K.EENNQKI	0.999951	2	FALSE	2
chrV	10023535	10028135	GeneBounc K.ASDAWD	0.999996	2	FALSE	2
chrI	3799208	3805721	NovelExon K.KMFPEKI	0.997478	1	TRUE	1
chrIII	6675748	6703943	NovelExon K.NSENRAI	0.994785	1	TRUE	1
chrI	2330897	2332637	GeneBounc K.KTNGVLE	0.999977	2	FALSE	2
chrIII	4754553	4756984	GeneBounc E.GGDWTH	1	4	FALSE	4
chrIV	3292445	3294630	ReverseStr: R.QTLPFQF	1	5	TRUE	5
chrIV	8152431	8154845	NovelExon K.PKNVCKL	1	1	TRUE	1
chrIV	344343	358882	ExonBounc R.NEGRMF	0.994542	1	TRUE	1
chrV	64564	83770	ReverseStr: K.FSRHVGS	0.999986	2	TRUE	2
chrIII	13701892	13723972	ReverseStr: R.FEKFSQS'	0.999979	2	TRUE	2
chrII	9113157	9132148	FrameShift R.SCSKSSKŠ	0.998637	1	TRUE	1
chrX	9850151	9851317	FrameShift N.MILDMLŠ	0.997621	1	TRUE	1
chrV	6576850	6577763	GeneBounc K.LPFGIGPI	1	4	FALSE	3
chrIII	7188295	7188925	GeneBounc K.NKWMNI	0.99997	2	FALSE	2
chrII	4314419	4316113	NovelExon R.LFKENLEŠ	0.998481	1	TRUE	1
chrII	11465116	11468589	GeneBounc K.LLFHQSKŠ	1	3	FALSE	3
chrX	5959080	5970132	NovelExon N.HQNWN	1	1	TRUE	1
chrII	10720442	10729193	NovelExon K.NLVPNPF	0.9966	1	TRUE	1
chrV	19031713	19035222	NovelExon R.CYRILAIPI	0.996122	1	TRUE	1
chrX	11916937	11920090	FrameShift R.SSCFLAGŠ	0.995001	1	TRUE	1
chrIII	3318592	3321236	NovelExon R.PDFSLNSŠ	0.995691	1	TRUE	1
chrV	19693866	19697368	ReverseStr: R.RNTRNHI	1	3	TRUE	3
chrII	7525718	7528194	GeneBounc _DYSEKLLKŠ	0.999977	3	FALSE	2
chrIV	2378464	2381957	FrameShift R.MDSDWŠ	0.998529	1	TRUE	1
chrI	13548063	13559350	GeneBounc R.QKMAKN	1	3	FALSE	3
chrV	10395654	10397794	ReverseStr: R.PNFFSVE	0.999953	2	FALSE	2
chrV	210152	212714	ReverseStr: _TRIINKMŠ	0.999954	2	TRUE	2
chrIV	9407199	9408087	ReverseStr: R.SKCHQCF	1	8	TRUE	5
chrV	6235157	6237654	FrameShift R.FDSLVLŠ	0.999453	1	TRUE	1
chrX	9303665	9310424	FrameShift K.YCCVFPD	0.996169	1	TRUE	1
chrI	10772411	10776028	ReverseStr: K.FKGLDFŠ	0.999963	2	TRUE	2
chrI	398894	412513	FrameShift Y.IPPKATGI	0.997939	1	TRUE	1
chrIV	5397089	5397736	GeneBounc K.KDQKMS	0.999981	2	FALSE	2
chrV	6434113	6436383	ExonBounc R.VDLAHVŠ	1	2	TRUE	2
chrIV	5399669	5400001	NovelGene K.KVPKSIFR	0.999991	2	FALSE	2
chrIV	2315424	2315988	ReverseStr: R.VQAFSTŠ	1	3	TRUE	3
chrIV	4389128	4390624	ReverseStr: _TCSPPRH	1	4	TRUE	4
chrI	11618	16842	NovelExon K.SVETENA	0.99733	1	TRUE	1
chrIII	12152798	12159556	ExonBounc K.DKKRKAC	0.99497	1	TRUE	1
chrIV	13289762	13297844	NovelExon R.GLRNKRA	0.996792	1	TRUE	1

chrX	8844235	8848504	ReverseStr: K.FYIFQNK	0.999978	2	TRUE	2
chrX	7230661	7238618	NovelExon R.VEEKSEEI	0.996976	1	TRUE	1
chrIV	11248880	11259443	ExonBounc K.MAKLMV	0.994398	1	TRUE	1
chrV	13689880	13692672	ReverseStr: K.TKEMAQ	1	3	FALSE	3
chrX	3393850	3397454	ReverseStr: _QALYSYSI	1	3	FALSE	3
chrI	11075884	11090291	NovelExon K.LLAISLNC	0.996743	1	TRUE	1
chrII	14104698	14108428	FrameShift R.FANKLET	0.996499	1	TRUE	1
chrIV	12769108	12769231	NovelGene R.KKKKRVP	0.999974	2	FALSE	2
chrIV	12521217	12522599	ReverseStr: K.MESSKTC	1	4	FALSE	4
chrI	11930716	11931750	ReverseStr: R.RMRNRV	1	3	TRUE	2
chrV	4511963	4517328	NovelExon K.LQLSGLPI	0.994486	1	TRUE	1
chrIII	9498074	9500120	ReverseStr: P.ACLTTDD	0.999988	2	TRUE	2
chrII	5864173	5866947	ExonBounc _FSSESKM	0.997214	1	TRUE	1
chrIII	8905549	8911669	ExonBounc F.KNSFLQA	0.997944	1	TRUE	1
chrIII	2836631	2838449	GeneBounc R.DITLSSLR	0.999992	4	FALSE	2
chrX	7823603	7825047	FrameShift K.NMITGTS	0.998989	1	TRUE	1
chrIV	13031570	13034091	FrameShift R.WEDLPIN	0.997767	1	TRUE	1
chrV	10951962	10953462	FrameShift R.TNIVSPEI	0.996102	1	TRUE	1
chrI	14496798	14498279	ReverseStr: K.QCLHHNI	1	3	TRUE	3
chrI	5886628	5895974	GeneBounc _NKEMTT	0.999947	2	FALSE	2
chrII	15064615	15071590	ReverseStr: K.LLILYKMT	0.999995	3	TRUE	2
chrII	13369535	13375220	FrameShift R.ATNLWRI	0.998156	1	TRUE	1
chrV	14232264	14236037	FrameShift R.QSSTSSG	0.997211	1	TRUE	1
chrIII	8212687	8216265	ReverseStr: R.IGFSATM	0.999999	2	TRUE	2
chrI	10191291	10192884	ExonBounc R.ASDANN	0.997818	1	TRUE	1
chrII	8143829	8144621	FrameShift _EWSMLTI	0.996553	1	TRUE	1
chrIV	344343	358882	GeneBounc R.CEYEGEQ	0.999939	2	FALSE	2
chrIII	9208227	9215362	NovelExon _LPFPNKV	0.994755	1	TRUE	1
chrV	6901669	6929020	NovelExon R.YNFATKY	0.995914	1	TRUE	1
chrX	11603999	11605354	ReverseStr: R.NSVANIG	1	6	TRUE	4
chrIII	12171251	12177144	NovelExon K.MCKKCAI	0.999095	1	TRUE	1
chrII	15179895	15183156	NovelExon _RFAEFAG	0.998003	1	TRUE	1
chrIV	849273	854780	NovelExon R.KDFRISRF	0.994493	1	TRUE	1
chrI	3653961	3655332	FrameShift R.RMPLCCS	0.999979	2	TRUE	2
chrIII	5408047	5413138	NovelExon K.VSKNYGII	0.995317	1	TRUE	1
chrII	6979909	6988587	ExonBounc _DTYYSNK	0.994584	1	TRUE	1
chrX	9235049	9242164	ExonBounc R.MLTFCRK	0.998669	1	TRUE	1
chrII	9934345	9936836	ReverseStr: K.FDPELLSM	0.999991	2	FALSE	2
chrV	16488451	16489083	GeneBounc R.KILDWLG	0.999952	2	FALSE	2
chrIV	9636963	9641986	ReverseStr: K.MGLSHEI	0.999962	2	TRUE	2
chrV	19503082	19519920	ReverseStr: K.PEPKTKPI	0.999991	2	TRUE	2
chrV	14185770	14192143	FrameShift N.RRAFGVC	0.996109	1	TRUE	1
chrV	6257962	6267174	NovelExon A.FKKYCNF	0.996517	1	TRUE	1
chrX	250428	250975	NovelGene R.FLTENSM	0.999969	2	FALSE	2
chrIV	10472758	10478148	ReverseStr: E.QLFLQYP	0.999997	2	TRUE	2
chrI	8095735	8098437	FrameShift R.RMKFPM	0.999955	2	TRUE	2
chrIV	14837134	14853633	NovelExon K.KSNREVE	0.994252	1	TRUE	1

chrI	2587543	2595282	ReverseStr: P.GKNSLPP	0.999926	2	FALSE	2
chrV	18860259	18894947	NovelExon _KCDFYLKI	0.996012	1	TRUE	1
chrX	8931187	8939207	GeneBounc K.CVFLISIEI	1	4	FALSE	4
chrII	11109526	11111111	ReverseStr: K.NSIFSKTE	0.999998	2	FALSE	2
chrX	4984047	4993205	GeneBounc R.RRSPHSS	1	4	FALSE	4
chrIV	3903195	3905557	ReverseStr: K.FLKKFIRY	0.999963	2	TRUE	2
chrI	11979431	11985646	NovelExon _RKFSIAAI	0.995551	1	TRUE	1
chrII	13057025	13071460	FrameShift R.INNCLTEI	1	2	TRUE	2
chrII	1132368	1134159	ReverseStr: R.LRRRLSDI	1	5	TRUE	5
chrIV	4447342	4449872	GeneBounc K.KNQEINII	1	6	FALSE	3
chrIII	6040284	6045075	ReverseStr: R.FFTGLKSI	0.999964	2	TRUE	2
chrIII	10160599	10183440	ExonBounc K.NQTPKKC	0.997313	1	TRUE	1
chrIII	3290137	3294323	ReverseStr: K.KNAKNPE	0.999965	2	TRUE	2
chrV	11827306	11829351	GeneBounc R.VLASPIRF	0.999947	2	FALSE	2
chrV	3673903	3676619	ReverseStr: R.SDIDKSGI	0.999992	3	TRUE	2
chrIII	5121972	5130636	FrameShift R.VSCAEAK	0.999388	1	TRUE	1
chrIV	138461	147919	ExonBounc K.SSNFQGK	0.997981	1	TRUE	1
chrII	8238405	8243697	GeneBounc K.FTEITQK	1	3	FALSE	3
chrIII	3867833	3869484	NovelExon _QRLTRGC	0.998893	1	TRUE	1
chrII	12388229	12389775	FrameShift K.LYRNSMI	0.999155	1	TRUE	1
chrIV	13239567	13240600	ReverseStr: _SVPPLRG	0.999985	4	TRUE	2
chrII	13015292	13025768	ReverseStr: R.TSTQSPP	1	3	TRUE	3
chrI	12921993	12923535	TranslatedI _TRRNQGI	0.999999	2	TRUE	2
chrX	12445535	12445959	NovelGene K.IEMEFIVI	0.999945	2	FALSE	2
chrI	13626506	13628438	ReverseStr: R.HLCEFPI	0.999992	2	TRUE	2
chrIV	1981406	1991720	NovelExon _TQNCLKT	0.994746	1	TRUE	1
chrIV	2034982	2035986	NovelExon R.VENCFAL	0.997533	1	TRUE	1
chrIV	3658952	3662763	ReverseStr: K.NTENTGI	0.999971	2	TRUE	2
chrIV	7792337	7794797	ReverseStr: K.QMLGFII	0.999996	3	TRUE	2
chrII	2443297	2451145	FrameShift G.TLQASGV	0.994607	1	TRUE	1
chrII	1425739	1437506	NovelExon K.NEEITGIR	0.994984	1	TRUE	1
chrV	10393508	10395209	NovelExon R.PNFFSVE	0.994579	1	TRUE	1
chrIII	8853723	8861021	FrameShift R.IGENLST	1	1	TRUE	1
chrII	3791537	3792105	FrameShift K.NQKTKN	0.999963	2	TRUE	2
chrIV	14549799	14551929	ReverseStr: K.NVQKSA	0.999938	3	FALSE	2
chrII	1132368	1134159	GeneBounc K.HRCHKNI	1	3	FALSE	3
chrV	5480734	5482399	GeneBounc R.IHMILHM	0.999972	2	FALSE	2
chrIV	12832314	12834550	NovelGene R.SRVREVR	0.999995	2	FALSE	2
chrI	2876934	2878519	GeneBounc _RGSRHSC	1	5	FALSE	4
chrIII	13351292	13356266	ReverseStr: R.RGDVPE	1	2	TRUE	2
chrV	18379091	18379261	ReverseStr: R.AENIPL	0.999985	2	TRUE	2
chrIII	3613203	3627125	ReverseStr: _LGTFENS	0.99998	2	TRUE	2
chrV	877531	878633	NovelExon R.IEAGGGG	0.998296	1	TRUE	1
chrIII	10629979	10633402	ReverseStr: R.ADGQTA	0.999974	2	TRUE	2
chrIV	15210090	15215594	NovelExon G.RVCFRGS	0.999686	1	TRUE	1
chrX	8443884	8444616	NovelGene K.MRRMVC	0.999983	2	FALSE	2
chrIII	5535618	5543128	ReverseStr: K.SNGSGA	0.999999	3	TRUE	3

chrII	11739421	11743335	FrameShift	R.WRYCKST	0.995411	1	TRUE	1
chrIII	13165111	13169419	ReverseStr	R.ISIVNLLR	1	4	TRUE	3
chrIII	6807443	6815943	FrameShift	R.SCRWNP'	0.994483	1	TRUE	1
chrIV	7461953	7465948	GeneBounc	K.MFPNKEF	0.999992	2	FALSE	2
chrIII	8443843	8446846	ExonBounc	F.QVFENVV	0.999839	1	TRUE	1
chrI	1062296	1065272	NovelExon	R.IACISLEKI	0.998506	1	TRUE	1
chrI	108686	110077	ReverseStr	K.VQHHLFE	1	8	TRUE	6
chrI	7866244	7872075	ExonBounc	K.DTGAAN/	0.999773	1	TRUE	1
chrIII	6202370	6206151	ReverseStr	R.KSFQRNF	1	5	FALSE	5
chrX	16685870	16687972	FrameShift	R.EMWRTF	0.996631	1	TRUE	1
chrII	11444098	11445191	GeneBounc	R.LKSSESKC	0.999972	3	FALSE	2
chrI	4884904	4895496	NovelExon	_.FNEDEKV	0.996718	1	TRUE	1
chrII	2274881	2279151	FrameShift	K.ADGIYQK	0.997242	1	TRUE	1
chrX	5738756	5743274	ExonBounc	R.FPSSAATI	0.997786	1	TRUE	1
chrX	11410117	11414747	FrameShift	K.NWQNFN	0.998528	1	TRUE	1
chrIII	4078416	4082770	FrameShift	R.LLPKSALF	0.999997	2	TRUE	2
chrIV	8894068	8901372	NovelExon	K.KIKIPVNL	0.99466	1	TRUE	1
chrV	6121270	6202609	FrameShift	K.QLWKMM	0.995043	1	TRUE	1
chrII	4752384	4752938	GeneBounc	K.LSKIDLSP	0.999971	2	FALSE	2
chrII	14252280	14255564	ReverseStr	K.FPVVFPF	0.999999	2	TRUE	2
chrX	3807449	3816415	NovelExon	K.KPTETPKI	0.996611	1	TRUE	1
chrX	370258	371112	NovelGene	K.ITLNNSGI	0.999982	2	FALSE	2
chrIII	10140941	10141337	ReverseStr	K.QTIITEYK	0.999956	2	TRUE	2
chrII	2771087	2772271	GeneBounc	R.IYIPAMLK	0.999993	2	FALSE	2
chrIV	6019693	6034527	NovelExon	K.WRDWGC	0.998008	1	TRUE	1
chrV	4110581	4112601	GeneBounc	R.CSRITVSS	0.999958	2	FALSE	2
chrIII	7894959	7895205	GeneBounc	R.HERESSK	0.999991	2	FALSE	2
chrV	12302465	12306953	FrameShift	R.ITRCSESN	0.994868	1	TRUE	1
chrX	17151448	17154513	GeneBounc	R.NGSTAAL	0.999964	2	FALSE	2
chrIV	1087575	1093920	ReverseStr	K.KLEFLLEN	1	3	TRUE	3
chrIII	6415726	6421659	NovelExon	K.VISVTGSH	0.99779	1	TRUE	1
chrX	3807449	3816415	FrameShift	K.KSQSLQS	0.996063	1	TRUE	1
chrIV	11688204	11691065	NovelExon	R.HYKMAG	0.997377	1	TRUE	1
chrX	8697765	8702770	ReverseStr	G.QLEEHW	1	3	TRUE	3
chrV	4517668	4549277	ExonBounc	K.ASVSGEE	0.995675	1	TRUE	1
chrIV	8261131	8266441	NovelExon	R.GQVTFEL	0.997914	1	TRUE	1
chrV	19455988	19457271	GeneBounc	R.KAWLNV	0.999979	2	FALSE	2
chrX	13844131	13844605	ReverseStr	K.MSENKN'	0.999948	2	FALSE	2
chrIV	10145227	10146203	FrameShift	R.ALESSRRI	0.996799	1	TRUE	1
chrII	13278105	13304159	Translated	K.MSKGGG	1	3	TRUE	3
chrV	20717841	20729240	NovelExon	K.FGNWNF	0.998128	1	TRUE	1
chrII	13015292	13025768	NovelExon	_.YCRKMQL	0.995646	1	TRUE	1
chrX	13507496	13510228	ExonBounc	I.IMFQNTL	0.996391	1	TRUE	1
chrV	8701410	8703038	GeneBounc	R.KKKNFLV	0.999977	2	FALSE	2
chrV	16462417	16466336	ExonBounc	R.VMYKKAI	0.994943	1	TRUE	1
chrV	9175775	9177978	FrameShift	K.LLEMHN'	0.994991	1	TRUE	1
chrIII	4248128	4263021	FrameShift	K.STKYGHG	0.997398	1	TRUE	1

chrIII	6889720	6895039	FrameShift	K.MKFGRS	0.995444	1	TRUE	1
chrX	7727850	7733257	FrameShift	R.RPMIMSI	0.996474	1	TRUE	1
chrX	2621266	2664365	ReverseStr	R.NWRVAC	1	4	TRUE	4
chrV	10011847	10028135	Translated	K.TIPLCFLL	0.999986	2	TRUE	2
chrX	14664220	14671231	FrameShift	R.YSGNYFN	0.996354	1	TRUE	1
chrIII	7866443	7868661	FrameShift	K.MAGMA	0.996429	1	TRUE	1
chrX	7925389	7926541	ReverseStr	K.KTPIIPKF	0.999974	2	TRUE	2
chrI	6874303	6876927	ExonBound	K.SDIWAFG	0.996327	1	TRUE	1
chrI	6900971	6913578	ReverseStr	_.DVGLEM	1	3	TRUE	3
chrI	14909229	14913062	FrameShift	R.AMLPSIV	0.994589	1	TRUE	1
chrIII	911250	912228	FrameShift	_.PTGTLAD	0.997075	1	TRUE	1
chrX	11068461	11071859	FrameShift	F.GKNSVGS	0.995938	1	TRUE	1
chrX	9801033	9807604	ReverseStr	K.MWRFLG	0.999977	2	TRUE	2
chrIV	14658290	14675110	GeneBound	R.RETQTTV	0.999977	2	FALSE	2
chrII	9589804	9591141	ReverseStr	F.NSVSWS	1	3	FALSE	3
chrV	12846902	12849849	ReverseStr	K.SIETTKNK	0.99998	2	TRUE	2
chrIV	14401085	14412859	FrameShift	K.FHLLMM	0.999122	1	TRUE	1
chrII	13309220	13311409	GeneBound	T.LEVTWM	0.999965	3	FALSE	2
chrV	8899254	8902192	GeneBound	R.TRFELVS	0.999981	2	FALSE	2
chrI	398894	412513	FrameShift	K.STRVLRQ	0.995562	1	TRUE	1
chrIV	9531251	9533156	ReverseStr	_.HVPIKNG	0.999937	2	TRUE	2
chrI	2069686	2070577	ReverseStr	K.PRSSSKH	1	5	TRUE	3
chrV	3673903	3676619	FrameShift	R.ECSKSQE	0.994581	1	TRUE	1
chrI	10567883	10569008	FrameShift	_.NTGMGP	0.999999	2	TRUE	2
chrIV	4399872	4400393	ReverseStr	R.ETGETQK	0.999965	2	FALSE	2
chrII	9519037	9520151	FrameShift	R.SQPLLLN	0.99726	1	TRUE	1
chrI	6225098	6225966	FrameShift	R.CGWRW	0.996083	1	TRUE	1
chrX	6709499	6712887	GeneBound	R.GGFGTSR	0.99999	4	FALSE	2
chrX	15348877	15350932	NovelGene	K.MTSRRLI	1	3	FALSE	3
chrIV	16934226	16939077	ReverseStr	R.STNQWD	1	4	TRUE	4
chrV	16059761	16062073	FrameShift	K.NLMPGIM	0.999199	1	TRUE	1
chrV	18839281	18845372	ReverseStr	R.NEKFSEN	0.999963	2	FALSE	2
chrII	12836409	12840088	ReverseStr	_.NPSDPLT	0.999978	2	TRUE	2
chrI	13514533	13526246	FrameShift	_.STRTHGK	0.997279	1	TRUE	1
chrII	11614572	11633545	ReverseStr	E.PVRLGGE	0.999998	2	TRUE	2
chrII	14347049	14348718	ReverseStr	K.IEKIGILW	1	3	FALSE	3
chrV	13823112	13825211	FrameShift	K.LECFIKEA	0.996918	1	TRUE	1
chrI	1967821	1973885	NovelExon	K.MAENSN	0.997943	1	TRUE	1
chrII	3988703	3989688	ReverseStr	R.RWAETK	0.999945	2	TRUE	2
chrII	9242244	9249063	GeneBound	R.VFSCYKK	0.999982	2	FALSE	2
chrII	411222	416618	GeneBound	R.FKWIGAS	0.999994	2	FALSE	2
chrI	557434	561674	GeneBound	R.RDLGNVF	0.999975	2	FALSE	2
chrX	17460698	17464892	ReverseStr	K.LIGTDPE	1	3	FALSE	3
chrI	7871579	7875555	NovelExon	K.LSSYLAIH	0.999675	1	TRUE	1
chrIV	14616575	14623936	Translated	K.HFEIYTES	0.999959	2	TRUE	2
chrIV	8261131	8266448	NovelSplice	_.DMDYAF	0.999932	1	TRUE	1
chrIII	5413184	5413954	ReverseStr	R.IEVEGTG	0.999983	2	FALSE	2

chrIV	5651074	5660514	FrameShift	K.ISSVPNIQ	0.996939	1	TRUE	1
chrII	3119334	3123187	FrameShift	K.VVKSSGT	0.995964	1	TRUE	1
chrV	7193745	7196119	ReverseStr	L.EDESAAV	1	5	TRUE	3
chrX	15842289	15847520	ReverseStr	K.SFMTYVI	0.99996	2	TRUE	2
chrIII	7508110	7515214	FrameShift	K.LLPVNQP	0.996512	1	TRUE	1
chrIII	6974288	6977970	FrameShift	R.EEVCYQM	0.998414	1	TRUE	1
chrIV	6552481	6555879	ReverseStr	R.MRRLFP	0.999983	2	TRUE	2
chrX	5101001	5106142	FrameShift	_.RTPSASSI	0.999961	3	TRUE	1
chrIII	4623020	4626141	ReverseStr	N.LPTSKPG	0.999968	2	TRUE	2
chrI	506480	509059	FrameShift	K.MIKTSFS/	0.998139	1	TRUE	1
chrIV	10642699	10652280	ReverseStr	K.FSEGPNV	0.999999	2	TRUE	2
chrIII	8001392	8001443	NovelGene	R.KLCFLVDI	0.999983	2	FALSE	2
chrIV	10204206	10206051	ExonBound	R.IYMFEGG	0.998224	1	TRUE	1
chrX	10147433	10152726	ReverseStr	R.NYFRYISM	0.999975	2	FALSE	2
chrIII	12315378	12315756	GeneBound	_.SCRLIFVM	0.999988	2	FALSE	2
chrIII	3336	11940	FrameShift	R.GEWSYKI	0.994178	1	TRUE	1
chrI	9289736	9293999	ReverseStr	K.KKTPNEK	0.999983	2	TRUE	2
chrV	12406210	12406998	ExonBound	_.FVVDGSS	0.996482	1	TRUE	1
chrI	14062721	14068797	ReverseStr	_.VLCKLEDI	0.999995	2	FALSE	2
chrIV	1231897	1232812	ReverseStr	K.NEQKPEL	0.999992	2	FALSE	2
chrIII	5993181	6006318	NovelExon	R.RATTFAT	0.996303	1	TRUE	1
chrX	8418593	8422002	ReverseStr	R.NSHKNTC	0.999965	2	TRUE	2
chrIV	959452	984392	ReverseStr	K.LSNFREIS	0.999975	2	TRUE	2
chrIII	1758712	1759774	NovelExon	R.RSTLVPVI	0.996374	1	TRUE	1
chrV	7231172	7232731	FrameShift	R.WCYLESS	0.996656	1	TRUE	1
chrII	6792188	6799222	FrameShift	K.NGRNFSV	0.997238	1	TRUE	1
chrV	13098895	13110322	ReverseStr	R.SNRILMT	0.999976	2	TRUE	2
chrI	9973371	9976305	NovelExon	K.QLKENIF	0.994406	1	TRUE	1
chrII	9358472	9369040	NovelExon	K.HIDNKSE	0.999831	1	TRUE	1
chrI	4229889	4236040	FrameShift	R.MSCASL	0.994406	1	TRUE	1
chrII	14450447	14451411	NovelGene	K.ILKIKMQ	0.999994	2	FALSE	2
chrX	11109384	11115775	ExonBound	R.NKFNLF	0.994147	1	TRUE	1
chrIII	4333369	4340455	ExonBound	K.SCRMDS	0.994162	1	TRUE	1
chrII	9922189	9930771	NovelExon	K.ILSKILDF	0.997221	1	TRUE	1
chrIII	6508079	6509449	NovelExon	_.SEINWSH	0.996639	1	TRUE	1
chrIII	13256779	13262795	NovelExon	R.QFDTIAD	0.99758	1	TRUE	1
chrX	9733237	9737692	ReverseStr	K.NKSKNGC	0.999918	2	TRUE	2
chrII	1425739	1437506	NovelExon	K.SKCFLEF	0.994645	1	TRUE	1
chrIV	2390820	2396275	ReverseStr	K.ECRLLGTI	0.999996	3	TRUE	2
chrX	5333045	5335438	GeneBound	R.ISNIEGDT	0.999987	3	FALSE	2
chrV	19056936	19057013	NovelGene	K.NYSTKFKI	0.999985	2	FALSE	2
chrI	7813756	7815037	ReverseStr	K.LMEFSEN	0.999956	2	TRUE	2
chrX	10515362	10518589	ReverseStr	K.HECIFHH	0.99993	2	FALSE	2
chrX	11271120	11275418	Translated	R.TVNYEVII	0.999999	2	TRUE	2
chrIV	7304863	7308339	FrameShift	M.KKINNHI	0.995134	1	TRUE	1
chrII	14276575	14283901	FrameShift	_.FQIFSVM	0.997947	1	TRUE	1
chrIII	10257090	10258645	NovelExon	K.ILGHHSF	0.999787	1	TRUE	1

chrV	5503017	5504840	FrameShift	R.NLTSNLLI	0.998869	1	TRUE	1
chrII	11739421	11743335	GeneBounc	R.FQCPIER\	0.999998	2	FALSE	2
chrIII	13464728	13471247	GeneBounc	K.VLRHQKF	1	3	FALSE	3
chrII	5606525	5607840	GeneBounc	K.KNYAPIRI	0.999917	2	FALSE	2
chrX	3567384	3572536	ReverseStr	K.VSNVLTW	1	9	TRUE	7
chrX	7823603	7825047	GeneBounc	K.SGDAGIV	0.999994	3	FALSE	2
chrI	189058	202489	FrameShift	R.EKAAGKA	0.996401	1	TRUE	1
chrIV	16483178	16488988	ReverseStr	K.KVELALW	1	6	TRUE	2
chrX	3380517	3382882	FrameShift	K.LYTGQMI	0.994318	1	TRUE	1
chrIII	491545	502148	NovelExon	K.TLKKRDK	0.9969	1	TRUE	1
chrX	14462787	14464330	ExonBounc	K.NWSLGP	0.998173	1	TRUE	1
chrX	13113867	13116278	FrameShift	K.TCITTIVT	0.99853	1	TRUE	1
chrI	14171852	14172774	ReverseStr	K.LSSTSSEL	0.999988	2	FALSE	2
chrV	3958224	3961343	GeneBounc	R.HVPSESS	0.999991	2	FALSE	2
chrV	6758176	6760392	ReverseStr	K.HREGNIS	1	4	TRUE	3
chrIII	8453190	8456223	NovelGene	_.GSAQLFL	0.999976	2	FALSE	2
chrIII	13107506	13118800	GeneBounc	K.YAIKDDN	0.999938	2	FALSE	2
chrIII	10141380	10143231	NovelExon	K.QTIITEYK	0.994311	1	TRUE	1
chrIV	8666239	8666825	GeneBounc	R.ATDDWII	0.999992	2	FALSE	2
chrIII	560137	572134	NovelExon	I.EAENGTE	0.999671	1	TRUE	1
chrI	10030162	10046749	NovelExon	R.QRGEDSI	0.998497	1	TRUE	1
chrI	3523373	3529959	ReverseStr	R.FSPHSSSF	0.999963	2	TRUE	2
chrII	5116024	5118267	ExonBounc	R.FENNDIA	0.997227	1	TRUE	1
chrIV	13370946	13371589	GeneBounc	R.LSECKFTA	1	3	FALSE	2
chrI	7480131	7483388	GeneBounc	R.MSRSHF\	0.999943	2	FALSE	2
chrX	12274974	12275609	FrameShift	R.VFRQTAM	0.995385	1	TRUE	1
chrII	1127983	1132354	ReverseStr	R.KVQESSP	1	3	TRUE	3
chrX	14602997	14608590	FrameShift	K.KIQTM	0.998212	1	TRUE	1
chrX	17401393	17402534	GeneBounc	_.SISRLSKP	0.999941	2	FALSE	2
chrI	1416593	1424610	NovelExon	R.MFTEEN\	0.996991	1	TRUE	1
chrV	6882021	6890939	FrameShift	R.KVRQQG	0.997074	1	TRUE	1
chrIV	4387710	4388871	GeneBounc	R.PQSSIGLI	1	3	FALSE	3
chrII	14754593	14778061	NovelExon	K.FPENRHI	0.997965	1	TRUE	1
chrV	2233481	2235137	FrameShift	R.NQVINSI	0.99881	1	TRUE	1
chrIII	13342583	13343236	FrameShift	R.INSEGTP	0.995667	1	TRUE	1
chrIII	7095491	7097017	ExonBounc	K.KFTQIQN	0.995968	1	TRUE	1
chrV	4113320	4114712	FrameShift	R.CSRITVSS	0.994795	1	TRUE	1
chrX	8285631	8286726	GeneBounc	K.FTPWNTF	0.999983	2	FALSE	2
chrIV	16424618	16429865	NovelExon	R.KMGGLL	0.994591	1	TRUE	1
chrIV	92016	110361	NovelExon	K.NNGTPVI	0.997341	1	TRUE	1
chrII	11679033	11680220	GeneBounc	R.WDQNTF	1	3	FALSE	3
chrV	16258422	16260666	FrameShift	R.RQPAAW	0.996309	1	TRUE	1
chrII	13160345	13165663	ReverseStr	K.LKYNNKN	0.999954	2	FALSE	2
chrII	4938050	4938596	GeneBounc	R.PMNYNLI	0.99998	2	FALSE	2
chrIV	8503480	8510498	GeneBounc	R.EVPLPISE	0.999965	2	FALSE	2
chrIV	1247386	1249025	ReverseStr	R.RVACRRF	0.999967	2	TRUE	2
chrV	9336738	9338834	GeneBounc	R.WRFGTG	0.999998	4	FALSE	2

chrIV	12978993	12981916	ReverseStr: K.TVLSGMK	0.999957	2	FALSE	2
chrII	135466	139594	ReverseStr: K.KFCKKCC	1	3	FALSE	3
chrIII	949316	950600	FrameShift R.RSKFYEN	0.99744	1	TRUE	1
chrV	13553359	13556396	ReverseStr: R.YWWSLC	0.999998	2	TRUE	2
chrII	3452645	3453605	GeneBound R.LIFNKCF	0.999978	3	FALSE	2
chrV	20580965	20590309	NovelExon R.IPLKNCP	0.9977	1	TRUE	1
chrIII	12434310	12435122	NovelExon K.IILALFEH	0.99884	1	TRUE	1
chrX	9501561	9516378	NovelExon Y.FRLQGSII	0.996523	1	TRUE	1
chrIV	15946758	15947407	FrameShift D.FQIISMY	0.995669	1	TRUE	1
chrIII	7189079	7189576	ReverseStr: F.HHKIWN	0.999985	3	FALSE	2
chrII	9886479	9891029	ReverseStr: S.RTEDPNL	1	2	TRUE	2
chrIII	10124091	10132314	FrameShift _VAGIPLH	0.999117	1	TRUE	1
chrX	1479537	1484082	FrameShift R.AQGDNF	0.995008	1	TRUE	1
chrIV	8631321	8643991	NovelExon K.NKMDKG	0.997577	1	TRUE	1
chrIII	8403643	8405490	ReverseStr: K.INKKVAK	0.999956	2	TRUE	2
chrIV	9297943	9299228	ReverseStr: N.CKVKTVF	0.999944	2	FALSE	2
chrIV	119274	121711	FrameShift R.SSASLNR	0.994981	1	TRUE	1
chrV	18087105	18098091	NovelExon Q.FSVKINN	0.995832	1	TRUE	1
chrV	13161471	13176077	GeneBound Q.KNQSLR	0.999932	2	FALSE	2
chrX	9440339	9441505	ReverseStr: K.YFLYAEIF	0.999998	2	TRUE	2
chrII	7561705	7563046	ReverseStr: R.LVFCKRSI	1	3	TRUE	3
chrIV	2688959	2703975	NovelExon R.RKMGKF	0.995418	1	TRUE	1
chrV	12575171	12576876	ReverseStr: K.ALSRRCYI	1	5	TRUE	4
chrX	13706858	13707885	GeneBound K.CRPQAGI	0.999956	2	FALSE	2
chrV	246608	251747	GeneBound R.ELSLNTFL	0.999989	3	FALSE	2
chrII	14060664	14062548	FrameShift K.TIRMMRI	0.996939	1	TRUE	1
chrX	2243226	2247000	ReverseStr: R.RYGRCSG	1	7	FALSE	3
chrI	502958	506253	ReverseStr: K.FFFAIFGC	0.999978	2	TRUE	2
chrX	1311603	1316631	ReverseStr: R.SDRKALN	0.999979	2	FALSE	2
chrII	8997765	8999663	GeneBound V.ENARTLF	0.99997	2	FALSE	2
chrIII	5009824	5017614	ExonBound K.GTRRSAN	0.996426	1	TRUE	1
chrIV	3748198	3751096	ReverseStr: K.YLDAKCK	0.999985	2	TRUE	2
chrIV	1310166	1328239	NovelExon K.NLSENVN	0.998144	1	TRUE	1
chrV	15793834	15795175	FrameShift K.TFFFRSSS	0.997361	1	TRUE	1
chrX	15726061	15731957	FrameShift N.LEGKFSV	0.995947	1	TRUE	1
chrX	5985157	5992068	ReverseStr: L.ALALNNS	0.99999	2	FALSE	2
chrII	15135417	15145197	NovelExon I.VFQNFVP	0.997014	1	TRUE	1
chrIII	2676401	2681100	NovelExon R.YLRETLQI	0.997875	1	TRUE	1
chrII	11365328	11370248	FrameShift K.FYNSHLIS	0.998239	1	TRUE	1
chrIV	7517435	7520356	NovelExon F.RLSESELE	0.995691	1	TRUE	1
chrII	168532	169103	ReverseStr: K.LMQAWI	0.99994	2	FALSE	2
chrIV	749867	753316	NovelExon R.DVANCCI	0.997875	1	TRUE	1
chrI	9690089	9690548	ReverseStr: K.QKETKIEL	0.999944	2	FALSE	2
chrV	15398922	15399774	FrameShift R.KLSYGIIQ	0.997115	1	TRUE	1
chrV	1846200	1848014	ReverseStr: K.QKKKQKF	1	3	FALSE	3
chrII	10009710	10016001	FrameShift R.MGQRRR	0.996634	1	TRUE	1
chrIV	7696923	7698357	ReverseStr: K.RMRGAD	1	4	TRUE	4

chrIV	12622460	12630999	ReverseStr:_.FSEAPRK.	0.999995	2	FALSE	2
chrX	1479537	1484082	FrameShift K.GFGVGYC	0.999762	1	TRUE	1
chrV	12552192	12553210	ReverseStr: R.RHVPQLT	0.999968	2	TRUE	2
chrII	11679033	11680971	ReverseStr: D.YFKVISAC	1	3	TRUE	3
chrII	9042715	9053603	ReverseStr: S.NEDAFLS	0.999949	2	TRUE	2
chrII	5867232	5873592	ReverseStr: K.LESKFNKI	0.999977	2	FALSE	2
chrII	1864737	1864889	ReverseStr: K.QAFSTVG	1	6	FALSE	5
chrIV	7580586	7583710	GeneBounc R.NLEYFISM	0.99995	2	FALSE	2
chrIII	9145970	9147338	FrameShift R.QCLLMEC	0.997476	1	TRUE	1
chrX	3917281	3919815	ExonBounc E.VFEVQSG	0.999868	1	TRUE	1
chrV	10806107	10807892	ReverseStr: K.EDDETEE	1	3	TRUE	3
chrV	2688609	2694368	ReverseStr: V.CRKFISIC	0.999964	2	TRUE	2
chrII	7535081	7536941	GeneBounc K.QDFKAC	1	3	FALSE	3
chrII	11762103	11765599	ReverseStr: K.MSKNVFI	1	5	TRUE	5
chrIII	5228378	5230505	FrameShift G.YLPAVDP	0.998257	1	TRUE	1
chrV	9205351	9207444	ReverseStr: R.IPTTSSLIS	1	2	TRUE	2
chrIV	4103013	4105350	GeneBounc Y.KKNEKRE	0.999995	2	FALSE	2
chrIV	17096491	17098015	GeneBounc K.ILNFASA/	0.999996	2	FALSE	2
chrII	15207367	15226652	FrameShift R.RLVNEKA	0.999026	1	TRUE	1
chrII	9076309	9078798	NovelGene _.PYLPIIEVI	1	2	FALSE	2
chrIII	2718150	2725084	NovelExon K.KKTLIQAI	0.995731	1	TRUE	1
chrIII	2249922	2251438	ReverseStr: R.QLGFPIAI	0.999948	2	FALSE	2
chrIII	6972155	6973667	GeneBounc _.SSLVSLLG	1	103	FALSE	23
chrIV	13616927	13617230	NovelGene K.SSSSNGS'	0.999954	2	FALSE	2
chrV	10356259	10357880	ReverseStr: R.GIAGALN	1	3	TRUE	3
chrII	7366548	7368803	ReverseStr: R.LIAPMKS	0.99997	3	TRUE	2
chrII	1749990	1751603	ReverseStr: K.HPCSRM'	0.999987	2	TRUE	2
chrIII	1902184	1905631	ReverseStr: K.FHGGALK	0.99996	3	FALSE	2
chrIII	13254567	13256284	FrameShift R.NYSPKAS	0.996515	1	TRUE	1
chrIII	10520704	10530641	TranslatedI R.SQVDDVI	0.999963	2	TRUE	2
chrI	4942070	4949335	ReverseStr: R.VAPNPGI	0.999981	3	FALSE	2
chrI	7614172	7634139	FrameShift R.VVTMLM	0.998833	1	TRUE	1
chrX	13811988	13812052	NovelGene Q.RAIEEEN	0.99998	2	FALSE	2
chrIV	13300804	13303667	ReverseStr:_.SVTSASN.	0.999948	2	TRUE	2
chrIII	13153716	13160189	ExonBounc R.KMSRKGI	0.995108	1	TRUE	1
chrI	2673051	2682799	NovelExon K.FIDFSGISI	0.997937	1	TRUE	1
chrIV	16167751	16170794	ReverseStr: K.GKTRDQ]	0.999977	2	TRUE	2
chrII	5498834	5501392	ReverseStr:_.CFNFIIFS/	0.999933	2	TRUE	2
chrI	8205455	8208734	FrameShift K.FECTTGG	0.994457	1	TRUE	1
chrII	12373458	12379447	ReverseStr:_.YGYVCSQ	1	3	TRUE	3
chrIII	12715622	12743828	NovelExon K.KNFDFSA	0.997577	1	TRUE	1
chrX	1321348	1327980	GeneBounc F.KNISKGAI	0.99995	2	FALSE	2
chrI	6836468	6838141	FrameShift _.KALRASPI	0.998254	1	TRUE	1
chrIV	1457074	1459524	ReverseStr: V.SRDQTLCD	0.999918	2	TRUE	2
chrIII	13755841	13759350	FrameShift R.GTAPSDF	0.994898	1	TRUE	1
chrX	14464739	14467545	GeneBounc K.NWSLGP'	0.999984	2	FALSE	2
chrI	13841883	13842727	ReverseStr:_.SLCSMSA	1	5	TRUE	5

chrX	1391792	1393986	ReverseStr: R.YTVYIAK.	0.999996	2	TRUE	2
chrX	7586062	7595441	FrameShift E.FGRYGMI	0.997054	1	TRUE	1
chrIV	121791	126225	NovelExon R.KTLKNIFS	0.995588	1	TRUE	1
chrX	4353593	4354786	FrameShift R.AGTTRTS	0.99479	1	TRUE	1
chrII	12890561	12891955	FrameShift K.KTCFVSD	0.998094	1	TRUE	1
chrII	14155205	14155611	FrameShift _SELLNCNI	0.9981	1	TRUE	1
chrIII	4596109	4612303	NovelExon R.RRVGMY	1	1	TRUE	1
chrI	11924776	11929498	FrameShift R.KSGGSSL	1	1	TRUE	1
chrIII	11612507	11615694	GeneBound K.NINNATF	0.999978	2	FALSE	2
chrIV	2891555	2892495	FrameShift R.ALRRNR	0.998289	1	TRUE	1
chrV	3955751	3957700	FrameShift R.NGLYQR	0.998507	1	TRUE	1
chrIV	7818239	7821149	NovelExon _ISYFKFRN	0.997533	1	TRUE	1
chrV	17968565	17980055	ReverseStr: R.EKVKINA	0.999975	2	TRUE	2
chrI	12444577	12446492	FrameShift R.NPGDPE	0.997794	1	TRUE	1
chrII	14365659	14373374	FrameShift R.VGAENG	0.999838	1	TRUE	1
chrIV	3794762	3796262	ReverseStr: R.SGEEDPT	0.999963	2	TRUE	2
chrI	10330870	10331738	FrameShift R.RKGRLEIE	0.996607	1	TRUE	1
chrII	14417812	14424815	ReverseStr: R.ISRITGHR	0.999949	2	TRUE	2
chrII	5638363	5639033	GeneBound K.MPLNFK	0.999997	2	FALSE	2
chrII	340539	342473	ReverseStr: R.RWPRPL	1	3	TRUE	3
chrII	10174589	10180128	ReverseStr: R.RSRTFQV	0.999984	2	TRUE	2
chrV	14688622	14688905	GeneBound _GAQDQG	1	5	FALSE	5
chrIII	6436556	6439906	FrameShift R.KDEPVVV	0.994516	1	TRUE	1
chrX	2909546	2918027	FrameShift K.KGQVQLI	0.996259	1	TRUE	1
chrV	5647548	5651027	NovelExon R.RGMNLG	0.994531	1	TRUE	1
chrIV	2887050	2891441	ReverseStr: R.ALRRNR	1	4	TRUE	3
chrIV	874601	881909	FrameShift R.LEGRRRR	0.99575	1	TRUE	1
chrI	13548063	13559350	ExonBound P.EIDGEIPA	1	1	TRUE	1
chrIV	6978764	6986924	ReverseStr: K.NEGKGLK	0.999931	2	TRUE	2
chrI	9805167	9806963	NovelGene R.KGFIEREF	0.99997	2	FALSE	2
chrII	2948932	2952732	FrameShift N.FWRCCIV	0.995288	1	TRUE	1
chrV	14953098	14954716	ReverseStr: R.QKLENIS	1	2	FALSE	2
chrI	12526179	12527543	NovelExon R.TSGRQDI	0.994115	1	TRUE	1
chrV	1743771	1747927	NovelExon _KIKFQNIY	0.995976	1	TRUE	1
chrIII	11334741	11342145	ReverseStr: K.KKKSGSA	0.999969	2	FALSE	2
chrI	13254130	13257720	ReverseStr: K.LLYTWRC	0.999995	2	TRUE	2
chrII	15120225	15123270	ExonBound R.TTGVVLD	0.999401	1	TRUE	1
chrII	11465875	11467577	ReverseStr: K.EPESALR.	1	4	FALSE	4
chrII	8994574	8996209	ExonBound V.ENARTLF	0.995767	1	TRUE	1
chrIII	973296	980440	FrameShift R.HMSKWT	0.997629	1	TRUE	1
chrIII	1435575	1437372	NovelGene R.KNNNLP	0.999996	2	FALSE	2
chrV	12873800	12875413	NovelGene _KPKGGTE	1	3	FALSE	3
chrIII	4407416	4408409	GeneBound R.SSQSLEE	1	2	FALSE	2
chrII	14973377	14976924	NovelExon K.KLKKSGKI	0.99737	1	TRUE	1
chrIV	194745	202585	ExonBound R.INFPYLV	0.994318	1	TRUE	1
chrI	1157572	1162903	GeneBound K.NNPYMS	0.999996	2	FALSE	2
chrI	8975377	8986515	ReverseStr: _DSYGQSE	0.999964	2	TRUE	2

chrI	12459489	12460893	ReverseStr: K.SQVLPKP	0.999994	2	FALSE	2
chrIV	12780942	12787489	GeneBound C.FKADNAK	1	3	FALSE	3
chrIII	11202911	11203220	NovelGene R.EAESGLLI	0.999943	2	FALSE	2
chrIV	12408967	12410464	ReverseStr: K.FNRIYVID	0.999991	2	FALSE	2
chrIII	5373660	5374338	NovelGene R.LLTEWRR	0.999968	2	FALSE	2
chrX	3684211	3689194	ExonBound _SAYNFEIM	0.999156	1	TRUE	1
chrV	15316480	15318408	FrameShift _LKITPSSG	0.995479	1	TRUE	1
chrX	6967327	6983091	NovelExon _KVKNTCL	0.997297	1	TRUE	1
chrIII	1950651	1951418	FrameShift R.MNVLAD	0.995334	1	TRUE	1
chrV	4887159	4889602	ReverseStr: _TAMKMA	1	4	FALSE	2
chrV	19600900	19606090	NovelExon _TRLKFGSI	0.997896	1	TRUE	1
chrX	12363645	12364836	GeneBound R.STPCNAN	0.999955	2	FALSE	2
chrIV	11482647	11498145	NovelExon K.NVSVFYLI	0.99583	1	TRUE	1
chrX	7427379	7427448	NovelGene _LASPPKM	0.999992	2	FALSE	2
chrV	15088410	15088682	GeneBound R.TRVRSKLI	0.999983	2	FALSE	2
chrI	12292260	12293927	FrameShift H.FRTVPTLI	0.995376	1	TRUE	1
chrV	15116251	15116578	ReverseStr: K.IVFYKFLY	0.999964	2	TRUE	2
chrV	1276416	1285700	ReverseStr: K.KWRRRK	0.999962	2	FALSE	2
chrX	1004334	1009523	ReverseStr: K.FLAAGDL	0.999992	3	TRUE	2
chrV	19705175	19706349	ReverseStr: C.RFFSNNP	0.999969	2	FALSE	2
chrIII	13257321	13262782	Translated K.GERRQA	0.999991	2	TRUE	2
chrIV	15014051	15025485	Translated R.ILSVPRLF	0.999936	2	TRUE	2
chrI	4422033	4426177	FrameShift K.DRWLLD	0.997457	1	TRUE	1
chrV	17684123	17684942	ReverseStr: R.RMKIFEN	0.999999	2	FALSE	2
chrI	14381349	14384725	FrameShift R.EWNVVN	0.998196	1	TRUE	1
chrI	12618380	12620100	NovelGene K.EKKCNLIS	0.999931	2	FALSE	2
chrV	5226990	5229671	ReverseStr: K.CIFFRNT	1	5	TRUE	4
chrII	13272564	13304159	NovelExon K.MSKGGG	0.999994	2	TRUE	2
chrIII	5857165	5859141	GeneBound R.ALFMVG	1	3	FALSE	3
chrI	14205705	14208569	FrameShift K.NSEIMVII	0.995438	1	TRUE	1
chrI	9234164	9245919	NovelExon K.TMKNQR	0.994935	1	TRUE	1
chrII	7310305	7313746	NovelExon R.MPVMAF	0.995404	1	TRUE	1
chrIV	9772500	9773454	Translated K.KAGGVD	1	3	TRUE	3
chrX	15503336	15505305	GeneBound R.GGRSSSR	0.999995	2	FALSE	2
chrV	4991490	4995049	ReverseStr: K.KNTGTTL	0.999978	2	TRUE	2
chrIII	2819274	2824659	NovelExon K.SEHWNC	0.995318	1	TRUE	1
chrII	11464860	11468589	Translated L.MKISLLRF	0.999938	2	TRUE	2
chrIV	8843608	8843757	ReverseStr: R.QEGAGS	0.999999	4	TRUE	2
chrX	669682	670799	ReverseStr: K.KTACRPK	0.99999	2	FALSE	2
chrIV	749867	753316	ReverseStr: _SKMFDDI	0.99999	2	FALSE	2
chrII	11739421	11743335	NovelExon R.LLSFHACI	0.996822	1	TRUE	1
chrIII	1945111	1950257	ReverseStr: R.MNVLAD	1	8	FALSE	5
chrI	13451508	13452830	ReverseStr: K.IDLQTLKI	0.999981	2	FALSE	2
chrII	6716921	6717802	ReverseStr: K.LKIITNLEI	0.999983	2	TRUE	2
chrII	1386895	1391574	FrameShift K.KSTIFPDII	0.99505	1	TRUE	1
chrX	5875863	5881681	ExonBound _KGSCCKPN	0.996989	1	TRUE	1
chrI	12878585	12902794	ReverseStr: R.AWTKSSS	0.999961	2	TRUE	2

chrIII	9080294	9081102	ReverseStr:_.HKEYKTEI	1	15	TRUE	9
chrV	4349760	4361538	NovelExon_._ELCVFSP/	0.999703	1	TRUE	1
chrX	6674831	6679813	FrameShift K.RMRSHN	0.997905	1	TRUE	1
chrX	13996238	13999282	FrameShift R.SQMDILC	0.999319	1	TRUE	1
chrI	5919789	5935418	NovelExon K.RSLISNLY	0.997076	1	TRUE	1
chrIV	7149349	7150678	TranslatedI K.ERKEMTK	0.999998	2	TRUE	2
chrII	8606798	8607691	ExonBounc R.VDETLILC	1	1	TRUE	1
chrI	9710079	9710758	ReverseStr: A.MQAML1	0.999987	2	FALSE	2
chrII	7155590	7160897	ReverseStr: R.VNWKNE	0.999984	2	TRUE	2
chrII	11475994	11476451	ReverseStr:_.NFLNKVG	0.999951	2	FALSE	2
chrI	13706040	13708418	NovelGene R.KTGVLAL	1	3	FALSE	3
chrV	951588	964801	NovelExon K.YRKHFGE	0.999858	1	TRUE	1
chrII	7390448	7392209	NovelGene R.GEEAEDC	0.999998	2	FALSE	2
chrIV	165125	169968	NovelExon R.RWWQG	0.994893	1	TRUE	1
chrX	12725370	12727581	GeneBounc R.MSAEASF	0.999992	2	FALSE	2
chrV	13840727	13842173	GeneBounc R.NIDLGHV	0.999983	2	FALSE	2
chrI	7781173	7782543	ReverseStr: K.NQTGGKI	0.999993	2	FALSE	2
chrV	16160665	16162204	ReverseStr:_.KNNFNSM	0.999998	2	FALSE	2
chrIII	347687	348597	ReverseStr: R.PRRGDAL	1	3	TRUE	3
chrIII	1081394	1095063	NovelExon K.NMEKSLM	0.996943	1	TRUE	1
chrV	3402628	3405158	ReverseStr: K.GLTPMTI	0.999998	2	TRUE	2
chrI	4830136	4833877	ExonBounc K.QVILNFLI	0.998261	1	TRUE	1
chrI	13310885	13318693	GeneBounc L.TVFNITID	0.999953	2	FALSE	2
chrI	9149710	9153068	GeneBounc_._RRSLKIAC	0.999991	2	FALSE	2
chrI	2342218	2350470	NovelExon R.RTANSAN	0.994381	1	TRUE	1
chrIV	14825647	14826428	FrameShift_._RELTEEDI	0.998794	3	TRUE	1
chrI	1049597	1050729	ReverseStr: R.FVGNFVA	0.999968	2	FALSE	2
chrI	4508929	4511127	FrameShift_._LQNIYKR	0.995358	1	TRUE	1
chrV	1482051	1483053	GeneBounc K.NTVLKYT	1	5	FALSE	3
chrIII	5364473	5368008	FrameShift R.MKTENH	0.995076	1	TRUE	1
chrX	17385905	17391488	ReverseStr:_.KYIRGIM	1	3	FALSE	3
chrI	7079910	7082019	GeneBounc R.AGVIQGF	0.999984	2	FALSE	2
chrIII	2347581	2362048	NovelExon R.EFFHLVA	0.996709	1	TRUE	1
chrIV	10014065	10016377	ReverseStr:_.WAKLEDG	1	3	FALSE	3
chrX	15161213	15166147	ReverseStr: R.KTCADFT	0.999987	2	FALSE	2
chrI	1924302	1932262	NovelExon K.MKKTGK	0.998621	1	TRUE	1
chrX	6809065	6817593	ReverseStr:_.LRIPKGN	1	3	TRUE	3
chrIII	4520333	4536957	NovelExon K.ISSISKYET	0.997115	1	TRUE	1
chrX	2711207	2748107	ReverseStr: K.KYYFEQT	0.999989	2	TRUE	2
chrII	8600300	8602421	ReverseStr: K.ENILMLS	1	5	FALSE	3
chrII	8603807	8606693	GeneBounc P.QAHFNAI	0.999994	4	FALSE	2
chrI	2216102	2219444	FrameShift_._EVSEGFV	0.995642	1	TRUE	1
chrX	4824973	4834851	ExonBounc K.AFDNEVC	1	1	TRUE	1
chrI	4610146	4622973	NovelExon K.RLSYEKK	0.996844	1	TRUE	1
chrV	16219589	16221896	GeneBounc K.MIKWISS	0.999987	2	FALSE	2
chrI	14476662	14486750	NovelExon K.NRFFLEKI	0.995354	1	TRUE	1
chrX	9192387	9194325	FrameShift R.KSSIGNG	0.994356	1	TRUE	1

chrII	3802961	3803326	ReverseStr: R.AITVIAEK	0.999979	3	FALSE	2
chrX	1983708	1984827	GeneBound D.YLPFDIKF	0.999992	2	FALSE	2
chrV	7076319	7081521	ReverseStr: K.LFYTLTL	0.999963	2	TRUE	2
chrIV	1567896	1595823	ReverseStr: K.FQYFFLLF	0.999956	2	TRUE	2
chrV	14012318	14013629	GeneBound Y.FSSKSLFN	0.999937	2	FALSE	2
chrX	1321348	1327980	FrameShift K.EKVQKGM	0.997038	1	TRUE	1
chrIV	9772490	9773454	FrameShift K.KAGGVD	0.999987	2	TRUE	2
chrV	314846	3171109	NovelGene K.AVQLEKR	1	2	FALSE	2
chrV	10023535	10028135	FrameShift K.SRYVSRIV	0.999421	1	TRUE	1
chrI	3439110	3449179	NovelExon R.FFFKSTGI	0.994787	1	TRUE	1
chrX	7783136	7787884	FrameShift K.LEMMKSI	0.996076	1	TRUE	1
chrI	12652608	12654636	GeneBound K.IDFKKCS	0.999991	2	FALSE	2
chrX	16103571	16124272	GeneBound M.RSALGSF	1	5	FALSE	4
chrX	3684211	3689194	FrameShift R.KNRRKGC	0.994118	1	TRUE	1
chrIII	4020041	4021854	FrameShift L.PMILLLL	0.998744	1	TRUE	1
chrIII	13283791	13292984	NovelExon K.MASSAN	0.994646	1	TRUE	1
chrV	15080124	15082462	NovelExon R.NHQKNQ	0.996207	1	TRUE	1
chrII	4710291	4713687	FrameShift K.WREIKKV	0.997444	1	TRUE	1
chrX	777720	780513	ReverseStr: K.NFLSDPLI	0.999976	2	TRUE	2
chrII	11582783	11588468	FrameShift R.KSHIWQI	0.998034	1	TRUE	1
chrV	5386094	5389432	FrameShift K.FNLLTLFS	0.997252	1	TRUE	1
chrX	15259514	15260221	ReverseStr: R.KKMVVA	0.999989	2	TRUE	2
chrIV	992289	997652	NovelExon K.NPGKKSC	0.999792	1	TRUE	1
chrII	4939421	4940323	FrameShift R.PMNYNLI	0.99528	1	TRUE	1
chrIII	4860645	4861760	ReverseStr: K.LKSYLNT	0.999972	2	TRUE	2
chrIV	16197016	16201385	FrameShift K.WRMTFL	0.995188	1	TRUE	1
chrIII	7293568	7308295	NovelExon K.KCLKKAIM	0.997404	1	TRUE	1
chrII	11125310	11126310	ReverseStr: K.EMPFSV	0.999995	2	TRUE	2
chrII	3387146	3387606	GeneBound R.KMMKTT	0.999964	2	FALSE	2
chrIV	15129630	15131754	ReverseStr: .GDTGDK	0.999992	2	TRUE	2
chrIV	13241038	13243345	GeneBound .DNVILATI	0.999985	4	FALSE	2
chrX	6823851	6825798	ReverseStr: K.RWHRES	0.999976	2	FALSE	2
chrI	3199542	3203231	NovelExon K.IIIWTRKS	0.997318	1	TRUE	1
chrI	13778884	13792153	FrameShift R.TTAIGFG	0.995144	1	TRUE	1
chrIII	12626474	12651656	NovelExon R.HIAGFKN	0.997527	1	TRUE	1
chrI	2761188	2776099	NovelExon .HKSETFTI	0.994297	1	TRUE	1
chrI	1211495	1254700	NovelExon K.RSLEYIPK	0.997287	1	TRUE	1
chrV	14008733	14012203	ReverseStr: F.CTFRSLTI	1	4	TRUE	4
chrIII	706329	715818	NovelExon R.KISNSKEI	0.996305	1	TRUE	1
chrIV	9160625	9165112	ExonBound G.DQSVDS	0.998584	1	TRUE	1
chrIV	13543375	13548208	NovelExon .KTCVAIGI	0.994831	1	TRUE	1
chrX	4964378	4969328	ReverseStr: .SIMSRLE	1	28	FALSE	18
chrIII	4384759	4387729	NovelExon K.NFFVSEIF	0.998671	1	TRUE	1
chrX	9140386	9144488	FrameShift K.MSLSGQI	0.996501	1	TRUE	1
chrIV	13031570	13034091	FrameShift R.EAVKVDI	0.995697	1	TRUE	1
chrII	8964991	8966857	FrameShift R.SIAVTMI	0.9942	1	TRUE	1
chrX	15262658	15267912	NovelExon F.LLSLINWL	0.994104	1	TRUE	1

chrIII	4999345	5001514	FrameShift	_.YCRRYAR	0.99973	1	TRUE	1
chrV	20164803	20165839	NovelGene	R.ILNASSPF	0.999931	2	FALSE	2
chrII	264353	266305	GeneBounc	K.ISGKSANI	0.999969	2	FALSE	2
chrV	9526769	9529226	FrameShift	K.KIMETSYI	0.998532	1	TRUE	1
chrIII	7305914	7308300	ExonBounc	K.KCLKKAIM	0.997404	1	TRUE	1
chrI	10594463	10595514	ReverseStr	Q.LMLLQYE	0.999978	2	FALSE	2
chrII	8996962	8997602	ReverseStr	R.LVSERYG'	0.99997	2	TRUE	2
chrII	3276260	3277309	GeneBounc	R.LHFCLLP\$	0.999976	2	FALSE	2
chrV	20903946	20907401	ExonBounc	K.NMIIKSKI	0.996565	1	TRUE	1
chrII	2731324	2735255	ReverseStr	K.YFFARSTI	0.999999	2	TRUE	2
chrIII	4881878	4883542	ReverseStr	R.ISMTTSG'	0.999949	2	FALSE	2
chrIV	9760134	9764467	FrameShift	H.WSFWNI	0.996131	1	TRUE	1
chrI	7918437	7926332	ReverseStr	R.TRSTNEIk	1	3	TRUE	3
chrII	6179926	6184657	NovelExon	K.LGAETVV	0.997329	1	TRUE	1
chrV	11825870	11827048	ReverseStr	K.LFCKIKTV	0.999947	2	TRUE	2
chrV	13408229	13409819	GeneBounc	K.LSKEHFYF	1	3	FALSE	3
chrIII	6746255	6794709	FrameShift	R.LSTSIDGS	0.996533	1	TRUE	1
chrV	12450788	12453792	FrameShift	K.MKSTTLN	0.997035	1	TRUE	1
chrII	3135584	3137907	ReverseStr	_.FEAKMLK	0.999981	2	TRUE	2
chrIV	3258907	3263491	FrameShift	K.KFGGTAT	0.995793	1	TRUE	1
chrV	14829162	14847297	NovelExon	K.ASVTEEN	0.994481	1	TRUE	1
chrIV	5357275	5364260	ReverseStr	R.DTIFGNFI	0.999957	2	TRUE	2
chrI	8262033	8268985	NovelExon	R.LGPFSTF	0.999547	1	TRUE	1
chrI	14271883	14274193	ReverseStr	_.KLNAKKC	0.999964	2	FALSE	2
chrIV	3695779	3698429	GeneBounc	_.MTVSSKI,	1	3	FALSE	3
chrV	998447	1003593	FrameShift	_.HENAARF	0.999217	1	TRUE	1
chrV	9998690	9998857	NovelGene	_.MYDTAP\	0.999986	2	FALSE	2
chrIII	6749083	6794698	FrameShift	L.TTSLISLGI	0.998847	1	TRUE	1
chrII	10702174	10714240	NovelExon	R.LVLGFLGI	0.998517	1	TRUE	1
chrIII	8016597	8020805	FrameShift	K.PTCKIQK\$	0.995273	1	TRUE	1
chrIV	5295964	5297479	ReverseStr	K.YPSNKLTO	1	4	FALSE	3
chrII	7845610	7849745	ReverseStr	K.FHKADLL	0.999943	2	TRUE	2
chrIII	7573283	7575202	GeneBounc	K.YVNKEAV	1	6	FALSE	3
chrIII	11974016	11978965	ReverseStr	I.TAICQFAK	1	3	TRUE	3
chrII	11097783	11100087	GeneBounc	K.TIGFGGQ	0.999997	3	FALSE	2
chrX	13536981	13538042	ReverseStr	R.MVGSGIK	0.999983	2	TRUE	2
chrIV	11110081	11111031	ReverseStr	K.WSLQSVI	1	8	TRUE	4
chrV	1913599	1917037	NovelExon	K.KVEIFRIA	0.994656	1	TRUE	1
chrIII	10896289	10901739	FrameShift	K.ISEISEIFS	0.996886	1	TRUE	1
chrV	14686145	14688528	FrameShift	Q.KPDDISN	0.999967	2	TRUE	2
chrII	10805335	10809933	FrameShift	R.KIFQILLQ	0.997573	1	TRUE	1
chrII	12582111	12603615	ReverseStr	K.IFFYRSSN	0.999977	2	TRUE	2
chrI	6457284	6458481	ReverseStr	K.ERESARC'	0.999999	2	FALSE	2
chrIII	10081414	10083194	ReverseStr	R.LEVTLKRI	0.999955	2	TRUE	2
chrII	2988310	2991296	ReverseStr	K.QKPKMTI	1	2	FALSE	2
chrII	111644	114454	FrameShift	R.PSWKSRF	0.998265	1	TRUE	1
chrV	18186037	18188232	NovelExon	K.MSELKMI	0.997021	1	TRUE	1

chrV	19452154	19455940	ReverseStr: K.WAKDGE	0.999979	2	TRUE	2
chrII	12582111	12603615	FrameShift _ .MKMGIV	0.999592	2	TRUE	1
chrIII	732142	738973	ReverseStr: K.AEFDEQK	0.999961	3	TRUE	2
chrIII	235843	253375	GeneBound _ .NTMFREI	1	3	FALSE	3
chrII	388833	392737	ReverseStr: R.KTEEKLES	0.999955	2	FALSE	2
chrII	15120225	15123270	ReverseStr: K.KFKPRAK	1	2	TRUE	2
chrI	9163941	9166821	FrameShift _ .TIVFTVPL	1	2	TRUE	1
chrIV	10009945	10014164	FrameShift _ .WAKLEDG	0.997176	1	TRUE	1
chrI	9645690	9647667	ReverseStr: K.IPQIDFVV	1	3	TRUE	3
chrII	14912316	14915060	NovelGene R.VKTGAKL	0.999988	2	FALSE	2
chrX	15478949	15485632	NovelExon K.MIRVGNP	0.996139	1	TRUE	1
chrIV	778784	784135	FrameShift R.ITKKLFSA	0.995273	1	TRUE	1
chrI	14922954	14951782	NovelExon K.SENFPNF	0.996493	1	TRUE	1
chrI	7869759	7872075	GeneBound K.DTGAAN/	1	4	FALSE	4
chrII	12654681	12663770	FrameShift K.PETPILYS	0.994572	1	TRUE	1
chrIII	13755841	13759350	FrameShift K.NLEVFNS	0.994306	1	TRUE	1
chrV	20506472	20509477	FrameShift R.MQKKEV	0.999855	1	TRUE	1
chrIII	3730811	3731230	GeneBound _ .MGLATIS	1	3	FALSE	3
chrIII	4900686	4903143	GeneBound R.SKDQNTI	0.999982	2	FALSE	2
chrII	13369535	13375220	NovelExon K.NLEITFKM	0.994266	1	TRUE	1
chrIII	11317471	11326553	FrameShift K.TVGKSSN	0.996286	1	TRUE	1
chrV	4956815	4958558	FrameShift K.ICKINCSIF	0.999813	1	TRUE	1
chrII	2481926	2485927	ReverseStr: G.HTKKNVF	0.999977	2	FALSE	2
chrIV	3698508	3699718	FrameShift R.RFKWQR	1	2	TRUE	2
chrIII	12173462	12177144	FrameShift K.RMRSRNI	0.994728	1	TRUE	1
chrI	1386259	1392761	ReverseStr: K.SKNNAKL	0.999998	2	TRUE	2
chrV	19264568	19269632	ReverseStr: K.TQLQVLH	0.999998	3	TRUE	2
chrV	19167606	19168223	NovelGene L.SQFGKYQ	0.999972	2	FALSE	2
chrIV	6863225	6863300	NovelGene K.QLLQKCS	0.999953	2	FALSE	2
chrII	1092013	1097906	FrameShift K.RVSQWE	0.999202	1	TRUE	1
chrI	14665168	14674811	NovelExon K.IGANNTS	0.995255	1	TRUE	1
chrV	6379265	6380102	NovelGene K.KVIVEQEI	0.999976	2	FALSE	2
chrX	12705553	12808179	NovelExon K.NYQFLVC	0.998102	1	TRUE	1
chrII	13855713	13872222	NovelExon K.FDENCQK	0.995045	1	TRUE	1
chrX	4427203	4428574	NovelGene K.GFVSTAF	0.999976	2	FALSE	2
chrI	3547094	3552015	NovelExon K.SKKFMFF	0.997561	1	TRUE	1
chrV	15712187	15715625	ReverseStr: R.DFSSQKP	0.999998	2	TRUE	2
chrII	8669083	8677828	ReverseStr: R.WLMAQI	0.999971	2	TRUE	2
chrX	7097420	7100297	NovelExon R.RKVVWC	0.998329	1	TRUE	1
chrI	8377596	8392747	ReverseStr: K.KPMEILYI	1	3	TRUE	3
chrI	2907748	2924717	NovelExon K.KVKGGVF	0.996628	1	TRUE	1
chrI	13840694	13841834	GeneBound _ .KKSIIICK	1	3	FALSE	3
chrV	14642725	14645937	ReverseStr: R.SPREAMKS	0.999988	2	TRUE	2
chrIII	706329	715818	NovelExon R.IIFAGGA/	0.999331	1	TRUE	1
chrIV	15167768	15175504	ReverseStr: L.YAMQKLI	0.999962	2	TRUE	2
chrII	7152611	7155433	FrameShift S.THRHVAS	0.997101	1	TRUE	1
chrIII	1103214	1112288	ReverseStr: K.LFCKTVLF	1	4	TRUE	4

chrII	1769128	1771056	GeneBound	K.FFFKMFE	0.999959	3	FALSE	2
chrX	4271141	4274205	ReverseStr	K.LVFNNQM	0.999928	2	TRUE	2
chrIII	3112795	3127109	ReverseStr	R.NQRPLA\	1	5	TRUE	5
chrIII	11020341	11025182	ExonBound	K.IKYKTKFS	0.994893	1	TRUE	1
chrIV	7231224	7232727	GeneBound	R.MPSSSSS	0.999997	3	FALSE	2
chrX	14335428	14336587	ReverseStr	K.SVCGKRR	1	3	TRUE	3
chrII	2443297	2451145	ExonBound	_.KIFQTDI	0.995568	1	TRUE	1
chrIV	8261131	8266441	NovelExon	R.QLVVMG	1	3	TRUE	3
chrIII	771573	772699	GeneBound	R.ISLLVEMF	0.999996	2	FALSE	2
chrII	7106377	7110016	ExonBound	K.FSAVNTA	0.999039	1	TRUE	1
chrV	18616571	18620213	NovelExon	K.IIPKSKN	0.994358	1	TRUE	1
chrIII	4868298	4868733	ReverseStr	R.MVCSLEE	1	3	FALSE	3
chrIII	11933902	11946917	NovelExon	K.IYFKNPKI	0.998738	1	TRUE	1
chrI	6476803	6488984	NovelExon	R.FRKNQPI	0.996211	1	TRUE	1
chrX	944936	948882	ReverseStr	K.FPKSGSSI	0.999946	2	TRUE	2
chrI	4721207	4723961	FrameShift	K.MGKLSTC	0.998898	1	TRUE	1
chrX	9213923	9217402	NovelExon	_.NSDNDHI	0.99489	1	TRUE	1
chrX	3353234	3355281	NovelGene	R.FKDLDCG	1	3	FALSE	3
chrIII	4078416	4082770	GeneBound	_.RVLREKYI	0.99998	3	FALSE	2
chrI	10050682	10062017	ReverseStr	R.AYFHVTM	0.999994	2	TRUE	2
chrI	803371	834811	NovelExon	_.ELCVFSP/	0.999703	1	TRUE	1
chrV	11817764	11822510	ReverseStr	R.METSKV/	0.999931	2	TRUE	2
chrIII	9602942	9608647	ExonBound	R.VPKVEKP	0.996292	1	TRUE	1
chrX	2079830	2081727	ReverseStr	E.ERVEETH	0.999941	2	FALSE	2
chrII	2017801	2018865	NovelExon	R.PHHSPVR	0.998826	1	TRUE	1
chrI	12462166	12465821	FrameShift	K.SQVLPKP	0.997785	1	TRUE	1
chrI	11429062	11432054	ReverseStr	K.LIEFSCQA	1	3	TRUE	3
chrIV	13055333	13055744	ReverseStr	K.FLISKELE	1	4	FALSE	3
chrIII	1226877	1228898	NovelGene	R.LVFGENL	0.999965	2	FALSE	2
chrIV	10523415	10524125	ReverseStr	K.NRTLGS	0.999989	2	FALSE	2
chrII	4996389	4998027	FrameShift	K.EPKCSLN	0.996123	1	TRUE	1
chrV	5634395	5640328	NovelGene	K.KFWREVC	1	4	FALSE	4
chrX	5971660	5977819	ReverseStr	_.NSVTLIQI	0.999975	2	FALSE	2
chrII	691888	693463	ExonBound	K.TSGFVTR	1	1	TRUE	1
chrIV	2597619	2598103	ReverseStr	K.SKSKKKG	1	4	TRUE	4
chrIII	10314502	10318070	ReverseStr	R.HKEHENE	0.999997	2	TRUE	2
chrII	4702066	4703261	FrameShift	_.DWPML	0.998241	1	TRUE	1
chrIV	13312365	13314600	NovelGene	_.MTAQGK	0.999977	2	FALSE	2
chrV	15184689	15185789	GeneBound	R.RTNLELS/	0.999997	2	FALSE	2
chrX	9291592	9293587	GeneBound	_.NIKFKHYC	0.999989	2	FALSE	2
chrIII	940868	943447	NovelExon	_.RKDFLAD	0.99708	1	TRUE	1
chrII	14754593	14778061	ReverseStr	K.IEILKFKP	0.999995	2	TRUE	2
chrI	4212744	4214263	ReverseStr	K.MFINFDI	0.999941	2	TRUE	2
chrV	16202789	16204882	NovelExon	R.EVLYLSD	0.996949	1	TRUE	1
chrIII	13576087	13580562	FrameShift	R.IMGMTT	0.996717	1	TRUE	1
chrV	18860271	18861828	ExonBound	K.NFDFFRK	0.996183	1	TRUE	1
chrIV	15192267	15202991	ReverseStr	C.VQEFLIHI	0.999944	2	TRUE	2

chrII	11058048	11089398	NovelExon	R.HLFMRE\	0.996341	1	TRUE	1
chrII	9618581	9624117	ReverseStr	K.MMDLM	0.999973	2	FALSE	2
chrI	9124686	9126079	GeneBound	_.LIIIGGGV	0.999996	2	FALSE	2
chrII	12787760	12796389	NovelExon	R.FFWRKNI	0.999521	1	TRUE	1
chrIII	13165111	13169419	NovelExon	R.YFKWEFC	0.996978	1	TRUE	1
chrIV	172271	176811	NovelGene	K.WSQPGS	1	3	FALSE	3
chrX	7132164	7139622	NovelExon	K.ILSDFLI	0.998117	1	TRUE	1
chrII	14550838	14552410	ReverseStr	K.FFENFKKI	0.999953	2	TRUE	2
chrI	13162488	13182797	NovelExon	K.NETSWP	0.998331	1	TRUE	1
chrV	8217845	8221296	ReverseStr	K.SINQYF	1	3	TRUE	3
chrIV	4213570	4218241	FrameShift	R.RRLGHIG	0.998672	1	TRUE	1
chrII	7627727	7651163	ReverseStr	K.MEKSAK	1	5	TRUE	5
chrI	14909229	14913062	GeneBound	K.ERPFFHG	0.999976	2	FALSE	2
chrIV	4772084	4775181	GeneBound	W.MDDPIP	0.999919	2	FALSE	2
chrI	12505088	12508054	FrameShift	_.QSMWSF	0.994635	1	TRUE	1
chrII	2808172	2812872	ReverseStr	R.KYVGGLS	0.999974	2	TRUE	2
chrI	12239151	12241799	ReverseStr	R.LVRFQKL	0.999953	2	TRUE	2
chrIV	16522493	16526099	NovelExon	_.HSATIGT	0.997473	1	TRUE	1
chrII	7808174	7809171	NovelGene	R.NNTKVAI	0.999996	2	FALSE	2
chrII	14434477	14436650	GeneBound	K.NVSMEM	0.999979	2	FALSE	2
chrV	16462417	16466336	ExonBound	K.MGAYIN/	0.996712	1	TRUE	1
chrI	13814769	13815451	GeneBound	K.SWKSVQI	0.999985	2	FALSE	2
chrII	9628436	9629837	NovelGene	K.MDEKMK	1	3	FALSE	3
chrV	19697543	19705161	FrameShift	R.RNTRNHI	0.997577	1	TRUE	1
chrV	14773342	14777316	GeneBound	R.NPNKRK	0.999971	2	FALSE	2
chrX	681128	682779	NovelExon	R.RDLTFSAI	0.999597	1	TRUE	1
chrIV	10126736	10128934	GeneBound	K.DCTTNG	0.999968	2	FALSE	2
chrIV	6887937	6897766	GeneBound	R.VWEMG	0.999976	2	FALSE	2
chrX	5101001	5106142	FrameShift	R.DEEQSDE	0.999646	1	TRUE	1
chrIV	14003668	14012049	NovelExon	K.KFKKFDK	0.998473	1	TRUE	1
chrII	7912715	7928604	ReverseStr	Y.VKLSPAG	0.999999	3	TRUE	3
chrI	12490225	12490816	ExonBound	K.RIHDANR	0.997323	1	TRUE	1
chrV	16764236	16788393	NovelExon	K.TCDVSTLI	0.997985	1	TRUE	1
chrV	13207749	13208772	ReverseStr	_.QKMEEKI	0.999983	2	FALSE	2
chrIII	13260490	13262795	FrameShift	K.GERRQA/	0.996212	1	TRUE	1
chrI	111038	112417	GeneBound	K.LDVIWYK	0.999982	2	FALSE	2
chrII	678001	678354	FrameShift	R.SRFTRILL	0.997851	1	TRUE	1
chrII	3329720	3331809	FrameShift	R.VGFFEAA	0.994398	1	TRUE	1
chrII	7082060	7084343	FrameShift	K.PSNKMTI	0.996082	1	TRUE	1
chrX	4707159	4709783	ReverseStr	R.LSEIAGV	0.999952	2	TRUE	2
chrIII	2988247	2990048	ReverseStr	R.RHFVDKY	0.999989	2	FALSE	2
chrI	6758169	6760168	FrameShift	E.NLMNKE/	0.999517	1	TRUE	1
chrIII	5890354	5895968	ReverseStr	K.KTKNDEE	0.999994	2	TRUE	2
chrI	12183679	12188998	ReverseStr	R.RSCAVYF	1	3	TRUE	3
chrV	835804	839100	FrameShift	K.KGGSSSA	0.998192	1	TRUE	1
chrIV	583813	585912	FrameShift	K.KIILMMN	0.996064	1	TRUE	1
chrIV	10368586	10373115	FrameShift	K.VTVSMG	0.997771	1	TRUE	1

chrII	406138	410928	ReverseStr: R.RATNPPR	0.999997	3	TRUE	2
chrII	13098179	13116731	NovelExon K.CKKMEKC	1	1	TRUE	1
chrV	18125679	18127177	ReverseStr: R.SRRAACS	1	3	TRUE	3
chrII	11343659	11345556	ExonBounc K.TFLFPAP	0.995056	1	TRUE	1
chrV	5114730	5119194	NovelExon R.QVAGKG	0.998188	1	TRUE	1
chrIII	6675748	6703943	NovelExon _ .TYLLRNP	0.994081	1	TRUE	1
chrI	7684944	7694208	NovelExon R.SASFMSC	0.999423	1	TRUE	1
chrI	10720815	10723580	FrameShift R.SSAVSRIA	0.995606	1	TRUE	1
chrIII	895775	900144	ReverseStr: R.VHAAADI	0.999928	2	TRUE	2
chrI	2568874	2570748	FrameShift K.KNSIFQP	0.995774	1	TRUE	1
chrIII	13464583	13466289	ReverseStr: R.IWNPFLP	1	3	FALSE	3
chrV	3280376	3282701	NovelExon K.HDSTMLI	0.99788	1	TRUE	1
chrII	1860633	1861085	GeneBounc K.GKFHFGC	1	5	FALSE	4
chrIII	1185238	1193804	NovelExon K.SLKIDNFV	0.998809	1	TRUE	1
chrV	20356771	20365687	NovelExon L.TEQSVFK	0.995826	1	TRUE	1
chrIII	1079455	1080471	ReverseStr: R.GKFAFLH	1	3	FALSE	3
chrV	3460216	3462952	FrameShift R.KIMLHKL	0.997254	1	TRUE	1
chrIII	5564985	5567344	TranslatedI R.EMVFFFS	0.999997	4	TRUE	2
chrX	4588741	4590420	ExonBounc K.KMGYVSI	0.996198	1	TRUE	1
chrV	5699994	5701066	ReverseStr: R.CKMRTET	0.999903	2	FALSE	2
chrX	8283228	8285167	ReverseStr: R.MRQFYI	1	3	TRUE	3
chrIII	3345910	3363419	ReverseStr: R.PELKIAG	0.999998	4	TRUE	2
chrII	15064615	15071590	NovelExon K.SKNHKN	0.996543	1	TRUE	1
chrX	12604893	12605103	GeneBounc R.GALVAAF	0.999948	2	FALSE	2
chrIV	10444589	10448918	NovelExon K.DEGSVVK	0.996189	1	TRUE	1
chrIII	9145248	9145899	ExonBounc _ .NKACLLSI	0.99456	1	TRUE	1
chrV	13264532	13269849	ReverseStr: R.KTKMNV	0.999963	2	TRUE	2
chrIII	13463075	13464556	FrameShift K.VLRHQKF	0.999348	1	TRUE	1
chrIII	3068309	3069204	FrameShift R.KPRRSSI	0.997818	1	TRUE	1
chrX	3926061	3929472	FrameShift R.RSALLCRI	0.997411	1	TRUE	1
chrX	5101001	5106142	FrameShift _ .TITEQIQE	0.995639	1	TRUE	1
chrX	16159577	16163477	NovelExon K.IKNFNAQ	0.994259	1	TRUE	1
chrIV	4572236	4590290	NovelExon R.REVMKEI	0.996929	1	TRUE	1
chrIII	8944738	8952870	FrameShift K.TCEESGA	0.996924	1	TRUE	1
chrI	3854164	3859297	NovelExon K.KTVLVKIF	0.99746	1	TRUE	1
chrII	8280805	8283160	ReverseStr: R.LDVSDVK	0.999928	2	FALSE	2
chrII	1115648	1118040	GeneBounc K.RPFWSYV	0.999937	2	FALSE	2
chrII	3096067	3096960	FrameShift R.LELKLELF	0.994229	1	TRUE	1
chrV	13909734	13911510	NovelExon K.NLSVNQL	0.995388	1	TRUE	1
chrII	11345881	11347893	FrameShift K.RMYHRKI	0.995042	1	TRUE	1
chrX	6216907	6220027	NovelGene K.PYTIAGKI	1	4	FALSE	4
chrII	2816981	2819128	ReverseStr: R.PDMQTL	0.999996	2	TRUE	2
chrII	2473529	2479095	ReverseStr: K.IPQYNYR	0.999996	2	TRUE	2
chrIII	7091280	7093353	FrameShift K.FWIKSLR	0.997332	1	TRUE	1
chrII	12189813	12199895	FrameShift K.SPDSGDF	0.999672	1	TRUE	1
chrI	10049044	10050706	GeneBounc _ .LKFSENKI	0.999994	2	FALSE	2
chrV	7771309	7773530	GeneBounc S.KITKFACL	0.999963	2	FALSE	2

chrIV	8886513	8888589	FrameShift	K.QNGILKR	0.996142	1	TRUE	1
chrI	14790233	14790928	FrameShift	R.GTSHFES	0.99435	1	TRUE	1
chrIV	4599946	4602768	FrameShift	R.IITQLLFKI	0.994181	1	TRUE	1
chrV	8302867	8304449	ReverseStr	R.NRQNLGI	1	2	TRUE	2
chrX	7823603	7825709	NovelExon	_.SGCVQDF	0.999015	1	TRUE	1
chrII	11759618	11761789	FrameShift	R.NTRIPTKI	0.998071	1	TRUE	1
chrV	10013250	10028135	NovelExon	_.YFLKDDIF	0.997924	1	TRUE	1
chrX	12857949	12859471	FrameShift	R.AKWQQF	0.998031	1	TRUE	1
chrIV	13048472	13049811	GeneBounc	_.RIPRMKN	0.999997	3	FALSE	2
chrII	11439113	11439698	ReverseStr	R.SQKNMM	0.999972	3	FALSE	2
chrII	1115648	1118040	NovelExon	K.IPKMPVY	0.997321	1	TRUE	1
chrV	18751239	18752271	FrameShift	N.RPSFSRG	0.998006	1	TRUE	1
chrIII	2970669	2975777	NovelExon	_.WGYCRG	0.998514	1	TRUE	1
chrIV	771603	772797	FrameShift	K.NVGESKK	0.995071	1	TRUE	1
chrIV	17131509	17137510	NovelExon	_.RHTPSSV	0.995768	1	TRUE	1
chrX	2957924	2968157	ReverseStr	R.NIIFSQT	0.999983	2	TRUE	2
chrIV	132416	138076	ReverseStr	F.QGEKGEF	0.999983	2	FALSE	2
chrI	9416696	9418869	FrameShift	R.CILTHNG	0.997032	1	TRUE	1
chrX	4972529	4997567	ReverseStr	_.ESKMSVV	1	4	TRUE	4
chrII	8487318	8508914	ReverseStr	R.EAAVKTH	1	3	TRUE	3
chrIV	461112	481167	NovelExon	R.AGEKTVK	0.998503	1	TRUE	1
chrI	12819206	12824795	NovelExon	K.LFKSSKM	0.999547	1	TRUE	1
chrX	12503893	12513979	FrameShift	Y.NNCKLNS	0.995443	1	TRUE	1
chrIV	14825647	14826428	FrameShift	R.RREDKSD	0.998495	2	TRUE	1
chrX	8620518	8625187	ExonBounc	R.HRADMI	0.996462	1	TRUE	1
chrI	837999	841750	FrameShift	I.FDKLIFHR	0.994116	1	TRUE	1
chrII	13406090	13411210	FrameShift	R.FWKEFEK	0.998783	1	TRUE	1
chrIII	11971366	11973992	GeneBounc	_.KNRKNVI	0.999972	2	FALSE	2
chrI	9847398	9850071	ExonBounc	K.DSAPLGK	0.994733	1	TRUE	1
chrI	2707601	2717551	ReverseStr	K.KHRKSKC	0.999963	2	FALSE	2
chrIV	2436514	2463368	NovelExon	K.NSKKFEN	0.996795	1	TRUE	1
chrV	919718	925946	FrameShift	R.MRSKAG	0.998451	1	TRUE	1
chrIII	3583850	3586471	NovelGene	K.LVDAVYY	0.999986	2	FALSE	2
chrX	8673008	8681601	NovelExon	R.IPIKTKKV	0.995159	1	TRUE	1
chrI	5788634	5791755	ReverseStr	R.QVSLSS	0.999986	2	TRUE	2
chrIII	6587811	6589345	ExonBounc	R.SFSIDHV	0.994392	1	TRUE	1
chrX	13191177	13193886	FrameShift	R.HRFEEVS	0.997473	1	TRUE	1
chrX	16088828	16090461	NovelGene	K.KASFEIV	1	3	FALSE	3
chrI	6329538	6330185	ReverseStr	R.MSPQYLI	0.999943	2	TRUE	2
chrX	16944804	16947953	FrameShift	K.TSSSFAQ	0.994946	1	TRUE	1
chrV	15000634	15002178	ReverseStr	R.KKTAPLSI	1	3	FALSE	3
chrX	325962	334587	FrameShift	K.KTRQAG	0.998783	1	TRUE	1
chrI	11747419	11792109	ReverseStr	K.LTEFQIFG	0.999992	2	TRUE	2
chrX	13930830	13931965	ExonBounc	K.YDRVPVS	0.998491	1	TRUE	1
chrX	1502875	1503214	GeneBounc	K.KFIQNLN	0.999999	7	FALSE	2
chrIV	7924341	7924955	GeneBounc	_.DDAGMA	1	2	FALSE	2
chrI	13438055	13450207	NovelExon	R.EIWALVII	0.994381	1	TRUE	1

chrIV	7466690	7469821	NovelExon	K.PFNRLFVI	0.997536	1	TRUE	1
chrI	12181068	12183245	ExonBounc	R.KFAPVSFI	0.997975	1	TRUE	1
chrIII	1081394	1095063	NovelExon	K.KKLSGGK	0.995673	1	TRUE	1
chrX	13727229	13733601	ReverseStr	K.LKKVGEIK	0.999997	2	TRUE	2
chrIV	14276440	14285499	FrameShift	K.KVEMGQ	0.995533	1	TRUE	1
chrIV	12355687	12360770	ReverseStr	R.GGRISPR	1	3	TRUE	3
chrIII	4475887	4476856	FrameShift	S.YDLHGDS	1	1	TRUE	1
chrV	12288901	12291641	FrameShift	K.QKSNWH	0.999992	2	TRUE	2
chrIV	6334204	6335164	ExonBounc	R.QLADNM	0.994231	1	TRUE	1
chrX	12898578	12901423	NovelGene	R.RENVEHC	1	3	FALSE	3
chrX	17065029	17069134	ReverseStr	R.VAGESCS	1	3	TRUE	3
chrII	6810920	6816411	FrameShift	K.MKKNKLI	0.996141	1	TRUE	1
chrIII	8409424	8411947	GeneBounc	R.NVAMLA	0.999998	2	FALSE	2
chrIII	13346984	13356266	GeneBounc	R.INSEGTP	1	3	FALSE	3
chrIII	4476857	4477552	ReverseStr	S.YDLHGDS	1	3	FALSE	3
chrV	12608153	12608953	FrameShift	R.LNMHREI	0.997809	1	TRUE	1
chrV	459770	462076	ReverseStr	K.FKFSRKIL	0.99994	2	TRUE	2
chrIII	12074190	12077456	ReverseStr	R.QLSTTGS	1	3	TRUE	3
chrII	11743329	11748548	ReverseStr	T.YYQQFVY	1	8	TRUE	6
chrIV	3663631	3664405	FrameShift	_.MGNGPV	0.994152	1	TRUE	1
chrX	9810173	9822215	FrameShift	K.KLRSACA	0.999063	1	TRUE	1
chrX	3252951	3256164	FrameShift	R.FNLSTGA	0.997799	1	TRUE	1
chrX	3827212	3829281	NovelExon	K.ESPVTRR	0.996105	1	TRUE	1
chrIV	10130344	10133255	ReverseStr	L.RNTRNDM	0.999968	2	FALSE	2
chrI	14097543	14101071	NovelExon	K.IDFFQFFK	0.998019	1	TRUE	1
chrIII	12715622	12743828	FrameShift	V.YGVDTTG	0.99748	1	TRUE	1
chrIII	9002712	9004760	GeneBounc	R.SSIEWIF	1	3	FALSE	3
chrI	12655214	12655960	ReverseStr	_.KNATFSFI	1	12	FALSE	3
chrII	7033751	7034134	NovelGene	Q.EMKEVG	0.999958	2	FALSE	2
chrIV	1027754	1030024	NovelExon	K.KISKKFQK	0.994953	1	TRUE	1
chrII	13278105	13304159	Translated	K.EVDREGG	0.999969	2	TRUE	2
chrV	9966380	9976202	ReverseStr	R.GCMRAR	0.99996	2	FALSE	2
chrI	614656	629449	NovelExon	K.KSEKSIID	0.999743	1	TRUE	1
chrIII	7895692	7896914	ReverseStr	K.KNKICNN	0.999999	3	TRUE	3
chrI	2857399	2857595	NovelGene	K.NCRNNAI	0.999985	2	FALSE	2
chrII	13406090	13411210	FrameShift	K.KNVFFFD	0.999566	1	TRUE	1
chrI	8083578	8095569	GeneBounc	R.NSGIKGIT	1	3	FALSE	3
chrIV	3000539	3011197	NovelExon	R.IIFAISCSM	0.996623	1	TRUE	1
chrII	6868899	6870796	GeneBounc	K.QETTLQF	0.999996	2	FALSE	2
chrIII	4216743	4228067	NovelExon	R.GGIFTSTL	0.996207	1	TRUE	1
chrIII	1824910	1834136	NovelExon	R.QFGPTV	0.995427	1	TRUE	1
chrIII	3226343	3230643	NovelExon	K.ICTICLTI	0.99785	1	TRUE	1
chrIV	9401972	9412850	ExonBounc	R.LADGTPF	0.99683	1	TRUE	1
chrI	14569506	14580967	NovelExon	K.KMVEAH	0.995799	1	TRUE	1
chrIV	7428915	7444651	ReverseStr	K.WWLFSP	0.999931	2	TRUE	2
chrV	709109	710567	FrameShift	R.INLRSTKL	0.997052	1	TRUE	1
chrV	104830	105964	GeneBounc	R.RRRWWF	1	3	FALSE	3

chrX	9150637	9160597	NovelExon	R.FMPSSL	0.998173	1	TRUE	1
chrV	19646062	19647310	NovelExon	K.GGGGGT	0.995902	1	TRUE	1
chrI	4830136	4835872	NovelExon	K.QVILNLF	0.998261	1	TRUE	1
chrIV	2275877	2300351	ReverseStr	L.EGLSPGG	0.999974	2	TRUE	2
chrIII	10088667	10090708	NovelExon	R.KTKIKGE	0.998674	1	TRUE	1
chrII	12895569	12897393	ExonBound	K.DLNLVGE	0.99879	1	TRUE	1
chrX	4344227	4345626	FrameShift	R.YQLINNV	0.994786	1	TRUE	1
chrIV	8775409	8778132	NovelExon	K.IAQSTNL	0.998025	1	TRUE	1
chrII	7525718	7528194	ExonBound	K.QDFKAC	0.99564	1	TRUE	1
chrIV	8261131	8266449	FrameShift	K.PTMRTCC	1	8	TRUE	4
chrIII	4752864	4754048	ReverseStr	_.DISWVLN	1	4	TRUE	4
chrII	2460851	2472867	ReverseStr	K.KFIDFCSE	0.999939	2	FALSE	2
chrII	9331584	9333907	ExonBound	R.DKNEFIV	0.995146	1	TRUE	1
chrIV	11850905	11855136	ReverseStr	S.FLGVLLK	0.999947	2	TRUE	2
chrIV	9978165	9980749	GeneBound	R.SSMYGLF	0.999975	2	FALSE	2
chrX	5720407	5728623	NovelExon	R.KNERERE	0.997275	1	TRUE	1
chrX	15262658	15267912	GeneBound	K.KTILGNA	1	3	FALSE	3
chrI	398894	412513	ReverseStr	R.EKWRNFI	0.999963	2	FALSE	2
chrI	12995796	13004366	NovelExon	R.NFTEKTK	0.994073	1	TRUE	1
chrX	15257528	15258979	FrameShift	_.DLKPPDIF	0.998565	1	TRUE	1
chrII	508245	509326	FrameShift	K.LVHNDFA	0.99945	1	TRUE	1
chrX	1837416	1839018	ExonBound	K.AFKMKG	0.999999	2	TRUE	2
chrIII	2034967	2047997	ReverseStr	R.IAEKHFF	0.999918	2	TRUE	2
chrV	14441126	14445325	FrameShift	_.QNGNVQ	0.998479	1	TRUE	1
chrV	1794047	1799693	NovelExon	K.KFLISSK	0.996834	1	TRUE	1
chrIV	11814224	11819438	FrameShift	M.SSMHFV	0.998185	1	TRUE	1
chrI	2915178	2918808	GeneBound	K.KLHPKLS	0.999978	2	FALSE	2
chrIII	845840	850324	ReverseStr	K.FPIKTSSK	0.99995	2	TRUE	2
chrV	6417476	6424140	FrameShift	R.VVDSIDG	0.995363	2	TRUE	1
chrII	3641503	3644085	GeneBound	R.SIYEQRAI	0.999989	3	FALSE	2
chrII	11464860	11468589	GeneBound	K.LLFHQSK	0.999999	2	FALSE	2
chrIV	1297224	1309644	GeneBound	R.RSSSDKLI	1	3	FALSE	3
chrI	13958045	13960428	GeneBound	K.IMMMV	0.999965	2	FALSE	2
chrI	7853745	7857829	ExonBound	K.DNLKVD	0.998397	1	TRUE	1
chrIV	14088014	14090120	NovelGene	N.IHEKKKEI	1	3	FALSE	3
chrII	11336627	11337771	FrameShift	R.WTTRTSF	0.996101	1	TRUE	1
chrIV	13009111	13035852	Translated	K.IIVCGILKF	0.999986	3	TRUE	2
chrII	8770920	8781966	FrameShift	R.KEQNSRM	0.99779	1	TRUE	1
chrII	1818895	1820008	GeneBound	K.LSLHEVD	0.999984	2	FALSE	2
chrV	15512161	15512755	ExonBound	R.AEKRFDL	0.996495	1	TRUE	1
chrV	1482051	1483053	FrameShift	R.CSEGQTV	0.996614	1	TRUE	1
chrI	11851699	11868096	NovelExon	R.EIQKISYIL	0.998695	1	TRUE	1
chrI	13527355	13527952	FrameShift	K.IQIKNVE	0.999755	1	TRUE	1
chrIII	5677908	5678988	ReverseStr	R.KVVGCCS	1	3	FALSE	3
chrV	16160665	16162204	GeneBound	K.QFGAIAIK	0.999941	2	FALSE	2
chrX	13529018	13531977	ReverseStr	K.KPPEAFR	0.999958	2	TRUE	2
chrII	8191722	8193278	ReverseStr	K.YWVHKV	0.999968	2	TRUE	2

chrIII	2436095	2442318	NovelExon	_.TWISTKPI	0.996046	1	TRUE	1
chrV	6633252	6639641	FrameShift	K.CRISYWN	0.994884	1	TRUE	1
chrX	3382855	3385533	NovelExon	K.IMLKMY	0.99612	1	TRUE	1
chrI	4386788	4401981	FrameShift	K.FPLSAEP	0.995329	1	TRUE	1
chrV	13340227	13343027	FrameShift	K.AQDTVNI	0.994342	1	TRUE	1
chrV	1935162	1938212	NovelGene	R.RRVCSTG	0.999967	2	FALSE	2
chrI	4229896	4236040	NovelExon	R.MSCASL	0.994406	1	TRUE	1
chrX	15628731	15630348	ReverseStr	K.IQKWAN	0.99999	3	TRUE	2
chrV	13406903	13408172	FrameShift	R.LVSIFWG	0.995904	1	TRUE	1
chrX	7272317	7280275	ReverseStr	R.MWLVL	0.999977	2	TRUE	2
chrI	17483	26781	NovelExon	K.HNAV TIN	0.99781	1	TRUE	1
chrII	2783107	2787094	ReverseStr	_.KSLKKAR	0.999954	2	TRUE	2
chrII	8144745	8147190	GeneBound	_.IKNSHTQ	1	10	FALSE	4
chrX	6449999	6450902	FrameShift	_.LPIHSAK	0.995384	1	TRUE	1
chrI	9228156	9232090	NovelExon	R.VLYYTWT	0.998245	1	TRUE	1
chrX	1706365	1706633	FrameShift	K.NLSV FVS	0.997446	1	TRUE	1
chrV	728313	734280	Translated	K.IMTTVGP	1	3	TRUE	3
chrV	8746136	8750171	FrameShift	K.FMILSAY	0.995631	1	TRUE	1
chrX	11273206	11275418	GeneBound	R.TVNYEVII	0.999999	2	FALSE	2
chrV	17606324	17606896	FrameShift	R.VVYVTIH	0.997872	1	TRUE	1
chrI	8853681	8861267	ReverseStr	R.SSLDSTQ	0.999915	2	TRUE	2
chrV	19848295	19855288	NovelExon	R.NFFIEDFY	0.996557	1	TRUE	1
chrI	3502741	3508408	FrameShift	R.FFRKQFD	0.99842	1	TRUE	1
chrV	5536685	5537702	GeneBound	_.LQMMGS	0.999954	2	FALSE	2
chrIV	5567043	5574100	NovelExon	_.TVFYGDL	0.998125	1	TRUE	1
chrII	7834020	7835092	NovelExon	R.FYFDLNI	0.997869	1	TRUE	1
chrIII	7184286	7187803	FrameShift	K.NKWMNI	0.996298	1	TRUE	1
chrII	11614572	11633545	NovelExon	R.SRAIAWF	1	1	TRUE	1
chrIII	11512762	11523659	ExonBound	K.KIKYISSQ	0.998772	1	TRUE	1
chrI	489987	496157	ReverseStr	K.SESFFRN	0.999999	3	TRUE	3
chrI	11253342	11255875	NovelExon	K.NATREVR	0.997139	1	TRUE	1
chrX	16275696	16282375	FrameShift	R.HEKGVSR	0.994467	1	TRUE	1
chrV	4879931	4881463	FrameShift	R.FLCGCKG	0.99573	1	TRUE	1
chrIII	11949806	11960084	NovelExon	K.VQKMCK	0.999905	2	TRUE	2
chrII	1026035	1033671	NovelExon	R.GKCQKKS	0.996038	1	TRUE	1
chrI	4137452	4138956	ReverseStr	R.VEDIRDK	0.999977	2	TRUE	2
chrIII	5993181	6006318	NovelExon	_.LTDFCGL	0.999844	1	TRUE	1
chrI	8592086	8592920	GeneBound	K.LTYSSKAI	1	2	FALSE	2
chrI	2876934	2878519	FrameShift	K.IMQEKSP	0.996911	1	TRUE	1
chrI	112365	112915	GeneBound	R.IWRWQV	1	4	FALSE	2
chrIII	7208385	7209800	ExonBound	R.VEINYFA	0.994728	1	TRUE	1
chrIV	12374471	12376097	FrameShift	R.MRKSM	0.995438	1	TRUE	1
chrIV	10885217	10885994	FrameShift	R.SRYSCR	0.994558	1	TRUE	1
chrV	20094217	20095226	ReverseStr	K.KFQIFFV	1	3	TRUE	3
chrI	10179835	10183987	FrameShift	K.STLYPNA	0.994312	1	TRUE	1
chrI	6221247	6223117	ReverseStr	_.SEWLASC	1	4	FALSE	4
chrIV	11143324	11145997	FrameShift	R.WRESSW	0.997754	1	TRUE	1

chrIII	12921428	12925898	NovelExon	R.NFATLRH	0.998987	1	TRUE	1
chrIII	4084010	4086618	ReverseStr	K.TIRKMGM	1	6	TRUE	4
chrIV	10328758	10348944	ReverseStr	K.TPAMNN	0.999997	2	TRUE	2
chrIII	9766430	9774721	FrameShift	R.WTWWN	0.994221	1	TRUE	1
chrII	2839309	2840391	GeneBound	E.VNTNMA	0.999956	2	FALSE	2
chrII	10694995	10702465	FrameShift	K.ENKPSRG	0.999507	1	TRUE	1
chrX	8432641	8437296	NovelExon	K.GIGFLWN	0.996745	1	TRUE	1
chrII	2565280	2575937	ReverseStr	K.FQFFREK	0.999961	2	TRUE	2
chrX	6853578	6860885	NovelExon	D.DRICLIGF	0.996169	1	TRUE	1
chrV	6594177	6599189	FrameShift	R.LAWKKQ	0.997642	1	TRUE	1
chrV	3955751	3957700	FrameShift	R.HVPSESSI	0.994262	1	TRUE	1
chrII	3052599	3054351	ReverseStr	R.FIEGPARG	0.999956	2	TRUE	2
chrV	9059728	9060459	GeneBound	K.HHYRFGC	0.999989	2	FALSE	2
chrV	20879844	20898876	ReverseStr	R.KNGKIGE	0.999996	2	TRUE	2
chrI	13724563	13731978	ExonBound	K.KSINFQFI	0.996116	1	TRUE	1
chrV	20782441	20785227	GeneBound	R.FFGFAQE	0.999938	2	FALSE	2
chrII	3038862	3040825	FrameShift	R.NVPNFQI	0.998254	1	TRUE	1
chrIII	5604418	5607511	GeneBound	R.SRNDLKD	0.999933	2	FALSE	2
chrIV	10142140	10143079	FrameShift	K.KSSRAGS	0.994138	1	TRUE	1
chrII	14581390	14582285	ReverseStr	._RHGQPPF	0.999995	2	FALSE	2
chrX	12301522	12303225	FrameShift	R.FQTPQPL	0.999923	2	TRUE	2
chrV	5324782	5328454	ExonBound	._NSVGLDM	0.998084	1	TRUE	1
chrII	114429	121219	ReverseStr	K.ECSGISLK	0.999994	2	TRUE	2
chrII	14771887	14772913	ReverseStr	K.FPENRHI	1	3	TRUE	3
chrIV	5678836	5682009	NovelExon	K.TLIKDGES	0.996012	1	TRUE	1
chrIII	2112404	2116887	NovelExon	._NFWKKN	0.997491	1	TRUE	1
chrII	14778290	14782649	ReverseStr	._IPANCRF	0.999994	2	TRUE	2
chrII	8801035	8804827	FrameShift	K.SLFKQPF	0.994542	1	TRUE	1
chrX	15811790	15814969	ReverseStr	R.FLLRKEKS	0.999924	2	FALSE	2
chrIII	8358553	8362373	FrameShift	R.TFKKLECF	0.994126	1	TRUE	1
chrX	2095364	2096052	ReverseStr	._FSKSASLE	1	3	TRUE	3
chrIV	7189179	7190319	FrameShift	K.EWLITM	0.999226	1	TRUE	1
chrII	12114902	12130904	ReverseStr	R.FETFKRH	1	3	FALSE	3
chrIII	5626444	5632276	NovelExon	K.YDRVGA	0.999647	1	TRUE	1
chrI	8737130	8742558	ExonBound	K.KFQNHQ	0.996637	1	TRUE	1
chrIII	12987571	12992391	NovelExon	K.NNVKNSI	0.995835	1	TRUE	1
chrI	3427179	3433095	ExonBound	R.KQEKLGF	0.996001	1	TRUE	1
chrV	8902317	8905401	NovelExon	K.DGNAVLF	0.995376	1	TRUE	1
chrII	8141161	8143345	ReverseStr	._EWSMLTI	1	10	FALSE	4
chrX	8358739	8359481	NovelGene	K.MKSADS	0.999975	2	FALSE	2
chrII	5937071	5940777	ReverseStr	._NLNGKNS	1	3	FALSE	3
chrX	11638790	11641904	NovelGene	R.EFDSNLSI	0.999998	2	FALSE	2
chrV	15760429	15766157	ReverseStr	K.KMFFGNI	1	2	TRUE	2
chrX	16140948	16146952	ReverseStr	K.KVIGHKG	1	5	TRUE	4
chrIV	3222439	3252600	NovelExon	K.KRFMRKF	0.999974	2	TRUE	2
chrX	5340289	5341977	ReverseStr	._ATHLTQN	0.999987	3	TRUE	2
chrX	7727850	7733257	FrameShift	._IESSYDKE	1	1	TRUE	1

chrV	3704982	3712845	FrameShift	R.KTRRRRR	0.998582	1	TRUE	1
chrI	12652305	12653213	NovelExon	R.VVDALGN	0.999821	1	TRUE	1
chrIV	2891555	2892495	ReverseStr	W.AVTDGC	1	4	FALSE	3
chrV	19020458	19024736	GeneBound	R.NFFFKFL	1	4	FALSE	4
chrII	8207949	8209393	ReverseStr	R.KMKIMEI	0.999995	2	FALSE	2
chrI	3881831	3888456	FrameShift	K.FLKMMM	0.99998	2	TRUE	2
chrX	16124080	16128794	ReverseStr	K.KMYSTGC	1	5	TRUE	4
chrI	12652305	12653213	ExonBound	K.VKMPESF	0.998825	1	TRUE	1
chrIV	17476586	17479350	GeneBound	R.MPTVLA	1	3	FALSE	3
chrI	9773161	9774007	FrameShift	K.GPQQPL	0.999716	1	TRUE	1
chrIII	2314425	2326890	FrameShift	K.LQLMLLL	0.996951	1	TRUE	1
chrI	8591209	8591989	ExonBound	_.ISGLSDLY	1	1	TRUE	1
chrIII	706329	715818	ReverseStr	_.KDATAPK	0.999985	2	FALSE	2
chrI	10567883	10569008	FrameShift	K.EGDKVGA	0.99772	2	TRUE	1
chrIV	10516741	10517731	NovelGene	R.TKMGEKI	0.999986	2	FALSE	2
chrX	4885921	4889547	ReverseStr	R.QNSLRQ	0.999988	2	FALSE	2
chrV	19761021	19766739	NovelExon	K.MFLKLEN	0.995115	1	TRUE	1
chrX	8368487	8371557	ReverseStr	K.KVCPKGR	0.999968	2	FALSE	2
chrI	13849606	13850856	ReverseStr	R.NELEVFK	0.999968	2	TRUE	2
chrIV	5864518	5865891	ExonBound	K.QNQNES'	0.999099	1	TRUE	1
chrIV	6910672	6912852	FrameShift	R.HCIHLRTI	0.995965	1	TRUE	1
chrIV	6742527	6747808	NovelExon	_.KFGRTMI	0.995098	1	TRUE	1
chrV	6211890	6217624	ReverseStr	K.RTHTKKA	1	3	TRUE	3
chrIV	6536168	6538989	FrameShift	R.WDYFPI	0.999512	1	TRUE	1
chrIII	2473858	2486616	FrameShift	K.RHRHVDI	0.995618	1	TRUE	1
chrIV	11439165	11447043	ExonBound	R.ETCYVVR	0.994835	1	TRUE	1
chrX	5106229	5107008	ReverseStr	_.NQGVLPF	1	30	FALSE	23
chrIV	1245399	1246872	GeneBound	K.TYHTIPR.	0.999967	2	FALSE	2
chrX	12619404	12623488	ReverseStr	K.KIQKLDH	1	2	TRUE	2
chrIII	12688172	12697445	GeneBound	_.FSVLNMF	0.999951	2	FALSE	2
chrI	4231144	4236040	FrameShift	R.SCSANST	0.998343	1	TRUE	1
chrI	10432812	10435867	ReverseStr	_.CTAVSAS	0.999997	2	TRUE	2
chrIV	4086205	4102901	NovelExon	R.KISGYCSS	0.999185	1	TRUE	1
chrV	9256841	9261101	ReverseStr	K.RFRMRG	0.999961	2	TRUE	2
chrX	17483265	17486756	FrameShift	R.STDIWRS	0.997987	1	TRUE	1
chrX	8893076	8898464	FrameShift	K.EKNLSLT	0.999963	2	TRUE	2
chrIII	5230531	5234568	GeneBound	R.FTQAGSE	1	8	FALSE	6
chrV	6047989	6051244	ReverseStr	R.RLLRRMV	0.999964	2	TRUE	2
chrIV	795379	796567	ReverseStr	K.KNSKITP	0.999981	2	FALSE	2
chrII	5215119	5225361	NovelExon	K.SWTENSE	0.994127	1	TRUE	1
chrII	8636208	8637661	ReverseStr	K.MKMFDP	1	3	FALSE	3
chrII	9991310	10000287	ReverseStr	K.LTKDFGS	0.999997	2	TRUE	2
chrI	14241885	14244442	GeneBound	R.EKSIFLKI	0.999932	2	FALSE	2
chrV	15968402	15969733	GeneBound	R.KMFTFM	0.999925	2	FALSE	2
chrI	368373	373448	NovelExon	R.FRRYGFV	0.996896	1	TRUE	1
chrIII	3006842	3028694	NovelExon	K.NAGIFPA	0.997175	1	TRUE	1
chrI	302596	305461	ReverseStr	S.QVDELLO	1	4	TRUE	4

chrIII	254534	264395	NovelExon	K.YEKIAKIH	0.999174	1	TRUE	1
chrI	2072683	2076909	GeneBounc	_.GSDLLAG	1	5	FALSE	3
chrV	19595174	19606090	ReverseStr	_.FLVFESG	0.999965	2	TRUE	2
chrI	12317312	12318726	FrameShift	N.DGVEIHS	0.995479	1	TRUE	1
chrIV	4454766	4454930	ReverseStr	R.ERESGRM	0.999982	2	FALSE	2
chrIII	12673576	12686129	NovelExon	K.LEKMKKC	0.99947	1	TRUE	1
chrI	434327	434839	NovelGene	R.KKEMTLS	0.999995	2	FALSE	2
chrIV	13888064	13892988	ReverseStr	K.ERESARR	0.999981	2	FALSE	2
chrIII	9778237	9780233	FrameShift	K.VITSKLI	0.999466	1	TRUE	1
chrIV	14843330	14845279	GeneBounc	K.SLNSTSLM	0.999981	2	FALSE	2
chrV	16278171	16280594	GeneBounc	K.LCPSIQFM	0.999966	3	FALSE	2
chrII	11739421	11743335	FrameShift	_.GLAINGG	1	1	TRUE	1
chrX	15966041	15972229	ReverseStr	R.EDRVGYM	0.999961	2	TRUE	2
chrX	2793928	2799235	ReverseStr	R.KPLELVQ	0.999983	2	TRUE	2
chrV	10130443	10134125	ReverseStr	R.SGVVNL	1	3	TRUE	3
chrV	5337168	5338997	NovelExon	K.KVEKNEN	0.994169	1	TRUE	1
chrX	17684420	17684853	NovelGene	K.WEGSYD'	0.999955	2	FALSE	2
chrIV	13368500	13369396	ExonBounc	R.SYSDVSH	0.994355	1	TRUE	1
chrI	2071355	2072551	GeneBounc	_.GSDLLAG	0.999999	4	FALSE	2
chrX	8017972	8025841	NovelExon	K.LGNRLKN	0.998571	1	TRUE	1
chrIV	14173585	14176448	NovelExon	K.NLNVTKR	0.99654	1	TRUE	1
chrI	7537724	7542153	FrameShift	K.DHKNGRI	0.997387	1	TRUE	1
chrV	17601797	17602926	FrameShift	R.RSKQKCC	0.996396	1	TRUE	1
chrIII	12980992	12984322	NovelExon	_.VCHETFP	0.99779	1	TRUE	1
chrIV	3266200	3267672	ReverseStr	E.SEYSTFVT	0.999961	2	FALSE	2
chrX	10997909	10999212	FrameShift	K.KVYSEFKI	0.995049	1	TRUE	1
chrI	3611945	3618321	ReverseStr	_.LGTTVLL	1	3	TRUE	3
chrIII	2134465	2151544	FrameShift	K.IAEKSAEK	0.995024	1	TRUE	1
chrV	6039084	6040565	FrameShift	R.RKEDMD	0.994672	1	TRUE	1
chrIII	3729627	3735024	ReverseStr	R.HNSSDYK	1	3	TRUE	3
chrII	14155205	14155611	ExonBounc	_.LLNCNPV	0.999991	2	TRUE	2
chrI	1686218	1693324	ReverseStr	N.WEIIAVT	0.999996	2	FALSE	2
chrV	17696164	17696822	ReverseStr	R.LSDVSGA	1	3	FALSE	3
chrI	14499715	14510542	NovelExon	K.KKLILCQK	0.998586	1	TRUE	1
chrI	12065938	12068651	FrameShift	K.FPGDVLL	0.996709	1	TRUE	1
chrX	4961896	4964385	FrameShift	R.TTGVVLD	1	4	TRUE	3
chrIV	12390240	12391372	ReverseStr	_.VIWESRR	0.999975	3	TRUE	2
chrX	13926965	13929563	ExonBounc	K.IILGDAPK	0.994798	1	TRUE	1
chrII	4236504	4237752	FrameShift	S.DSGSTIIM	0.995661	1	TRUE	1
chrIII	11706869	11708720	NovelExon	K.AKILISPKI	0.998367	1	TRUE	1
chrX	178242	179376	GeneBounc	R.FGNAIIEK	0.999936	2	FALSE	2
chrX	4673780	4677397	NovelExon	L.LVSYHGA	0.994707	1	TRUE	1
chrIV	13170520	13173670	FrameShift	K.HEVTVFT	0.996611	1	TRUE	1
chrI	4827073	4829797	GeneBounc	V.VLIVMEV	0.999991	2	FALSE	2
chrII	4292784	4292936	NovelGene	K.TLHGVNF	1	2	FALSE	2
chrII	1108848	1110999	GeneBounc	K.KKSKLNFI	0.99998	2	FALSE	2
chrII	2035707	2039391	ReverseStr	_.RDTQRA\	0.999987	2	FALSE	2

chrV	1475086	1476768	GeneBounc	_.EGTDLFIK	0.999982	2	FALSE	2
chrX	14938182	14946249	ReverseStr	R.SPTESVVI	0.999924	2	TRUE	2
chrII	1136808	1152712	GeneBounc	_.HDCYGEK	1	4	FALSE	4
chrIV	8840712	8842792	FrameShift	K.DLEKSSM	0.99858	2	TRUE	1
chrIV	15710823	15722351	NovelExon	I.ILRKSQDN	0.997626	1	TRUE	1
chrIII	4406258	4407298	FrameShift	F.EGIRTGG'	1	1	TRUE	1
chrV	4338898	4341296	NovelExon	R.LKLRFFQI	0.99887	1	TRUE	1
chrIII	12031423	12052205	NovelExon	K.KNFGAKS	0.996652	1	TRUE	1
chrIII	7575208	7579344	ReverseStr	Q.YEDHVQ'	1	9	FALSE	4
chrI	10074958	10077739	ReverseStr	R.ERRQQT/	0.999959	2	FALSE	2
chrIII	4248128	4263021	FrameShift	R.IDVAGFM	0.999558	1	TRUE	1
chrIII	3070515	3085263	FrameShift	R.TRWKTW	1	2	TRUE	2
chrI	9744233	9745981	GeneBounc	K.FLLTFMTI	0.999935	2	FALSE	2
chrIII	11949806	11960084	NovelExon	K.CAKNVKk	0.998714	1	TRUE	1
chrII	9329698	9331484	GeneBounc	K.LKMTECS	1	6	FALSE	6
chrI	9108166	9110911	ReverseStr	E.DQAKRE/	0.999996	2	TRUE	2
chrII	2060135	2063849	ReverseStr	M.VKLMM'	1	4	TRUE	4
chrI	4920773	4926236	ReverseStr	R.NVGGGG	0.999972	2	TRUE	2
chrII	6951598	6955366	ReverseStr	K.LRCAGWI	1	2	TRUE	2
chrV	951588	964801	GeneBounc	R.QIADLPKI	0.999968	2	FALSE	2
chrIV	8492529	8494474	GeneBounc	_.NQNQLIK	0.999998	2	FALSE	2
chrII	10584285	10587874	GeneBounc	K.EIMNGRk	0.999976	2	FALSE	2
chrII	6944261	6947528	ReverseStr	R.KTPIWEK	0.999983	3	TRUE	2
chrIV	9844969	9846627	ReverseStr	_.ELQFHRII	0.99999	3	TRUE	2
chrII	15183733	15185309	GeneBounc	_.RFAEFAG	0.999989	2	FALSE	2
chrIV	10176661	10178077	FrameShift	_.LTGTLEGI	0.996542	1	TRUE	1
chrIII	6606197	6608060	ExonBounc	Y.QVALLGA	1	1	TRUE	1
chrI	444002	461610	NovelExon	R.WFCTSFS	0.996518	1	TRUE	1
chrX	4961896	4964385	FrameShift	_.MGCGINI	0.999994	2	TRUE	2
chrX	2853670	2857595	GeneBounc	R.APHMGV	0.999963	2	FALSE	2
chrIII	1419194	1419906	TranslatedI	_.EDPTQP	0.999994	7	TRUE	2
chrIV	8783309	8785226	ReverseStr	R.RTLREND	0.999984	3	FALSE	2
chrIII	11057182	11061804	ReverseStr	R.NCLRSIQI	1	3	TRUE	2
chrX	15929884	15939254	FrameShift	_.KFQLSHLI	0.995864	1	TRUE	1
chrII	3036190	3037760	ReverseStr	R.NVPNFQI	0.99999	2	TRUE	2
chrII	13032783	13036435	ReverseStr	R.EIAGIEVS	0.999991	2	FALSE	2
chrII	14318082	14320963	GeneBounc	K.KTIIKIKD	1	3	FALSE	3
chrIV	186351	192149	FrameShift	_.FRRWIPC	0.999223	1	TRUE	1
chrIII	5626444	5632276	ReverseStr	K.QKEQKK\	1	3	TRUE	3
chrIII	8881846	8881885	NovelGene	R.GWNKIQ'	0.999981	2	FALSE	2
chrIII	8689861	8693392	FrameShift	_.LEILELMS	0.998696	1	TRUE	1
chrX	5963366	5970132	GeneBounc	K.SSGKCGG	0.999975	2	FALSE	2
chrIII	8419136	8422578	ReverseStr	R.QCKGAEk	0.999958	2	FALSE	2
chrIV	4386644	4388873	ExonBounc	K.GASVVV/	0.999662	1	TRUE	1
chrX	11163892	11175082	NovelExon	K.NTYAVSR	0.994945	1	TRUE	1
chrX	5061023	5062174	FrameShift	K.LEMSMS!	0.998153	1	TRUE	1
chrX	7009751	7012401	NovelGene	I.KTFLFPTD	0.99993	2	FALSE	2

chrV	19908859	19915942	ExonBound	K.WMLTVE	0.995064	1	TRUE	1
chrI	2316309	2318307	FrameShift	R.KVFGAAS	0.997416	1	TRUE	1
chrI	10299853	10300575	GeneBound	K.YVTENVA	1	3	FALSE	3
chrII	14924347	14952867	NovelExon	K.TAKIGGG	0.994398	1	TRUE	1
chrV	16629879	16631134	FrameShift	G.EDCKVVK	0.995802	1	TRUE	1
chrI	8664970	8666491	GeneBound	K.RKRLSMN	0.999974	2	FALSE	2
chrI	348538	357235	NovelExon	K.LNKTRFLI	0.998187	1	TRUE	1
chrV	16600546	16603348	ReverseStr	K.YPGIGGIN	0.999997	2	TRUE	2
chrII	12225294	12227227	ExonBound	K.KSRMVW	0.997652	1	TRUE	1
chrIV	14891432	14900621	FrameShift	_.KQFSITDE	0.995968	1	TRUE	1
chrIV	9770010	9770436	FrameShift	L.RCFAFGQ	0.999581	1	TRUE	1
chrIII	7700069	7709407	ExonBound	R.NCCVFE	0.998076	1	TRUE	1
chrV	13661249	13664224	FrameShift	R.KFAMKVI	0.998774	1	TRUE	1
chrIII	11388615	11393160	NovelExon	K.RTSTQGL	0.99434	1	TRUE	1
chrX	2593996	2606724	ReverseStr	K.DRKKDSA	0.999997	2	TRUE	2
chrX	8557099	8563186	FrameShift	K.MAGTAP	0.99439	1	TRUE	1
chrI	9355064	9357071	NovelExon	R.KLDGFSY	0.995318	1	TRUE	1
chrV	18478439	18480303	GeneBound	K.LLTDQTH	0.999935	2	FALSE	2
chrX	6693696	6695711	FrameShift	K.IGSTEIPV	0.995199	1	TRUE	1
chrV	10315225	10317371	ReverseStr	R.TSSIPTSK	0.999977	2	TRUE	2
chrIV	858930	874529	GeneBound	R.LEGRRRR	0.999974	2	FALSE	2
chrI	12859489	12861283	ReverseStr	R.VGYPNISI	0.999992	2	TRUE	2
chrII	9251728	9252966	ReverseStr	R.IKDVEIPR	0.999982	2	TRUE	2
chrII	1930195	1930752	ReverseStr	K.AELKIKSY	0.99998	2	FALSE	2
chrV	859121	862060	FrameShift	R.MMMGC	0.994286	1	TRUE	1
chrII	4038874	4043132	FrameShift	_.MELRGS	0.994521	1	TRUE	1
chrIV	11146085	11147221	FrameShift	_.FERSNNII	0.997906	1	TRUE	1
chrI	14760637	14768969	NovelExon	K.QCNVYFS	0.996712	1	TRUE	1
chrX	15542944	15546255	FrameShift	R.KAEEKAC	0.995379	1	TRUE	1
chrX	6173923	6175378	ReverseStr	K.YGATRFS	0.999932	2	FALSE	2
chrV	5505280	5509940	ExonBound	R.ALVVNLN	0.99898	1	TRUE	1
chrIV	9307314	9309086	FrameShift	K.HVIPLALM	0.995388	1	TRUE	1
chrIV	2091929	2099890	ReverseStr	_.NKVINFD	1	4	TRUE	3
chrI	6105864	6107717	FrameShift	_.KRGWFRI	0.999738	1	TRUE	1
chrIII	8439394	8443535	ReverseStr	R.SREMSVT	1	4	FALSE	4
chrI	388510	394418	ReverseStr	K.TCKFPFTI	0.999996	2	TRUE	2
chrX	12989424	12991268	FrameShift	R.EWRTSQ	0.996908	1	TRUE	1
chrIV	7218037	7219473	ReverseStr	R.QEFLIK	1	3	TRUE	3
chrX	16988169	16988591	NovelGene	K.QKLKALS	0.999966	2	FALSE	2
chrIII	11257206	11270760	ExonBound	K.NENLKFF	0.997406	1	TRUE	1
chrIV	385894	386609	NovelExon	F.ENVVEVII	1	1	TRUE	1
chrII	11365328	11370248	FrameShift	R.VMRRLP	0.994921	1	TRUE	1
chrV	12498236	12503725	GeneBound	R.NFFGMQ	0.999993	2	FALSE	2
chrII	10720172	10729193	ReverseStr	K.FKENLKI	0.999945	2	FALSE	2
chrIII	8324613	8325537	GeneBound	L.AIDELLM	1	3	FALSE	3
chrI	14241885	14244442	NovelExon	K.TKNASEK	0.995889	1	TRUE	1
chrIII	10896289	10901739	NovelExon	R.KKCRNCP	0.998989	1	TRUE	1

chrIII	6105695	6107459	NovelGene	R.QNYFLVC	0.999914	2	FALSE	2
chrIII	4508830	4512095	FrameShift	R.RIMWSLL	0.998285	1	TRUE	1
chrIV	10310769	10313648	FrameShift	K.MNNNEI	0.996285	1	TRUE	1
chrII	13670567	13694711	ReverseStr	P.YGVVDRF	0.999989	3	TRUE	2
chrIV	7818239	7821149	GeneBounc	R.GFTPMG	0.999995	2	FALSE	2
chrIII	9745781	9746505	ReverseStr	R.LCESGAA	1	2	TRUE	2
chrII	7531107	7533199	GeneBounc	K.QDFKAC	0.999965	2	FALSE	2
chrIII	12688172	12697445	FrameShift	C.AAELLESE	0.995204	1	TRUE	1
chrII	6790004	6791740	FrameShift	_.MITLKMk	0.996126	1	TRUE	1
chrII	13047871	13050733	FrameShift	R.LEDLYKFI	0.996888	1	TRUE	1
chrI	11764294	11792109	NovelExon	K.GRKRPIG	0.995214	1	TRUE	1
chrII	3207686	3208754	ReverseStr	D.INIDKTDI	0.999908	2	TRUE	2
chrII	10612961	10618276	GeneBounc	R.NCTFIKN'	0.999998	2	FALSE	2
chrIV	5207099	5209463	ReverseStr	_.MAPDFRI	0.999972	2	TRUE	2
chrII	11050202	11052269	GeneBounc	K.SLGIISTPI	0.99992	2	FALSE	2
chrIV	12211073	12215967	ReverseStr	K.CTTNISLL	0.999983	2	TRUE	2
chrIII	10808242	10810902	GeneBounc	R.NENDRTI	1	4	FALSE	4
chrII	4753439	4755596	FrameShift	K.LSKIDLSP	0.995131	1	TRUE	1
chrII	10841418	10843565	NovelExon	_.KPSKTDEI	0.999745	1	TRUE	1
chrIV	11576031	11578689	NovelExon	K.NGICGAK	0.995103	1	TRUE	1
chrIII	1849036	1852893	ReverseStr	R.KSDQMA	1	3	TRUE	3
chrII	11679033	11680971	GeneBounc	K.NTFSNKS	0.999967	2	FALSE	2
chrIV	12361546	12370602	GeneBounc	R.NMLIWQ	0.999966	2	FALSE	2
chrIV	4293613	4299076	ReverseStr	_.TPQLSNS	0.999985	2	TRUE	2
chrV	9099759	9101111	ReverseStr	V.EAQKEAC	0.999944	2	TRUE	2
chrX	13747379	13751709	NovelExon	_.FDAFGEP	0.994617	1	TRUE	1
chrI	1988726	2010482	NovelExon	K.AKILQKM	0.994586	1	TRUE	1
chrIII	13060535	13062183	NovelGene	K.QDFLCLFI	0.999979	2	FALSE	2
chrIV	10496404	10501579	NovelExon	R.SSPMAPF	0.997176	1	TRUE	1
chrIV	5747371	5757851	NovelExon	_.YLYKMPV	0.996171	1	TRUE	1
chrI	7055356	7056874	ReverseStr	K.GQKTYQC	0.999974	3	FALSE	2
chrI	9860494	9862394	NovelExon	R.NKTGEID	0.997014	1	TRUE	1
chrII	13448765	13460572	NovelExon	K.MTKNSAI	0.996856	1	TRUE	1
chrI	9874689	9879110	NovelExon	K.KSKKSCA	0.994242	1	TRUE	1
chrIII	13344836	13346765	GeneBounc	R.INSEGTP	0.999971	2	FALSE	2
chrII	12490150	12491751	FrameShift	R.QEPPTTH	0.998612	1	TRUE	1
chrX	7600777	7606348	NovelExon	_.KRFGGVL	0.994509	1	TRUE	1
chrV	12107123	12109118	FrameShift	R.CFLTLLQ	0.994055	1	TRUE	1
chrIV	5791285	5793446	NovelExon	_.RCQGRHI	0.998179	1	TRUE	1
chrV	3954024	3955445	ReverseStr	R.NGLYQRC	0.999991	2	FALSE	2
chrI	15041421	15050691	NovelExon	R.FKKLDILIF	0.994688	1	TRUE	1
chrI	2907748	2924717	ReverseStr	R.WGDHGF	1	4	TRUE	4
chrIII	2197996	2206872	ReverseStr	K.LSEVSRV	0.999995	2	TRUE	2
chrX	16332368	16345951	GeneBounc	R.ESSKSDRI	0.999969	2	FALSE	2
chrV	10023535	10028135	ExonBounc	K.TAEHVEC	1	2	TRUE	2
chrIV	9625906	9634931	FrameShift	K.SKTIFNIIF	0.996221	1	TRUE	1
chrV	19670230	19671332	ReverseStr	R.MFYDMK	1	3	FALSE	3

chrI	10823347	10828443	FrameShift	R.WMWKH	0.994027	1	TRUE	1
chrIV	959452	984392	ExonBounc	K.FFLAKSRF	0.997646	1	TRUE	1
chrIV	4050089	4050709	ReverseStr:	K.GGQVSAI	1	3	FALSE	3
chrII	8204290	8207522	FrameShift	R.VLTGDLA	0.998929	1	TRUE	1
chrIV	2084034	2091928	GeneBounc	_.VYALLNTI	0.999994	3	FALSE	2
chrX	5109473	5112347	NovelExon	R.FDVIFNV	0.997601	1	TRUE	1
chrI	12932026	12933740	FrameShift	K.LTDANIAI	0.996656	1	TRUE	1
chrI	12535312	12537661	FrameShift	K.KCQGGG	0.994787	1	TRUE	1
chrI	14721752	14724728	ReverseStr:	R.KNPVLNF	0.999967	2	TRUE	2
chrII	2557783	2563682	ReverseStr:	R.NKRNRPF	1	3	FALSE	3
chrIII	1181994	1184930	ReverseStr:	R.SSNGGKI	0.99998	2	TRUE	2
chrI	12474610	12475924	FrameShift	G.KYCITFIF	0.998587	1	TRUE	1
chrX	10589718	10593274	ReverseStr:	R.CSSRYRCI	0.999995	4	TRUE	2
chrX	11778290	11780242	NovelGene	K.FQSLNNR	1	3	FALSE	3
chrI	2071355	2072551	FrameShift	K.PRSSSKHI	0.995879	1	TRUE	1
chrIV	3077470	3086920	FrameShift	K.FNSTWGI	0.994716	1	TRUE	1
chrI	9077559	9080017	ReverseStr:	R.MTSGKTI	1	2	TRUE	2
chrI	14358512	14367577	NovelExon	R.NSNQKN	0.997327	1	TRUE	1
chrII	13402910	13404559	GeneBounc	K.RKKNEKK	1	4	FALSE	4
chrX	13567371	13569886	ReverseStr:	K.GLFLSSGI	0.999984	2	TRUE	2
chrII	5014718	5015317	ExonBounc	_.FQASDAK	0.995391	1	TRUE	1
chrII	3972823	3974971	ExonBounc	_.FFPYFHYF	0.994441	1	TRUE	1
chrV	5240754	5243120	ReverseStr:	_.FRVEVVE	0.999952	2	TRUE	2
chrI	111038	112417	FrameShift	K.VQHHLFE	1	1	TRUE	1
chrIV	8395063	8395132	NovelGene	K.EFQNYPK	0.999994	2	FALSE	2
chrIII	13643817	13656684	ReverseStr:	R.EGRAEAE	0.999979	2	TRUE	2
chrII	1612795	1614066	ReverseStr:	R.MLNFLSC	0.999926	2	FALSE	2
chrIV	1297224	1309644	FrameShift	R.RFLKWKS	0.996401	1	TRUE	1
chrX	17247600	17248898	ReverseStr:	R.SSLESQN	0.999933	2	FALSE	2
chrIII	5833978	5835712	ReverseStr:	K.SENVVVR	0.999932	2	FALSE	2
chrII	6679511	6682937	GeneBounc	R.LLELAPTC	1	5	FALSE	5
chrIV	7926736	7927279	ReverseStr:	R.GDLPHSL	1	4	FALSE	4
chrIV	2594656	2596272	GeneBounc	L.MQQNAS	0.999953	2	FALSE	2
chrIII	11496739	11500618	ReverseStr:	R.LIGHTVLI	1	3	TRUE	3
chrV	18628652	18636145	NovelExon	K.ILFRAYLG	0.99811	1	TRUE	1
chrIII	9145248	9145899	FrameShift	_.NKACLLSI	0.99456	1	TRUE	1
chrX	1794241	1795685	ReverseStr:	R.EWATRE\	0.999999	4	TRUE	2
chrIV	17272194	17273615	ReverseStr:	K.KISAHGTI	1	3	TRUE	3
chrII	3381912	3384023	ReverseStr:	R.DKQLELE	0.999964	2	FALSE	2
chrX	1925744	1937683	NovelExon	R.GATQLRS	0.995611	1	TRUE	1
chrX	14284798	14293923	ReverseStr:	K.VGREGSC	0.999994	3	TRUE	2
chrIV	13051353	13052125	FrameShift	_.RIPRMKN	0.997858	1	TRUE	1
chrX	8661224	8671701	ExonBounc	R.GHEKTM	0.996116	1	TRUE	1
chrX	6713538	6716355	FrameShift	K.SRSKAERI	0.994174	1	TRUE	1
chrI	12773649	12782247	FrameShift	R.CKTSTRN	0.996715	1	TRUE	1
chrIV	5083322	5086859	FrameShift	R.TYAKNGK	1	1	TRUE	1
chrII	8457767	8464514	FrameShift	_.WEESKLS	0.996332	1	TRUE	1

chrV	9090055	9090582	FrameShift	K.INLDGHT	0.999815	1	TRUE	1
chrX	15852866	15860539	FrameShift	K.FCRLRGS	0.997078	1	TRUE	1
chrIV	2150650	2159162	NovelExon	K.FEIGGLEK	0.99466	1	TRUE	1
chrIV	13300804	13303667	ExonBounc	K.KHAEAQI	0.998327	1	TRUE	1
chrI	111038	112417	FrameShift	_.GQIRGSA	0.999994	2	TRUE	2
chrX	4581571	4585638	FrameShift	_.KTGLYFSI	0.996187	1	TRUE	1
chrII	13882633	13887964	NovelExon	R.KLKKKILK	0.997039	1	TRUE	1
chrI	572180	575122	ReverseStr:	R.QMPTIFF	0.999957	2	TRUE	2
chrI	6872596	6873754	ReverseStr:	K.SDIWAFG	0.999974	2	FALSE	2
chrX	9501561	9516378	ReverseStr:	K.TLGISSTY	0.999961	2	TRUE	2
chrV	12448662	12449985	FrameShift	R.DSRIVFDI	0.996076	1	TRUE	1
chrX	11667092	11672203	NovelExon	K.TLFNSTFS	0.999419	1	TRUE	1
chrX	2953492	2955529	NovelGene	K.CAIFVKTC	1	3	FALSE	3
chrIV	16550619	16553615	NovelGene	R.VLINSGAI	1	3	FALSE	3
chrIV	10473619	10475678	GeneBounc	R.SIYKFYSN	0.999997	2	FALSE	2
chrI	13214084	13216212	FrameShift	K.GKEKPTI	0.996216	1	TRUE	1
chrV	4794585	4797001	NovelExon	R.QFRQSGI	0.997829	1	TRUE	1
chrIII	6309326	6320819	FrameShift	R.RHKQMV	0.99755	1	TRUE	1
chrI	11618	16842	FrameShift	K.SVETENA	0.99733	1	TRUE	1
chrII	11992944	11997946	ReverseStr:	K.FFFDSKKI	0.999962	2	TRUE	2
chrIV	13052943	13055130	GeneBounc	R.YPFQCSSI	0.999997	2	FALSE	2
chrIII	1540483	1543412	FrameShift	_.KGSQQA	0.99449	1	TRUE	1
chrX	12843244	12845314	GeneBounc	K.RWMRKE	0.999955	2	FALSE	2
chrIV	5458872	5460726	FrameShift	R.ATKCSPM	0.994455	1	TRUE	1
chrI	9874689	9879110	NovelExon	K.TTVKTITS	0.996308	1	TRUE	1
chrIV	3111372	3133141	NovelExon	K.KKDEKKA	0.998527	1	TRUE	1
chrIV	7681414	7696911	GeneBounc	K.KDQKVNI	0.999978	2	FALSE	2
chrX	12877410	12880255	ReverseStr:	R.HQPNNNS'	0.999984	2	FALSE	2
chrIII	1789138	1806612	GeneBounc	K.MQLFSDI	0.999982	2	FALSE	2
chrIV	499897	502003	NovelGene	K.LLAKKST\	0.999936	2	FALSE	2
chrX	6060722	6065951	NovelExon	K.KREGERK	0.994728	1	TRUE	1
chrX	256210	260110	GeneBounc	R.RRRWWF	1	3	FALSE	3
chrI	12787933	12806571	NovelExon	R.KICHKLG	0.994255	1	TRUE	1
chrX	226651	227394	GeneBounc	K.NQNKRKI	1	2	FALSE	2
chrIV	3032764	3050100	FrameShift	K.MIMIGRM	0.996386	1	TRUE	1
chrII	1769128	1771056	FrameShift	R.MKHGAL	0.995245	1	TRUE	1
chrX	5752190	5755183	NovelGene	K.KVYFAGK	0.999927	2	FALSE	2
chrIII	4796806	4802875	GeneBounc	L.CNRSETA	0.999969	2	FALSE	2
chrIII	7210011	7215049	GeneBounc	R.VEINYFA	0.999988	4	FALSE	2
chrV	18784926	18786759	NovelExon	R.NIANMG'	0.99771	1	TRUE	1
chrII	2878915	2884900	FrameShift	R.HFGCGFS	0.997685	1	TRUE	1
chrII	8177526	8180329	FrameShift	R.TVMCYN'	0.996143	1	TRUE	1
chrIII	8362337	8368763	NovelExon	K.ILCFNVDI	0.996713	1	TRUE	1
chrIV	16312799	16313793	NovelGene	K.LLNPVVL	0.99993	2	FALSE	2
chrIII	5607466	5610304	NovelExon	R.IFSAGELR	0.996232	1	TRUE	1
chrII	1771653	1774961	GeneBounc	_.LLKFEYCR	0.999978	3	FALSE	2
chrIV	8494537	8496352	ReverseStr:	C.HYLKCLG	0.999993	2	TRUE	2

chrIV	10615481	10620935	NovelExon	R.KYHMKQ	0.996279	1	TRUE	1
chrI	3888334	3891521	ReverseStr	K.FLKMMM	1	3	FALSE	3
chrIV	930492	935699	ExonBounc	K.NIINPKFP	0.999377	1	TRUE	1
chrV	17176692	17178043	ReverseStr	R.YRYLYSSK	0.999955	2	TRUE	2
chrX	5298529	5306296	FrameShift	R.KMSMSV	0.996492	1	TRUE	1
chrI	10750949	10776028	NovelExon	R.VPLFMNI	0.995588	1	TRUE	1
chrX	15580532	15586748	FrameShift	R.KLDSGAN	0.998878	1	TRUE	1
chrIII	3241707	3248570	NovelExon	R.KKIDGRR	0.998871	1	TRUE	1
chrV	3386488	3388153	NovelExon	R.LLTTRVLE	0.99589	1	TRUE	1
chrII	11126874	11127472	GeneBounc	_.SRYGVVD	0.999995	2	FALSE	2
chrX	7066301	7068519	ReverseStr	R.LLQCPHH	0.99999	2	TRUE	2
chrIII	9404420	9406557	FrameShift	K.RCNWSR	0.9992	1	TRUE	1
chrIV	15361562	15368228	NovelExon	K.SINWRG\	0.9974	1	TRUE	1
chrV	177580	184873	ReverseStr	R.KTEIMGC	0.999957	2	FALSE	2
chrII	11481033	11481872	NovelGene	K.EKQHTRT	0.999992	2	FALSE	2
chrX	3403457	3408591	NovelSplice	_.TLNVNGC	1	2	TRUE	2
chrI	12587232	12591081	GeneBounc	K.GYAAPVC	0.999999	3	FALSE	3
chrIII	11611172	11612371	ReverseStr	K.KSIIVTKI	1	5	TRUE	5
chrIV	4490535	4495512	NovelExon	C.SKTACHC	0.998639	1	TRUE	1
chrIII	5679253	5680142	FrameShift	R.KVVGCSS	0.999994	2	TRUE	2
chrII	13845583	13848751	NovelGene	K.INRQNNF	1	3	FALSE	3
chrV	9628290	9629086	ReverseStr	_.WTQTNG	0.999974	2	TRUE	2
chrI	444002	461610	NovelExon	R.YCKNIENI	0.99533	1	TRUE	1
chrV	9135634	9137696	FrameShift	K.YVGNQSS	0.994296	1	TRUE	1
chrIV	12150934	12154220	FrameShift	K.IYPKILIII	0.997398	1	TRUE	1
chrI	550711	556641	FrameShift	R.RDLGNVF	0.996822	1	TRUE	1
chrI	3502741	3508427	NovelExon	R.FFRKQFD	0.99842	1	TRUE	1
chrV	18533926	18549077	FrameShift	_.QFPSQR	0.999063	1	TRUE	1
chrII	14434477	14437896	NovelExon	K.NVSMEM	0.997827	1	TRUE	1
chrV	11201887	11216758	ReverseStr	R.MMIQVT	0.999987	2	TRUE	2
chrI	17483	26781	NovelExon	R.QRWOLF	0.996871	1	TRUE	1
chrII	14133322	14142122	NovelExon	R.QISGMKI	0.997114	1	TRUE	1
chrIII	13604238	13605967	ReverseStr	L.AMEEEIA	0.999997	2	TRUE	2
chrIII	1951517	1952019	GeneBounc	_.FQVKTSR	1	4	FALSE	4
chrV	7009743	7012226	FrameShift	K.MRKRRR	0.999986	2	TRUE	2
chrX	8720170	8720706	FrameShift	R.SKWSTNS	0.998329	1	TRUE	1
chrI	13861456	13887641	NovelExon	K.NKENYW	0.999251	1	TRUE	1
chrII	4155775	4167370	ReverseStr	K.YRHSANS	0.999978	2	TRUE	2
chrIV	6524597	6526485	FrameShift	K.ILMKITKC	0.995099	1	TRUE	1
chrX	14747251	14750321	ExonBounc	R.NEIVFQV	0.994901	1	TRUE	1
chrI	101213	108161	FrameShift	R.EKEKASA	0.998034	1	TRUE	1
chrI	9280954	9286569	NovelExon	K.LKKKILKI	0.996173	1	TRUE	1
chrIV	11521266	11522193	FrameShift	R.RSDQVDI	0.99612	1	TRUE	1
chrI	2707601	2717551	NovelExon	R.ICISKGGM	0.999142	1	TRUE	1
chrIV	3088425	3088509	NovelGene	K.SQPKPKP	0.999989	2	FALSE	2
chrX	12731780	12737362	FrameShift	K.KSIKLWN	0.995245	1	TRUE	1
chrI	496208	502046	ReverseStr	S.HYGLIYK	0.999997	4	FALSE	2

chrV	17968565	17980055	NovelExon	K.VFEICNK\	0.998601	1	TRUE	1
chrV	16854624	16856130	ReverseStr:	R.RGKFRRV	0.999955	2	FALSE	2
chrI	2382967	2401490	ReverseStr:	R.FCKKQRF	0.999923	2	TRUE	2