

Paradis et al. Supplemental Table S1

Official Symbol	Genbank Accession Number (NCBI mRNA)	GeneID (Entrez gene)	Previous/Alternate Accession Number and Additional Comments	Category	5' T7 primer	3' T7 primer
Lin7c	NM 021851	60442		A	AGAGGGATATCTGCAGAGC	TGGTGTGTACCGACGAC
Nrp1	NM 145098	246331		A	GAAGTGCCTACAGCTGGAC	TGCCTTCACGCCTCTGAG
Rem2	NM 022685	64626		A	TGTGCCCTACAACACCAG	GCGTTGCTGAAGAACTTGG
Tyro3	NM 017092	25232		A	CATCATTGCCCTCAAGCGAC	AGCTACTGTGAGGCAGTAG
Axl	NM 001013147*	83625	XM 218346*	H	CGAGACGTCATGGTAGATC	CTGTAGAAGGACAGAGGAC
Dbn1	NM 031024	81653		L	GAGCAGCAGATCGAGGAG	AGTTAGGACCTGGGAGGC
NPas4	NM 153626	266734		A	ACTCCGTGCACCTCTACC	GCTGTCTTGAAGTGGCTC
Mertk	NM 022943	65037		H	CTGAGCTCTCAAGGCATCC	AGGAGTCGTCTGCCAACAG
Plxnc1	XM 001080408	362873	XM 343200	A	GTGGCAGGTTCTGAATTC	CTGTCAAGGCCACTTCTTC
Ncam1	NM 031521	24586		A	CCATCTGCGAGCTATCTGG	CCGTCATGGTTTGGAGTCC
Dcamk11	NM 053343	83825		A	CGGAAGCAGAGGATCTCTC	ACAGAACTCCAGCTGCCG
Neol	XM 001074913	81735	XM 343402	A	CACCATCGTAGTGGTTGTG	CATGAGTCTTCCAGGTGG
Fos	NM 022197*	314322		A	CAGAGCATCGGCAGAAGG	TCCTTGAGGTCCACAGCC
Plk2	NM 031821	83722		A	GGCTTCACTCCAGACAGAC	CGAACAGCCAGACATCAAC
Pcdh8	NM 022868	64865		A	CAATGCTCTGGTGCAAGTG	GGGCCTGGTAGTAATTGTC
slit2	XM 001057837	360272	AF141386	A	ACTGTTGCCAAGGGCACC	CTCTTGAATGCCTTTAGG
Dcc	NM 012841	25311	U68725	P	CCACATGGCAGTGTAACTC	GGCTGGATCCTCTGTTGG
Nrp2	NM 030869	81527		P	GACTGGACAGACTCAAAGC	CTTGTGCTTGAGGCCGTC
Robo1	NM 022188	58946		P	ACAGGATTGTCCGGAGGAC	TCCTGAGCCTCTTGATGAC
Robo2	XM 001064680	84409	XM 213677	P	TCCTGGTTCCAGTATGGAC	GAAGGTCATTGGCATTCCG
Robo3	XM 236056	315564	XM 001060907	P	GGAACTCCCTGTACTTGG	GAAGACATGCTGCCTGCTG
Unc5a	NM 022206	60629		P	CTCACACTGCACAAGCCAG	CTCCCATAGGTTGAGGATC
Unc5b	NM 022207	60630		P	TCCCAGACAGTATTGAGCC	CTCACTCTGCCCATCTCC
Unc5c	NM 199407	362049		P	CCTGTCATCCTCACTCTGC	CAGCATGCTCAGGTTTCC
Unc5d	XM 240446	306534	XM 001069726	P	GCCTCCAGATATGCTTGTC	GTCTGTGATGACGAGC
Nope	XM 343412	363081	XM 00107636	A	CCCTTTTCTCGATTGCAAG	TTCTAGAGGACACAGGGC
Sema4c	XM 237095	301346	XM 001056875	P	GAGCTGCAGGTGTTGACC	ACCACCTCTAGGTGAAGC
Sema4f	NM 019272	29745		P	GGAGAGTGCATCGCCAAC	CAGATCTAAGCCCACCTTG
Pard6a	NM 001003653	307799	XM 226410	A	GAGCAAATTTGACGCCGAG	GAATTGGCTTGCTCTCTGC
Sellh	NM 177933	314352		A	CTCTACGGAAGAGGAGTTC	CTACTGTGGTGGCTGCTG
Daam1	XM 234275	314212	XM 001080564	A	ACATGAGTTGGACCGGATG	CTGTCCGTCACTGGTTG

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Arih1	NM_001013108	300756	XM_217157	U	CAGTTCGCTGCAAGTGTGG	AGCCTTCATGCACATGCTG
Pcdh20	XM_224417	306081	XM_001074783	A	CTGACCGTTTCCACTCAGC	GCTTATGACAGACAGAGCC
Rnf14	NM_020012	56736	Mouse	U	TCTTCCAGCACAGAGCTTG	AGTCGTCGTCGTCGCTTC
Fath	NM_031819	83720	XM_346489	A	GCGGAACCTGAAGACAAGC	TCACACTTCCGTATGCTGC
Sema4a	NM_001012078	310630		P	GTGAAGTCTGGCGTGGAG	CCTGTGGTCTTGGGAAGG
Sema4b	XM_001065984	293042		P	ATCAGTGTGCCCTGGAC	AGGGAACAGGGAGGATCC
Sema4d	XM_225215	306790		P	GTTTGTCTATGCTGGCTCC	GGAGAGCTCGTCGATACG
Sema5a	XM_241275^	310207		P	CCCTGGACACCTGTCAAC	CTGTCTTCAACAGCATCCG
Sema5b	XM_239438	303901		P	TTCGCAAGAGGAGGACG	GGTGGCTCTGTATCAGG
Sema6a	XM_341612	361324		P	TTGTGTGTGTGATCACCGG	CGAAACAGTCACGGCCTG
Sema6b	NM_053471	84609		P	AGCCAAGATCCATACTGCG	CGCCGCTGTTGAATGTGTG
Sema6c	NM_017308	29744		P	AAGGATGGTGATGCAGCGC	CAGGTACAGGAGGTGCCT
Sema6d	XM_230583	311384		P	CGTCAAGGAGTACCAGCAG	GCTTTGGTGGCACATCAGG
Sema7a	XM_243863	315711		P	CAGTGGAGGATACCAGG	CAGCAGCTCCAGTGTG
Plxna2	XM_223080	289392		P	GCTGTGGACATGGACCTG	GATGTTCCACCTTGTAGGC
Plxna3	XM_219723	309280		P	CCGTGTACAAGGGTATTCC	CTCCAGCTTCTGTGCAAGC
Plxna4	NM_175750	243743	Mouse*	P	CTGTGTCTGATAGGACCTG	GATGTCCTCACCTTGAGC
Plxnb1	XM_236640	316009		P	CACTCTGAATGACAACCGC	CTCTGCCAAGACTGAGTTC
Plxnb2	XM_243652	315217		P	ACACCTCAATGACACAGG	CAAGTGTGTTTCAAGGAGTC
Plxnb3	XM_343841	363517		P	GGTCACCTAACCTTGTGTCAG	AAGCCAGCTGCATCTTCTG
Plxnc1	XM_343200	362873		P	ATGTCGGTCTGTCTCTCTG	CTTCCTCCTTGTAGGTTGG
Plxnd1	XM_232283	312652		P	GGTATGGATCACTGAGCG	CTGTACTGCAGCTGGGTC
Llcam	NM_017345	50687		P	CACAATGGAGTGCTCACTG	TAGGGCTACTGCAGGATTG
Punc	XM_236346	315759		P	GTCTTGCACATCAGGAAGG	CAAGGCCTACATCCTGGG
Lin7a	NM_053514	85327		H	CAGCCGCTTACTCTGGAC	ACGCCGAGCTGTCTCAG
Rnf41	NM_001012195	362814		U	AGTGGAGTCTTGGAGGAGC	CTCCACACCATGTGCAAAG
Dab2ip	NM_138710	192126		A	CCAACACCAACCACACCAG	GTGTGAGGGCACTCATGAG
Sdcbp	NM_031986	83841		A	AGGCTCAAAGTGCCTCTTC	CAGGAATGGTGTGATCCATC
Fbl	NM_001025643	292747	XM_214836	A	AGGCAAGAGAGGAAACCAG	CGTGGTCTCGTTCATAAGG
Vsnl1	NM_012686	24877		A	GAAGTCATGGAGGACCTGG	TCTGAATGTCGCACTGCAG
Phyhip1	NM_001012076	309901	XM_574744#	A	GGAGATCAAGAACCTCAGC	GCTGGGGTCTTTCTTTGCG
Cntn2	NM_012884	25356		A	GAGTACCAGAACGGAGACG	ACAGTGTGGACCACCTTG
Lrrc4c	XM_230311	311236	XM_001079006	A	ACCTTACCACAACCCATG	GTTGTGTGGTTGAAGGGAG

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Islr2	NM_177193	320563	Mouse	A	CTGCCTTCAAGCCTGAAG	TGTCTGCCTGTAGTTGCCG
Lrrn6a	XM_001070567	315691		A	CCTGGTCTATCTCCGTTTC	GATGCCTGCGTCCGATTTTC
Usp14	NM_001008301	291796		U	TGTATTTCGCTCTGTGCCTG	AAGCAATGTGCCAGTCTCC
Nedd4l	XM_001064485	291553	XM_214557	U	GAGACCTGACGTCCCTAAAG	CGAAGCCTTGAGCATTCTC
Psen1	NM_019163	29192		L	GAAGACACCAGACTGTAG	CTGCACGAGATAATCCGTG
Psen2	NM_031087	81751		L	CGGTTTCTACACGGAGAAG	CCAACGTGTCCATGAAAGG
Fmr1	NM_052804	24948		L	CGAGAAGATCTGATGGGTC	TCCATTACAGAGTGGTTGC
Aff2	XM_219832^	293922	XM_001054673^	L	CAACCACAGGAATTGGAGG	GCGGACAAGATTGGTCATG
Fxr2h	XM_213335	287433		L	TCCAGACAGCAACCCTTAC	GTTATTTCCCAACTCCCTGG
MGC94941	NM_001004233	296988		U	CAACAGCCACAACATCAGG	TAGCACTTCTCCACTTGCG
Trim9	NM_130420	155812		U	CTCATGGAGTACTGCTTGG	GGCTATGGAAGCTCTGCTG
Ubqln1	NM_053747	114590		U	AGAAACCCAGCGATGATGC	GGGAACCCAGCAACCTTTC
Rnf4	NM_019182	29274		U	ATCCTCAAAGAAAGCGGCG	GGGATGGTACCCTTATGG
Usp47	XM_218997	308896		U	AGTCTCTCTCTCTCACTTC	ACGATGTCCCGTCTTCTGC
Phr1	XM_214245	290447		L	CAAGGAGACACTACGAC	CTGACAGCTGCAAGGTAG
Gem	XM_232788	297902		H	GATGGAGAGAGTGCAACC	CACAGACAGGTCATGGCAG
Rrad	NM_053338	83521		H	CGACTGCAGCTGGAACTC	CATCTTGCGGCTGTGCG
Rem1	NM_001025753^	366232	XM_345457^	H	TTCTGTGGGGAGGGTCTC	TGCGCTGCGTGCTGCAG
Smad1	NM_013130	25671		L	CGCTATGAATGTGACCAGC	TGGAAGGATCGGTGAAACC
Smad2	NM_019191	29357		L	GTGTGTACCATAACCAAGC	ACATGCTTGAGCATCGCAC
Smad3	NM_013095	25631		L	GCAGAACGTGAACCAAG	CTAAGACACGCTGGAACAG
Smad4	NM_019275	50554		L	CAGAGTCTAATGCCACCAG	TCAGTCTAAAGGCTGTGGG
Smad5	NM_021692	59328		L	ACAGCCAAGCAAGTGTGTC	CAGGACTTTATCCAGCCAC
Smad6	XM_345947	367100		L	ACACTGTTGGAGGCTGTAG	GATGAACCTGCGGAGTAG
Madh7	NM_030858	81516		L	GTGCAAAGTGTTCAGGTGG	CTACCGGCTGTTGAAGATG
Smad9	NM_138872	85435		L	AGTGCCTTACCATTCCACG	CTGAGTTAGCACCTTGTCC
Bmpr1a	NM_030849	81507		L	CGTGACTTGGAACAGGATG	CATCTTTGCGAGCGTCTTC
Bmpr1b	NM_00124259^	310914	XM_227759^	L	CTATGGCGAAGTGTGGATG	TGGAGAACAGGAACTGTGG
Bmpr2	XM_217409	140590		L	GGAGATTCTCTGAAGCAG	AGGTACACAGCAGTGCTAG
Acvr1	NM_024486	79558		L	CTTGCGGTTGCTCTCAGG	GGATGGGTTCTGGTACCAG
Acvr2a	NM_031571	29263		L	GTTCTACTCAGGACCCTG	ATCCAGCTGATAACCTGGC
Acvr2b	NM_031554	25366		L	CAGTTGCTGGAGATCAAGG	CAGAGAGACGAGACAGTCC

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Mef2d	NM_030860	81518		L	CCAGGTGACATTCACCAAG	CATGGCTCCTGCACTAGC
Mef2a	NM_013597	17258	Mouse	L	GGCTGCCACCTCAGAAC	AGGGCTTTCTCTGTCCCTC
Cdh2	NM_031333	83501	XM_346508	E	GGTACCATGCTGACCACTC	ACCATACATGTCCGGCCAGC
Celsr1	XM_00178424	300128	XM_235570	E	TTCTCCTGCTGCTGCTTG	TACATTCATGGCCACACCG
Pcdhb22	XM_001065549	307486	XM_226034	E	ACCATCTTCGTCTCAGACC	CTCCTGTAAACACACACCTC
Pcdhb7	XM_001064651	291652	XM_226001	E	CACCATCACAGTCTCAGAC	GTAGTTGTGGGACAAGGTC
Pcdhb3	XM_001064424	291656	XM_226005	E	AGAGAGCAGAGCTGAGTAC	CTCCTGTGACACACACCTC
Ret	NM_012643	24716		E	ACAGCCTCCGCTCTGAAAG	TGAGGGTGAACCATCCAG
Cdh6	NM_012927	25409	XM_346617	E	TCGGTGGATAGACACACAG	GGAGTCTTGTCTACTGTCC
Clstn1	XM_243040	313717		E	AGAACCCAAGATCAGCCTG	CCATTCTAGCTGTCTGTGC
Sema4g	XM_342055	361764		P	GGGACTCACAAAGAGATCC	TGTGTAGCGTACATTGCGC
Enah	NM_001012150	360891	XM_573530#	A	TGGCGGGATGCTAGACAG	TGCTGTTGGTGACGGAGG
Fxr1h	NM_001012179	361927		L	GTCCAGAAATGAAGAGGCC	GCTACGATTGCGTCGCTG
Ube2d3	NM_031237	81920		U	AGACTATGGCGCTGAAACG	AGCATCACATGGCATACTTC
Anapc5	XM_213783	288671		U	CTGGGAATACAGTCCCTTG	CTGGAAGTACGACACATCC
Fsmc6	XM_214147	289990		U	GTTGGACAGATTGTAGGCG	CATACCTGCTTCAGTACAAAC
Ube2i	NM_013050	25573		U	CTTGCGCAGGAGAGGAAAG	CAATCCCTTCCTCGTCATG
RGD1309823	XM_001067111	313525	XM_233423	U	AGAAAGCAGCAAGCCAGC	CAGTTGTACGCAGCATAGC
Fbxl10	XM_222177	304495		U	CAGCCTATCAAGTCAGAGC	AGCCTTCCTTGGTGAATTG
Cdh8	XM_053393	84408		E	TGGATTCAACCGCCAGAAG	GTAGAGTTGCCCCAGTCTC
Pcdhb9	XM_226046	307490		E	CACCATCTCAGTCTCAGAC	GTAACCTTGGGACAGGGTC
Cdh11	XM_341639	84407		E	GATCGTCATACTGACCTCG	GATAGTCGTAGTCCAGGTC
Cdh13	NM_138889	192248		E	ACAGCCACCATTGTGATCG	GGAGTCTTGCAAGAGCAC
Pcdh18	XM_227117	295027		E	GCAGAATCCACTTACCAGC	GTTGATCTCAGCTACCAGC
Pcdhb15	XM_001065137	291646	XM_226041	E	CATCACAGTACCAGCATG	CACTGGTTATCCCTGATCC
Cdh9	XM_226861	29163		E	TCTGTTGACCGGCATACAG	AGGAGCTGAGAGAATTGGC
Cdh10	XM_342202	29181		E	CTACTTCCAGTCCCATCAG	CACCACCGTACATTTCTGC
Dtx3	NM_030714	80904	Mouse	U	GTGACTGTCTCCAAGCCTG	GTGATGACATTGGGTCTCC
LOC361943	XM_342242	361943		A	GAACCTATTCCGACTGGAC	CTCGGTGTCTGGACAGAG
Pcdhb20	XM_226036	291642		A	TCACTGTCTCAGATCTGGG	CGTTTGTCCCAGTACTTCC
Pcdhal1	NM_199486	394223		A	TGGCTGTCTTATGAGCTCC	TCACTGGTCACTGTTGTCC
Dicer1	XM_001069041	299284	XM_216776	L	CTTAACCAAGCTGTGGTGAG	TGCAGCAGACTTTGCGATC
Fosb	NM_001013146	308411	XM_218419#	H	CTTCGTGCCAACGGTCAC	CTGGCAAATCTCTCACCTC
Fosl1	NM_012953	25445		H	GGGCATGTACCGAGACTTC	TCACAAAGCCAGGAGTGTG
Fosl2	NM_012954	25446		H	CAGCAGAAGTCCGGGTAG	CTACTGCTTCTGCGGTGAG

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Srf	NM_020493	20807	Mouse	L	GACACAGGTGCTGTTGCTG	CATCCAGGTTACCACCTG
Cask	NM_022184	29647		L	GCACCTCAGTCTTCGTCATG	CTAATAGACCCAGGAGACC
Apbal	NM_031779	83589		L	GAAGAAGGCTCCTGAAGGC	GTCAGCAGTCTGTACATGG
LOC311078	XM_001054967^	311078	XM_229981^	L	TGCAGATCGTTACCTCCTC	GGAAGGACTTGCCTTGCAC
Tspyl2	XM_217607	302612		L	CAGACATATCTCCATGGGC	ACCACAAAGGCGAAGCTGC
Prkcz	NM_022507	25522		L	TGGAAGCTATGCCAAGGTC	CCTCAGCAGACAGCAGAAG
Pard3	NM_031235	81918		L	GACCGAGAGAAGGAGAAGG	GTGTCTGCAGTCTGTTTCAG
Ptprd	NM_019140	25529		L	GGACACGTGACACTCATGC	GCTGCCCAGGTATTCCAAC
Ptprf	NM_019249	360406		P	GCACGAGAAGACAGTGCAC	AGCTGCCGAGGTATTCCAG
Crebbp	NM_133381	54244		L	CTTCTCCGCGAATGACAGC	GGCACAGTGGTGACTGAAG
Alk	XM_001067235	266802	XM_233867	L	GGACATTGCCTGTGGCTG	TCCTTCATGGTGGCGCTG
Ltk	XM_230479	311337		L	GAGCTTGAGCTGAGTAAGC	CAGCTGAGAGCCAAGAAGG
Rosl	NM_012874	25346		L	GAAGGAGGCACACCTGATG	GTGAGCAAGACAGGCATAG
Ryk	NM_080402	140585		L	CCAGTATCTGAGAGCTGAC	CTGGACCAGCTGCTGAAAC
Ror1	NM_013845	26563	Mouse	L	GTCAGCCATACCGAGGCATTG	TCATCCAAGGTAAGCACCAG
Ror2	XM_225181	306782		L	GAGTTCCTGTCCAGCCAC	GTTACCTGGAGCGTGTGTC
Ephb1	XM_217250	24338		L	CAGCGTCGGGATTTTCTG	CATCGAGTGGATGCTGCTAAG
Ephb2	XM_233574	313633		L	GCCAAGGAAATCGACATCTCC	CATCACCTGGATACTGTTTCAG
Ephb3	XM_221311	287989		L	GGCATGAAGTACTTGTCTGAG	CATGTCTGGATACTGCTGAG
Efnb1	NM_017089	25186		L	CCTGAGCAGTTGACTACC	GCTCTGAGGTGGCATCTC
Efnb2	XM_225050	306636		L	GCAAGTCTGCTGGATCAACC	CTGTGGGGGCATCTCCTG
Efnb3	XM_340824	360546		L	GAAGGCCTGGAGAGCTTG	GCCATCCTGCACAATGTACAC
Nov	NM_030868	81526		D	GTCTTCCTGCGAAAGCAATGC	CTCCTCTGCTCGTCTTCAG
Sncb	NM_080777*	113893		D	CTGTCCATGCCAAGGAG	GGGACAGGAAGGAATTTG
Napb	NM_019632	17957	Mouse*	D	GTCCAGCTTATGGCGGAG	TCCATCCCCTTGAATGGAC
Npy2r	NM_023968	66024		D	AGGCAGATGAGAATCAAACCTG	GAGGCCATTGTTCTTTTTCAG
Itpr2	NM_031046	81678		D	GTTTGCATGCTTGGCTCTTC	GTGGCATGTGATGGTTCTC
Lin7b	NM_021758	60377		D	GGGTGTGGAGCTGCTAG	ACGAGTAGCTGTGGTGCTG
Ptk2b	NM_017318	50646		D	AACATCCTGGTGGCTCTC	GATTAGCCACACCTTGGC

CGTAATACGACTCACTATAGGGAGA T7 promoter sequence is appended to the 5' end of both the 5' and 3' T7 primers  
Mouse = The primers for PCR were designed using mouse cDNA. The PCR was carried out using single-stranded rat DNA template.  
Mouse\* = Mouse cDNA was used to blast the rat genome and PCR primers were designed from the corresponding rat sequence.  
\* = exact primer sequence is no longer in record due to updates that changed sequence by a few nucleotides  
# = primer sequences can be found in this record but not in the new record  
^ = sequence files have been updated such that they are missing region/s that contain sequence that was used to design primers

Categories:

A = gene is regulated by activity (source: activity regulated gene array)  
U = ubiquitination family member regulated by activity (source: activity regulated gene array)  
E = gene is an adhesion molecule expressed in our culture system (source: activity regulated gene array)  
H = gene is a homolog of another gene on the list (source: literature)  
L = gene of interest (source: literature)  
P = neuronal pathfinding gene (source: literature)  
D = gene is regulated over the time course of synapse formation in hippocampal tissue (source:hippocampal tissue array)