

Gene symbol	Bp aligned to assembly 30	Target GenBank Identifier	LocusLink	Symbol	Description
ACCN2	4153	9943845	41	ACCN2	amiloride-sensitive cation channel 2, neuronal
ADORA2A	3180	5921991	135	ADORA2A	adenosine A2a receptor
ADRA1B	2352	494982	147	ADRA1B	adrenergic, alpha-1B-, receptor
ADRB2	2033	15718673	154	ADRB2	adrenergic, beta-2-, receptor, surface
ADSL	5498	4557268	158	ADSL	adenylosuccinate lyase
AK1	4156	4502010	203	AK1	adenylate kinase 1
ATF1	2152	4885072	466	ATF1	activating transcription factor 1
ATF3	1333	4502262	467	ATF3	activating transcription factor 3
AZGP1	2310	4502336	563	AZGP1	alpha-2-glycoprotein 1, zinc
BDNF	1376	3928269	627	BDNF	brain-derived neurotrophic factor
BZRP	1719	6382066	706	BZRP	benzodiazapine receptor (peripheral)
CCK	1394	4755130	885	CCK	cholecystokinin
CCKBR	3164	436039	887	CCKBR	cholecystokinin B receptor
CDK5R1	1260	4502736	8851	CDK5R1	cyclin-dependent kinase 5, regulatory subunit 1 (p35)
CHRNA3	5181	1458111	1136	CHRNA3	cholinergic receptor, nicotinic, alpha polypeptide 3
CHRN2	3858	4502832	1141	CHRN2	cholinergic receptor, nicotinic, beta polypeptide 2 (neuronal)
CI22444	398	8133222	2774	GNAL	candidate for depression
CLDN11	1298	13518028	5010	CLDN11	claudin 11 (oligodendrocyte transmembrane protein)
COMT	2981	6466451	1312	COMT	catechol-O-methyltransferase
CORT	1278	4502976	1325	CORT	cortistatin
CRHR2	4586	13629623	1395	CRHR2	corticotropin releasing hormone receptor 2
DBI	1753	24475624	1622	DBI	diazepam binding inhibitor
EMX2	1856	14149610	2018	EMX2	empty spiracles homolog 2 (Drosophila)
ENC1	1814	3769361	8507	ENC1	ectodermal-neural cortex (with BTB-like domain)
FQ	1706	1531988	5368	PNOC	prepronociceptin
GABARAP	1550	6005763	11337	GABARAP	GABA(A) receptor-associated protein
GALR2	230	3642913	8811	GALR2	galanin receptor 2
GDNF	1011	4503974	2668	GDNF	glial cell derived neurotrophic factor
GEF2	1955	14994306	11345	GABARAPL2	GABA(A) receptor-associated protein-like 2
GFRA1	3492	4885268	2674	GFRA1	GDNF family receptor alpha 1
GHSR	1491	4758433	2693	GHSR	growth hormone secretagogue receptor
GPR10	1379	4758473	2834	GPR10	G protein-coupled receptor 10
GPR58	1296	7657141	9287	GPR58	G protein-coupled receptor 58

HTR1D	1928	4504534	3352	HTR1D	5-hydroxytryptamine (serotonin) receptor 1D
HTR6	1972	4504544	3362	HTR6	5-hydroxytryptamine (serotonin) receptor 6
KCNC1	2029	24497454	3746	KCNC1	potassium voltage-gated channel, Shaw-related subfamily, member 1
KCNG1	2141	4504828	3755	KCNG1	potassium voltage-gated channel, subfamily G, member 1
KCNJ11	1380	1088444	3767	KCNJ11	potassium inwardly-rectifying channel, subfamily J, member 11
KCNJ13	1615	3650319	3769	KCNJ13	potassium inwardly-rectifying channel, subfamily J, member 13
KCNJ9	2875	4826803	3765	KCNJ9	potassium inwardly-rectifying channel, subfamily J, member 9
KCNMB3	1617	7657250	27094	KCNMB3	potassium large conductance calcium-activated channel, subfamily M beta member 3
KCNS1	1926	25777652	3787	KCNS1	potassium voltage-gated channel, delayed-rectifier, subfamily S, member 1
LOC137839	2096	17452756	137839	LOC137839	similar to Cell division protein kinase 5
MFNG	3509	4505158	4242	MFNG	manic fringe homolog (Drosophila)
MTNR1A	1570	5174592	4543	MTNR1A	melatonin receptor 1A
MTNR1B	1744	5174594	4544	MTNR1B	melatonin receptor 1B
NEUROD1	1783	4505376	4760	NEUROD1	neurogenic differentiation 1
NEUROD3	984	5453769	4762	NEUROG1	neurogenin 1
NKX2B	1486	4505400	4821	NKX2-2	NK2 transcription factor related, locus 2 (Drosophila)
NOTCH4	11699	1841541	4855	NOTCH4	Notch homolog 4 (Drosophila)
NPFF	1366	4503768	8620	NPFF	neuropeptide FF-amide peptide precursor
PACAP	1969	4501920	116	ADCYAP1	adenylate cyclase activating polypeptide 1 (pituitary)
PEA15	1616	21359835	8682	PEA15	phosphoprotein enriched in astrocytes 15
PEGASUS	2947	11968012	64376	PEGASUS	zinc finger protein, subfamily 1A, 5 (Pegasus)
POMC	2595	4505948	5443	POMC	proopiomelanocortin
PTGDS	2406	4506250	5730	PTGDS	prostaglandin D2 synthase 21kDa (brain)
RQCD1	2870	4885578	9125	RQCD1	RCD1 required for cell differentiation1 homolog (S. pombe)
SCN2B	2000	4759065	6327	SCN2B	sodium channel, voltage-gated, type II, beta
SCN3B	2409	9055237	55800	SCN3B	sodium channel, voltage-gated, type III, beta
TA1	1378	14600073	134864	Tar1	trace amine receptor 1
TA4	1389	14600087	319100	TA4	trace amine receptor 4
TA5	1396	14600089	83551	GPR102	G protein-coupled receptor 102
TGIF	1915	12654024	7050	TGIF	TGFB-induced factor (TALE family homeobox)
WNT14	1627	15082260	7483	WNT9A	wingless-type MMTV integration site family, member 9A
YWHAH	866	21464102	7533	YWHAH	tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein