

Seq. name	Gene	Locus ID	Start pos.	End pos	Strand	Score
P540738	PANK4	Loc55229	254	302	+	100
P513794	PDZK1	Loc5174	373	408	+	100
P553412	FLJ34433	Loc200035	44	82	+	100
P540446	C1orf27	Loc54953	541	495	-	100
P617062	C1orf24	Loc116496	437	475	+	100
P600082	RABGAP1L	Loc9910	380	424	+	100
P618503	FLJ21919	Loc65123	381	421	+	100
P505208	C1orf17	Loc23127	307	268	-	100
P598069	LHX9	Loc56956	364	400	+	100
P552363	MGC26594	Loc403314	325	366	+	100
P490969	TNN	Loc63923	338	301	-	100
P510234	NFASC	Loc23114	520	558	+	100
P587396	FCGR1A	Loc2209	548	501	-	100
P269162	PIK4CB	Loc5298	321	358	+	100
P269177	S100A7	Loc6278	114	155	+	100
P533809	SLC19A2	Loc10560	235	197	-	100
P603212	OPTC	Loc26254	207	246	+	100
P538903	NCSTN	Loc23385	72	32	-	100
P508243	RALGPS2	Loc55103	149	109	-	100
P549710	KARCA1	Loc126823	323	282	-	100
P612937	DMAP1	Loc55929	526	489	-	100
P578115	CSMD2	Loc114784	461	500	+	100
P578115	CSMD2	Loc114784	479	438	-	100
P603153	RPS8	Loc6202	72	31	-	100
P620018	FLJ12650	Loc79570	235	272	+	100
P611995	DISC1	Loc27185	318	366	+	100
P492507	SIPA1L2	Loc57568	407	452	+	100
P523911	TGS	Loc286826	402	355	-	100
P270217	ABCB10	Loc23456	135	91	-	100
P615207	RBAF600	Loc23352	64	25	-	100
P270536	KIAA0459	Loc23252	315	280	-	100
P627327	ARID4B	Loc51742	297	255	-	100
P606721	ELYS	Loc25909	483	445	-	100
P549155	OR2M5	Loc127059	340	296	-	100
P552610	OR5BF1	Loc127066	56	8	-	100
P552610	OR5BF1	Loc127066	100	144	+	100
P503867	OR2M2	Loc391194	140	93	-	100
P518935	EPC2	Loc26122	316	274	-	100
P609784	PLEKHB2	Loc55041	117	73	-	100
P630455	CCNT2	Loc905	594	639	+	100
P585312	MCM6	Loc4175	256	216	-	100
P519732	USP40	Loc55230	339	291	-	100
P555202	DDEF2	Loc8853	381	423	+	100
P574046	DDX1	Loc1653	554	515	-	100
P578572	CAB39	Loc51719	188	235	+	100
P578572	CAB39	Loc51719	496	540	+	100
P598309	MYO1B	Loc4430	579	533	-	100
P500774	GPR1	Loc2825	123	158	+	100
P635217	ALS2CR7	Loc65061	299	335	+	100
P638264	FLJ25351	Loc151254	436	389	-	100
P592879	KIAA1604	Loc57703	21	63	+	100

P546666	NOSTRIN	Loc115677	7	42	+	100
P547396	SP110	Loc3431	191	146	-	100
P495902	ITGA6	Loc3655	518	474	-	100
P556127	CDK5R2	Loc8941	186	139	-	100
P571250	PPIG	Loc9360	69	106	+	100
P571250	PPIG	Loc9360	157	119	-	100
P525409	GPR55	Loc9290	483	528	+	100
P504158	ZNFN1A2	Loc22807	373	421	+	100
P591626	OSGEPL1	Loc64172	349	302	-	100
P522300	OSBPL6	Loc114880	395	348	-	100
P510802	DHRS9	Loc10170	141	95	-	100
P606554	ARMC8	Loc25852	250	294	+	100
P541609	MDS010	Loc56983	312	350	+	100
P272660	EFG1	Loc85476	174	132	-	100
P505428	TARSH	Loc25890	58	20	-	100
P272846	DNAJB11	Loc51726	289	329	+	100
P506220	SLC41A3	Loc54946	362	401	+	100
P572473	HAPIP	Loc8997	81	119	+	100
P273020	KNG1	Loc3827	478	520	+	100
P528099	ACPP	Loc55	359	403	+	100
P633185	CD47	Loc961	64	29	-	100
P580463	GPR15	Loc2838	58	101	+	100
P580463	GPR15	Loc2838	76	29	-	100
P583513	GTF2E1	Loc2960	373	332	-	100
P584823	CD96	Loc10225	260	218	-	100
P584922	KCNMB2	Loc10242	164	117	-	100
P505064	NLGN1	Loc22871	60	19	-	100
P572197	AGTR1	Loc185	187	151	-	100
P520165	B3GALT3	Loc8706	111	64	-	100
P613344	PDCD10	Loc11235	497	537	+	100
P638299	IGSF11	Loc152404	290	242	-	100
P506897	MSX1	Loc4487	208	251	+	100
P516822	PPBP	Loc5473	62	100	+	100
P516822	PPBP	Loc5473	80	42	-	100
P538395	RIPX	Loc22902	936	894	-	100
P596025	CNGA1	Loc1259	541	502	-	100
P537478	ANAPC4	Loc29945	411	364	-	100
P605922	KIAA0746	Loc23231	464	423	-	100
P585661	PROM1	Loc8842	201	164	-	100
P622879	MGC29898	Loc133015	321	282	-	100
P527437	CCKAR	Loc886	644	688	+	100
P609336	FLJ12443	Loc79888	422	375	-	100
P608948	NSUN2	Loc54888	201	163	-	100
P618577	FLJ13231	Loc65250	306	269	-	100
P627618	AGXT2	Loc64902	247	205	-	100
P274086	FLJ33360	Loc401172	317	358	+	100
P600860	PRLR	Loc5618	240	276	+	100
P274306	FLJ34658	Loc133688	37	76	+	100
P620943	PTCD2	Loc79810	533	571	+	100
P604144	ZFYVE16	Loc9765	332	286	-	100
P540630	VG5Q	Loc55109	227	269	+	100
P607184	SENP6	Loc26054	21	65	+	100

P631679	MYO6	Loc4646	487	439	-	100
P492163	C6orf157	Loc90025	162	123	-	100
P524040	WTAP	Loc9589	109	149	+	100
P513070	PDCD2	Loc5134	238	286	+	100
P519813	PSMB1	Loc5689	347	391	+	100
P630025	ABCC10	Loc89845	158	111	-	100
P607090	ZNF451	Loc26036	97	50	-	100
P560071	DST	Loc667	395	434	+	100
P529001	HLA-G	Loc3135	236	277	+	100
P529001	HLA-G	Loc3135	254	208	-	100
P547372	ZNF187	Loc7741	30	74	+	100
P532688	PRSS16	Loc10279	105	70	-	100
P537223	PEX6	Loc5190	249	285	+	100
P595480	GCNT2	Loc2651	130	167	+	100
P494149	HLA-DOB	Loc3112	12	59	+	100
P530469	HIST1H3C	Loc8352	320	284	-	100
P275952	BTN3A3	Loc10384	194	236	+	100
P502273	BTN3A1	Loc11119	255	297	+	100
P590324	OR2H2	Loc7932	152	104	-	100
P611943	TREM1	Loc54210	91	136	+	100
P597764	HLA-DRA	Loc3122	300	348	+	100
P597764	HLA-DRA	Loc3122	371	336	-	100
P276176	HCG2P7	Loc80867	497	545	+	100
P603618	RABGEF1	Loc27342	251	295	+	100
P531522	STX1A	Loc6804	375	329	-	100
P551646	B1	Loc27241	331	289	-	100
P612657	FLJ20323	Loc54468	157	193	+	100
P540405	FLJ20397	Loc54919	357	312	-	100
P561184	PSCD3	Loc9265	59	24	-	100
P551460	HDAC9	Loc9734	420	464	+	100
P512382	MGC42090	Loc256130	405	361	-	100
P277103	ABCB5	Loc340273	451	489	+	100
P553211	MGC27348	Loc256355	543	503	-	100
P537825	CNTNAP2	Loc26047	250	208	-	100
P561552	GALNT11	Loc63917	348	389	+	100
P561552	GALNT11	Loc63917	366	322	-	100
P589394	NOS3	Loc4846	550	588	+	100
P526616	MGC33584	Loc285971	322	363	+	100
P527834	TAS2R38	Loc5726	297	259	-	100
P551246	TAS2R60	Loc338398	193	231	+	100
P525721	LRRN3	Loc54674	40	81	+	100
P512376	FLJ31340	Loc222223	130	90	-	100
P638571	STEAP2	Loc261729	51	90	+	100
P638571	STEAP2	Loc261729	120	78	-	100
P550396	FLJ35834	Loc154865	160	196	+	100
P535860	SEC8L1	Loc60412	287	241	-	100
P528363	FLNC	Loc2318	104	59	-	100
P625220	VIK	Loc79027	35	80	+	100
P629964	COG5	Loc10466	261	308	+	100
P599872	CLDN12	Loc9069	301	263	-	100
P560538	MYLC2PL	Loc93408	102	142	+	100
P509377	SEMA3D	Loc223117	215	172	-	100

P509377	SEMA3D	Loc223117	522	564	+	100
P278258	FLJ36166	Loc349152	530	486	-	100
P278267	FLJ39237	Loc375607	32	74	+	100
P517815	ZRF1	Loc27000	341	298	-	100
P508120	WHSC1L1	Loc54904	67	103	+	100
P508120	WHSC1L1	Loc54904	476	511	+	100
P621967	RAB11FIP1	Loc80223	221	181	-	100
P521507	ANK1	Loc286	313	274	-	100
P495103	INDO	Loc3620	283	246	-	100
P542280	FKSG2	Loc59347	527	574	+	100
P542280	FKSG2	Loc59347	545	501	-	100
P608137	CGI-72	Loc51105	235	273	+	100
P524570	CSMD3	Loc114788	480	520	+	100
P532968	NDRG1	Loc10397	135	177	+	100
P550015	COL22A1	Loc169044	546	590	+	100
P279029	FLJ10489	Loc379034	400	357	-	100
P531112	HNF4G	Loc3174	198	242	+	100
P521164	NCOA6IP	Loc96764	258	295	+	100
P494204	SLC10A5	Loc347051	55	13	-	100
P525031	FABP4	Loc2167	453	497	+	100
P576700	MSC	Loc9242	261	308	+	100
P611603	PAG	Loc55824	206	249	+	100
P279324	FLJ22490	Loc79848	283	331	+	100
P518589	DDX58	Loc23586	197	233	+	100
P526634	DOCK8	Loc81704	501	539	+	100
P507070	MTAP	Loc4507	133	92	-	100
P624243	C9orf150	Loc286343	7	45	+	100
P513109	C9orf93	Loc203238	430	394	-	100
P279594	FLJ35740	Loc253650	375	418	+	100
P506250	C9orf55	Loc55667	277	242	-	100
P583861	NFIB	Loc4781	179	131	-	100
P553796	MPDZ	Loc8777	420	373	-	100
P592142	KIAA0020	Loc9933	287	248	-	100
P520744	RNF38	Loc152006	98	53	-	100
P630254	KIAA1432	Loc57589	242	279	+	100
P492894	KIAA2026	Loc158358	196	235	+	100
P613126	OR13J1	Loc392309	116	163	+	100
P279828	C9orf14	Loc158035	209	245	+	100
P617305	CDW92	Loc23446	298	262	-	100
P540545	NOL8	Loc55035	47	1	-	100
P576598	SLC27A4	Loc10999	6	52	+	100
P548803	IKBKAP	Loc8518	126	91	-	100
P617304	CDW92	Loc23446	284	248	-	100
P617304	CDW92	Loc23446	512	549	+	100
P516691	RAB9P40	Loc10244	463	504	+	100
P516986	FCMD	Loc2218	432	385	-	100
P280478	1-Dec	Loc50514	311	358	+	100
P507268	C9orf102	Loc56959	147	185	+	100
P623184	C9orf125	Loc84302	185	144	-	100
P637598	OR13F1	Loc138805	382	424	+	100
P637598	OR13F1	Loc138805	395	349	-	100
P555821	OR1J1	Loc347168	398	436	+	100

P514714	KIAA0674	Loc23307	310	267	-	100
P280621	C9orf109	Loc286333	17	53	+	100
P540896	SLC29A3	Loc55315	741	706	-	100
P503488	SARA1	Loc56681	381	342	-	100
P626685	CXXC6	Loc80312	462	416	-	100
P539327	ASCC1	Loc51008	170	208	+	100
P561610	JMJD1C	Loc221037	292	252	-	100
P520658	UNC5B	Loc219699	121	74	-	100
P615701	ANK3	Loc288	227	271	+	100
P526675	LRRTM3	Loc347731	451	406	-	100
P613186	KIAA1217	Loc56243	811	775	-	100
P625586	ACBD5	Loc91452	175	137	-	100
P281145	ZNF33A	Loc7581	503	547	+	100
P544441	C10orf67	Loc256815	232	188	-	100
P555351	C10orf112	Loc340895	61	98	+	100
P505651	MTMR2	Loc8898	57	10	-	100
P555781	FLJ20294	Loc55626	197	154	-	100
P610934	TTC17	Loc55761	308	348	+	100
P610124	RNF137	Loc55128	322	362	+	100
P610936	TTC17	Loc55761	366	409	+	100
P609718	USP47	Loc55031	326	284	-	100
P548624	FLJ32752	Loc144132	113	151	+	100
P596379	RAG2	Loc5897	530	495	-	100
P590006	HPX	Loc3263	7	52	+	100
P611431	SLC35C1	Loc55343	231	268	+	100
P504028	SOX6	Loc55553	200	240	+	100
P507332	OR5P3	Loc120066	96	55	-	100
P637512	OR52I2	Loc143502	127	90	-	100
P526540	OR2AG1	Loc144125	282	324	+	100
P526540	OR2AG1	Loc144125	300	255	-	100
P549085	OR52E4	Loc390081	139	98	-	100
P610547	ATF7IP	Loc55729	268	223	-	100
P495546	PLEKHA5	Loc54477	382	421	+	100
P634716	MICL	Loc160364	318	363	+	100
P526448	BCL2L14	Loc79370	354	311	-	100
P551102	TAS2R48	Loc259294	456	495	+	100
P502237	SOX5	Loc6660	488	450	-	100
P622653	REP15	Loc387849	302	338	+	100
P610597	SBNO1	Loc55206	440	486	+	100
P510845	NTF3	Loc4908	300	343	+	100
P587023	C2F	Loc10436	203	238	+	100
P552198	DZIP1	Loc22873	468	511	+	100
P283235	ANKRD10	Loc55608	205	252	+	100
P500192	TM9SF2	Loc9375	124	76	-	100
P500192	TM9SF2	Loc9375	292	334	+	100
P500192	TM9SF2	Loc9375	310	266	-	100
P588146	TNFSF13B	Loc10673	223	261	+	100
P603432	76P	Loc27229	359	398	+	100
P547891	SEMA7A	Loc8482	299	337	+	100
P283438	HYPK	Loc25764	280	328	+	100
P607153	ADAM10	Loc102	249	296	+	100
P548983	SUHW4	Loc54816	30	77	+	100

P614444	AVEN	Loc57099	109	154	+	100
P610363	FLJ10579	Loc55177	106	62	-	100
P519611	FLJ10036	Loc55055	137	179	+	100
P519611	FLJ10036	Loc55055	155	115	-	100
P612679	AWP1	Loc54469	21	56	+	100
P566239	FLJ21439	Loc80208	69	23	-	100
P283667	TRPM7	Loc54822	249	294	+	100
P583493	APBA2	Loc321	351	398	+	100
P524074	ZNF291	Loc49855	362	320	-	100
P501687	ANP32A	Loc8125	170	218	+	100
P624552	MGC35274	Loc256586	62	100	+	100
P587554	CAPN3	Loc825	118	83	-	100
P610893	EPB42	Loc2038	427	381	-	100
P534512	USP50	Loc373509	96	49	-	100
P552653	STARD9	Loc57519	472	433	-	100
P512215	FURIN	Loc5045	436	475	+	100
P601851	SEMA4B	Loc10509	57	97	+	100
P284585	UNQ9370	Loc400454	401	359	-	100
P620697	FLJ21816	Loc79728	113	151	+	100
P604388	RNF40	Loc9810	179	217	+	100
P598043	LAT	Loc27040	303	262	-	100
P492495	KIAA0556	Loc23247	170	122	-	100
P630272	Nomo	Loc283820	383	335	-	100
P551861	EIF3S8	Loc8663	385	346	-	100
P497194	ITGAL	Loc3683	71	23	-	100
P601032	VPS4A	Loc27183	295	249	-	100
P521089	C16orf44	Loc79786	304	262	-	100
P521089	C16orf44	Loc79786	468	506	+	100
P512706	ADAMTS18	Loc170692	470	514	+	100
P594653	AGRP	Loc181	222	184	-	100
P640758	EVPL	Loc2125	197	237	+	100
P638704	ABCA10	Loc10349	554	513	-	100
P528812	CSNK1D	Loc1453	104	68	-	100
P286479	SIRT7	Loc51547	306	347	+	100
P496076	ALDH3A2	Loc224	509	544	+	100
P640795	ARHGEF15	Loc22899	530	574	+	100
P605699	ZZEF1	Loc23140	404	365	-	100
P611876	HSA277841	Loc55421	204	250	+	100
P611876	HSA277841	Loc55421	222	187	-	100
P605700	ZZEF1	Loc23140	192	237	+	100
P529367	OR3A1	Loc4994	151	115	-	100
P597575	FKBP10	Loc60681	72	119	+	100
P606623	ACLY	Loc47	344	308	-	100
P287304	FLJ46126	Loc400597	482	436	-	100
P491539	KRT25D	Loc162605	128	90	-	100
P495844	G6PC	Loc2538	212	167	-	100
P565409	FLJ20694	Loc55018	999	960	-	100
P548911	NAGS	Loc162417	55	11	-	100
P549685	FLJ40342	Loc124989	485	443	-	100
P521198	FLJ12735	Loc79915	469	432	-	100
P584313	ERAL1	Loc26284	87	131	+	100
P545605	PIGS	Loc94005	209	173	-	100

P521531	PSMD11	Loc5717	332	375	+	100
P523350	KIAA0100	Loc9703	47	1	-	100
P288188	CCL1	Loc6346	249	290	+	100
P525467	EVI2B	Loc2124	254	206	-	100
P523349	KIAA0100	Loc9703	47	1	-	100
P500950	LAMA1	Loc284217	526	573	+	100
P590345	SLC14A2	Loc8170	944	989	+	100
P607132	SETBP1	Loc26040	438	485	+	100
P586074	ACAA2	Loc10449	511	546	+	100
P568143	MGC33382	Loc162681	260	297	+	100
P528507	AQP4	Loc361	55	97	+	100
P532490	SS18	Loc6760	77	114	+	100
P590344	SLC14A2	Loc8170	944	989	+	100
P592948	SARS2	Loc54938	94	141	+	100
P513873	FLJ13072	Loc91646	506	469	-	100
P622054	ITPKC	Loc80271	180	141	-	100
P575522	HKR1	Loc284459	122	74	-	100
P623142	HNRPL	Loc3191	1041	1006	-	100
P541701	SLC17A7	Loc57030	108	150	+	100
P517540	C19orf13	Loc26065	424	468	+	100
P289602	FCAR	Loc2204	197	161	-	100
P516072	POLD1	Loc5424	70	108	+	100
P511558	KLK11	Loc11012	487	451	-	100
P590733	PNKP	Loc11284	193	147	-	100
P534131	U2AF2	Loc11338	153	194	+	100
P612954	FLJ12886	Loc56006	300	337	+	100
P541835	VN1R1	Loc57191	305	265	-	100
P545266	MGC13096	Loc84306	64	100	+	100
P536062	ZNF607	Loc84775	487	445	-	100
P511559	KLK11	Loc11012	82	46	-	100
P634992	C19orf22	Loc91300	587	628	+	100
P596106	NRTN	Loc4902	161	198	+	100
P595578	HDGF2	Loc84717	375	329	-	100
P624914	FLJ32416	Loc126306	157	113	-	100
P629404	7h3	Loc85360	404	445	+	100
P290698	FLJ20850	Loc55049	286	240	-	100
P627764	USHBP1	Loc83878	314	362	+	100
P545617	ZNF101	Loc94039	624	585	-	100
P588090	KLF1	Loc10661	515	468	-	100
P626993	OR7A5	Loc26659	137	100	-	100
P592204	ATP13A	Loc57130	299	339	+	100
P618225	UNC13A	Loc23025	77	117	+	100
P291303	DNAJC5	Loc80331	149	196	+	100
P521663	PRKCBP1	Loc23613	94	52	-	100
P622771	CTNBL1	Loc56259	52	92	+	100
P618151	SLC13A3	Loc64849	52	93	+	100
P525302	VAPB	Loc9217	430	387	-	100
P620666	NPEPL1	Loc79716	519	558	+	100
P291630	SLC35C2	Loc51006	139	177	+	100
P291630	SLC35C2	Loc51006	157	117	-	100
P608375	EDN3	Loc1908	295	251	-	100
P291768	WFDC10A	Loc140832	334	293	-	100

P613976	TMEPAI	Loc56937	271	236	-	100
P603397	SNX5	Loc27131	202	247	+	100
P291912	CRNKL1	Loc51340	257	301	+	100
P623367	HDHD4	Loc140838	277	234	-	100
P591066	NAPB	Loc63908	509	553	+	100
P602150	PLCB4	Loc5332	296	254	-	100
P504995	RASSF2	Loc9770	225	265	+	100
P533660	PSMF1	Loc9491	251	299	+	100
P512781	PCNA	Loc5111	81	41	-	100
P292353	C21orf66	Loc94104	459	503	+	100
P616032	C21orf59	Loc56683	119	157	+	100
P565081	DSCR1	Loc1827	273	234	-	100
P545578	NRIP1	Loc8204	193	232	+	100
P292488	C21orf42	Loc54072	258	215	-	100
P536467	KRTAP21-2	Loc337978	142	101	-	100
P292624	UBE2G2	Loc7327	335	381	+	100
P498923	TRPM2	Loc7226	804	841	+	100
P539313	CLDN5	Loc7122	273	315	+	100
P522489	CECR5	Loc27440	387	350	-	100
P510034	MIRAB13	Loc85377	313	353	+	100
P587761	GAS2L1	Loc10634	185	141	-	100
P562740	GTPBP1	Loc9567	76	119	+	100
P518996	PCQAP	Loc51586	508	469	-	100
P634270	RUTBC2	Loc129049	488	449	-	100
P518997	PCQAP	Loc51586	508	469	-	100
P606825	ACO2	Loc50	260	308	+	100
P500759	LIF	Loc3976	430	385	-	100
P575214	NHP2L1	Loc4809	356	404	+	100
P504541	SLC16A8	Loc23539	272	229	-	100
P293358	APOBEC3C	Loc27350	317	356	+	100
P594572	PHF5A	Loc84844	308	260	-	100
P599502	USP41	Loc373856	486	450	-	100
P509330	ARHGAP8	Loc23779	616	659	+	100
P617993	CERK	Loc64781	6	43	+	100
P537913	C22orf4	Loc25771	391	349	-	100
P626802	MAGED2	Loc10916	244	291	+	100
P617340	SE20-4	Loc64061	157	192	+	100
P626801	MAGED2	Loc10916	244	291	+	100
P609930	FLJ10178	Loc55086	22	63	+	100
P609930	FLJ10178	Loc55086	637	593	-	100
P609929	FLJ10178	Loc55086	22	63	+	100
P609929	FLJ10178	Loc55086	637	593	-	100
P512385	PAK3	Loc5063	157	204	+	100
P293951	TMEM31	Loc203562	68	24	-	100
P496019	SERPINA7	Loc6906	345	385	+	100
P636148	COX7B	Loc1349	71	33	-	100
P516380	ITM2A	Loc9452	14	49	+	100
P294006	TMSNB	Loc11013	46	91	+	100
P600500	ACATE2	Loc23597	224	266	+	100
P499402	DMD	Loc1756	392	440	+	100
P499640	RAB9A	Loc9367	119	166	+	100
P294536	FLJ25735	Loc158506	453	418	-	100

P294538	FAM47B	Loc170062	195	157	-	100
P493861	FAM47A	Loc158724	213	175	-	100
P495148	MAGEB5	Loc347541	320	273	-	100
P504283	ATP1B4	Loc23439	219	262	+	100
P509348	ACTRT1	Loc139741	538	500	-	100
P541557	UBE2A	Loc7319	558	522	-	100
P608032	KLHL5	Loc51088	480	526	+	100
P543675	FLJ14281	Loc79982	73	37	-	100
P591001	SMARCA1	Loc56916	317	358	+	100
P591001	SMARCA1	Loc56916	390	346	-	100
P615682	KIAA1627	Loc57721	160	208	+	100
P295222	TMSL3	Loc7117	287	328	+	100
P616500	LGR7	Loc59350	475	513	+	100
P502081	IF	Loc3426	490	443	-	100
P556300	GENX-3414	Loc8987	438	394	-	100
P632595	PAQR3	Loc152559	2	41	+	100
P295475	DKFZp434L142	Loc51313	573	537	-	100
P556301	GENX-3414	Loc8987	438	394	-	100
P295591	ANP32C	Loc23520	79	34	-	100
P295591	ANP32C	Loc23520	309	350	+	100
P521826	MGC26963	Loc166929	305	268	-	100
P295726	FLJ44477	Loc401157	265	305	+	100
P636797	PRRXL1	Loc117065	299	259	-	100
P490717	GPR123	Loc84435	10	51	+	100
P526151	PP2447	Loc80305	97	139	+	100
P632519	ST7L	Loc54879	548	504	-	100
P607837	TRIM33	Loc51592	294	334	+	100
P507825	CHIA	Loc27159	415	458	+	100
P507825	CHIA	Loc27159	481	446	-	100
P496352	AMY2A	Loc279	393	439	+	100
P527565	GSTM2	Loc2946	155	117	-	100
P525955	DKFZp547A021	Loc55917	357	396	+	100
P558810	FCN2	Loc2220	170	123	-	100
P512507	QSCN6L1	Loc169714	152	110	-	100
P594136	POLR3B	Loc55703	391	433	+	100
P515328	HAL	Loc3034	420	459	+	100
P558201	CMKLR1	Loc1240	540	584	+	100
P492646	FNBP2	Loc23380	81	128	+	100
P492646	FNBP2	Loc23380	461	422	-	100
P610046	GPATC2	Loc55105	533	489	-	100
P612184	ZNT8	Loc55532	504	461	-	100
P593214	MGC29875	Loc27042	200	240	+	100
P585777	UBE4B	Loc10277	219	254	+	100
P605645	NPHP4	Loc261734	345	298	-	100
P609964	TNFRSF8	Loc943	445	404	-	100
P544956	PAX8	Loc7849	249	284	+	100
P541971	DPP10	Loc57628	98	63	-	100
P522430	FLJ14681	Loc84910	154	114	-	100
P613796	UGCGL1	Loc56886	272	319	+	100
P600803	PSD4	Loc23550	123	170	+	100
P600803	PSD4	Loc23550	141	103	-	100
P524260	ZC3HDC6	Loc376940	567	531	-	100

P581620	ERCC3	Loc2071	285	329	+	100
P524259	ZC3HDC6	Loc376940	56	97	+	100
P626613	GLI2	Loc2736	245	209	-	100
P297260	IL1F7	Loc27178	557	509	-	100
P519154	REV1L	Loc51455	169	208	+	100
P519154	REV1L	Loc51455	236	273	+	100
P503951	ITSN2	Loc50618	255	209	-	100
P510543	KIAA1414	Loc54497	292	330	+	100
P297574	AFTIPHILIN	Loc54812	526	483	-	100
P511464	CAPN13	Loc92291	3	49	+	100
P492963	HADHB	Loc3032	492	537	+	100
P539042	DKFZP564F05	Loc25940	422	468	+	100
P518209	PRKCN	Loc23683	71	109	+	100
P632687	RASGRP3	Loc25780	555	512	-	100
P513256	THADA	Loc63892	159	118	-	100
P492866	KIAA1841	Loc84542	163	201	+	100
P528174	ANXA4	Loc307	273	313	+	100
P515765	SLC30A3	Loc7781	189	229	+	100
P610138	FLJ10379	Loc55133	282	247	-	100
P628033	FLJ13391	Loc84141	257	293	+	100
P298293	MGC4677	Loc112597	299	259	-	100
P593147	TEX261	Loc113419	84	42	-	100
P589385	SALF	Loc286749	218	262	+	100
P552768	FLJ23529	Loc79964	459	417	-	100
P638556	TMEM18	Loc129787	43	85	+	100
P634295	MGC34132	Loc285203	375	331	-	100
P591604	FLJ20551	Loc54977	500	465	-	100
P581307	HYPB	Loc29072	340	301	-	100
P625308	FLJ10707	Loc55209	311	266	-	100
P540024	NR2C2	Loc7182	90	50	-	100
P519111	IHPK2	Loc51447	33	68	+	100
P608062	TRNT1	Loc51095	57	20	-	100
P503425	LRRFIP2	Loc9209	147	184	+	100
P605382	EXOSC7	Loc23016	199	240	+	100
P586679	PRKCD	Loc5580	565	522	-	100
P496703	OXTR	Loc5021	385	350	-	100
P499293	HESX1	Loc8820	567	602	+	100
P561974	SLC22A13	Loc9390	614	579	-	100
P533408	CXCR6	Loc10663	35	75	+	100
P517152	SLMAP	Loc7871	568	531	-	100
P299445	LOH3CR2A	Loc29931	411	365	-	100
P604198	TBC1D5	Loc9779	157	121	-	100
P605988	RAP140	Loc23272	207	171	-	100
P608061	TRNT1	Loc51095	166	129	-	100
P602115	IHPK1	Loc9807	109	151	+	100
P555291	ODZ3	Loc55714	408	368	-	100
P522918	CYP4V2	Loc285440	262	214	-	100
P631610	NEK1	Loc4750	601	555	-	100
P539467	KIAA0992	Loc23022	137	185	+	100
P602929	ADAM29	Loc11086	548	502	-	100
P638311	SCFD2	Loc152579	73	116	+	100
P300021	PC-LKC	Loc54825	533	485	-	100

P520688	NSD1	Loc64324	461	502	+	100
P532805	STK10	Loc6793	159	120	-	100
P300337	BTNL8	Loc79908	49	86	+	100
P300337	BTNL8	Loc79908	355	402	+	100
P626693	CPEB4	Loc80315	510	468	-	100
P557111	DOK2	Loc9046	417	457	+	100
P532269	NEF3	Loc4741	130	89	-	100
P300785	DEFA6	Loc1671	328	284	-	100
P631660	SPAG11	Loc10407	359	399	+	100
P606062	AGTPBP1	Loc23287	67	108	+	100
P545651	VPS13A	Loc23230	44	84	+	100
P593298	ANXA1	Loc301	1139	1104	-	100
P562895	GDA	Loc9615	175	139	-	100
P509419	TMC1	Loc117531	66	24	-	100
P606061	AGTPBP1	Loc23287	185	228	+	100
P610761	CHFR	Loc55743	63	15	-	100
P626106	NDFIP2	Loc54602	282	234	-	100
P631024	WDFY2	Loc115825	69	117	+	100
P605529	KIAA0853	Loc23091	343	387	+	100
P301494	FLJ37307	Loc283521	4	47	+	100
P580553	BRCA2	Loc675	323	368	+	100
P591783	ATP12A	Loc479	50	11	-	100
P603507	PCDH17	Loc27253	597	640	+	100
P614788	XPO4	Loc64328	409	450	+	100
P614788	XPO4	Loc64328	485	438	-	100
P601247	TPTE2	Loc93492	442	483	+	100
P536089	TCF4	Loc6925	61	99	+	100
P536087	TCF4	Loc6925	517	482	-	100
P544034	SERPINB11	Loc89778	461	426	-	100
P531035	ARSF	Loc416	506	553	+	100
P506011	MPP1	Loc4354	214	170	-	100
P532548	EPM2A	Loc7957	75	119	+	100
P522499	SLC22A16	Loc85413	239	282	+	100
P522499	SLC22A16	Loc85413	257	212	-	100
P522284	C6orf168	Loc84553	66	25	-	100
P617075	PERP	Loc64065	177	218	+	100
P617075	PERP	Loc64065	195	157	-	100
P302481	SHPRH	Loc257218	376	330	-	100
P629003	RTN4IP1	Loc84816	60	101	+	100
P567369	GPR145	Loc84539	435	478	+	100
P567369	GPR145	Loc84539	453	411	-	100
P627974	FBXO30	Loc84085	374	334	-	100
P567370	GPR145	Loc84539	284	325	+	100
P637927	GPRC6A	Loc222545	347	304	-	100
P503563	TSPYL1	Loc7259	435	472	+	100
P548275	C6orf198	Loc167838	345	384	+	100
P302912	OSGEP	Loc55644	230	275	+	100
P533923	WDHD1	Loc11169	390	433	+	100
P575716	JUB	Loc84962	269	304	+	100
P590974	POMT2	Loc29954	560	602	+	100
P491096	YLPM1	Loc56252	330	374	+	100
P491096	YLPM1	Loc56252	348	301	-	100

P516967	CYP46A1	Loc10858	104	62	-	100
P563283	CTAGE5	Loc4253	553	599	+	100
P613717	RNASE4	Loc6038	244	286	+	100
P585556	SIX1	Loc6495	517	472	-	100
P600248	SLC7A8	Loc23428	157	197	+	100
P624248	MRPL52	Loc122704	541	584	+	100
P626843	APEX1	Loc328	453	408	-	100
P636521	C14orf6	Loc122651	338	303	-	100
P493358	CHD8	Loc57680	189	231	+	100
P575070	SERPINA3	Loc12	225	271	+	100
P622554	BRF1	Loc2972	532	570	+	100
P614675	DAD1	Loc1603	294	336	+	100
P633974	AKAP5	Loc9495	422	466	+	100
P584776	DHRS2	Loc10202	520	557	+	100
P592012	C14orf111	Loc51077	39	82	+	100
P303909	C14orf112	Loc51241	251	212	-	100
P303911	C14orf100	Loc51528	405	448	+	100
P303911	C14orf100	Loc51528	423	378	-	100
P303984	C14orf155	Loc84075	235	200	-	100
P304051	FUT8	Loc2530	217	262	+	100
P613718	RNASE4	Loc6038	326	368	+	100
P563282	CTAGE5	Loc4253	75	113	+	100
P563282	CTAGE5	Loc4253	139	101	-	100
P637269	OR4N5	Loc390437	398	436	+	100
P609860	FLJ10081	Loc55683	462	510	+	100
P304582	DEFB119	Loc245932	489	537	+	100
P622839	MAP1LC3A	Loc84557	538	573	+	100
P568978	MASK-BP3	Loc404734	580	545	-	100
P619957	FAT2	Loc2196	24	72	+	100
P525966	PCDHGA5	Loc56110	61	25	-	100
P531493	PPP2R2B	Loc5521	315	352	+	100
P304976	EPLIN	Loc51474	426	382	-	100
P304980	EPLIN	Loc51474	103	145	+	100
P625674	DNAJC14	Loc85406	465	427	-	100
P582506	STAT2	Loc6773	164	200	+	100
P579736	CS	Loc1431	507	547	+	100
P602487	DKFZP586A05	Loc25840	147	190	+	100
P628612	ARHGAP9	Loc64333	638	597	-	100
P492611	DKFZp434H21	Loc120892	468	512	+	100
P508001	MLC1SA	Loc140465	292	336	+	100
P499999	TM4SF3	Loc7103	375	334	-	100
P541735	GPR84	Loc53831	201	158	-	100
P622420	MGC14817	Loc84298	117	76	-	100
P550863	K6IRS4	Loc121391	497	449	-	100
P636140	DKFZp686O16	Loc341405	2	43	+	100
P614754	DGKA	Loc1606	378	419	+	100
P637302	OR6C3	Loc254786	471	424	-	100
P552468	OR6C76	Loc390326	429	473	+	100
P538664	KIAA0690	Loc23223	419	384	-	100
P632436	KIAA0261	Loc23063	163	125	-	100
P600153	MGEA5	Loc10724	415	454	+	100
P600153	MGEA5	Loc10724	433	396	-	100

P503332	HELLS	Loc3070	77	38	-	100
P609533	HIF1AN	Loc55662	265	312	+	100
P609533	HIF1AN	Loc55662	283	236	-	100
P589824	TACC2	Loc10579	94	133	+	100
P528453	ACTA2	Loc59	409	366	-	100
P586267	NRAP	Loc4892	669	711	+	100
P640219	AMACO	Loc340706	75	111	+	100
P493311	SH2D4B	Loc387694	107	142	+	100
P617168	SH2D4A	Loc63898	543	582	+	100
P549734	FLJ32642	Loc137492	215	254	+	100
P612090	CLCA1	Loc1179	482	444	-	100
P510666	NRD1	Loc4898	11	55	+	100
P570936	ZNF265	Loc9406	14	54	+	100
P534707	PRKACB	Loc5567	230	277	+	100
P625099	NSUN4	Loc387338	369	410	+	100
P587221	MUF1	Loc10489	348	306	-	100
P637607	GADD45A	Loc1647	501	465	-	100
P537130	SLC35A3	Loc23443	515	468	-	100
P618687	SLC30A7	Loc148867	126	169	+	100
P536198	CYP4Z1	Loc199974	143	101	-	100
P524058	ZCCHC11	Loc23318	653	611	-	100
P491855	KIAA1579	Loc55225	306	350	+	100
P554193	FLJ32810	Loc143872	335	371	+	100
P640125	HSPC063	Loc29068	687	649	-	100
P514142	KIAA1377	Loc57562	492	538	+	100
P617015	DPAGT1	Loc1798	806	765	-	100
P497380	APLP2	Loc334	132	93	-	100
P599620	PGR	Loc5241	141	186	+	100
P532880	HTR3B	Loc9177	144	100	-	100
P511932	OR10G7	Loc390265	490	449	-	100
P542634	MS4A6A	Loc64231	407	366	-	100
P632991	NXF	Loc266743	156	116	-	100
P515888	POLA2	Loc23649	355	391	+	100
P512035	P2RX3	Loc5024	312	353	+	100
P588363	OR5I1	Loc10798	53	10	-	100
P617182	FLJ22794	Loc63901	235	195	-	100
P549213	FLJ31393	Loc219445	126	172	+	100
P511060	KIAA1394	Loc57571	587	543	-	100
P595432	FOLR1	Loc2348	169	131	-	100
P506703	LANCL2	Loc55915	135	177	+	100
P620228	CHD1L	Loc9557	121	79	-	100
P309076	GPR89	Loc51463	243	288	+	100
P509788	MEGF10	Loc84466	271	230	-	100
P532577	KIF20A	Loc10112	355	393	+	100
P612141	TRIM36	Loc55521	85	45	-	100
P521035	C5orf14	Loc79770	577	532	-	100
P532394	DMXL1	Loc1657	117	160	+	100
P546088	NME5	Loc8382	404	360	-	100
P624852	APXL2	Loc134549	190	225	+	100
P621904	GMDS	Loc2762	269	306	+	100
P309576	NRN1	Loc51299	274	309	+	100
P565293	C6orf146	Loc222826	310	274	-	100

P510642	WDR5	Loc11091	502	463	-	100
P597643	ABO	Loc28	3	41	+	100
P534317	EP400	Loc57634	539	491	-	100
P635864	LRRRC28	Loc123355	394	358	-	100
P635144	ADAMTS17	Loc170691	118	73	-	100
P583803	MEF2A	Loc4205	492	527	+	100
P583690	STMN1	Loc3925	190	147	-	100
P529818	RPA2	Loc6118	417	460	+	100
P583689	STMN1	Loc3925	190	147	-	100
P616908	FGFRL1	Loc53834	243	206	-	100
P539643	SRRM2	Loc23524	143	97	-	100
P539644	SRRM2	Loc23524	143	97	-	100
P639184	DKFZp761A13	Loc84256	134	90	-	100
P505817	MPG	Loc4350	278	233	-	100
P548458	PRSS33	Loc260429	428	381	-	100
P612150	ADARB2	Loc105	544	579	+	100
P588337	ZMYND11	Loc10771	291	251	-	100
P588337	ZMYND11	Loc10771	303	351	+	100
P600253	SEPHS1	Loc22929	135	178	+	100
P609990	FRMD4A	Loc55691	527	492	-	100
P518443	HDGFRP3	Loc50810	435	470	+	100
P504000	CYFIP1	Loc23191	388	343	-	100
P589870	DDX52	Loc11056	182	220	+	100
P536073	ZFP62	Loc92379	85	131	+	100
P541445	UBE1	Loc7317	90	54	-	100
P559012	CACNA1F	Loc778	8	43	+	100
P491527	ERAS	Loc3266	200	161	-	100
P504221	AVPR1B	Loc553	275	239	-	100
P505210	C1orf17	Loc23127	437	485	+	100
P599748	CRB1	Loc23418	571	616	+	100
P592346	USP21	Loc27005	114	77	-	100
P638991	DBCCR1L	Loc339479	595	555	-	100
P508245	RALGPS2	Loc55103	242	205	-	100
P520324	P66beta	Loc57459	216	181	-	100
P541918	CGN	Loc57530	285	324	+	100
P618504	FLJ21919	Loc65123	553	593	+	100
P629598	RGPR	Loc89866	144	104	-	100
P518285	SETDB1	Loc9869	389	436	+	100
P592771	RRAGC	Loc64121	97	53	-	100
P576229	SFPQ	Loc6421	43	1	-	100
P621397	PKD1-like	Loc79932	150	198	+	100
P625603	MGC4796	Loc83931	165	211	+	100
P631138	IMAGE345145	Loc116841	310	262	-	100
P584881	HNRPR	Loc10236	214	176	-	100
P610274	FLJ10521	Loc55160	387	426	+	100
P530055	TBCE	Loc6905	493	536	+	100
P629032	ZNF496	Loc84838	21	61	+	100
P604488	ZFHX1B	Loc9839	325	367	+	100
P603635	SH3BP4	Loc23677	282	239	-	100
P492108	FLJ43374	Loc377007	126	79	-	100
P584281	FARSLB	Loc10056	547	583	+	100
P631881	KIAA2024	Loc130507	388	346	-	100

P616667	DNCI2	Loc1781	212	171	-	100
P605018	COBLL1	Loc22837	485	438	-	100
P607060	DNAPTP6	Loc26010	447	401	-	100
P505478	TNRC15	Loc26058	206	253	+	100
P504508	STK39	Loc27347	169	131	-	100
P601652	BAZ2B	Loc29994	396	348	-	100
P494987	HSPD1	Loc3329	227	186	-	100
P495907	ITGA6	Loc3655	61	22	-	100
P586396	ORC2L	Loc4999	27	65	+	100
P586397	ORC2L	Loc4999	551	589	+	100
P548075	DOCK10	Loc55619	523	565	+	100
P507686	MPP4	Loc58538	364	403	+	100
P498591	SCN7A	Loc6332	196	153	-	100
P624393	KIAA1715	Loc80856	340	383	+	100
P547017	CUL3	Loc8452	353	400	+	100
P547018	CUL3	Loc8452	433	468	+	100
P528759	CPA3	Loc1359	526	573	+	100
P505066	NLGN1	Loc22871	458	497	+	100
P632896	TNIK	Loc23043	123	169	+	100
P525156	PLS1	Loc5357	364	408	+	100
P615075	RP42	Loc54165	365	317	-	100
P611442	FLJ11342	Loc55347	328	282	-	100
P494426	KIAA1407	Loc57577	449	486	+	100
P582409	SKIL	Loc6498	447	406	-	100
P621950	MAK3	Loc80218	355	309	-	100
P506947	GRK4	Loc2868	240	199	-	100
P499238	SLC4A4	Loc8671	49	1	-	100
P499238	SLC4A4	Loc8671	255	220	-	100
P622881	MGC29898	Loc133015	82	124	+	100
P542595	HCAP-G	Loc64151	47	92	+	100
P563734	BST1	Loc683	109	152	+	100
P614202	CTNND2	Loc1501	265	307	+	100
P608949	NSUN2	Loc54888	220	268	+	100
P613740	SFRS12	Loc140890	737	698	-	100
P564490	CSPG2	Loc1462	190	146	-	100
P534979	SLC30A5	Loc64924	508	553	+	100
P618349	DKFZp761C161	Loc65056	352	308	-	100
P494943	FNDC1	Loc84624	517	562	+	100
P636338	C6orf136	Loc221545	138	181	+	100
P522824	PHACTR1	Loc221692	627	669	+	100
P605464	KIAA0082	Loc23070	520	562	+	100
P605464	KIAA0082	Loc23070	538	502	-	100
P505388	DAAM2	Loc23500	413	451	+	100
P505388	DAAM2	Loc23500	431	392	-	100
P543933	RPL7L1	Loc285855	444	479	+	100
P597765	HLA-DRA	Loc3122	501	538	+	100
P503003	NOL7	Loc51406	440	478	+	100
P608265	PPIL1	Loc51645	184	222	+	100
P601918	TCP11	Loc6954	232	184	-	100
P568829	BAT3	Loc7917	416	373	-	100
P607544	ADCYAP1R1	Loc117	146	188	+	100
P494290	TRIAD3	Loc54476	221	182	-	100

P628887	FAPP2	Loc84725	111	65	-	100
P516307	TBRG4	Loc9238	134	173	+	100
P527479	CYP3A5	Loc1577	411	366	-	100
P590412	C8orf2	Loc11160	290	331	+	100
P495104	INDO	Loc3620	521	479	-	100
P517477	PPM2C	Loc54704	442	477	+	100
P591393	MGC5528	Loc79075	351	313	-	100
P546694	NSMAF	Loc8439	50	90	+	100
P583333	GNE	Loc10020	317	273	-	100
P513111	C9orf93	Loc203238	232	271	+	100
P599920	DNAI1	Loc27019	213	250	+	100
P599920	DNAI1	Loc27019	278	238	-	100
P496582	ACO1	Loc48	36	76	+	100
P496582	ACO1	Loc48	54	14	-	100
P609578	CDC37L1	Loc55664	87	42	-	100
P587048	C9orf60	Loc10444	297	343	+	100
P621487	FANCC	Loc2176	135	179	+	100
P592910	KIAA0368	Loc23392	145	98	-	100
P606848	NIPSNAP3A	Loc25934	443	487	+	100
P581515	HSPA5	Loc3309	60	21	-	100
P583827	MUSK	Loc4593	73	120	+	100
P515444	PAPPA	Loc5069	415	463	+	100
P609312	FLJ20457	Loc54942	519	472	-	100
P569261	CDK5RAP2	Loc55755	85	125	+	100
P618847	ARID5B	Loc84159	141	102	-	100
P517521	YME1L1	Loc10730	419	458	+	100
P578241	BMI1	Loc648	591	556	-	100
P547095	CUL2	Loc8453	10	55	+	100
P523966	TCERG1L	Loc256536	203	246	+	100
P549753	PIWIL4	Loc143689	359	315	-	100
P543120	TRIM5	Loc85363	237	198	-	100
P521914	PTHLH	Loc5744	561	519	-	100
P525697	RECQL	Loc5965	120	76	-	100
P621366	FLJ22028	Loc79912	319	355	+	100
P513054	ARG99	Loc83857	468	421	-	100
P527319	RSN	Loc6249	177	221	+	100
P516916	PIR51	Loc10635	97	53	-	100
P635980	MGC33630	Loc144406	273	238	-	100
P527366	NOS1	Loc4842	195	243	+	100
P523316	MYR8	Loc23026	83	123	+	100
P607154	ADAM10	Loc102	506	554	+	100
P579076	MYCPBP	Loc10260	407	362	-	100
P579077	MYCPBP	Loc10260	314	272	-	100
P579079	MYCPBP	Loc10260	326	284	-	100
P496476	CHRN4	Loc1143	11	49	+	100
P572239	FLJ35867	Loc146050	360	406	+	100
P595399	FGF7	Loc2252	1048	1089	+	100
P595399	FGF7	Loc2252	1066	1023	-	100
P538799	RC3	Loc23312	496	534	+	100
P584543	ARIH1	Loc25820	241	199	-	100
P630128	GALK2	Loc2585	235	192	-	100
P523741	FLJ10980	Loc56204	600	564	-	100

P614445	AVEN	Loc57099	354	389	+	100
P618200	FLJ12994	Loc64864	172	207	+	100
P536694	TCF12	Loc6938	431	393	-	100
P547955	CILP	Loc8483	511	556	+	100
P515974	HERC1	Loc8925	170	132	-	100
P500095	CCNB2	Loc9133	243	201	-	100
P570207	SLC24A1	Loc9187	457	496	+	100
P537897	SPC18	Loc23478	482	517	+	100
P562485	MCTP2	Loc55784	181	224	+	100
P560729	ALDOA	Loc226	499	538	+	100
P515191	GTF3C1	Loc2975	533	574	+	100
P515191	GTF3C1	Loc2975	551	513	-	100
P498102	MYH11	Loc4629	559	595	+	100
P530256	UQCRC2	Loc7385	119	156	+	100
P531724	TAO1	Loc9344	73	29	-	100
P528249	CES1	Loc1066	405	369	-	100
P574655	FLJ34389	Loc197259	333	374	+	100
P510775	KLHDC4	Loc54758	477	438	-	100
P550442	FLJ20718	Loc55027	123	158	+	100
P574650	FLJ10520	Loc55159	333	374	+	100
P621591	NIP30	Loc80011	572	524	-	100
P625925	DNCL2B	Loc83657	111	155	+	100
P569690	ATP6V0D1	Loc9114	218	180	-	100
P617047	FN3KRP	Loc79672	210	168	-	100
P513172	FLJ46675	Loc146754	101	136	+	100
P640798	ARHGEF15	Loc22899	70	112	+	100
P621148	CT120	Loc79850	120	85	-	100
P546301	SLC25A11	Loc8402	67	26	-	100
P500122	KCNAB3	Loc9196	501	541	+	100
P636431	MYOCD	Loc93649	534	579	+	100
P598910	STAT3	Loc6774	177	131	-	100
P612396	SNIP	Loc80725	255	303	+	100
P593552	DDX5	Loc1655	196	236	+	100
P618596	FLJ13855	Loc65264	239	198	-	100
P557028	SPAG9	Loc9043	317	273	-	100
P491913	MGC19764	Loc162394	246	292	+	100
P535760	PIPOX	Loc51268	356	313	-	100
P535760	PIPOX	Loc51268	586	550	-	100
P535235	MYO5B	Loc4645	367	332	-	100
P535235	MYO5B	Loc4645	452	498	+	100
P583456	UBA2	Loc10054	21	57	+	100
P536838	ZNF540	Loc163255	292	329	+	100
P536838	ZNF540	Loc163255	421	381	-	100
P584827	M6PRBP1	Loc10226	18	63	+	100
P508379	CYP4F3	Loc4051	397	362	-	100
P610909	C20orf36	Loc55251	104	60	-	100
P541999	KIAA1510	Loc57642	175	216	+	100
P607171	PPP1R16B	Loc26051	551	504	-	100
P608087	C20orf9	Loc51098	532	576	+	100
P608087	C20orf9	Loc51098	550	512	-	100
P612057	ZNF313	Loc55905	303	341	+	100
P539629	TOP1	Loc7150	550	513	-	100

P551478	PTPNS1L2	Loc128646	209	165	-	100
P600292	C20orf103	Loc24141	55	12	-	100
P607471	SDCBP2	Loc27111	490	447	-	100
P586418	PAX1	Loc5075	258	215	-	100
P498426	PTPRA	Loc5786	537	499	-	100
P617678	DYRK1A	Loc1859	49	5	-	100
P617681	DYRK1A	Loc1859	462	503	+	100
P540038	GRIK1	Loc2897	46	88	+	100
P565883	MX1	Loc4599	348	390	+	100
P565883	MX1	Loc4599	366	322	-	100
P565892	MX2	Loc4600	348	390	+	100
P565892	MX2	Loc4600	366	322	-	100
P546851	C21orf58	Loc54058	272	231	-	100
P532587	DNAL4	Loc10126	324	276	-	100
P590036	CDC42EP1	Loc11135	507	551	+	100
P529589	MAPK1	Loc5594	46	92	+	100
P613427	EIF4ENIF1	Loc56478	424	470	+	100
P499576	JARID1C	Loc8242	186	234	+	100
P589748	MAGED1	Loc9500	78	37	-	100
P509005	DKFZp564K14	Loc84061	484	448	-	100
P603016	RPS4X	Loc6191	160	208	+	100
P553754	MTMR1	Loc8776	419	380	-	100
P494167	MGC17403	Loc170082	171	212	+	100
P519986	DKFZp686L20	Loc54521	228	187	-	100
P538885	PUM2	Loc23369	353	398	+	100
P538886	PUM2	Loc23369	7	55	+	100
P608036	KLHL5	Loc51088	443	397	-	100
P519712	N4BP2	Loc55728	166	207	+	100
P521827	MGC26963	Loc166929	450	487	+	100
P503148	HNRPD	Loc3184	177	136	-	100
P494242	FLJ44691	Loc345193	598	640	+	100
P557422	NFKB1	Loc4790	186	140	-	100
P609673	BANK1	Loc55024	297	343	+	100
P563024	FLJ10378	Loc55132	343	299	-	100
P611284	FLJ11155	Loc55314	219	263	+	100
P591005	SMARCAD1	Loc56916	67	108	+	100
P591005	SMARCAD1	Loc56916	140	96	-	100
P628711	SCOC	Loc60592	46	7	-	100
P620911	FLJ13273	Loc79807	259	298	+	100
P629548	MGC16169	Loc93627	434	480	+	100
P593314	ATP1A1	Loc476	551	505	-	100
P607840	TRIM33	Loc51592	252	212	-	100
P611392	RIF1	Loc55791	397	356	-	100
P584643	PLXNC1	Loc10154	306	342	+	100
P584644	PLXNC1	Loc10154	345	383	+	100
P590043	PWP1	Loc11137	84	125	+	100
P529466	SLC25A3	Loc5250	11	48	+	100
P577201	NR1H4	Loc9971	29	74	+	100
P610047	GPATC2	Loc55105	1060	1023	-	100
P518951	PROX1	Loc5629	178	226	+	100
P520214	SMYD2	Loc56950	442	401	-	100
P511701	TRAF5	Loc7188	288	334	+	100

P511701	TRAF5	Loc7188	306	263	-	100
P609044	FLJ20321	Loc54897	233	272	+	100
P611158	ACOXL	Loc55289	60	22	-	100
P584447	ACTR2	Loc10097	534	579	+	100
P518211	PRKCN	Loc23683	215	259	+	100
P518211	PRKCN	Loc23683	233	185	-	100
P503957	ITSN2	Loc50618	280	237	-	100
P540362	FLJ20296	Loc54884	230	276	+	100
P516999	PPM1B	Loc5495	968	932	-	100
P517000	PPM1B	Loc5495	245	287	+	100
P505236	ALMS1	Loc7840	64	18	-	100
P632541	FRMD4B	Loc23150	348	383	+	100
P583401	PARP3	Loc10039	536	492	-	100
P590464	NISCH	Loc11188	519	471	-	100
P623869	MGC61571	Loc152100	253	297	+	100
P623869	MGC61571	Loc152100	271	235	-	100
P581407	FLJ32685	Loc152110	201	248	+	100
P601966	AZI2	Loc64343	60	107	+	100
P617709	FLJ22405	Loc64419	252	208	-	100
P502984	TOP2B	Loc7155	103	149	+	100
P542809	SFXN1	Loc94081	271	306	+	100
P619596	EXTL3	Loc2137	265	311	+	100
P619596	EXTL3	Loc2137	283	246	-	100
P545655	VPS13A	Loc23230	266	309	+	100
P537537	UBQLN1	Loc29979	516	552	+	100
P591883	RFK	Loc55312	226	187	-	100
P534024	WBP4	Loc11193	508	461	-	100
P538471	APRIN	Loc23047	210	166	-	100
P618952	HSMPP8	Loc54737	458	499	+	100
P627700	SETDB2	Loc83852	85	41	-	100
P595730	ITM2B	Loc9445	343	380	+	100
P512991	FLJ20753	Loc55036	373	325	-	100
P512991	FLJ20753	Loc55036	492	444	-	100
P612748	FLJ20793	Loc54495	458	505	+	100
P615500	KIAA1468	Loc57614	168	122	-	100
P615503	KIAA1468	Loc57614	385	339	-	100
P615504	KIAA1468	Loc57614	389	424	+	100
P509266	SERPIN12	Loc89777	337	381	+	100
P606331	KIAA0776	Loc23376	112	149	+	100
P572867	LAMA2	Loc3908	443	489	+	100
P532549	EPM2A	Loc7957	372	324	-	100
P604178	BCLAF1	Loc9774	152	189	+	100
P551787	BAZ1A	Loc11177	114	71	-	100
P520613	EGLN3	Loc112399	235	193	-	100
P606422	ZFYVE26	Loc23503	178	135	-	100
P600822	TINF2	Loc26277	666	623	-	100
P528159	ANG	Loc283	304	346	+	100
P505663	MNAT1	Loc4331	354	396	+	100
P518061	SIX4	Loc51804	496	454	-	100
P522665	RNF31	Loc55072	283	331	+	100
P491097	YLPM1	Loc56252	209	249	+	100
P493362	CHD8	Loc57680	212	166	-	100

P625186	C14orf154	Loc84193	437	483	+	100
P625186	C14orf154	Loc84193	455	408	-	100
P551444	NUMB	Loc8650	232	188	-	100
P601548	CSEN	Loc30818	430	382	-	100
P537804	NCOA6	Loc23054	309	356	+	100
P607377	TRPC4AP	Loc26133	484	440	-	100
P612115	C5orf3	Loc10827	479	514	+	100
P591636	FLJ31121	Loc153527	376	340	-	100
P619959	FAT2	Loc2196	159	115	-	100
P636287	MGC23401	Loc196441	593	545	-	100
P504520	TBK1	Loc29110	70	117	+	100
P585528	NAP1L1	Loc4673	500	541	+	100
P500454	PCBP2	Loc5094	57	9	-	100
P500455	PCBP2	Loc5094	372	408	+	100
P506829	SLC38A2	Loc54407	458	506	+	100
P628615	ARHGAP9	Loc64333	200	161	-	100
P628226	DKFZp434K24	Loc84216	372	325	-	100
P622422	MGC14817	Loc84298	130	89	-	100
P534040	SEC23IP	Loc11196	209	169	-	100
P623744	IFIT2	Loc3433	100	135	+	100
P506450	C10orf6	Loc55719	530	492	-	100
P540871	KIAA1598	Loc57698	193	156	-	100
P543845	WNT8B	Loc7479	302	344	+	100
P627060	KAZALD1	Loc81621	245	290	+	100
P608561	MPHOSPH1	Loc9585	370	330	-	100
P519864	WDR4	Loc10785	584	537	-	100
P570856	MGC34837	Loc127795	320	363	+	100
P602323	ANGPTL3	Loc27329	380	425	+	100
P510667	NRD1	Loc4898	528	573	+	100
P613756	OBRGRP	Loc54741	306	267	-	100
P491859	KIAA1579	Loc55225	297	337	+	100
P611099	MCOLN3	Loc55283	141	181	+	100
P567945	RABGGTB	Loc5876	582	544	-	100
P535275	MGC23908	Loc91408	191	149	-	100
P599365	HS2ST1	Loc9653	177	217	+	100
P599311	BACE1	Loc23621	313	277	-	100
P585401	MLL	Loc4297	483	528	+	100
P514849	ATM	Loc472	585	546	-	100
P618738	PUS3	Loc83480	450	413	-	100
P570870	GPR44	Loc11251	203	164	-	100
P519366	SUV420H1	Loc51111	600	557	-	100
P586122	C11orf11	Loc747	63	102	+	100
P528258	CHD1	Loc1105	149	102	-	100
P634012	ADAMTS19	Loc171019	66	114	+	100
P490551	FSTL4	Loc23105	427	465	+	100
P538735	KIAA0433	Loc23262	251	296	+	100
P570899	HSD17B4	Loc3295	498	457	-	100
P585282	SMAD5	Loc4090	315	270	-	100
P498040	MCC	Loc4163	429	384	-	100
P531380	DSP	Loc1832	526	481	-	100
P561907	TSC1	Loc7248	282	238	-	100
P516087	GFI1B	Loc8328	442	394	-	100

P588902	TALDO1	Loc6888	281	237	-	100
P532377	SNRPA1	Loc6627	455	408	-	100
P609834	GPR172A	Loc79581	330	372	+	100
P512828	KIAA1688	Loc80728	367	321	-	100
P516105	PKMYT1	Loc9088	284	331	+	100
P595195	CTSB	Loc1508	181	140	-	100
P528410	GDI2	Loc2665	438	477	+	100
P504002	CYFIP1	Loc23191	255	295	+	100
P537014	AATF	Loc26574	425	387	-	100
P517017	RBM3	Loc5935	204	168	-	100
P502882	CRSP2	Loc9282	288	323	+	100