

NCBI Gene ID	Gene Symbol
91	ACVR1B
56894	AGPAT3
207	AKT1
208	AKT2
10000	AKT3
238	ALK
51529	ANAPC11
317	APAF1
324	APC
369	ARAF
2909	ARHGAP35
9181	ARHGEF2
84159	ARID5B
340075	ARSI
80816	ASXL3
64225	ATL2
488	ATP2A2
535	ATP6V0A1
92552	ATXN3L
550	AUP1
6790	AURKA
26229	B3GAT3
580	BARD1
596	BCL2
598	BCL2L1
329	BIRC2
330	BIRC3
332	BIRC5
79444	BIRC7
640	BLK
80341	BPIFB2
2186	BPTF
673	BRAF
672	BRCA1
675	BRCA2
83990	BRIP1
26580	BSCL2
699	BUB1
79794	C12orf49
196415	C12orf77
401115	C4orf48
138162	C9orf116
817	CAMK2D
836	CASP3
840	CASP7
841	CASP8

867	CBL
868	CBLB
23624	CBLC
8030	CCDC6
8900	CCNA1
890	CCNA2
595	CCND1
894	CCND2
896	CCND3
10575	CCT4
913	CD1E
8697	CDC23
993	CDC25A
11140	CDC37
990	CDC6
1017	CDK2
1019	CDK4
1021	CDK6
1026	CDKN1A
27443	CECR2
29956	CERS2
54927	CHCHD3
1106	CHD2
51652	CHMP3
22856	CHSY1
493856	CISD2
10256	CNKS1R
22866	CNKS2R
4848	CNOT2
84701	COX4I2
1387	CREBBP
1399	CRKL
1419	CRYGB
1459	CSNK2A2
1499	CTNNA1
56259	CTNNA2
9547	CXCL14
9266	CYTH2
153090	DAB2IP
340578	DCAF12L2
54541	DDIT4
9879	DDX46
1719	DHFR
1659	DHX8
23234	DNAJC9
8193	DPF1
8813	DPM1

8818	DPM2
1841	DTYMK
1843	DUSP1
1844	DUSP2
1845	DUSP3
1846	DUSP4
1847	DUSP5
1848	DUSP6
1869	E2F1
1870	E2F2
1871	E2F3
144455	E2F7
10682	EBP
1894	ECT2
8726	EED
1956	EGFR
1978	EIF4EBP1
1979	EIF4EBP2
8637	EIF4EBP3
2002	ELK1
64834	ELOVL1
55831	EMC3
2064	ERBB2
2077	ERF
54845	ESRP1
2113	ETS1
2114	ETS2
55763	EXOC1
55770	EXOC2
11336	EXOC3
60412	EXOC4
10640	EXOC5
54536	EXOC6
23265	EXOC7
149371	EXOC8
5393	EXOSC9
2132	EXT2
2146	EZH2
9917	FAM20B
63939	FAM217B
284418	FAM71E2
2175	FANCA
2176	FANCC
2197	FAU
10826	FAXDC2
80204	FBXO11
55612	FERMT1

2260	FGFR1
2263	FGFR2
2261	FGFR3
2264	FGFR4
2268	FGR
2322	FLT3
28982	FLVCR1
2339	FNTA
2342	FNTB
2353	FOS
8061	FOSL1
2444	FRK
65991	FUNDC2
2534	FYN
64762	GAREM1
2627	GATA6
54994	GID8
51659	GINS2
51031	GLOD4
2762	GMDS
222545	GPRC6A
2887	GRB10
2885	GRB2
201562	HACD2
3054	HCFC1
3055	HCK
3065	HDAC1
83933	HDAC10
79885	HDAC11
3066	HDAC2
8841	HDAC3
9759	HDAC4
10014	HDAC5
10013	HDAC6
51564	HDAC7
55869	HDAC8
9734	HDAC9
3265	HRAS
3336	HSPE1
23463	ICMT
24138	IFIT5
8519	IFITM1
58493	INIP
8821	INPP4B
3632	INPP5A
3643	INSR
3645	INSRR

26512	INTS6
3660	IRF2
3667	IRS1
8660	IRS2
83737	ITCH
81533	ITFG1
3716	JAK1
3717	JAK2
3718	JAK3
3725	JUN
51780	KDM3B
3808	KIR2DS3
116138	KLHDC3
3837	KPNB1
3845	KRAS
8844	KSR1
283455	KSR2
3932	LCK
653499	LGALS7B
643414	LIPK
114783	LMTK3
91694	LONRF1
10162	LPCAT3
51213	LUZP4
4067	LYN
10296	MAEA
84232	MAF1
4111	MAGEA12
4105	MAGEA6
5604	MAP2K1
5605	MAP2K2
5594	MAPK1
5595	MAPK3
51257	MARCH2
56922	MCCC1
4172	MCM3
4173	MCM4
4174	MCM5
4175	MCM6
4176	MCM7
4193	MDM2
400569	MED11
9968	MED12
55897	MESP1
4233	MET
29081	METTL5
64223	MLST8

4318	MMP9
23041	MON2
22808	MRAS
6307	MSMO1
4507	MTAP
2475	MTOR
4602	MYB
4609	MYC
440145	MZT1
4671	NAIP
4739	NEDD9
4763	NF1
4780	NFE2L2
4790	NFKB1
197358	NLRC3
27035	NOX1
10641	NPRL2
8131	NPRL3
4893	NRAS
4902	NRTN
7468	NSD2
11163	NUDT4
79023	NUP37
29948	OSGIN1
5058	PAK1
5062	PAK2
5063	PAK3
10298	PAK4
24145	PANX1
5099	PCDH7
10015	PDCD6IP
5156	PDGFRA
5159	PDGFRB
5170	PDPK1
8682	PEA15
5037	PEBP1
9409	PEX16
8504	PEX3
5201	PFDN1
5204	PFDN5
51808	PHAX
5245	PHB
5290	PIK3CA
5293	PIK3CD
5294	PIK3CG
5295	PIK3R1
5296	PIK3R2

8503	PIK3R3
23533	PIK3R5
146850	PIK3R6
5300	PIN1
5326	PLAGL2
51196	PLCE1
345557	PLCXD3
79156	PLEKHF1
5364	PLXNB1
25885	POLR1A
5432	POLR2C
5437	POLR2H
10622	POLR3G
5499	PPP1CA
5510	PPP1R7
10113	PREB
80243	PREX2
5562	PRKAA1
5563	PRKAA2
5564	PRKAB1
5565	PRKAB2
5571	PRKAG1
51422	PRKAG2
53632	PRKAG3
5578	PRKCA
5579	PRKCB
5580	PRKCD
5581	PRKCE
5582	PRKCG
5583	PRKCH
5584	PRKCI
5588	PRKCQ
5589	PRKCSH
5590	PRKCZ
55119	PRPF38B
5687	PSMA6
5689	PSMB1
5717	PSMD11
5709	PSMD3
5728	PTEN
5742	PTGS1
5747	PTK2
5781	PTPN11
23475	QPR1
25782	RAB3GAP2
5870	RAB6A
23637	RABGAP1

5879	RAC1
5880	RAC2
5881	RAC3
5893	RAD52
5894	RAF1
5898	RALA
5899	RALB
10928	RALBP1
253959	RALGAPA1
57186	RALGAPA2
5900	RALGDS
5905	RANGAP1
2889	RAPGEF1
9693	RAPGEF2
5921	RASA1
5922	RASA2
22821	RASA3
8437	RASAL1
9462	RASAL2
64926	RASAL3
5923	RASGRF1
5924	RASGRF2
10125	RASGRP1
10235	RASGRP2
25780	RASGRP3
115727	RASGRP4
11186	RASSF1
644943	RASSF10
9770	RASSF2
283349	RASSF3
83937	RASSF4
83593	RASSF5
166824	RASSF6
8045	RASSF7
11228	RASSF8
9182	RASSF9
5925	RB1
9986	RCE1
23179	RGL1
5863	RGL2
57139	RGL3
727851	RGPD8
6009	RHEB
387	RHOA
388	RHOB
389	RHOC
57589	RIC1

60626	RIC8A
140730	RIMS4
100526767	RNF103-CHMP3
6093	ROCK1
9475	ROCK2
6098	ROS1
51121	RPL26L1
6160	RPL31
6207	RPS13
6222	RPS18
6191	RPS4X
6195	RPS6KA1
6196	RPS6KA2
6197	RPS6KA3
27330	RPS6KA6
6198	RPS6KB1
6199	RPS6KB2
6202	RPS8
57521	RPTOR
83861	RSPH3
65078	RTN4R
861	RUNX1
10284	SAP18
60485	SAV1
6319	SCD
23513	SCRIB
10483	SEC23B
6418	SET
6464	SHC1
25759	SHC2
53358	SHC3
399694	SHC4
8036	SHOC2
23411	SIRT1
7884	SLBP
4891	SLC11A2
387601	SLC22A25
6576	SLC25A1
7779	SLC30A1
55974	SLC50A1
11309	SLCO2B1
4090	SMAD5
8243	SMC1A
55234	SMU1
6634	SNRPD3
6636	SNRPF
23161	SNX13

57231	SNX14
6654	SOS1
6655	SOS2
6662	SOX9
57405	SPC25
83985	SPNS1
161742	SPRED1
200734	SPRED2
399473	SPRED3
6699	SPRR1B
10252	SPRY1
10253	SPRY2
10251	SPRY3
81848	SPRY4
10558	SPTLC1
9517	SPTLC2
6714	SRC
6720	SREBF1
6721	SREBF2
6427	SRSF2
10402	ST3GAL6
8027	STAM
10617	STAMBP
6794	STK11
6788	STK3
6789	STK4
23512	SUZ12
414059	TBC1D3B
1155	TBCB
29110	TBK1
6934	TCF7L2
7027	TFDP1
7029	TFDP2
7050	TGIF1
7074	TIAM1
26230	TIAM2
7083	TK1
56889	TM9SF3
388335	TMEM220
90488	TMEM263
7157	TP53
7161	TP73
51693	TRAPPC2L
51399	TRAPPC4
126003	TRAPPC5
642446	TRIM64B
7248	TSC1

7249	TSC2
27075	TSPAN13
57217	TTC7A
7272	TTK
203068	TUBB
10844	TUBGCP2
7298	TYMS
6675	UAP1
51271	UBAP1
9898	UBAP2L
7328	UBE2H
7334	UBE2N
100505679	UBE2Q2L
59286	UBL5
642623	UBTFL1
7357	UGCG
7374	UNG
7874	USP7
7409	VAV1
7415	VCP
7428	VHL
154807	VKORC1L1
55823	VPS11
64601	VPS16
57617	VPS18
84313	VPS25
23339	VPS39
11311	VPS45
51534	VTA1
80232	WDR26
55100	WDR70
7494	XBP1
331	XIAP
57002	YAE1D1
10413	YAP1
7525	YES1
51646	YPEL5
146198	ZFP90
161882	ZFPM1
353088	ZNF429
