

ID	Chrom	Start	End	Gene	Distance	Gene	Distance
RF 1	chr1	12634842	12634968	NM_172294	73783	NM_177173	-1230650
RF 2	chr1	13650599	13650854	NM_001011873	8252	NM_145381	34620
RF 3	chr1	16145127	16145184	NM_025303	-73763	NM_133832	-49165
RF 4	chr1	31153315	31153582	NM_027637	-44607	NM_011200	156168
RF 5	chr1	37119972	37120126	NM_009918	156133	NM_018872	270939
RF 6	chr1	58449815	58449997	NM_025824	164	NM_001008419	-114646
RF 7	chr1	59030296	59030532	NM_172656	118	NM_172406	73003
RF 8	chr1	63514188	63514351	NM_001081658	-155236	NM_011780	-21711
RF 9	chr1	72078429	72078526	NM_001005423	-127589	NM_010233	446333
RF 10	chr1	72629716	72629948	NM_018817	128	NM_001045533	156031
RF 11	chr1	78534198	78534433	NM_001001981	120250	NM_026713	-25733
RF 12	chr1	91351152	91351357	NM_178119	233	NM_133816	-384116
RF 13	chr1	93146758	93146960	NM_026454	137	NM_016894	-70360
RF 14	chr1	95532224	95532412	NM_016778	50046	NM_021537	14897
RF 15	chr1	107011556	107011680	NM_178779	-164951	NM_011800	-346161
RF 16	chr1	108068010	108068346	NM_009741	-366745	NM_001122675	-181028
RF 17	chr1	120285747	120285924	NM_023755	238774	NM_177548	-113
RF 18	chr1	129999061	129999387	NM_181750	821	NM_027678	148299
RF 19	chr1	129999805	129999930	NM_181750	77	NM_027678	149043
RF 20	chr1	138036957	138037196	NM_028872	-73150	NM_001039472	-8980
RF 21	chr1	140515735	140515933	NM_001025565	-206027	NM_021605	134445
RF 22	chr1	152240271	152240546	NM_021400	-56270	NM_133780	-289
RF 23	chr1	155545672	155545904	NM_011267	41810	NM_026380	-45506
RF 24	chr1	157820709	157820835	NM_144791	-33201	NM_001024945	195425
RF 25	chr1	158588791	158588070	NM_145413	-20910	NM_023141	3076
RF 26	chr1	162917418	162917689	NM_080844	201	NM_001024952	-80877
RF 27	chr1	176662828	176662906	NM_011825	-101087	NM_019445	-230873
RF 28	chr1	178744916	178745020	NM_029756	26	NM_001099637	81133
RF 29	chr1	183074242	183074556	NM_030131	6819	NM_026171	50689
RF 30	chr1	187186798	187186998	NM_029735	175	NM_011794	-30761
RF 31	chr1	193082105	193082232	NM_025424	-48570	NM_007498	87930
RF 32	chr10	5729950	5730084	NM_024261	-161450	NM_007956	387171
RF 33	chr10	5913918	5914249	NM_025343	288	NM_024261	22518
RF 34	chr10	7807047	7807338	NM_177387	-117503	NM_138667	181111
RF 35	chr10	23831080	23831220	NM_016797	38042	NM_001010831	2787
RF 36	chr10	30338037	30338416	NM_001111267	-27350	NM_025798	10025
RF 37	chr10	34001858	34002088	NM_009433	190	NM_172508	130660
RF 38	chr10	41945457	41945666	NM_145743	-86933	NM_019740	39866
RF 39	chr10	42198147	42198411	NM_017472	23712	NM_145743	165757
RF 40	chr10	61142988	61143152	NM_009120	80	NM_026438	-31620
RF 41	chr10	77875630	77875959	NM_007793	12784	NM_010925	12524
RF 42	chr10	79209224	79209479	NM_023304	8639	NM_172551	10350
RF 43	chr10	79399676	79399803	NM_175450	23220	NM_007880	-9860
RF 44	chr10	79733498	79733896	NM_009091	21703	NM_001122604	-5763
RF 45	chr10	80065539	80065706	NM_001100606	85	NM_145421	19141
RF 46	chr10	80142280	80142577	NM_172457	-5717	NM_021462	14207
RF 47	chr10	80363544	80363989	NM_010722	-563	NM_013895	1350
RF 48	chr10	80959086	80959401	NM_010102	-2136	NM_134009	9883
RF 49	chr10	81090100	81090404	NM_027480	2191	NM_181586	5569
RF 50	chr10	86168752	86169046	NM_153595	6757	NM_001003910	-197
RF 51	chr10	99949909	99950218	NM_146009	1013	NM_001033332	39092
RF 52	chr10	105278351	105278545	NM_025602	183	NM_207522	78047
RF 53	chr10	119645713	119645878	NM_026617	168	NM_028679	67004
RF 54	chr11	3863676	3863822	NM_022889	301	NM_015749	46594
RF 55	chr11	6376060	6376262	NM_178440	-30494	NM_011221	1276
RF 56	chr11	7052513	7052768	NM_008341	45276	NM_009622	-89022
RF 57	chr11	21471742	21472088	NM_145425	541	NM_008618	14953
RF 58	chr11	22337598	22337757	NM_153596	74687	NM_153078	431768
RF 59	chr11	23565866	23565978	NM_028304	109	NM_001033654	-193
RF 60	chr11	29072820	29072990	NM_134034	175	NM_027869	-42070
RF 61	chr11	29448144	29448409	NM_194053	144802	NM_024277	2303
RF 62	chr11	34647045	34647243	NM_011412	287914	NM_027411	24359
RF 63	chr11	60036340	60036430	NM_001039092	-3875	NM_011480	23750
RF 64	chr11	61770149	61770364	NM_001029936	120449	NM_019921	85341
RF 65	chr11	65601730	65601922	NM_026107	19015	NM_009157	99985
RF 66	chr11	69209187	69209368	NM_030083	105	NM_001045525	2074
RF 67	chr11	69209465	69209712	NM_025915	-555	NM_030083	-173

RF 68	chr11	69808998	69809358	NM_030064	280	NM_019749	-4125
RF 69	chr11	77795077	77795587	NM_174852	1240	NM_021286	-50633
RF 70	chr11	78349812	78350033	NM_018854	125	NM_009395	13461
RF 71	chr11	88816675	88816887	NM_016706	18573	NM_029023	31342
RF 72	chr11	88829523	88830063	NM_016706	5725	NM_029023	44190
RF 73	chr11	95528115	95528306	NM_008831	188	NM_033217	97976
RF 74	chr11	98543791	98544019	NM_009439	76	NM_021347	-18127
RF 75	chr11	100406816	100406951	NM_028918	129	NM_134037	69147
RF 76	chr11	101303444	101303674	NM_011289	284	NM_172566	-17046
RF 77	chr11	106344218	106344494	NM_198292	-19234	NM_023913	85285
RF 78	chr11	106474269	106474530	NM_008816	-41262	NM_198292	110817
RF 79	chr11	106860942	106861125	NM_176850	-33452	NM_010655	11000
RF 80	chr11	115891400	115891676	NM_172569	235	NM_008211	8126
RF 81	chr11	117847991	117848261	NM_133757	179	NM_007707	20591
RF 82	chr11	120534028	120534451	NM_026877	323	NM_175263	18910
RF 83	chr11	120683980	120684172	NM_027745	-3875	NM_007988	16709
RF 84	chr12	4233967	4234057	NM_010881	-15485	NM_134046	22296
RF 85	chr12	16587301	16587838	NM_008747	72974	NM_172950	44827
RF 86	chr12	53072292	53072502	NM_029545	-26201	NM_177171	95433
RF 87	chr12	71335495	71335624	NM_053167	-10028	NM_133198	43698
RF 88	chr12	73389371	73389572	NM_030070	153548	NM_001007596	76633
RF 89	chr12	77938594	77938800	NM_008558	-99661	NM_145927	-141
RF 90	chr12	78602987	78603155	NM_172952	724733	NM_016893	-262980
RF 91	chr12	79962735	79962818	NM_026114	323	NM_023721	18767
RF 92	chr12	81790438	81790480	NM_001008423	-65995	NM_007951	55429
RF 93	chr12	82032375	82032557	NM_009159	14115	NM_178682	-140830
RF 94	chr12	88067413	88067607	NM_145836	-154237	NM_144524	25962
RF 95	chr12	93087637	93087909	NM_201518	3842826	NM_011344	43155
RF 96	chr12	105344153	105344351	NM_173024	22052	NM_172953	-4831
RF 97	chr12	111829736	111830057	NM_030238	9868	NM_001081457	-105788
RF 98	chr12	117519203	117519682	NM_028731	491	NM_146039	73681
RF 99	chr13	14046733	14046902	NM_178640	207	NM_010317	-169928
RF 100	chr13	31065883	31066065	NM_001013788	149	NM_153072	27171
RF 101	chr13	34826474	34826716	NM_013830	140888	NM_025831	106765
RF 102	chr13	36051524	36051981	NM_201358	-19141	NM_145938	64552
RF 103	chr13	36055523	36055781	NM_201358	-15142	NM_145938	68551
RF 104	chr13	39515743	39515791	NM_001122948	-1295300	NM_134060	491735
RF 105	chr13	43327979	43328126	NM_178848	138105	NM_001033399	37092
RF 106	chr13	46823128	46823574	NM_010617	-21328	NM_175749	47658
RF 107	chr13	56804389	56804539	NM_008541	78	NM_009369	-93426
RF 108	chr13	59015604	59015855	NM_023328	-535291	NM_001025074	-106411
RF 109	chr13	67710517	67710704	NM_183146	-7420	NM_183145	64627
RF 110	chr13	69716421	69716545	NM_145354	34700	NM_175283	4095
RF 111	chr13	114408678	114408960	NM_019960	-44425	NM_130796	26288
RF 112	chr14	11993397	11993599	NM_008981	392669	NM_010210	1610790
RF 113	chr14	20643106	20643276	NM_001038637	-48674	NM_026528	12483
RF 114	chr14	21113730	21113963	NM_026341	181	NM_021542	154451
RF 115	chr14	21208102	21208233	NM_025440	-2350	NM_134081	4243
RF 116	chr14	32644044	32644245	NM_030166	198244	NM_001024604	130844
RF 117	chr14	46008494	46008670	NM_146054	-69972	NM_019425	12399
RF 118	chr14	60233127	60233204	NM_145463	11017	NM_027986	50315
RF 119	chr14	65271196	65271407	NM_001081177	171	NM_026322	529735
RF 120	chr14	69887486	69888047	NM_173420	-20968	NM_026331	27579
RF 121	chr14	76244690	76245151	NM_009429	447	NM_026232	82885
RF 122	chr14	78936616	78936746	NM_001081336	-32799	NM_011613	259364
RF 123	chr14	120876901	120877209	NM_029519	781	NM_207515	-202011
RF 124	chr14	121246425	121246658	NM_023579	63990	NM_029519	-368743
RF 125	chr15	3414900	3415164	NM_134099	-500562	NM_001048147	137376
RF 126	chr15	9070075	9070426	NM_177178	250	NM_145468	28334
RF 127	chr15	43114203	43114412	NM_025736	194571	NM_008388	32618
RF 128	chr15	44259301	44259684	NM_175009	355	NM_026149	52529
RF 129	chr15	75207211	75207678	NM_001039720	-50824	NM_008530	-108361
RF 130	chr15	75900103	75900354	NM_133691	-510	NM_134089	22488
RF 131	chr15	76029134	76029312	NM_023168	48102	NM_201387	27729
RF 132	chr15	81560213	81560749	NM_001081016	15064	NM_011241	25531
RF 133	chr15	82176269	82176515	NM_026914	206	NM_177391	-4633
RF 134	chr15	98493310	98493495	NM_172612	-6325	NM_001080981	17373
RF 135	chr15	98593520	98593724	NM_011718	-8672	NM_175232	2952

RF 136	chr15	100446010	100446147	NM_011873	82	NM_010127	40262
RF 137	chr15	102552503	102552792	NM_010464	199058	NM_026192	15294
RF 138	chr16	16358997	16359269	NM_139232	-63073	NM_152816	46672
RF 139	chr16	18248725	18249054	NM_008307	250	NM_011239	8654
RF 140	chr16	20535337	20535568	NM_009679	239	NM_007889	-18201
RF 141	chr16	23294489	23294690	NM_001004151	134716	NM_145933	-69655
RF 142	chr16	23972241	23972436	NM_178665	421334	NM_009744	7104
RF 143	chr16	31948489	31948664	NM_026554	235	NM_172822	-14450
RF 144	chr16	33163552	33163708	NM_176840	21604	NM_172823	-100946
RF 145	chr16	38562813	38562996	NM_026407	158	NM_172380	37550
RF 146	chr16	74623519	74623712	NM_177142	-917269	NM_175549	730969
RF 147	chr16	75767020	75767230	NM_023380	-92018	NM_030201	11582
RF 148	chr16	87495982	87496327	NM_144854	57592	NM_009840	12413
RF 149	chr16	98183767	98183952	none	901816232	NM_175428	15169
RF 150	chr17	15080094	15080232	NM_026451	94	NM_175173	124416
RF 151	chr17	23810370	23810597	NM_181821	204	NM_001008425	4785
RF 152	chr17	24615887	24616058	NM_027937	9840	NM_175682	-5059
RF 153	chr17	26122641	26122919	NM_011933	-95514	NM_015830	26141
RF 154	chr17	27341465	27341655	NM_001013385	-217867	NM_146075	14921
RF 155	chr17	27976889	27977279	NM_011432	142	NM_001044719	88710
RF 156	chr17	29522265	29522432	NM_008842	105724	NM_013710	-24407
RF 157	chr17	32557761	32557941	NM_177307	31906	NM_021319	7717
RF 158	chr17	33961435	33961562	NM_023202	123	NM_016844	1441
RF 159	chr17	35258136	35258400	NM_001128597	304	NM_009975	4997
RF 160	chr17	46131546	46131736	NM_001110266	-22396	NM_026732	-308226
RF 161	chr17	46297681	46297890	NM_019581	338	NM_025649	13344
RF 162	chr17	47147417	47147670	NM_001097623	130473	NM_146078	82178
RF 163	chr17	47748355	47748587	NM_020048	189	NM_016859	12076
RF 164	chr17	47873818	47874072	NM_011549	48874	NM_025973	-10028
RF 165	chr17	56857088	56857284	NM_008738	-33659	NM_178926	3728
RF 166	chr17	85278558	85278804	NM_011151	78796	NM_028233	173972
RF 167	chr17	87175987	87176142	NM_029121	-167461	NM_010137	-22784
RF 168	chr18	12961740	12961891	NM_008378	169020	NM_207530	47204
RF 169	chr18	60765845	60766070	NM_008306	-79784	NM_001109975	5986
RF 170	chr18	61714751	61714922	NM_146087	484	NM_177828	61304
RF 171	chr18	65382295	65382740	NM_172833	208355	NM_031881	-199115
RF 172	chr18	75662408	75662530	NM_145356	317423	NM_201354	71538
RF 173	chr18	80666581	80666966	NM_198429	-136362	NM_026295	61884
RF 174	chr18	85120864	85121046	NM_144946	1443479	NM_025969	4179
RF 175	chr19	4125788	4125946	NM_025889	171	NM_016666	11343
RF 176	chr19	4163090	4163467	NM_178650	-21266	NM_021485	6114
RF 177	chr19	5107048	5107171	NM_008451	-697	NM_029576	7842
RF 178	chr19	5295528	5295666	NM_001024717	2812	NM_030109	21597
RF 179	chr19	5425046	5425258	NM_134149	110	NM_024176	2223
RF 180	chr19	5849444	5849600	NM_026169	-1529	NM_023912	91018
RF 181	chr19	5850006	5850129	NM_026169	-967	NM_023912	91580
RF 182	chr19	6057812	6057981	NM_007990	136	NM_026246	4183
RF 183	chr19	6235861	6235969	NM_194348	5806	NM_198168	8095
RF 184	chr19	8810216	8810318	NM_134139	112	NM_008577	28845
RF 185	chr19	8945927	8946234	NM_146093	121	NM_001013019	-20653
RF 186	chr19	34570948	34571242	NM_008332	54235	NM_021460	4143
RF 187	chr19	41176743	41176789	NM_133352	-108588	NM_011904	18273
RF 188	chr19	42593181	42593309	NM_177464	113	NM_145123	235655
RF 189	chr19	43856497	43856813	NM_013806	300	NM_025530	-28985
RF 190	chr19	44490695	44491010	NM_011720	77267	NM_009127	21751
RF 191	chr19	45437920	45438199	NM_009771	303	NM_010691	129703
RF 192	chr19	46776637	46776693	NM_020577	5295	NM_025563	-12242
RF 193	chr19	53403592	53403836	NM_010847	310	NM_001008542	-18597
RF 194	chr19	54018990	54019207	NM_019658	379	NM_011050	-52270
RF 195	chr19	55214081	55214253	NM_009348	41293	NM_008149	69858
RF 196	chr19	55270302	55270389	NM_001081076	-2288	NM_009348	-14928
RF 197	chr19	56453568	56453692	NM_007611	18050	NM_198059	59037
RF 198	chr2	22599181	22599393	NM_019456	30665	NM_008078	-121335
RF 199	chr2	25188053	25188220	NM_001029983	222	NM_008169	40287
RF 200	chr2	26766211	26766422	NM_013721	115	NM_011513	5425
RF 201	chr2	27297930	27298048	NM_001113574	-3170	NM_009500	178776
RF 202	chr2	32264045	32264151	NM_146118	-5961	NM_133783	-12268
RF 203	chr2	32382999	32383377	NM_153560	7879	NM_194335	-77023

RF 204	chr2	32612662	32612825	NM_152800	128	NM_013781	-36071
RF 205	chr2	39081667	39082089	NM_053011	-1370625	NM_024209	29350
RF 206	chr2	69723631	69723760	NM_001081548	11671	NM_029280	14380
RF 207	chr2	71049547	71049807	NM_010064	522	NM_028593	-93437
RF 208	chr2	71711855	71712173	NM_019688	107488	NM_172665	-527
RF 209	chr2	73749334	73749551	NM_001110209	-603559	NM_175015	2828
RF 210	chr2	77784258	77784561	NM_177843	293445	NM_030560	50549
RF 211	chr2	84555929	84556083	NM_133840	-7349	NM_144887	27803
RF 212	chr2	84567397	84567714	NM_001005342	6963	NM_133840	4119
RF 213	chr2	91105317	91105477	NM_023854	145	NM_028733	-7832
RF 214	chr2	91570174	91570317	NM_172669	120	NM_178724	-19068
RF 215	chr2	101726309	101726452	NM_029635	109	NM_001083810	171868
RF 216	chr2	118370144	118370268	NM_009773	53802	NM_138313	15652
RF 217	chr2	120389581	120389774	NM_009222	3825	NM_011743	57016
RF 218	chr2	126834357	126834493	NM_175550	89	NM_023220	114490
RF 219	chr2	127997932	127998332	NM_008569	-440509	NM_009754	-46159
RF 220	chr2	144284958	144285130	NM_172859	-11334	NM_181417	-90188
RF 221	chr2	145692157	145692208	NM_026425	36847	NM_028724	-80275
RF 222	chr2	147133596	147133789	NM_008780	57133	NM_010919	124709
RF 223	chr2	152052219	152052456	NM_007788	356	NM_009328	-82875
RF 224	chr2	153116999	153117161	NM_008444	165	NM_001039055	-33782
RF 225	chr2	154482535	154482903	NM_029362	226	NM_199304	-43432
RF 226	chr2	155343227	155343627	NM_019811	551	NM_144786	27107
RF 227	chr2	155418400	155418558	NM_001085378	18547	NM_008180	29482
RF 228	chr2	166821734	166821983	NM_153065	19078	NM_011490	48093
RF 229	chr2	167459936	167460086	NM_145538	-8788	NM_023230	26798
RF 230	chr3	8758146	8758297	NM_025434	-44007	NM_010423	94788
RF 231	chr3	9520598	9520720	NM_053182	-171299	NM_133218	93589
RF 232	chr3	10440285	10440487	NM_178631	3031396	NM_001127191	22469
RF 233	chr3	19063186	19063400	NM_026182	25057	NM_028840	31043
RF 234	chr3	33698975	33699218	NM_027619	141	NM_021483	849442
RF 235	chr3	78892448	78892617	NM_026352	502862	NM_001099624	25998
RF 236	chr3	82161781	82161929	NM_001081230	212	NM_021896	265433
RF 237	chr3	87689330	87689909	NM_008231	20912	NM_033573	26495
RF 238	chr3	88356762	88357103	NM_033526	875	NM_031248	3022
RF 239	chr3	89097567	89097720	NM_010108	-21305	NM_010107	21910
RF 240	chr3	89195843	89195964	NM_020517	-9078	NM_009565	14276
RF 241	chr3	94386438	94386761	NM_011656	-30242	NM_001082484	81837
RF 242	chr3	94914861	94914961	NM_009336	102	NM_008847	51342
RF 243	chr3	95697726	95697853	NM_146104	192	NM_153513	8831
RF 244	chr3	96531397	96531703	NM_026406	136	NM_028925	15580
RF 245	chr3	97462070	97462308	NM_182997	64	NM_010232	-29273
RF 246	chr3	97818035	97818160	NM_027665	146699	NM_010928	-575
RF 247	chr3	105490278	105490509	NM_175398	17316	NM_017397	8899
RF 248	chr3	108365312	108365559	NM_025444	9304	NM_026198	5968
RF 249	chr3	137806234	137806488	NM_175389	267	NM_008642	52385
RF 250	chr3	145506931	145507145	NM_009740	80410	NM_026993	-85241
RF 251	chr3	152059341	152059716	NM_198416	316	NM_001080755	-368
RF 252	chr4	32648761	32648946	NM_010289	-39078	NM_001109661	-144352
RF 253	chr4	33335596	33335808	NM_011884	61689	NM_001033225	3199
RF 254	chr4	40705006	40705095	NM_022305	-46628	NM_021535	20856
RF 255	chr4	44085530	44085841	NM_001038993	-53554	NM_015828	35832
RF 256	chr4	45309873	45310034	NM_027266	166	NM_001081172	-112096
RF 257	chr4	46663058	46663200	NM_001081141	-13711	NM_198664	45797
RF 258	chr4	49572856	49573108	NM_025944	-24521	NM_144903	23990
RF 259	chr4	55256117	55256336	NM_009011	106796	NM_172867	-295301
RF 260	chr4	62186090	62186291	NM_177607	312	NM_021498	1256
RF 261	chr4	79650348	79650416	NM_031202	829785	NM_011211	4063206
RF 262	chr4	86336278	86336426	NM_001081014	58180	NM_007408	33810
RF 263	chr4	94269865	94269988	NM_026319	11345	NM_001081019	-9525
RF 264	chr4	94645738	94645847	NM_010591	-69988	NM_177239	37007
RF 265	chr4	107040312	107040468	NM_028355	76	NM_145550	-53277
RF 266	chr4	108506278	108506420	NM_025334	1004	NM_027453	19379
RF 267	chr4	108952713	108952848	NM_007943	194	NM_001033226	-44477
RF 268	chr4	116380886	116381270	NM_026714	648	NM_025962	5848
RF 269	chr4	116793050	116793345	NM_175030	6367	NM_008958	-24090
RF 270	chr4	122959854	122959978	NM_130881	299	NM_013905	-49056
RF 271	chr4	125773695	125774033	NM_138721	300	NM_172701	-37887

RF 272	chr4	126354761	126354927	NM_011970	148	NM_001013755	-67652
RF 273	chr4	133310228	133310626	NM_009097	-92977	NM_001080819	75306
RF 274	chr4	133952109	133952415	NM_133880	1276	NM_019578	39822
RF 275	chr4	135841799	135842106	NM_009557	184	NM_011542	-37903
RF 276	chr4	136604560	136604883	NM_009523	228989	NM_198248	68914
RF 277	chr4	137860631	137860761	NM_007838	21	NM_010623	-42466
RF 278	chr4	138525111	138525219	NM_029857	3708	NM_025786	-2078
RF 279	chr4	144784773	144785048	NM_011610	-17497	NM_001128198	219734
RF 280	chr4	147278951	147279106	NM_011122	-5218	NM_133201	31248
RF 281	chr4	147847490	147847533	NM_001039554	-21898	NM_020009	-24775
RF 282	chr4	148478139	148478289	NM_001025296	122	NM_019781	143496
RF 283	chr4	148859489	148859648	NM_023465	32862	NM_026963	-48
RF 284	chr4	150172466	150172736	NM_133753	56733	NM_173774	168962
RF 285	chr4	151699716	151699995	NM_009079	270	NM_001033489	18585
RF 286	chr4	154338487	154338721	NM_001113360	-18747	NM_172990	-246
RF 287	chr4	154512162	154512313	NM_011385	-16021	NM_001081100	-51477
RF 288	chr4	154735452	154735682	NM_008072	-23635	NM_008860	101224
RF 289	chr4	155483865	155484152	NM_145557	232	NM_029264	74920
RF 290	chr5	4104638	4104840	NM_001042670	87728	NM_020010	23965
RF 291	chr5	5514343	5514544	NM_153116	-23113	NM_022890	9235
RF 292	chr5	5559523	5559664	NM_172447	-21458	NM_153116	22067
RF 293	chr5	23929357	23929714	NM_009207	1692	NM_007668	5298
RF 294	chr5	28363784	28363930	NM_153526	34167	NM_008314	-195298
RF 295	chr5	31495359	31495705	NM_153680	317	NM_010122	5429
RF 296	chr5	34000369	34000880	NM_001040435	426	NM_026698	4505
RF 297	chr5	34083335	34083581	NM_019694	-665	NM_008010	-18963
RF 298	chr5	34678809	34678952	NM_011278	229	NM_001015039	141267
RF 299	chr5	34712289	34712601	NM_001030306	51210	NM_011278	-33251
RF 300	chr5	35002693	35003045	NM_019497	334	NM_029278	21509
RF 301	chr5	36873142	36873297	NM_001081232	-69995	NM_001113362	39890
RF 302	chr5	37052615	37052680	NM_133724	-85997	NM_001081232	109478
RF 303	chr5	65144668	65144781	NM_008453	50093	NM_019636	-593219
RF 304	chr5	90653028	90653163	NM_198010	-3162	NM_001033310	9276
RF 305	chr5	92864081	92864302	NM_007644	-8817	NM_183392	19516
RF 306	chr5	101103083	101103366	NM_152803	-5421	NM_027978	19339
RF 307	chr5	114582980	114583154	NM_133904	32546	NM_011677	-1816
RF 308	chr5	114623112	114623171	NM_148935	-81060	NM_133904	-7586
RF 309	chr5	121995814	121996059	NM_009656	-21881	NM_010765	20755
RF 310	chr5	125722590	125722719	NM_016741	-34869	NM_011424	225066
RF 311	chr5	125873354	125873641	NM_203319	-21419	NM_019639	7020
RF 312	chr5	125889216	125889347	NM_203319	-5557	NM_019639	22882
RF 313	chr5	125945992	125946428	NM_030210	10250	NM_029752	-24055
RF 314	chr5	135478335	135478576	NM_145215	6833	NM_009902	-16252
RF 315	chr5	139936534	139936645	NM_133349	-10635	NM_029771	-37402
RF 316	chr5	140797470	140797702	NM_026510	-6157	NM_010752	312828
RF 317	chr5	147822863	147822914	NM_080795	-5367	NM_029581	56766
RF 318	chr5	150439224	150439426	NM_001081204	41607	NM_013559	19805
RF 319	chr5	151978608	151978909	NM_001102582	-385627	NM_146258	138404
RF 320	chr6	13821318	13821568	NM_080464	-842503	NM_145066	36245
RF 321	chr6	24477548	24477630	NM_080847	595	NM_026614	8883
RF 322	chr6	29014577	29014623	NM_133925	-58995	NM_008493	-4357
RF 323	chr6	31349715	31349873	NM_013723	-119777	NM_013791	-888
RF 324	chr6	34126927	34127258	NM_009658	-127002	NM_021435	21049
RF 325	chr6	39542388	39542629	NM_026612	193	NM_178873	-18514
RF 326	chr6	56654731	56654898	NM_145958	-72787	NM_025520	3675
RF 327	chr6	66913007	66913214	NM_007836	-72082	NM_025278	-66558
RF 328	chr6	71186020	71186227	NM_145568	35992	NM_009762	20849
RF 329	chr6	72488848	72489013	NM_007599	5584	NM_145569	106056
RF 330	chr6	85801217	85801366	NM_053096	-14198	NM_023455	20837
RF 331	chr6	88468655	88469269	NM_029013	-98774	NM_016906	15055
RF 332	chr6	92164795	92165088	NM_009426	-27260	NM_030081	28090
RF 333	chr6	108014847	108015091	NM_145937	-42174	NM_008516	-535069
RF 334	chr6	108609769	108609889	NM_011498	853	NM_010585	-446680
RF 335	chr6	108779672	108779847	NM_177328	1815919	NM_138677	-1038
RF 336	chr6	116157899	116158125	NM_026585	175	NM_026376	253071
RF 337	chr6	116210650	116210806	NM_001081317	3602	NM_026585	-52576
RF 338	chr6	117922442	117922500	NM_030165	-135028	NM_033648	38866
RF 339	chr6	122258523	122258721	NM_010749	504	NM_016970	37905

RF 340	chr6	124779048	124779333	NM_013538	1204	NM_013700	14012
RF 341	chr6	126301124	126301168	NM_145983	-181444	NM_008742	249695
RF 342	chr6	132413781	132413823	NM_011174	106078	NM_001024705	152174
RF 343	chr6	146991280	146991451	NM_145573	11	NM_025620	-10222
RF 344	chr6	148230584	148230632	NM_001081113	-488621	NM_198967	49633
RF 345	chr7	3581432	3581664	NM_027328	154	NM_023524	9507
RF 346	chr7	4088409	4088694	NM_172736	248	NM_021324	-17275
RF 347	chr7	4453309	4453446	NM_011618	-2955	NM_029834	20187
RF 348	chr7	19609491	19609766	NM_031255	30551	NM_008260	10860
RF 349	chr7	19945814	19945966	NM_001010836	750	NM_145822	3600
RF 350	chr7	19967142	19967317	NM_007949	245	NM_001010836	-20578
RF 351	chr7	20286514	20286630	NM_001109748	-147	NM_009696	4922
RF 352	chr7	25337485	25337662	NM_001033205	-31371	NM_009532	-5317
RF 353	chr7	25669447	25669669	NM_023133	285	NM_027732	-14369
RF 354	chr7	26022789	26023359	NM_010155	-4789	NM_001031667	9512
RF 355	chr7	29161435	29161756	NM_011756	-367	NM_138752	16813
RF 356	chr7	29551640	29551888	NM_001122766	130	NM_010908	8371
RF 357	chr7	30023294	30023699	NM_029887	47	NM_001033525	16348
RF 358	chr7	30553476	30553666	NM_023750	94	NM_029714	71239
RF 359	chr7	30875514	30875647	NM_011981	4580	NM_152814	13159
RF 360	chr7	31514460	31514834	NM_008085	-445	NM_027215	1741
RF 361	chr7	35901598	35901836	NM_007678	2713	NM_009884	70158
RF 362	chr7	51629114	51629695	NM_016663	10381	NM_009131	69491
RF 363	chr7	51639921	51640067	NM_198250	57935	NM_016663	-426
RF 364	chr7	51723121	51723416	NM_025368	304	NM_026690	-2317
RF 365	chr7	52777445	52777645	NM_008654	-844	NM_001045555	-8370
RF 366	chr7	52973229	52973542	NM_009077	211	NM_020011	7575
RF 367	chr7	53212806	53212850	NM_018795	-18943	NM_001033243	-29039
RF 368	chr7	72948421	72948682	NM_021336	257033	NM_026795	-110119
RF 369	chr7	73205349	73205563	NM_021336	105	NM_026795	-367047
RF 370	chr7	73383223	73383271	NM_146191	-20409	NM_001081163	-128823
RF 371	chr7	99709506	99709738	NM_025515	533	NM_011807	-1470211
RF 372	chr7	104572265	104572531	NM_001012434	29448	NM_009381	10799
RF 373	chr7	107854973	107855201	NM_178764	242	NM_013746	62564
RF 374	chr7	134119484	134119646	NM_026638	378	NM_144926	-25242
RF 375	chr7	134655319	134655572	NM_026888	61542	NM_145589	-40192
RF 376	chr7	134889518	134889675	NM_172748	770	NM_198858	27045
RF 377	chr7	134984912	134985095	NM_009294	409	NM_024414	34555
RF 378	chr7	135888185	135888363	NM_001029982	309	NM_145955	48213
RF 379	chr7	135890717	135890936	NM_001080963	509890	NM_001029982	-2223
RF 380	chr7	138703543	138703700	NM_009774	361	NM_145998	-5968
RF 381	chr8	11786165	11786243	NM_029326	54355	NM_017402	-27836
RF 382	chr8	13159077	13159329	NM_010684	57	NM_146207	-53357
RF 383	chr8	36635671	36635795	NM_001081279	15180	NM_026067	107353
RF 384	chr8	47772297	47772481	NM_008391	52801	NM_009810	-69495
RF 385	chr8	63471937	63472215	NM_175089	79	NM_173876	82752
RF 386	chr8	72566568	72566730	NM_027481	143	NM_028993	24088
RF 387	chr8	72826600	72826709	NM_021538	83	NM_001024922	9836
RF 388	chr8	87489988	87490181	NM_011563	3558	NM_027187	9480
RF 389	chr8	93593867	93594016	NM_011250	125	NM_177224	-241132
RF 390	chr8	96738300	96738568	NM_172410	200	NM_013602	-35174
RF 391	chr8	98331964	98332123	NM_172758	-27858	NM_178078	88614
RF 392	chr8	107115440	107115682	NM_007663	-22606	NM_001024606	-73
RF 393	chr8	107850109	107850377	NM_025486	173	NM_177449	13870
RF 394	chr8	108375902	108376031	NM_021513	3140	NM_177150	7325
RF 395	chr8	108384379	108384693	NM_026532	154	NM_021513	-5337
RF 396	chr8	108424273	108424591	NM_173432	100	NM_175024	-6804
RF 397	chr8	120191274	120191568	NM_008290	34571	NM_028725	5976
RF 398	chr8	124473829	124474180	NM_016812	603	NM_007608	33786
RF 399	chr8	124474425	124474548	NM_016812	7	NM_007608	34382
RF 400	chr8	129259579	129260005	NM_024214	-198870	NM_174987	-313152
RF 401	chr9	3023398	3023449	NM_026303	311832		3023398
RF 402	chr9	25059980	25060140	NM_009859	188	NM_020586	147404
RF 403	chr9	42558333	42558466	NM_027144	-213591	NM_175481	229815
RF 404	chr9	46502617	46502617	NM_207676	835894	NM_146000	-411446
RF 405	chr9	59334312	59334776	NM_178388	-32179	NM_019927	97952
RF 406	chr9	60870182	60870373	NM_001083928	349990	NM_028283	-227828
RF 407	chr9	63897885	63898066	NM_145835	67068	NM_008542	96936

RF 408	chr9	65141906	65142107	NM_011802	195	NM_173385	-28920
RF 409	chr9	65972481	65972706	NM_026635	1936	NM_019727	36548
RF 410	chr9	66198132	66198260	NM_175206	-158133	NM_010019	-192100
RF 411	chr9	67867846	67867905	NM_013646	633762	NM_177184	-179644
RF 412	chr9	71333663	71333843	NM_001033208	-18490	NM_178602	7413
RF 413	chr9	75257082	75257249	NM_001039522	32248	NM_015806	22375
RF 414	chr9	75257667	75258062	NM_001039522	31663	NM_015806	22960
RF 415	chr9	77956807	77957109	NM_019987	4408	NM_001081490	27502
RF 416	chr9	79641187	79641421	NM_001081243	-22181	NM_133718	24432
RF 417	chr9	95481489	95481712	NM_029620	56557	NM_198414	-21254
RF 418	chr9	107435923	107436413	NM_019704	352	NM_020263	-133713
RF 419	chr9	107775076	107775229	NM_028369	15436	NM_029169	99186
RF 420	chr9	108419309	108419636	NM_175143	108	NM_133794	-8905
RF 421	chr9	117949317	117949698	NM_013727	299	NM_178660	1462091
RF 422	chr9	121766185	121766261	NM_021609	41396	NM_001112668	7528
RF 423	chr9	123275850	123276142	NM_153168	207	NM_001002267	107676
RF 424	chrX	72919263	72919867	NM_145629	-111738	NM_175122	101867
RF 425	chrY	1264819	1264972	NM_009571	-97303	NM_148943	629416
RF 426	chrY	2870546	2870746	none	997129453	NM_011253	-682036