

Dataset S1. Translation initiation of selective mRNAs was affected by the deletion of LTN1

A list of ranked genes sorted by the difference in footprint number at translation initiation site between harringtonine treated WT and *Ltn1* KO neurons (*Ltn1* KO-WT).

ID	(<i>Ltn1</i> KO - WT)	MGI.Gene/Marker.ID	Gene Symbol
ENSMUST00000034756.14	-2.385549114	MGI:88246	Anxa2
ENSMUST00000048184.3	-2.308250021	MGI:1859170	Pdcd7
ENSMUST00000107376.7	-2.22657363	MGI:1919216	Nkiras2
ENSMUST00000023362.14	-2.183933329	MGI:108471	Ntan1
ENSMUST00000077485.10	-2.139994267	MGI:99157	Zfp12
ENSMUST00000067444.9	-2.009807435	MGI:95697	Gfap
ENSMUST00000022115.13	-1.999527654	MGI:1333799	Xrcc4
ENSMUST00000022705.6	-1.94949253	MGI:1914631	Med4
ENSMUST00000123251.8	-1.897659563	MGI:96925	Mbp
ENSMUST00000204930.2	-1.897659563	MGI:1918910	Rarres2
ENSMUST00000044567.3	-1.843894724	MGI:1913498	Alg5
ENSMUST00000183425.7	-1.788048413	MGI:2446108	Hmgcll1
ENSMUST00000229696.1	-1.788048413	MGI:98509	Tfcp2
ENSMUST00000021810.2	-1.729952952	MGI:99414	Id4
ENSMUST00000028199.11	-1.729952952	MGI:1353605	Tor1b
ENSMUST00000216152.1	-1.729952952	MGI:1919093	R3hcc1
ENSMUST00000003154.6	-1.669419546	MGI:102707	Efna2
ENSMUST00000033800.12	-1.669419546	MGI:97623	Plp1
ENSMUST00000050630.13	-1.669419546	MGI:1923723	Supt3
ENSMUST00000027157.9	-1.606234583	MGI:1913896	Rpe
ENSMUST00000030317.13	-1.606234583	MGI:103098	Pdpn
ENSMUST00000037099.8	-1.606234583	MGI:1352754	Clic4
ENSMUST00000057497.12	-1.606234583	MGI:2155345	Col26a1
ENSMUST00000059562.13	-1.606234583	MGI:1920048	Lhfp
ENSMUST00000031122.8	-1.584823034	MGI:95619	Gabrb1
ENSMUST00000202447.3	-1.552854943	MGI:1924223	Fbxo21
ENSMUST00000013886.8	-1.540155087	MGI:1924258	Ppp1r12c
ENSMUST00000022586.1	-1.540155087	MGI:1351474	Nufip1
ENSMUST00000029649.2	-1.540155087	MGI:2139628	Ctso
ENSMUST00000038626.9	-1.540155087	MGI:2681846	Mpv17l2
ENSMUST00000113102.9	-1.540155087	MGI:1914361	Naaa
ENSMUST00000108634.8	-1.521950517	MGI:2681835	Nlgn2

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ENSMUST00000055104.5	-1.479906682	MGI:2385317	Tceal1
ENSMUST00000021903.2	-1.470903073	MGI:1346325	Gadd45g
ENSMUST00000035222.5	-1.470903073	MGI:1928738	Slc25a20
ENSMUST00000043722.9	-1.470903073	MGI:99554	Lgals3bp
ENSMUST00000048642.14	-1.470903073	MGI:1277152	Parl
ENSMUST00000056370.12	-1.470903073	MGI:1914287	Pmf1
ENSMUST00000060447.12	-1.470903073	MGI:1922672	Mettl5
ENSMUST00000037827.9	-1.459729871	MGI:2653235	Slc45a1
ENSMUST00000048073.8	-1.433075272	MGI:2687325	Pigs
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ENSMUST00000020023.8	-1.398158481	MGI:88930	Reep3
ENSMUST00000020849.8	-1.398158481	MGI:1919193	Tom1l1
ENSMUST00000024957.6	-1.398158481	MGI:99462	Pigf
ENSMUST00000061890.7	-1.398158481	MGI:2141413	Zfp282
ENSMUST00000101426.10	-1.398158481	MGI:1913308	Tmem176a
ENSMUST00000125544.2	-1.398158481	MGI:5141896	Gm20431
ENSMUST00000129635.7	-1.398158481	MGI:1891341	Lpin2
ENSMUST00000161211.7	-1.398158481	MGI:1917042	Med6
ENSMUST00000011981.4	-1.386796361	MGI:1914861	Snopc2
ENSMUST00000034015.10	-1.3742772	MGI:1913484	Msmo1
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ENSMUST00000033770.12	-1.330365505	MGI:99918	Mecp2
ENSMUST00000025217.10	-1.328736592	MGI:96245	Hspa9
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ENSMUST00000030367.14	-1.274519194	MGI:1919725	Ssbp3
ENSMUST00000048653.9	-1.268167493	MGI:2387578	Cpne2
ENSMUST00000020922.7	-1.254277519	MGI:2145021	Trib2
ENSMUST00000040344.6	-1.243056202	MGI:1922862	Gns
ENSMUST00000032840.4	-1.24257354	MGI:1915244	Mrps11
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ENSMUST00000025161.9	-1.240644771	MGI:1201689	Tapbp
ENSMUST00000035094.13	-1.240644771	MGI:2143333	Exog
ENSMUST00000060188.13	-1.240644771	MGI:1914099	Ppp1r2
ENSMUST00000064848.6	-1.240644771	MGI:2143854	Nup107
ENSMUST00000095759.4	-1.240644771	MGI:99252	Egr4
ENSMUST00000115168.8	-1.240644771	MGI:1914244	Cep19
ENSMUST00000192512.5	-1.240644771	MGI:1298406	Pcdha4
ENSMUST00000212075.1	-1.234647324	MGI:1925350	Msantd4
ENSMUST00000124482.2	-1.219422851	MGI:1351608	Mrpl17
ENSMUST00000084125.9	-1.208892932	MGI:2387629	Tardbp
ENSMUST00000015137.9	-1.203196435	MGI:104572	Limk1
ENSMUST00000057503.6	-1.203196435	MGI:1923411	Lamp5
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ENSMUST00000103193.4	-1.193664326	MGI:96622	Itpa
ENSMUST00000223553.1	-1.191409153	MGI:97587	Pim2
ENSMUST00000001304.8	-1.186318214	MGI:88407	Ckb
ENSMUST00000067530.5	-1.167812375	MGI:1928744	Vapb
ENSMUST00000038791.14	-1.157570585	MGI:1891827	Gde1
ENSMUST00000090227.5	-1.157407879	MGI:2442773	Marchf6
ENSMUST00000043966.7	-1.156407084	MGI:1921850	Mrpl47
ENSMUST00000011029.11	-1.154931211	MGI:1914963	Dnajc19
ENSMUST00000017090.5	-1.154931211	MGI:1916509	Kctd5
ENSMUST00000020040.4	-1.154931211	MGI:1328351	Nts
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ENSMUST00000109943.9	-1.154931211	MGI:1921552	Mtmr3
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ENSMUST00000020856.5	-1.149784132	MGI:1914162	Bzw2
ENSMUST00000028222.12	-1.139171609	MGI:95835	Hspa5
ENSMUST00000024887.5	-1.139139415	MGI:1920944	Ndufaf7
ENSMUST00000032362.11	-1.138903035	MGI:1889679	Slco1c1
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ENSMUST00000015011.9	-1.129049518	MGI:98445	Surf4
ENSMUST00000022296.6	-1.124039057	MGI:107411	Ube2e1
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ENSMUST00000237400.1	-1.104000291	MGI:1917473	Nars
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ENSMUST00000108904.9	-1.092705364	MGI:894291	Acsl6
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ENSMUST00000039534.10	-1.069651021	MGI:1098222	Resp18
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ENSMUST00000043325.8	-1.069651021	MGI:1346049	Hs2st1
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ENSMUST00000027404.11	-1.063801766	MGI:102765	Ptprn
ENSMUST00000029752.14	-1.063801766	MGI:1919057	Tars2
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ENSMUST00000054399.5	-1.063801766	MGI:1349481	Ing1
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ENSMUST00000115661.4	-1.063801766	MGI:5649001	Gm42416
ENSMUST00000207505.1	-1.063801766	MGI:5011595	Gm19410
ENSMUST00000107237.7	-1.063557736	MGI:1201670	Psmd4
ENSMUST00000029727.7	-1.058014129	MGI:1354695	Fbxw7

ENSMUST00000071816.6	-1.057507763	MGI:88259	Camk2g
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ENSMUST00000004378.14	-1.048280338	MGI:95394	Eno2
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ENSMUST00000027111.14	-1.038031395	MGI:2443241	Ndufs1
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ENSMUST00000048016.2	-1.0084265	MGI:1920318	Fut11
ENSMUST00000109381.8	-1.0084265	MGI:1924161	Brd1
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ENSMUST00000026576.4	-1.003957103	MGI:1274789	Taldo1
ENSMUST00000072740.12	-0.999059803	MGI:107771	Abr
ENSMUST00000040518.5	-0.997057927	MGI:2386251	Eif3l
ENSMUST00000029116.13	-0.996906428	MGI:1923927	Pcmdt2
ENSMUST00000114763.2	-0.988538721	MGI:102793	Fstl1
ENSMUST00000166734.9	-0.985342838	MGI:1923749	Clasp2
ENSMUST00000023444.10	-0.982185085	MGI:1914113	Lztr1
ENSMUST00000086978.11	-0.982185085	MGI:1858227	Cdkl2
ENSMUST00000031004.10	-0.977800315	MGI:107793	Crmp1
ENSMUST00000103017.3	-0.973175507	MGI:2679787	Nploc4
ENSMUST00000002840.8	-0.967093505	MGI:2385054	Pex6
ENSMUST00000030381.7	-0.967093505	MGI:1858304	Ctps
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ENSMUST00000019229.14	-0.896570013	MGI:1915269	Med8
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ENSMUST00000199300.4	-0.886428876	MGI:1341265	Camk2d
ENSMUST00000166972.8	-0.88496027	MGI:101921	Ap2a1
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ENSMUST00000077672.11	-0.875437291	MGI:1915268	Col4a3bp
ENSMUST00000105439.1	-0.875437291	MGI:2389177	Lrrtm3
ENSMUST00000203619.2	-0.875437291	MGI:99534	Cntn3
ENSMUST00000030637.13	-0.874794563	MGI:1347351	Ncdn
ENSMUST00000029770.7	-0.871598614	MGI:1349216	Abcd3
ENSMUST00000015950.11	-0.869876106	MGI:97836	Qdpr
ENSMUST00000096057.4	-0.868897992	MGI:1926784	Tagln3
ENSMUST00000023489.10	-0.864564567	MGI:1917955	Fyttd1
ENSMUST00000018315.9	-0.863556217	MGI:1923159	Vmp1
ENSMUST00000030296.8	-0.863556217	MGI:1913323	Txndc12
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ENSMUST00000090811.10	1.918003545	MGI:1921866	Scrn3
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