

Supplementary Table 1. List of 257 putative positive regulators of TLR7 signaling. Known TLR pathways genes and *Trem14* shaded.

Gene	Accession #	TRC name	shRNA sequence	LFC	P-value
Ncoa1	NM_010881	TRCN0000095571	CGCCGAAATAGCCATACATTT	4.31	0.037
Myd88	NM_010851	TRCN0000077234	GCCAGCGAGCTAATTGAGAAA	4.16	0.047
Mthfd2	NM_008638	TRCN0000041814	CACTCCTATGTTCTCAACAAA	4.16	0.015
Plaur	NM_011113	TRCN0000088821	CTTCGGGAATGGCAAGATGAT	4.14	0.006
Trpv4	NM_022017	TRCN0000068621	CCTGGAGACAGTTCTCAACAA	4.04	0.043
Pak7	NM_172858	TRCN0000025172	CCTGCAAACCAGTTCTCAGTA	3.90	0.026
Trim52	NM_198601	TRCN0000040822	GCCAGATTTGCCATACTCCAT	3.55	0.010
Oplah	NM_153122	TRCN0000098846	GTCCTGTGCAAGTCATAATT	3.53	0.025
Dad1	NM_010015	TRCN0000093703	GCAGCTTCATCCTAGCGGTTT	3.51	0.030
Gria3	NM_016886	TRCN0000102933	CCTGGAGTCAAGGAATTGATA	3.43	0.025
Trem14	NM_172623	TRCN0000100963	AGAAGTAACTGTTCTCAGAAA	3.42	0.012
Pbk	NM_023209	TRCN0000026752	GTCAGCGTTTACCTAATGAAA	3.41	0.006
Bsg	NM_009768	TRCN0000054861	GCAATCACCAATAGCACTGAA	3.38	0.006
Fcer1g	NM_010185	TRCN0000067589	CAGCTCTGCTATATCCTGGAT	3.36	0.0001
Dsg3	NM_030596	TRCN0000094964	CCAAGCATCTTCACATTCTA	3.35	0.020
Nek10	XM_138906	TRCN0000027634	GCAACCCATGTAACCTGAAAT	3.25	0.036
Pkia	NM_008862	TRCN0000012467	GAACAGGTAGAAGAAATGCAA	3.24	0.038
Foxq1	NM_008239	TRCN0000081535	CATCGACAGCATTCTCAGCAA	3.23	0.027
Ren2	NM_031193	TRCN0000030481	CCAGACCTCAAAGTCATGTT	3.21	0.016
Grhl3	NM_001013756	TRCN0000103549	CCAGAAGTTTCCCTACAGTAA	3.19	0.002
V2r16	NM_009491	TRCN0000104889	GCAGCAGTTGAGGGACCTACT	3.18	0.004
Zic5	NM_022987	TRCN0000095154	CCATGTCTAACCTGAAACAA	3.15	0.003
Sbk1	NM_145587	TRCN0000088466	CGATGTTACCAAGCACTATGA	3.14	0.022
Pdgrfb	NM_008809	TRCN0000078768	CCATGCTTAATGAATGCTGTT	3.13	0.001
Pik3r1	NM_011085	TRCN0000068193	CGAAGCATTTAATGAAACCAT	3.13	0.009
Bid	NM_007544	TRCN0000009704	CCACACGACTGTCAACTTTAT	3.07	0.014
Zfp46	NM_009557	TRCN0000084586	GCATCCGCTACCACATTGTT	3.06	0.025
LincR	NM_153408	TRCN0000040863	CCAGAGTCTGAAGTCATATCA	3.06	0.049
Sap30	NM_021788	TRCN0000095845	CCAGGTCTAAATAAAGCACAA	3.03	0.036
Tlr7	NM_133211	TRCN0000065987	CCTCTTCAGAAGTCTAAGTTT	2.99	0.011
Nfe2l2	NM_010902	TRCN0000054661	GAAGGCACAATGGAATTCAAT	2.99	0.052
Myd88	NM_010851	TRCN0000077236	GCGACTGATTCCCTATTAATA	2.99	0.036
Tcf2	NM_009330	TRCN0000055295	GCTACAGAACTCCCACATGTA	2.99	0.049
Melk	NM_010790	TRCN0000024068	GCAGCTCCTGAACATAACAA	2.99	0.005
Sp9	NM_001005343	TRCN0000096400	CCCTGTGTGCAACAAGCGTTT	2.98	0.002
Itgb3	NM_016780	TRCN0000009620	GTCATCTGGAAGCTACTCAT	2.97	0.017
Myd88	NM_010851	TRCN0000077235	CCTTGTTAGACCGTGAGGATA	2.94	0.031
Lgals9	NM_010708	TRCN0000066441	GATGGTGAACAAGAAATTCTT	2.93	0.025
Hadha	NM_178878	TRCN0000041348	GCTGACCAGAACCCATATTAA	2.88	0.034
Slc5a9	NM_145551	TRCN0000079211	CGTCGGAATACTGCGTATGAT	2.88	0.007
Dll1	NM_007865	TRCN0000028865	CGCGAGAAGGACGTTTCTGTT	2.86	0.003
Kdelr2	NM_025841	TRCN0000093587	GACCATTCTCTACTGCGACTT	2.85	0.016
Tollip	NM_023764	TRCN0000066135	CCTCGCTGGAACAAAGTCATT	2.85	0.022
Fcgr3	NM_010188	TRCN0000067729	CACTGCTTTCTCCCTAGTGAT	2.83	0.006
Bat2	NM_020027	TRCN0000099503	GCCTCCAAGTAAAGAACCTTT	2.82	0.005
Cpne3	NM_027769	TRCN0000077140	GCAGACAGCTTCTCAATACTT	2.80	0.010

Tnfsf7	NM_011617	TRCN0000066683	CATCTGCGTATCCATCAAGAT	2.80	0.007
Cdc6	NM_011799	TRCN0000088451	CGTAGACCAGTCTGAGTGTTT	2.80	0.028
St8sia3	NM_009182	TRCN0000093995	GCCCATTATGAATAAGCGTTA	2.77	0.021
Rpl22	NM_009079	TRCN0000104276	GCTGCGTACTTCCAGATTAA	2.74	0.003
Pthr2	NM_139270	TRCN0000027963	GCTAACTATTCAGACTGCTTT	2.74	0.004
Zbtb24	NM_153398	TRCN0000095541	CCAGTGCATGTCATCACACTT	2.73	0.039
Gosr1	NM_016810	TRCN0000100756	GCAGGATTATACACACGAATT	2.71	0.021
Adamts10	NM_172619	TRCN0000032245	CCCATGTAGTATACAAGCGTT	2.70	0.003
Pmfl	NM_025928	TRCN0000096617	GACGCAGAGGATCTATGACAA	2.70	0.034
Il6ra	NM_010559	TRCN0000068293	CGAAGCGTTTCACAGCTTAAA	2.69	0.007
Nsun6	NM_028950	TRCN0000097438	CCTGACATTGGAGCAATTGAA	2.69	0.023
Cst11	XM_283777	TRCN0000092198	CCAGTGTACTTCTCAGTGTA	2.68	0.035
Cugbp1	NM_198683	TRCN0000098512	CCCAGTACTTAGCACTTTATT	2.68	0.010
Usp1	NM_146144	TRCN0000030770	AGAGCCTTAGACTTTACTGAT	2.68	0.040
Chst11	NM_021439	TRCN0000103334	CCACGAACTCATCTACTGCTA	2.67	0.001
Tbx15	NM_011534	TRCN0000084360	CGCGTCTCAAAGCACTTTACT	2.67	0.021
Klf2	NM_008452	TRCN0000081903	GCAAACAGACTGCTATTTATT	2.67	0.038
Rpl14	NM_025974	TRCN0000054835	GATGACAGACTTTGATCGTTT	2.66	0.025
Usp12	NM_011669	TRCN0000030776	CAGTTCTTCAAGCACTTTATT	2.66	0.051
Tpte2	NM_016715	TRCN0000065916	CTTGAGAAGCATCACGGGAA	2.66	0.055
Vpreb2	NM_016983	TRCN0000067380	CCTGCTGAGATACTTCTCACA	2.66	0.050
Ece1	NM_199307	TRCN0000031169	GCCATCAACTGGTTACCCTTT	2.65	0.025
Hist1h1e	NM_015787	TRCN0000096934	CCTCATTTGAATACTGCGTAA	2.63	0.005
Llg1l	NM_008502	TRCN0000088338	CCAGTCATTCTAAAGCAGTTT	2.63	0.028
Zfp467	NM_020589	TRCN0000085854	CGAGAAACGTTTCCGCAAGAA	2.62	0.012
Spon1	NM_145584	TRCN0000090520	GCCAAGTACAGACTCACGTTT	2.62	0.008
F2rl1	NM_007974	TRCN0000026630	GCCAACTACAAATACTGCTTA	2.59	0.002
Rasgrp1	NM_011246	TRCN0000077600	CCTTGTAATAAGCTGCGTAAA	2.59	0.029
Irak2	NM_172161	TRCN0000022500	CCACAGGCTCATCTTCCAATA	2.59	0.037
Serpinb3c	NM_201363	TRCN0000080058	GCATGATAACAGCACTAGGAA	2.59	0.013
Neurod1	NM_010894	TRCN0000081773	GCGTTGCCTTAGCACTTCTTT	2.58	0.019
Cyp2e1	NM_021282	TRCN0000011872	AGTGACTATTTCAAGGCGTTT	2.58	0.024
Pla2g2d	NM_011109	TRCN0000076896	CTACAATAAGCGCCTGCGTTA	2.56	0.009
Il12a	NM_008351	TRCN0000066516	CAGCACATTGAAGACCTGTTT	2.56	0.051
Wnt9b	NM_011719	TRCN0000071851	CGTGTATACCTGCAAGCGCTA	2.56	0.049
Slc6a15	NM_175328	TRCN0000079718	GCTTACATTGACTGAGGTCAT	2.55	0.027
Frmpd2	XM_193753	TRCN0000080571	CCTGATGACATGGAATTAATA	2.54	0.046
Adh5	NM_007410	TRCN0000042037	GCTGACATCTCTGTTGCTAAA	2.54	0.006
Rras	NM_009101	TRCN0000077619	TCAGCCAAACTGCGTCTGAAT	2.53	0.005
Slc5a3	NM_017391	TRCN0000070092	CCAGTAGATGCTTATTCCAAT	2.53	0.007
Elov12	NM_019423	TRCN0000009784	CACACTTCTTTCTGCGTATAT	2.52	0.033
Cited1	NM_007709	TRCN0000095237	TCAGAAGCTTAATAGCCAGTA	2.52	0.014
Rps3a	NM_016959	TRCN0000104149	AGAATGATGAAGTTGCGTTTA	2.51	0.030
Dhh	NM_007857	TRCN0000031070	CCTCTGCTATACAAGCAGTTT	2.51	0.010
Fgf9	NM_013518	TRCN0000067767	AGGAGATACTATGTTGCATTA	2.51	0.039
Cldn7	NM_016887	TRCN0000091767	CAGTGAAAGCAAAGCTGCGTA	2.50	0.004
Mxd4	NM_010753	TRCN0000084707	TCGCTTCTTAAAGAGACGTTT	2.49	0.016
P2rx3	NM_145526	TRCN0000068635	GCTGGCAAAGTTCAACATCATT	2.48	0.005
Brca2	NM_009765	TRCN0000071011	CGGCGTTTCTAAAGAGTGAT	2.48	0.028
Tgif	NM_009372	TRCN0000055048	CCATTTCACTCTGCGTAGTT	2.47	0.003
Gosr1	NM_016810	TRCN0000100758	CAGGATTATACACACGAATTT	2.47	0.026

Usp37	NM_176972	TRCN0000030862	CGCTTTGCAAACCTGCTTATT	2.47	0.013
Bmp8a	NM_007558	TRCN0000065758	CCTGCGTAAACACCGTAACAT	2.47	0.014
Nap113	NM_138742	TRCN0000092904	GCCTCTATATGATAAGCGTTT	2.46	0.016
Plcb3	NM_008874	TRCN0000076916	CTGATGAGTTTCCCTTGGAAA	2.46	0.015
Ntrk2	NM_008745	TRCN0000023702	GCTTACAAAGCGTTTCTGAAA	2.46	0.011
Hs6st1	NM_015818	TRCN0000103190	CCCACCTATCAAAGCTGCTTT	2.45	0.048
D4st1	NM_028117	TRCN0000103346	CCTGTCTGCTTACCGTAACAA	2.45	0.001
Kcnb2	XM_136482	TRCN0000069009	CGCCAGGAGAAAGCTATTAAA	2.45	0.042
Gykl1	NM_010293	TRCN0000024626	GCCTTCCAATCAGCACTTATT	2.44	0.022
Klf15	NM_023184	TRCN0000071469	CCAAACCTATTGGCTCAGGAT	2.43	0.048
Dpagt1	NM_007875	TRCN0000093709	GCCATCTGTGACTACTGATAT	2.41	0.001
Prkg1	NM_011160	TRCN0000022781	CCAGAGATCATCCTGAACAAA	2.41	0.047
Hist3h2bb	NM_206882	TRCN0000086410	CGCGTTTCCGTAGTACAATA	2.41	0.005
Oprd1	NM_013622	TRCN0000027801	TGTGACCAAGATCTGCGTGTT	2.40	0.020
Arhgap4	NM_138630	TRCN0000071701	CCTACGCTATCTCTTCACCTT	2.40	0.012
Tia1	NM_011585	TRCN0000077162	CAGGAAATGACCCATACTGTT	2.40	0.034
Helt	NM_173789	TRCN0000095915	CCGGCATTATCTCAATCTGAT	2.40	0.041
Cic	NM_027882	TRCN0000082012	CCGACATTGATCTCAAGTGCA	2.40	0.054
Pklr	NM_013631	TRCN0000024943	GTGGGTGACTACCACAATAT	2.40	0.053
Mrps17	NM_025450	TRCN0000099207	TGATTGGTACAGCCATGATAA	2.39	0.169
Pgd	NM_025801	TRCN0000042062	CCTGATTGAAATCACTGCTAA	2.39	0.051
Fgf23	NM_022657	TRCN0000067484	CTGCTGCATTTCTACACTGTT	2.39	0.023
Cnm3	NM_053186	TRCN0000077843	GCTGGAAATGGACAAGCGTTT	2.39	0.007
Irf7	NM_016850	TRCN0000077289	CTTCGACTTCAGCACTTTCTT	2.38	0.046
Ptp4a2	NM_008974	TRCN0000029000	CTCTTATGAGAACATGCGTTT	2.38	0.023
Mgat4c	NM_026243	TRCN0000093827	CCATCAAGAAAGTCATAGCAT	2.38	0.038
Nfatc2ip	NM_010900	TRCN0000099154	GAAGTGAACAAGCGTCTCCAA	2.37	0.003
Dusp1	NM_013642	TRCN0000029019	CCAAGGAGGATATGAAGCGTT	2.36	0.009
S100a10	NM_009112	TRCN0000097667	GAAACCATGATGCTTACGTTT	2.36	0.031
Pfkl	NM_008826	TRCN0000012541	GCTCAGCGTTTCCAATATCAT	2.35	0.021
Dusp13	NM_013849	TRCN0000081028	GCCTCTGCTGTTTCCAGAGAT	2.35	0.005
Prkaa2	XM_131633	TRCN0000024046	CGCCAGTCTTATCACTGCTTT	2.35	0.012
Rhot2	NM_145999	TRCN0000077640	GCTACCATATACAAGCGTTAT	2.34	0.003
Dnmt3a	NM_007872	TRCN0000039037	CCAGAACTGTAAGAACTGCTT	2.34	0.007
Naaladl1	XM_355137	TRCN0000087630	GAGCTTGCCTAATGAAACCTT	2.33	0.026
Zfp775	NM_173429	TRCN0000081546	GCCAGTTCATCTGCAATGATT	2.33	0.027
Prkaca	NM_008854	TRCN0000012458	CCTGTGTTTATCCCTCTCGTA	2.33	0.002
Pib5pa	NM_172439	TRCN0000081472	GCCCAGTTCATTCTGCAGTTT	2.33	0.005
Entpd1	NM_009848	TRCN0000028895	CCTTGGTTTACCTCTATCTT	2.33	0.001
Sesn3	NM_030261	TRCN0000088250	CCAGTTCTACATGCTGCGTAT	2.33	0.001
Pabpc1	NM_008774	TRCN0000054948	CCATCGACAATAAAGCACTAT	2.32	0.040
Ttk	NM_009445	TRCN0000028771	GCCACTGATGAAATGAAATAT	2.32	0.042
Fez2	NM_199448	TRCN0000054633	CCATACAAGGACCTTGCATTT	2.32	0.012
Pet112l	NM_144896	TRCN0000103343	GCACAGCTTTGCGTTACTGAA	2.31	0.002
Gm1238	XM_356827	TRCN0000067227	GTGTGCTTTATAGCAGCGTTT	2.31	0.034
Pptc7	NM_177242	TRCN0000080893	CCGACATTTAATTCCTGCTAA	2.31	0.001
Clu	NM_013492	TRCN0000079924	CCAGGGAGTGAAGCACATAAA	2.31	0.043
Syng4	NM_021482	TRCN0000093524	CCTCTCTACTAACTGATGGTT	2.31	0.030
Il7r	NM_008372	TRCN0000065420	TCTGCTTAATTCAGCTGTTT	2.30	0.028
Hba-x	NM_010405	TRCN0000105587	GCCTACATCCTGCGTGTGGAT	2.30	0.040
Pelil	NM_023324	TRCN0000077349	CGGTCAACTGAAAGTCCTATT	2.30	0.025

Tbx5	NM_011537	TRCN0000084628	CGGTTCAAAGAACACTGCGTT	2.30	0.002
Nkx3-1	NM_010921	TRCN0000084944	CGTGTATACTAGCTATCCCTA	2.29	0.006
Tgn	NM_009375	TRCN0000088957	CCATCCATCAAGCACTTTGAT	2.29	0.054
Hist1h1b	NM_020034	TRCN0000096931	CTCATCACTAAGGCTGTTTCT	2.29	0.023
Cd274	NM_021893	TRCN0000067999	CAGGCGTTTACTGCTGCATAA	2.28	0.004
Fut1	NM_008051	TRCN0000093693	AGGCAGGTTTGGAACCAGAT	2.28	0.001
S100a4	NM_011311	TRCN0000011861	CATGATGTGCAATGAATTCTT	2.28	0.049
Psmc6	NM_025959	TRCN0000065822	GCAGGACCTATTACAAAGCAT	2.28	0.007
Gimap4	NM_174990	TRCN0000101061	CCTTTATCTTCAACCAGTTTA	2.27	0.054
Cbfa2t3h	NM_009824	TRCN0000096432	CTGACTGTCATCAACCAGCAA	2.27	0.020
Inhbc	NM_010565	TRCN0000067828	CCTCACCTTGACAAGTCAGTA	2.27	0.054
Synpr	NM_028052	TRCN0000093205	CTCAGCATTGACATAGCGTTT	2.26	0.011
Grap	NM_027817	TRCN0000097068	CACGCTAAGATCCTGAACAT	2.26	0.050
Pigc	NM_026078	TRCN0000077124	GCCTTCATTATGGTGACGTTT	2.26	0.046
Rab15	NM_134050	TRCN0000093170	CCAGACTATCACAAAGCAGTA	2.26	0.055
Il15	NM_008357	TRCN0000066672	GCTACTTGTGTTTCCTTCTAA	2.26	0.013
Tcfap2e	NM_198960	TRCN0000086225	CTCGGGACTTGGTTACGTTT	2.24	0.019
Dph2	NM_026344	TRCN0000076014	CCTGACCAGTTACTAGGAGAT	2.24	0.048
Ehd1	NM_010119	TRCN0000093338	CGACTTCCCAAGCCTGCGTAA	2.23	0.025
Serpinb3c	NM_201363	TRCN0000080060	CCTGTCCTGATGGTGAAACAA	2.23	0.008
Irak2	NM_172161	TRCN0000022499	CCCAGTCTAAGTATTGCAGTA	2.23	0.046
C5ar1	NM_007577	TRCN0000026619	GCTCACTCTAAACATCTGCTA	2.23	0.049
Cd33	NM_021293	TRCN0000094368	AGCTCAATGTTACCCGGAAAT	2.23	0.018
Dph1	NM_144491	TRCN0000076024	CCAACCCTAATATACCTGCTT	2.22	0.003
Rcbtb2	NM_134083	TRCN0000077425	GCAGAAATGGACCACGATCTT	2.22	0.047
Morn2	NM_194269	TRCN0000078912	GTACACTGGAAATTTCAATGA	2.22	0.053
Rce1	NM_023131	TRCN0000031473	CCGCTGTTATCAAGCGGCGTT	2.22	0.002
Gp9	NM_018762	TRCN0000100053	TGGCCAACAATAGCCTGCGTT	2.21	0.006
Ube3a	NM_011668	TRCN0000012895	CCTTCCTGAATGCACTTGTAT	2.21	0.027
Tnfsf7	NM_011617	TRCN0000066684	GTGGTGTTTATTACTGTGTTT	2.21	0.010
Zfp51	NM_009558	TRCN0000096299	TCCAGTATTCTATCTGCTTAT	2.21	0.021
Sfpil	NM_011355	TRCN0000009498	CGGATGTGCTTCCCTTATCAA	2.21	0.020
Ebf3	NM_010096	TRCN0000081568	CGAGGATATGACTAGGTGAAT	2.21	0.053
Slc2a5	NM_019741	TRCN0000079390	CCAATCGTTTGAGCTAATAA	2.21	0.005
Uchl1	NM_011670	TRCN0000008443	GCTGTCTTCTTGCGTTCTACA	2.20	0.005
Ubp1	NM_013699	TRCN0000086551	CCCACTGGTATCCACATTCTT	2.20	0.040
Ube2g1	NM_025985	TRCN0000040583	GCCAGAAAGTTCTCAAATCAT	2.20	0.013
Mmp27	XM_134619	TRCN0000087679	CCACTGACGTTTACCAGGATA	2.20	0.048
Npr1	NM_008727	TRCN0000028829	GCGACTCAACATCACAGTAAA	2.19	0.042
Rab10	NM_016676	TRCN0000100835	GCCTATTAACCTGTCAGTTAAT	2.19	0.014
Atp2c1	NM_175025	TRCN0000101427	GCCAGTGGATAAAGATGTCAT	2.19	0.025
Mrpl24	NM_026591	TRCN0000098770	CTCTCCAAGTGCTTGCATTT	2.18	0.001
Slc35b4	NM_021435	TRCN0000068662	GCATGGTGGTTACTAGGTATT	2.18	0.044
Pspc1	NM_025682	TRCN0000102470	CCCATCATTGTGAATGTTGAA	2.18	0.022
Pacsin3	NM_028733	TRCN0000088780	GCAGAGGATGGTTCCGTAAA	2.18	0.003
Notch2	NM_010928	TRCN0000025896	GCTCCGACTATGTCAACAGTT	2.17	0.044
Birc3	NM_007464	TRCN0000012299	CCTGCGTTATACAGAGATATA	2.17	0.024
Pb1	NM_025847	TRCN0000081821	CGGGATGTCCATTTGTCCAAA	2.17	0.043
Trhr	NM_013696	TRCN0000027770	GCCCAGTTTCTCTGCACGTTT	2.17	0.030
Cd24a	NM_009846	TRCN0000077031	GTAACCAGAATATTTCTGCTT	2.17	0.011
Mad2l1	NM_019499	TRCN0000012838	CCAGGATATAAAGAAGCGTTT	2.16	0.013

Cul4b	NM_028288	TRCN0000012792	CCATATAATTGATACCTGCTT	2.15	0.018
Traf6	NM_009424	TRCN0000040735	CCCAGGCTGTTTCATAATGTTA	2.15	0.038
Ppie	NM_019489	TRCN0000101091	AGGTTCTTCATGCTGCATTTA	2.15	0.004
Syngn3	NM_011522	TRCN0000093260	GCGCTGCGTCTTCAACGGAAA	2.15	0.024
Bst1	NM_009763	TRCN0000099630	GCATTCATCTAGTCCTGCTTA	2.15	0.008
Cst9	NM_009979	TRCN0000080160	GCTGCGTAGAACCATATGCAA	2.15	0.010
RbmX	NM_011252	TRCN0000104041	CCACTAAAGACAGCTATTCAA	2.14	0.028
Ifng	NM_008337	TRCN0000077057	CAGTCATTGAAAGCCTAGAAA	2.14	0.010
Mall	NM_145532	TRCN0000100630	CGACAGTCCAACCATCTAAAT	2.14	0.040
Lats2	NM_015771	TRCN0000022708	CGACCTGGATGGTCATATTA	2.14	0.024
Myrip	NM_144557	TRCN0000091473	CCTGCCAAATTCAACAAGATT	2.13	0.041
Manba	NM_027288	TRCN0000077412	CGTGAAGTGGTTCCACGTA	2.13	0.046
Pcdha7	NM_009957	TRCN0000094547	GAGCCAACAATTACTCCTGTT	2.13	0.027
Nfatc2	NM_010899	TRCN0000012356	GCCCGTGAAAGTCAACTTCTA	2.12	0.032
Rbp4	NM_011255	TRCN0000105631	GAAGTTCGACAAGGCTCGTTT	2.12	0.007
Cox8b	NM_007751	TRCN0000076513	GCTGCTCCAAGCGCCTGCGAA	2.11	0.024
Anapc7	NM_019805	TRCN0000088343	CCTGCCTGTTTCCAAGTAGTA	2.11	0.040
Tekt3	NM_027660	TRCN0000089893	CGAGTCAATGACTTAGCGTTT	2.11	0.018
Krr1	NM_178610	TRCN0000102258	CGAACCTTGTTCCCGAAATA	2.09	0.036
Adam5	NM_007401	TRCN0000032509	CAAGTATTGCTACCCCAAAG	2.08	0.051
Sifn1	NM_011407	TRCN0000088233	GCTGGCAATTGGAATACGTTT	2.08	0.030
Dkk4	NM_145592	TRCN0000071651	AGGGAAATTCTGCTTAGCGTT	2.08	0.002
Zfp672	NM_178761	TRCN0000085263	CCTGTTAATCTCTACTGCTTT	2.08	0.004
C1qc	NM_007574	TRCN0000066651	CTTCTCTGGTTTCTACTGTT	2.08	0.029
Nqo2	NM_020282	TRCN0000041877	CCACTATACTGGTTCAGCGTT	2.07	0.002
Msr2	NM_030707	TRCN0000077317	CCCTGTATCTCAAGTACCAT	2.06	0.052
Serpine2	NM_009255	TRCN0000011919	GCATGATTGATAATCTGCTTT	2.06	0.032
Dusp1	NM_013642	TRCN0000029020	CATGAGGACTAACCGGGTAAA	2.06	0.003
Map3k5	NM_008580	TRCN0000012596	CCCATAGATATCCCTGGGTTT	2.06	0.006
Edg2	NM_010336	TRCN0000028878	CATCACTGTTTGCCTGTTT	2.05	0.004
Rgs19	NM_026446	TRCN0000037166	CCATCGCCACACACATTTGAT	2.05	0.045
Dbx1	NM_001005232	TRCN0000070581	CAGTCCCTTCAATCCGCATTT	2.05	0.027
Il12rb1	NM_008353	TRCN0000067671	GAGTTGCTACAGGGTTTCCAA	2.05	0.003
Slc29a3	NM_023596	TRCN0000079739	CCATCTTCAATAGCAGCGTTT	2.04	0.008
Obox3	NM_145707	TRCN0000070914	GAATACCAAGAATACCTGCTT	2.04	0.007
Irak4	NM_029926	TRCN0000022461	CCTGTGCTTAGTGTATGCTTA	2.04	0.026
Capn10	NM_011796	TRCN0000030706	CCCATTGGTTTCCATGTCTTT	2.04	0.006
Prodh	NM_011172	TRCN0000041928	GCAGCAGAGATCGGTTATGAA	2.03	0.025
Heg1	NM_175256	TRCN0000097250	CGGGACAGTATAACCCATCTT	2.03	0.018
Dusp9	NM_029352	TRCN0000081018	GCCCTTCTTGCTGTTTCATTT	2.03	0.004
Dnaja4	NM_021422	TRCN0000008535	CGCTTTAATAGCCTCACGTTT	2.03	0.001
Rnf6	NM_028774	TRCN0000054814	GCTCACTTCTTCTACTGAAT	2.03	0.027
Klk1b21	NM_010642	TRCN0000031778	CCACTGCTATGGCAACCAGTA	2.03	0.045
Cox11	NM_199008	TRCN0000076728	GCACCTTCATTTATCCCACTT	2.02	0.019
Akr1c21	NM_029901	TRCN000004224	GATGCTGGTTTCCATCACTTT	2.02	0.013
PorcN	NM_016913	TRCN000009349	GCTGCTTCTTACCATCTGCTT	2.02	0.002
Oas1c	NM_033541	TRCN000007591	GTCGCCTATTACAAGAATCTT	2.01	0.042
Bnip3	NM_009760	TRCN000000969	GCATGAGAAACACAAGCGTTA	2.01	0.004
Smad1	NM_008539	TRCN000002588	CCCATTTGGTTCCAAGCAGAA	2.01	0.029
Pcdhb4	NM_053129	TRCN0000094918	CAGAGACTGTGCTTGCAGTTT	2.01	0.018
Slc34a2	NM_011402	TRCN0000069546	CGGACAGTTCCTCAGCAACAA	2.01	0.049

Ccl21c	NM_023052	TRCN0000067749	CCTTAAGTACAGCCAGAAGAA	2.01	0.029
Gyk	NM_008194	TRCN0000024656	CCATTGATTCATGGCTTATTT	2.00	0.047
Foxd4	NM_008022	TRCN0000084901	CCGCAGGTTCCCGGACAATAT	2.00	0.001
Snx9	NM_025664	TRCN0000093362	CACAGATATAAGCACTTTGAT	2.00	0.048
Atf7	NM_146065	TRCN0000086246	GCAGCTACTGTTAGCTCATAA	2.00	0.011
Trappc4	NM_021789	TRCN0000100671	CCTTGAAATGCCTATCAGAT	2.00	0.037