Table S1. Leading edge genes of gene sets associated with amyloid vulnerability

GENE	RANK IN GENE LIST	SPATIAL CORRELATION	CLUSTER	N GENE SETS
RPS27A	19616	-0.35	A1	13
RPS28	20710	-0.59	A1	12
RPS25	20530	-0.48	A1	12
RPS15A	20195	-0.41	A1	12
RPS12	20072	-0.40	A1	12
RPS23	19964	-0.38	A1	12
RPS14	19286	-0.33	A1	12
RPS27	19197	-0.32	A1	12
RPS29	18752	-0.30	A1	12
RPS9	18476	-0.28	A1	12
RPS8	18394	-0.28	A1	12
RPS7	17769	-0.25	A1	12
RPS6	17108	-0.22	A1	12
RPS17	16808	-0.21	A1	12
RPS4Y1	16414	-0.19	A1	12
RPS10	16161	-0.19	A1	12
RPSA	16811	-0.21	A1	11
RPS5	15751	-0.17	A1	11
RPS21	15593	-0.17	A1	11
RPL23A	20638	-0.52	A1	10
RPLP2	20561	-0.49	A1	10
RPL4	20427	-0.45	A1	10
RPL11	20064	-0.40	A1	10
RPL3	20031	-0.39	A1	10
RPL26	19699	-0.36	A1	10
RPLP1	19590	-0.35	A1	10
RPL27A	19298	-0.33	A1	10
RPL30	19284	-0.33	A1	10
RPL9	19099	-0.31	A1	10

RPL13A	19087	-0.31 A1	10
RPL24	18981	-0.31 A1	10
RPL31	18883	-0.30 A1	10
RPL7	18881	-0.30 A1	10
RPL22	18683	-0.29 A1	10
RPL3L	18607	-0.29 A1	10
RPL21	18589	-0.29 A1	10
RPL37	18464	-0.28 A1	10
RPL15	18206	-0.27 A1	10
RPL34	17897	-0.25 A1	10
RPL5	17843	-0.25 A1	10
RPL14	17736	-0.25 A1	10
RPL27	16206	-0.19 A1	10
RPL26L1	20304	-0.43 A1	9
LOC653881	19457	-0.34 A1	9
RPL36A	18770	-0.30 A1	9
RPL10A	18405	-0.28 A1	9
RPL23	16422	-0.20 A1	9
RPL32	16125	-0.19 A1	9
RPL37A	15678	-0.17 A1	8
RPS19	15198	-0.16 A1	6
RPS20	15184	-0.16 A1	6
EIF4E	18775	-0.30 A1	5
EIF4A1	17281	-0.23 A1	5
EIF4B	16322	-0.19 A1	5
EIF3H	20598	-0.51 A1	4
PSMA3	20519	-0.47 A1	4
PSMD6	20271	-0.42 A1	4
PSMD14	19875	-0.37 A1	4
PSMA4	19747	-0.36 A1	4
PSMA7	19573	-0.35 A1	4
PSMB8	19494	-0.34 A1	4
PSMA2	19163	-0.32 A1	4

EIF3E	18938	-0.31 A1	4
PSMC6	18751	-0.30 A1	4
PSMD10	18674	-0.29 A1	4
ETF1	18456	-0.28 A1	4
PSMD1	18428	-0.28 A1	4
PSMD5	18353	-0.28 A1	4
EIF3I	18203	-0.27 A1	4
PSMA5	17939	-0.26 A1	4
PSMB9	17935	-0.26 A1	4
PSMC5	17284	-0.23 A1	4
PSMD4	16801	-0.21 A1	4
EIF2S1	16762	-0.21 A1	4
PSMD2	16724	-0.21 A1	4
PSMD7	16509	-0.20 A1	4
EIF3F	16474	-0.20 A1	4
SEC61B	16201	-0.19 A1	4
EIF2S2	15834	-0.18 A1	4
EIF3D	15541	-0.17 A1	4
UPF3B	20570	-0.49 A1	3
SMG6	19226	-0.32 A1	3
NCBP2	19134	-0.32 A1	3
RNPS1	18766	-0.30 A1	3
UPF3A	18614	-0.29 A1	3
CALR	17948	-0.26 A1	3
SMG1	17899	-0.25 A1	3
EIF4H	17832	-0.25 A1	3
HSPA1B	17287	-0.23 A1	3
CASC3	16291	-0.19 A1	3
B2M	20721	-0.61 A1	2
ANP32A	20644	-0.52 A1	2
HLA-A	20637	-0.52 A1	2
HLA-K	20623	-0.52 A1	2
HLA-F	20615	-0.51 A1	2

SRP72	20575	-0.50 A1	2
HLA-C	20544	-0.48 A1	2
ZFP36	20448	-0.46 A1	2
HLA-B	20359	-0.44 A1	2
TNPO1	20131	-0.40 A1	2
EEF1A1	20074	-0.40 A1	2
NUP205	19946	-0.38 A1	2
SRP9	19497	-0.34 A1	2
SEC11C	19315	-0.33 A1	2
NUPL2	19273	-0.33 A1	2
TAP2	19252	-0.33 A1	2
TNFSF13	19235	-0.32 A1	2
NUPL1	19206	-0.32 A1	2
LSM6	18948	-0.31 A1	2
CNOT7	18912	-0.30 A1	2
POLR2F	18583	-0.29 A1	2
HNRNPD	18554	-0.29 A1	2
NUP37	18527	-0.28 A1	2
TRAM1	18355	-0.28 A1	2
PRKCA	17905	-0.25 A1	2
CNOT4	17850	-0.25 A1	2
ELAVL1	17386	-0.23 A1	2
EEF2	17350	-0.23 A1	2
DNAJC3	17224	-0.23 A1	2
GTF2F1	17144	-0.22 A1	2
SRPRB	16633	-0.20 A1	2
SRP14	16558	-0.20 A1	2
MAPKAPK2	16445	-0.20 A1	2
TPR	16268	-0.19 A1	2
PDIA3	16194	-0.19 A1	2
NUP107	16072	-0.18 A1	2
LSM4	16031	-0.18 A1	2
LSM1	15735	-0.17 A1	2

AKT1	15615	-0.17 A1	2
RPN2	15167	-0.16 A1	2
SEC61G	15149	-0.16 A1	2
RAN	20488	-0.47 A1	1
SNRPG	20010	-0.39 A1	1
LOC647030	19722	-0.36 A1	1
EEF1B2	18930	-0.30 A1	1
EIF5B	18925	-0.30 A1	1
SNRPF	18890	-0.30 A1	1
GEMIN5	18616	-0.29 A1	1
ITGB5	17987	-0.26 A1	1
ITGAV	17789	-0.25 A1	1
FCGR1B	17667	-0.24 A1	1
GEMIN7	17590	-0.24 A1	1
TGS1	17146	-0.22 A1	1
EEF1G	17082	-0.22 A1	1
FCGR1A	16787	-0.21 A1	1
MRPL52	16440	-0.20 A1	1
NCF2	16304	-0.19 A1	1
SNRPD2P1	15873	-0.18 A1	1
PRMT5	15774	-0.17 A1	1
MRPS24	15587	-0.17 A1	1
WDR77	15525	-0.17 A1	1
NCBP1	15419	-0.16 A1	1
RPL29	14839	-0.15 A1	1
RPL18	14713	-0.14 A1	1
MRPL51	14645	-0.14 A1	1
NDUFA7	20614	-0.51 A2	3
NDUFA4	20528	-0.48 A2	3
NDUFB6	20042	-0.39 A2	3
SDHD	19965	-0.38 A2	3
UQCRQ	19919	-0.38 A2	3
COX6C	19767	-0.36 A2	3

NDUFB9	19627	-0.35 A2	3
CYCS	19401	-0.34 A2	3
NDUFA12	19208	-0.32 A2	3
NDUFA1	18817	-0.30 A2	3
SDHC	18729	-0.29 A2	3
NDUFC1	18728	-0.29 A2	3
UQCR11	18715	-0.29 A2	3
NDUFB4	18602	-0.29 A2	3
COX6A1	18016	-0.26 A2	3
NDUFB3	17759	-0.25 A2	3
UQCRBP1	17722	-0.25 A2	3
COX7C	17592	-0.24 A2	3
UQCRB	17244	-0.23 A2	3
UQCRFS1	17226	-0.23 A2	3
COX7A2L	17161	-0.22 A2	3
NDUFA8	17145	-0.22 A2	3
NDUFA2	16956	-0.21 A2	3
NDUFA3	16797	-0.21 A2	3
COX7B	16126	-0.19 A2	3
COX5A	15926	-0.18 A2	3
NDUFA6	15829	-0.18 A2	3
DLAT	15756	-0.17 A2	3
COX5B	15726	-0.17 A2	3
COX4I1	15488	-0.17 A2	3
ATP5C1	20667	-0.54 A2	2
ATP5H	20366	-0.44 A2	2
ATP5F1	19867	-0.37 A2	2
ATP5L	19201	-0.32 A2	2
ATP5E	18330	-0.27 A2	2
ATP5I	17316	-0.23 A2	2
ATP5G1	16763	-0.21 A2	2
ATP5B	16170	-0.19 A2	2
UCP2	15954	-0.18 A2	2

ATP5O	15553	-0.17 A2		2
ETFA	20370	-0.44 A2		1
IDH1	20305	-0.43 A2		1
LDHB	19566	-0.35 A2		1
SUCLA2	19556	-0.35 A2		1
OGDH	18947	-0.31 A2		1
PDHX	18873	-0.30 A2		1
ADHFE1	18426	-0.28 A2		1
SLC16A8	17326	-0.23 A2		1
SUCLG1	16106	-0.19 A2		1
MDH2	16073	-0.18 A2		1
TPM1	20724	-0.61 "SMOOTH MUSCLE CONTRACTION"		1
LMOD1	20628	-0.52 "SMOOTH MUSCLE CONTRACTION"		1
TPM2	20019	-0.39 "SMOOTH MUSCLE CONTRACTION"		1
ITGA1	19114	-0.31 "SMOOTH MUSCLE CONTRACTION"		1
SORBS1	18524	-0.28 "SMOOTH MUSCLE CONTRACTION"		1
MYL12B	18278	-0.27 "SMOOTH MUSCLE CONTRACTION"		1
ITGB5	17987	-0.26 "SMOOTH MUSCLE CONTRACTION"		1
SORBS3	17725	-0.25 "SMOOTH MUSCLE CONTRACTION"		1
MYLK	17550	-0.24 "SMOOTH MUSCLE CONTRACTION"		1
MYL6	17002	-0.22 "SMOOTH MUSCLE CONTRACTION"		1
TPM3	16844	-0.21 "SMOOTH MUSCLE CONTRACTION"		1
ACTA2	16398	-0.19 "SMOOTH MUSCLE CONTRACTION"		1
CALM1	16366	-0.19 "SMOOTH MUSCLE CONTRACTION"		1
MYL9	15107	-0.16 "SMOOTH MUSCLE CONTRACTION"		1
MYH11	14838	-0.15 "SMOOTH MUSCLE CONTRACTION"		1
OR5K1	7	0.61 "OLFACTORY SIGNALING PATHWAY"		1
OR10X1	66	0.51 "OLFACTORY SIGNALING PATHWAY"		1
GNB1	92	0.49 "OLFACTORY SIGNALING PATHWAY"		1
OR1L8	110	0.48 "OLFACTORY SIGNALING PATHWAY"		1
OR5D13	197	0.44 "OLFACTORY SIGNALING PATHWAY"		1
OR5P2	202	0.44 "OLFACTORY SIGNALING PATHWAY"		1
OR2G3	241	0.43 "OLFACTORY SIGNALING PATHWAY"		1

OR5AR1	251	0.43 "OLFACTORY SIGNALING PATHWAY"	1
OR52M1	266	0.42 "OLFACTORY SIGNALING PATHWAY"	1
OR1L1	269	0.42 "OLFACTORY SIGNALING PATHWAY"	1
OR51E1	297	0.41 "OLFACTORY SIGNALING PATHWAY"	1
OR10G7	464	0.38 "OLFACTORY SIGNALING PATHWAY"	1
OR1Q1	541	0.37 "OLFACTORY SIGNALING PATHWAY"	1
OR6B2	585	0.36 "OLFACTORY SIGNALING PATHWAY"	1
OR52B4	600	0.36 "OLFACTORY SIGNALING PATHWAY"	1
OR2D3	635	0.35 "OLFACTORY SIGNALING PATHWAY"	1
OR5AN1	678	0.35 "OLFACTORY SIGNALING PATHWAY"	1
OR51I2	706	0.34 "OLFACTORY SIGNALING PATHWAY"	1
OR4L1	769	0.34 "OLFACTORY SIGNALING PATHWAY"	1
OR2T27	789	0.33 "OLFACTORY SIGNALING PATHWAY"	1
OR5M3	929	0.32 "OLFACTORY SIGNALING PATHWAY"	1
OR2A5	943	0.32 "OLFACTORY SIGNALING PATHWAY"	1
OR1D4	952	0.32 "OLFACTORY SIGNALING PATHWAY"	1
OR5B12	954	0.32 "OLFACTORY SIGNALING PATHWAY"	1
OR4M2	1008	0.31 "OLFACTORY SIGNALING PATHWAY"	1
OR51L1	1011	0.31 "OLFACTORY SIGNALING PATHWAY"	1
OR5R1	1044	0.31 "OLFACTORY SIGNALING PATHWAY"	1
OR4S1	1127	0.30 "OLFACTORY SIGNALING PATHWAY"	1
OR6N2	1129	0.30 "OLFACTORY SIGNALING PATHWAY"	1
OR2K2	1152	0.30 "OLFACTORY SIGNALING PATHWAY"	1
OR4C16	1165	0.30 "OLFACTORY SIGNALING PATHWAY"	1
OR10Q1	1176	0.30 "OLFACTORY SIGNALING PATHWAY"	1
OR4K1	1193	0.30 "OLFACTORY SIGNALING PATHWAY"	1
OR10A3	1228	0.30 "OLFACTORY SIGNALING PATHWAY"	1
OR4A16	1233	0.30 "OLFACTORY SIGNALING PATHWAY"	1
OR6K6	1322	0.29 "OLFACTORY SIGNALING PATHWAY"	1
OR51D1	1333	0.29 "OLFACTORY SIGNALING PATHWAY"	1
OR1M1	1382	0.28 "OLFACTORY SIGNALING PATHWAY"	1
OR10A4	1383	0.28 "OLFACTORY SIGNALING PATHWAY"	1
OR10G4	1389	0.28 "OLFACTORY SIGNALING PATHWAY"	1

OR4D9	1397	0.28	"OLFACTORY SIGNALING PATHWAY"	1
OR52N4	1399	0.28	"OLFACTORY SIGNALING PATHWAY"	1
OR4F5	1419	0.28	"OLFACTORY SIGNALING PATHWAY"	1
OR52D1	1459	0.28	"OLFACTORY SIGNALING PATHWAY"	1
OR4X1	1469	0.28	"OLFACTORY SIGNALING PATHWAY"	1
OR56B1	1500	0.28	"OLFACTORY SIGNALING PATHWAY"	1
OR51V1	1540	0.27	"OLFACTORY SIGNALING PATHWAY"	1
OR2J3	1554	0.27	"OLFACTORY SIGNALING PATHWAY"	1
OR5L1	1563	0.27	"OLFACTORY SIGNALING PATHWAY"	1
OR5J2	1606	0.27	"OLFACTORY SIGNALING PATHWAY"	1
OR52E4	1623	0.27	"OLFACTORY SIGNALING PATHWAY"	1
OR52K1	1642	0.27	"OLFACTORY SIGNALING PATHWAY"	1
OR4S2	1645	0.27	"OLFACTORY SIGNALING PATHWAY"	1
OR2T2	1701	0.26	"OLFACTORY SIGNALING PATHWAY"	1
OR5K2	1744	0.26	"OLFACTORY SIGNALING PATHWAY"	1
OR51B6	1757	0.26	"OLFACTORY SIGNALING PATHWAY"	1
OR2T11	1806	0.26	"OLFACTORY SIGNALING PATHWAY"	1
OR1I1	1850	0.25	"OLFACTORY SIGNALING PATHWAY"	1
OR2A25	1854	0.25	"OLFACTORY SIGNALING PATHWAY"	1
OR6C1	1881	0.25	"OLFACTORY SIGNALING PATHWAY"	1
OR2T5	1904	0.25	"OLFACTORY SIGNALING PATHWAY"	1
OR56B4	1970	0.25	"OLFACTORY SIGNALING PATHWAY"	1
OR2C3	2013	0.24	"OLFACTORY SIGNALING PATHWAY"	1
OR7G3	2043	0.24	"OLFACTORY SIGNALING PATHWAY"	1
OR51A2	2046	0.24	"OLFACTORY SIGNALING PATHWAY"	1
OR6X1	2063	0.24	"OLFACTORY SIGNALING PATHWAY"	1
OR8J3	2068	0.24	"OLFACTORY SIGNALING PATHWAY"	1
OR9Q1	2077	0.24	"OLFACTORY SIGNALING PATHWAY"	1
OR10S1	2177	0.23	"OLFACTORY SIGNALING PATHWAY"	1
OR56A4	2186	0.23	"OLFACTORY SIGNALING PATHWAY"	1
GNGT1	2190	0.23	"OLFACTORY SIGNALING PATHWAY"	1
OR2S2	2228	0.23	"OLFACTORY SIGNALING PATHWAY"	1
OR5D18	2257	0.23	"OLFACTORY SIGNALING PATHWAY"	1

OR51B2	2321	0.23 "OLFACTORY SIGNALING PATHWAY"	1
OR1N1	2335	0.23 "OLFACTORY SIGNALING PATHWAY"	1
OR4F15	2345	0.23 "OLFACTORY SIGNALING PATHWAY"	1
OR10AG1	2350	0.23 "OLFACTORY SIGNALING PATHWAY"	1
OR2AE1	2422	0.22 "OLFACTORY SIGNALING PATHWAY"	1
OR5B2	2525	0.22 "OLFACTORY SIGNALING PATHWAY"	1
OR8K1	2551	0.21 "OLFACTORY SIGNALING PATHWAY"	1
OR52E2	2588	0.21 "OLFACTORY SIGNALING PATHWAY"	1
OR4C12	2656	0.21 "OLFACTORY SIGNALING PATHWAY"	1
OR4K14	2657	0.21 "OLFACTORY SIGNALING PATHWAY"	1
OR1L3	2660	0.21 "OLFACTORY SIGNALING PATHWAY"	1
OR7C1	2667	0.21 "OLFACTORY SIGNALING PATHWAY"	1
OR9I1	2731	0.21 "OLFACTORY SIGNALING PATHWAY"	1
OR7D4	2795	0.20 "OLFACTORY SIGNALING PATHWAY"	1
OR51I1	2802	0.20 "OLFACTORY SIGNALING PATHWAY"	1
OR2T4	2893	0.20 "OLFACTORY SIGNALING PATHWAY"	1
OR4X2	2898	0.20 "OLFACTORY SIGNALING PATHWAY"	1
OR2V2	2966	0.20 "OLFACTORY SIGNALING PATHWAY"	1
OR9Q2	2994	0.19 "OLFACTORY SIGNALING PATHWAY"	1
OR52J3	3016	0.19 "OLFACTORY SIGNALING PATHWAY"	1
OR4E2	3032	0.19 "OLFACTORY SIGNALING PATHWAY"	1
OR4B1	3040	0.19 "OLFACTORY SIGNALING PATHWAY"	1
OR8I2	3046	0.19 "OLFACTORY SIGNALING PATHWAY"	1
OR4D1	3066	0.19 "OLFACTORY SIGNALING PATHWAY"	1
OR9K2	3145	0.19 "OLFACTORY SIGNALING PATHWAY"	1
OR5AU1	3154	0.19 "OLFACTORY SIGNALING PATHWAY"	1
OR6F1	3168	0.19 "OLFACTORY SIGNALING PATHWAY"	1
OR14C36	3204	0.18 "OLFACTORY SIGNALING PATHWAY"	1
OR5W2	3281	0.18 "OLFACTORY SIGNALING PATHWAY"	1
OR1J2	3300	0.18 "OLFACTORY SIGNALING PATHWAY"	1
OR52N5	3322	0.18 "OLFACTORY SIGNALING PATHWAY"	1
OR1L4	3373	0.18 "OLFACTORY SIGNALING PATHWAY"	1
OR5AS1	3379	0.18 "OLFACTORY SIGNALING PATHWAY"	1

OR10A7	3388	0.18	"OLFACTORY SIGNALING PATHWAY"	1
OR10G9	3456	0.17	"OLFACTORY SIGNALING PATHWAY"	1
OR11G2	3498	0.17	"OLFACTORY SIGNALING PATHWAY"	1
OR6K3	3630	0.17	"OLFACTORY SIGNALING PATHWAY"	1
OR4C6	3631	0.17	"OLFACTORY SIGNALING PATHWAY"	1
OR56A3	3667	0.17	"OLFACTORY SIGNALING PATHWAY"	1
OR9G4	3711	0.16	"OLFACTORY SIGNALING PATHWAY"	1
OR8B12	3725	0.16	"OLFACTORY SIGNALING PATHWAY"	1
OR52I1	3773	0.16	"OLFACTORY SIGNALING PATHWAY"	1
OR5B3	3794	0.16	"OLFACTORY SIGNALING PATHWAY"	1
OR5AK2	3814	0.16	"OLFACTORY SIGNALING PATHWAY"	1
OR4N5	3848	0.16	"OLFACTORY SIGNALING PATHWAY"	1
OR10Z1	4000	0.15	"OLFACTORY SIGNALING PATHWAY"	1
OR4F3	4009	0.15	"OLFACTORY SIGNALING PATHWAY"	1
OR5A2	4070	0.15	"OLFACTORY SIGNALING PATHWAY"	1
OR4K13	4178	0.15	"OLFACTORY SIGNALING PATHWAY"	1
OR2T34	4184	0.15	"OLFACTORY SIGNALING PATHWAY"	1
OR8D2	4237	0.14	"OLFACTORY SIGNALING PATHWAY"	1
OR1A1	4244	0.14	"OLFACTORY SIGNALING PATHWAY"	1