

Appendix

1 Pre-40S Ribosome Pulldowns TMT LC-MS/MS Raw Data

1.1 PNO1 Pulldown

a) Protein Identification

Gene Name	Accession	Protein FDR Confidence	Coverage	# Peptides	# PSMs	# Unique Peptides	# AAs	MW [kDa]	Calc. pI
PNO1	Q9NRX1	High	68.65	19.00	63.00	19.00	252.00	27.90	9.73
RRP12	Q5JTH9	High	32.77	38.00	52.00	38.00	1297.00	143.60	8.75
NOB1P	B2RAR2	High	38.11	13.00	23.00	13.00	412.00	46.60	7.18
TSR1	Q2NL82	High	30.60	22.00	39.00	22.00	804.00	91.80	7.42
UTP14A	Q9BVJ6	High	33.85	25.00	27.00	16.00	771.00	87.90	7.87
RPS2	P15880	High	32.08	10.00	21.00	10.00	293.00	31.30	10.24
RPS3A	A8K4W0	High	57.20	16.00	27.00	16.00	264.00	29.90	9.73
RPS4X	P62701	High	44.87	12.00	18.00	12.00	263.00	29.60	10.15
RIOK2	Q9BVS4	High	30.62	14.00	18.00	14.00	552.00	63.20	5.94
LTV1	Q96GA3	High	40.84	21.00	40.00	21.00	475.00	54.80	4.91
RPS11	P62280	High	44.94	8.00	18.00	8.00	158.00	18.40	10.30
RPS8	Q5JR94	High	51.92	10.00	17.00	10.00	208.00	24.20	10.32
RPS3	P23396	High	68.31	16.00	28.00	16.00	243.00	26.70	9.66
RPS23	A8K517	High	38.46	8.00	15.00	8.00	143.00	15.80	10.49
RPS16	P62249	High	47.95	10.00	13.00	10.00	146.00	16.40	10.21
RPS6	A2A3R6	High	31.33	10.00	18.00	10.00	249.00	28.70	10.84
RPS13	P62277	High	52.32	10.00	18.00	10.00	151.00	17.20	10.54
RPS15	K7ELC2	High	13.16	3.00	6.00	3.00	152.00	17.70	10.39
RPS9	P46781	High	39.69	12.00	13.00	12.00	194.00	22.60	10.65

BYSL	Q13895	High	38.90	15.00	21.00	15.00	437.00	49.60	8.12
RPS19	Q8WVX7	High	44.59	9.00	12.00	9.00	157.00	17.30	10.52
RPS12	P25398	High	53.79	7.00	13.00	7.00	132.00	14.50	7.21
RPS17	A0A075B716	High	28.27	6.00	11.00	6.00	191.00	21.60	8.92
RPS24	P62847	High	38.35	5.00	10.00	5.00	133.00	15.40	10.78
NOP14	A8KA74	High	26.84	21.00	24.00	21.00	857.00	97.60	7.69
RPS7	P62081	High	42.78	8.00	14.00	8.00	194.00	22.10	10.10
RPS18	P62269	High	36.18	7.00	12.00	7.00	152.00	17.70	10.99
TRIM41	Q8WV44	High	10.63	6.00	6.00	6.00	630.00	71.60	5.06
RPS15A	P62244	High	41.54	6.00	11.00	6.00	130.00	14.80	10.13
HNRNPM	P52272	High	28.77	19.00	19.00	19.00	730.00	77.50	8.70
RPS14	P62263	High	37.75	6.00	12.00	6.00	151.00	16.30	10.05
RACK1	E9KL35	High	47.32	14.00	20.00	14.00	317.00	35.10	7.69
KPNA4	O00629	High	9.60	5.00	5.00	3.00	521.00	57.90	4.96
RPS5	MOR0R2	High	28.00	7.00	11.00	7.00	225.00	25.30	9.76
RPSA	A0A0C4DG17	High	29.67	6.00	8.00	6.00	300.00	33.30	4.87
RPS10	P46783	High	45.45	10.00	16.00	10.00	165.00	18.90	10.15
RPS27	P42677	High	39.29	4.00	5.00	2.00	84.00	9.50	9.45
CHERP	J3QK89	High	27.18	19.00	31.00	19.00	927.00	104.90	9.19
RIOK3	B0YJ89	High	14.84	7.00	7.00	7.00	519.00	59.10	5.76
PARN	O95453	High	6.73	4.00	5.00	4.00	639.00	73.40	6.20
FTSJ3	Q8IY81	High	5.67	5.00	5.00	5.00	847.00	96.50	8.40
RPS25	P62851	High	35.20	6.00	8.00	6.00	125.00	13.70	10.11
CSNK1D	H7BYT1	High	5.39	2.00	2.00	2.00	427.00	49.00	9.94
MTDH	Q86UE4	High	17.70	8.00	11.00	8.00	582.00	63.80	9.32
FAU	E9PR30	High	10.20	1.00	2.00	1.00	98.00	10.90	11.56
C4BPA	P04003	Medium	1.34	1.00	1.00	1.00	597.00	67.00	7.30
NOC4L	Q9BVI4	High	9.88	5.00	5.00	5.00	516.00	58.40	7.49
BZRAP1	B2RUT8	Medium	0.54	1.00	1.00	1.00	1857.00	199.90	5.11
NRP1	O14786	High	7.37	5.00	5.00	5.00	923.00	103.10	5.88

RPS20	P60866	High	31.93	4.00	8.00	4.00	119.00	13.40	9.94
LRRRC59	Q96AG4	High	38.44	11.00	13.00	11.00	307.00	34.90	9.57
RPL7	A0A024R814	High	43.63	15.00	22.00	15.00	259.00	30.40	10.71
RPL4	Q59GY2	High	37.19	16.00	22.00	16.00	441.00	49.00	11.02
KPNA3	A0A024RDV7	High	7.29	4.00	4.00	2.00	521.00	57.80	4.94
LARP1	Q6PKG0	High	10.68	11.00	11.00	11.00	1096.00	123.40	8.82
RPS28	B2R4R9	High	46.38	3.00	5.00	3.00	69.00	7.80	10.70
RPL6	Q9HBB3	High	41.52	15.00	21.00	15.00	289.00	32.90	10.58
ZNF66	Q6ZNO8	High	9.95	2.00	2.00	1.00	573.00	65.80	9.33
U2SURP	O15042	High	21.57	23.00	27.00	23.00	1029.00	118.20	8.47
PABPC1	P11940	High	21.38	16.00	18.00	13.00	636.00	70.60	9.50
RBM17	Q5W009	High	30.67	11.00	13.00	11.00	401.00	44.90	5.97
PLOD3	O60568	High	5.01	3.00	3.00	3.00	738.00	84.70	6.05
RPL15	A0A024R2Q4	High	32.84	7.00	9.00	7.00	204.00	24.10	11.62
ESCO1	A0A024RC19	Medium	0.95	1.00	1.00	1.00	840.00	94.90	9.16
CT45A1	Q5HYN5	High	51.32	9.00	13.00	1.00	189.00	21.30	9.83
RPL28	P46779	High	27.74	4.00	9.00	4.00	137.00	15.70	12.02
POP1	Q96F88	High	4.79	5.00	5.00	5.00	1024.00	114.60	9.20
EMG1	A8K6D2	High	21.31	4.00	6.00	4.00	244.00	26.70	9.17
RPL35A	P18077	High	52.73	7.00	10.00	7.00	110.00	12.50	11.06
PRMT5	B2RDD7	High	3.77	2.00	2.00	2.00	637.00	72.70	6.29
RPL18	J3QQ67	High	25.26	4.00	8.00	4.00	190.00	21.80	11.72
RPL32	F8W727	High	38.56	6.00	8.00	6.00	153.00	18.00	10.59
RPS21	Q6FGH5	High	39.76	3.00	3.00	3.00	83.00	9.10	8.50
RPL17-C18orf32	A0A0A6YYL6	High	36.40	7.00	11.00	7.00	228.00	26.40	10.10
RPL12	P30050	High	53.94	7.00	12.00	7.00	165.00	17.80	9.42
RPL7A	P62424	High	40.98	16.00	22.00	16.00	266.00	30.00	10.61
AMER1	Q5JTC6	High	1.15	1.00	1.00	1.00	1135.00	124.00	4.84
RPL23A	P62750	High	46.79	8.00	10.00	8.00	156.00	17.70	10.45
RPL13A	MOQYS1	High	33.81	8.00	9.00	8.00	210.00	24.20	10.86

HNRPUL1	A8K5K0	High	4.56	3.00	3.00	3.00	856.00	95.60	7.62
DNAJA2	AOA024R6S1	High	6.80	3.00	3.00	3.00	412.00	45.70	6.48
ASCC2	Q9H1I8	High	2.64	2.00	2.00	2.00	757.00	86.30	5.16
RPS27L	H0YMV8	High	32.00	3.00	3.00	1.00	100.00	11.30	9.32
DHX37	Q8IY37	High	1.12	1.00	1.00	1.00	1157.00	129.50	8.10
RPL9	Q53Z07	High	39.58	8.00	13.00	8.00	192.00	21.90	9.95
NMD3	C9JA08	High	11.72	6.00	6.00	6.00	529.00	60.10	6.62
RAVER1	E9PAU2	High	27.65	12.00	19.00	12.00	756.00	79.50	8.92
C6orf203	AOA0D9SEI0	High	3.67	1.00	1.00	1.00	245.00	28.40	9.29
RPL10A	P62906	High	36.87	8.00	13.00	8.00	217.00	24.80	9.94
RPL3	P39023	High	30.02	14.00	17.00	14.00	403.00	46.10	10.18
RPS27A	P62979	High	43.59	6.00	17.00	6.00	156.00	18.00	9.64
WBSCR22	O43709	High	13.88	4.00	4.00	4.00	281.00	31.90	8.73
K7EMT4	K7ESF4	High	11.48	2.00	2.00	1.00	209.00	22.80	6.60
RPL5	A2RUM7	High	33.67	9.00	24.00	9.00	297.00	34.30	9.72
NAT10	Q9H0A0	High	4.20	4.00	5.00	4.00	1025.00	115.70	8.27
TRMT112	Q9UI30	High	20.80	2.00	2.00	2.00	125.00	14.20	5.26
RPLP0	AOA024RBS2	High	49.53	12.00	20.00	12.00	317.00	34.30	5.97
ORF11	AOA0N9RLH1	High	16.46	5.00	5.00	5.00	407.00	45.20	9.54
TOP1	B9EG90	High	8.50	6.00	7.00	6.00	765.00	90.60	9.31

b) Protein Quantification

Gene Name	Abundance TReX Latent	Abundance TReX Lytic	Abundance PNO1 Latent	Abundance PNO1 Lytic	Abundance Total Latent	Abundance Total Lytic	Abundance Log Latent	Abundance Log Lytic	Log Ratio (Lytic/Latent)
PNO1	457.20	624.70	18017.70	16349.70	17560.50	15725.00	4.24	4.20	0.99
RRP12	541.40	651.60	10794.90	15967.10	10253.50	15315.50	4.01	4.19	1.04
NOB1P	114.80	97.10	9073.40	6249.00	8958.60	6151.90	3.95	3.79	0.96
TSR1	139.20	177.40	9094.70	10410.80	8955.50	10233.40	3.95	4.01	1.01
UTP14A	141.60	117.40	8503.00	4381.90	8361.40	4264.50	3.92	3.63	0.93
RPS2	382.10	197.80	6362.80	6138.30	5980.70	5940.50	3.78	3.77	1.00
RPS3A	439.90	437.40	5974.30	6223.30	5534.40	5785.90	3.74	3.76	1.01
RPS4X	261.30	188.90	4688.50	4833.80	4427.20	4644.90	3.65	3.67	1.01
RIOK2	199.30	244.90	4506.30	3418.80	4307.00	3173.90	3.63	3.50	0.96
LTV1	188.10	467.80	4344.60	3137.00	4156.50	2669.20	3.62	3.43	0.95
RPS11	325.60	342.30	4373.30	4689.60	4047.70	4347.30	3.61	3.64	1.01
RPS8	159.00	70.20	3975.30	4113.30	3816.30	4043.10	3.58	3.61	1.01
RPS3	483.50	533.90	4123.10	3124.10	3639.60	2590.20	3.56	3.41	0.96
RPS23	487.70	457.00	4122.10	4352.40	3634.40	3895.40	3.56	3.59	1.01
RPS16	334.00	263.80	3559.50	3572.70	3225.50	3308.90	3.51	3.52	1.00
RPS6	206.90	192.00	3413.00	3468.70	3206.10	3276.70	3.51	3.52	1.00
RPS13	257.90	187.30	3416.30	3529.00	3158.40	3341.70	3.50	3.52	1.01
RPS15	326.70	163.20	3458.10	3682.00	3131.40	3518.80	3.50	3.55	1.01
RPS9	232.70	157.70	2914.20	3092.30	2681.50	2934.60	3.43	3.47	1.01
BYSL	324.50	427.30	2968.40	4479.10	2643.90	4051.80	3.42	3.61	1.05
RPS19	323.10	339.60	2761.00	2782.00	2437.90	2442.40	3.39	3.39	1.00
RPS12	245.90	145.70	2650.70	2269.20	2404.80	2123.50	3.38	3.33	0.98
RPS17	286.80	208.00	2677.80	3291.40	2391.00	3083.40	3.38	3.49	1.03
RPS24	177.10	108.70	2553.60	2676.30	2376.50	2567.60	3.38	3.41	1.01
NOP14	183.50	203.60	2428.90	12615.70	2245.40	12412.10	3.35	4.09	1.22

RPS7	224.30	202.20	2443.80	2751.50	2219.50	2549.30	3.35	3.41	1.02
RPS18	332.80	212.50	2428.80	2603.40	2096.00	2390.90	3.32	3.38	1.02
TRIM41	53.10	69.70	1907.20	782.30	1854.10	712.60	3.27	2.85	0.87
RPS15A	114.90	89.80	1968.50	1905.40	1853.60	1815.60	3.27	3.26	1.00
HNRNPM	975.10	1093.90	2810.70	1297.60	1835.60	203.70	3.26	2.31	0.71
RPS14	127.50	99.10	1945.40	1946.50	1817.90	1847.40	3.26	3.27	1.00
RACK1	587.50	490.80	2341.40	2015.00	1753.90	1524.20	3.24	3.18	0.98
KPNA4	89.90	13.80	1811.30	1184.50	1721.40	1170.70	3.24	3.07	0.95
RPS5	279.10	172.40	1981.60	2355.90	1702.50	2183.50	3.23	3.34	1.03
RPSA	146.10	71.50	1374.40	1740.50	1228.30	1669.00	3.09	3.22	1.04
RPS10	714.10	588.10	1942.00	1419.50	1227.90	831.40	3.09	2.92	0.95
RPS27	125.50	96.60	1325.70	1284.50	1200.20	1187.90	3.08	3.07	1.00
CHERP	2491.70	3620.30	3688.90	2787.70	1197.20	1.00	3.08	0.00	-
RIOK3	78.10	102.50	1021.40	948.30	943.30	845.80	2.97	2.93	0.98
PARN	83.40	119.50	950.60	2745.40	867.20	2625.90	2.94	3.42	1.16
FTSJ3	138.10	118.80	984.30	840.40	846.20	721.60	2.93	2.86	0.98
RPS25	296.00	402.80	978.50	1144.40	682.50	741.60	2.83	2.87	1.01
CSNK1D	28.60	38.30	658.20	447.30	629.60	409.00	2.80	2.61	0.93
MTDH	233.20	359.40	843.00	954.90	609.80	595.50	2.79	2.77	1.00
FAU	88.50	56.30	687.40	787.40	598.90	731.10	2.78	2.86	1.03
C4BPA	2.50	0.00	576.80	570.10	574.30	570.10	2.76	2.76	1.00
NOC4L	24.00	43.20	540.80	3189.40	516.80	3146.20	2.71	3.50	1.29
BZRAP1	0.00	0.00	513.00	379.80	513.00	379.80	2.71	2.58	0.95
NRP1	125.80	113.80	638.70	210.50	512.90	96.70	2.71	1.99	0.73
RPS20	212.00	573.10	705.80	414.30	493.80	1.00	2.69	0.00	-
LRRCS9	610.90	844.90	1101.50	1046.80	490.60	201.90	2.69	2.31	0.86
RPL7	451.20	413.80	937.30	965.10	486.10	551.30	2.69	2.74	1.02
RPL4	616.00	527.10	1068.60	1129.10	452.60	602.00	2.66	2.78	1.05
KPNA3	71.90	50.20	510.10	380.30	438.20	330.10	2.64	2.52	0.95
LARP1	415.50	383.00	844.20	604.70	428.70	221.70	2.63	2.35	0.89

RPS28	113.50	93.30	528.80	563.60	415.30	470.30	2.62	2.67	1.02
RPL6	325.40	240.40	735.70	764.90	410.30	524.50	2.61	2.72	1.04
ZNF66	96.40	118.50	499.90	347.50	403.50	229.00	2.61	2.36	0.91
U2SURP	1292.60	2628.10	1640.00	2198.30	347.40	1.00	2.54	0.00	-
PABPC1	941.20	948.50	1266.90	870.00	325.70	1.00	2.51	0.00	-
RBM17	624.80	1221.30	941.30	1151.30	316.50	1.00	2.50	0.00	-
PLOD3	126.00	104.00	437.40	294.70	311.40	190.70	2.49	2.28	0.91
RPL15	299.80	212.00	602.60	584.30	302.80	372.30	2.48	2.57	1.04
ESCO1	11.30	0.00	306.20	338.30	294.90	338.30	2.47	2.53	1.02
CT45A1	356.10	408.80	622.60	814.90	266.50	406.10	2.43	2.61	1.08
RPL28	382.10	360.50	635.20	707.50	253.10	347.00	2.40	2.54	1.06
POP1	169.90	104.80	420.30	374.80	250.40	270.00	2.40	2.43	1.01
EMG1	248.80	317.90	480.50	1690.20	231.70	1372.30	2.36	3.14	1.33
RPL35A	459.20	371.50	685.10	625.80	225.90	254.30	2.35	2.41	1.02
PRMT5	52.90	39.60	277.90	214.90	225.00	175.30	2.35	2.24	0.95
RPL18	166.70	112.40	386.30	369.90	219.60	257.50	2.34	2.41	1.03
RPL32	206.90	201.60	422.50	411.40	215.60	209.80	2.33	2.32	0.99
RPS21	59.80	51.50	272.80	349.30	213.00	297.80	2.33	2.47	1.06
RPL17-C18orf32	298.90	249.00	511.70	479.60	212.80	230.60	2.33	2.36	1.01
RPL12	380.50	279.00	593.20	518.20	212.70	239.20	2.33	2.38	1.02
RPL7A	382.10	269.80	586.80	642.80	204.70	373.00	2.31	2.57	1.11
AMER1	4.70	12.10	208.00	44.00	203.30	31.90	2.31	1.50	0.65
RPL23A	360.50	301.10	546.90	518.20	186.40	217.10	2.27	2.34	1.03
RPL13A	166.70	133.20	348.40	361.70	181.70	228.50	2.26	2.36	1.04
HNRPUL1	149.10	285.70	329.90	248.10	180.80	1.00	2.26	0.00	-
DNAJA2	328.30	360.30	498.20	363.40	169.90	3.10	2.23	0.49	0.22
ASCC2	29.70	24.10	197.00	127.60	167.30	103.50	2.22	2.01	0.91
RPS27L	9.70	0.00	174.70	175.40	165.00	175.40	2.22	2.24	1.01
DHX37	55.40	90.30	219.90	216.90	164.50	126.60	2.22	2.10	0.95
RPL9	292.70	258.90	450.70	401.00	158.00	142.10	2.20	2.15	0.98

NMD3	134.90	122.60	292.70	222.80	157.80	100.20	2.20	2.00	0.91
RAVER1	797.60	1297.80	955.10	773.70	157.50	1.00	2.20	0.00	-
C6orf203	63.30	39.00	190.10	245.10	126.80	206.10	2.10	2.31	1.10
RPL10A	345.10	243.00	461.10	484.80	116.00	241.80	2.06	2.38	1.15
RPL3	465.40	433.50	563.60	646.30	98.20	212.80	1.99	2.33	1.17
RPS27A	1100.70	753.90	1185.50	945.40	84.80	191.50	1.93	2.28	1.18
WBSCR22	38.70	32.90	106.50	1470.60	67.80	1437.70	1.83	3.16	1.72
K7EMT4	97.30	136.40	149.20	291.20	51.90	154.80	1.72	2.19	1.28
RPL5	478.70	476.60	528.30	645.20	49.60	168.60	1.70	2.23	1.31
NAT10	115.90	362.60	164.30	556.80	48.40	194.20	1.68	2.29	1.36
TRMT112	28.00	34.60	68.90	473.50	40.90	438.90	1.61	2.64	1.64
RPLP0	871.40	588.70	898.00	827.90	26.60	239.20	1.42	2.38	1.67
ORF11	13.00	168.30	39.60	2006.90	26.60	1838.60	1.42	3.26	2.29
TOP1	349.40	474.70	177.30	738.80	1.00	264.10	0.00	2.42	+

1.2 LTV1 Pulldown

a) Protein Identification

Gene Name	Accession	Protein FDR Confidence	Coverage	# Peptides	# PSMs	# Unique Peptides	# AAs	MW [kDa]	Calc. pI
LTV1	Q96GA3	High	40.84	21.00	40.00	21.00	475.00	54.80	4.91
RPS3	P23396	High	68.31	16.00	28.00	16.00	243.00	26.70	9.66
ACACA	Q13085	High	39.73	80.00	106.00	65.00	2346.00	265.40	6.37
TSR1	Q2NL82	High	30.60	22.00	39.00	22.00	804.00	91.80	7.42
RRP12	Q5JTH9	High	32.77	38.00	52.00	38.00	1297.00	143.60	8.75
MRTO4	AOA024RAE1	High	70.71	26.00	402.00	26.00	239.00	27.50	8.29
BYSL	Q13895	High	38.90	15.00	21.00	15.00	437.00	49.60	8.12
CHERP	J3QK89	High	27.18	19.00	31.00	19.00	927.00	104.90	9.19
RIOK2	Q9BVS4	High	30.62	14.00	18.00	14.00	552.00	63.20	5.94
RPS3A	A8K4W0	High	57.20	16.00	27.00	16.00	264.00	29.90	9.73
PC	AOA024R5C5	High	24.96	25.00	33.00	25.00	1178.00	129.60	6.84
RPS2	P15880	High	32.08	10.00	21.00	10.00	293.00	31.30	10.24
RPS15	K7ELC2	High	13.16	3.00	6.00	3.00	152.00	17.70	10.39
NOB1P	B2RAR2	High	38.11	13.00	23.00	13.00	412.00	46.60	7.18
RPS11	P62280	High	44.94	8.00	18.00	8.00	158.00	18.40	10.30
RPS4X	P62701	High	44.87	12.00	18.00	12.00	263.00	29.60	10.15
RPS23	A8K517	High	38.46	8.00	15.00	8.00	143.00	15.80	10.49
RACK1	E9KL35	High	47.32	14.00	20.00	14.00	317.00	35.10	7.69
PPIB	P23284	High	58.80	15.00	41.00	14.00	216.00	23.70	9.41
RPS7	P62081	High	42.78	8.00	14.00	8.00	194.00	22.10	10.10
RPS12	P25398	High	53.79	7.00	13.00	7.00	132.00	14.50	7.21
PCMT1	H7BY58	High	50.70	12.00	19.00	12.00	286.00	30.30	6.73
RPS19	Q8WVX7	High	44.59	9.00	12.00	9.00	157.00	17.30	10.52
RPS13	P62277	High	52.32	10.00	18.00	10.00	151.00	17.20	10.54

RPS17	AOA075B716	High	28.27	6.00	11.00	6.00	191.00	21.60	8.92
N/A	Q59G24	High	62.69	10.00	45.00	10.00	134.00	15.10	9.38
RPS18	P62269	High	36.18	7.00	12.00	7.00	152.00	17.70	10.99
RPS9	P46781	High	39.69	12.00	13.00	12.00	194.00	22.60	10.65
RPS16	P62249	High	47.95	10.00	13.00	10.00	146.00	16.40	10.21
ASPM	Q8IZT6	High	2.90	10.00	11.00	10.00	3477.00	409.50	10.45
RPS8	Q5JR94	High	51.92	10.00	17.00	10.00	208.00	24.20	10.32
RP9	AOA090N8G7	High	23.81	7.00	11.00	7.00	315.00	36.40	9.99
U2SURP	O15042	High	21.57	23.00	27.00	23.00	1029.00	118.20	8.47
RPSA	AOA0C4DG17	High	29.67	6.00	8.00	6.00	300.00	33.30	4.87
ARRB2	P32121	High	44.50	16.00	20.00	16.00	409.00	46.10	7.69
RPS5	MOROR2	High	28.00	7.00	11.00	7.00	225.00	25.30	9.76
hCG_31253	AOA024R8A7	High	59.79	26.00	39.00	23.00	572.00	61.60	8.38
PNO1	Q9NRX1	High	68.65	19.00	63.00	19.00	252.00	27.90	9.73
FRG1	Q14331	High	53.49	14.00	26.00	14.00	258.00	29.20	9.01
RPS14	P62263	High	37.75	6.00	12.00	6.00	151.00	16.30	10.05
MCCC1	Q96RQ3	High	17.10	9.00	10.00	1.00	725.00	80.40	7.78
RPS6	A2A3R6	High	31.33	10.00	18.00	10.00	249.00	28.70	10.84
CCT7	Q53HV2	High	29.65	15.00	16.00	15.00	543.00	59.30	7.65
RPL18	J3QQ67	High	25.26	4.00	8.00	4.00	190.00	21.80	11.72
ARL6IP4	AOA0C4DG62	High	32.11	8.00	9.00	8.00	218.00	24.60	10.95
LUC7L2	Q9Y383	High	38.27	15.00	26.00	10.00	392.00	46.50	10.01
VAPA	Q9POL0	High	67.87	17.00	114.00	16.00	249.00	27.90	8.62
SLC25A6	Q59EI9	High	43.65	15.00	21.00	2.00	323.00	35.40	9.85
RPS15A	P62244	High	41.54	6.00	11.00	6.00	130.00	14.80	10.13
UTP14A	Q9BVJ6	High	33.85	25.00	27.00	16.00	771.00	87.90	7.87
RPS24	P62847	High	38.35	5.00	10.00	5.00	133.00	15.40	10.78
RPS27	P42677	High	39.29	4.00	5.00	2.00	84.00	9.50	9.45
HEL-S-89n	V9HWB4	High	49.85	33.00	44.00	31.00	654.00	72.30	5.16
RCC2	AOA024RAC5	High	39.85	18.00	18.00	18.00	522.00	56.00	8.78

THYN1	A0A024R3M1	High	16.89	4.00	4.00	4.00	225.00	25.70	9.25
RAVER1	E9PAU2	High	27.65	12.00	19.00	12.00	756.00	79.50	8.92
RPL30	P62888	High	71.30	8.00	18.00	8.00	115.00	12.80	9.63
ATXN2L	Q8WWM7	High	20.19	17.00	19.00	2.00	1075.00	113.30	8.59
CLINT1	Q14677	High	28.48	16.00	21.00	16.00	625.00	68.20	6.42
RPL22	P35268	High	39.06	3.00	6.00	3.00	128.00	14.80	9.19
NOP14	A8KA74	High	26.84	21.00	24.00	21.00	857.00	97.60	7.69
RPS25	P62851	High	35.20	6.00	8.00	6.00	125.00	13.70	10.11
TRAF3IP2	O43734	High	32.93	12.00	16.00	12.00	574.00	64.60	6.76
RBM17	Q5W009	High	30.67	11.00	13.00	11.00	401.00	44.90	5.97
PML	P29590	High	9.75	8.00	9.00	8.00	882.00	97.50	6.21
SNRNP27	Q8WVK2	High	37.42	7.00	13.00	7.00	155.00	18.80	11.62
RBM39	Q14498	High	19.81	9.00	11.00	9.00	530.00	59.30	10.10
HEL-S-69	V9HW37	High	17.38	10.00	12.00	9.00	541.00	59.60	5.66
MAP7D2	A0A0M4F6E1	High	18.17	12.00	13.00	12.00	765.00	85.00	8.56
HMGA1	A0A024RCT9	High	10.06	4.00	9.00	2.00	328.00	34.30	10.37
CCT6A	B2R9K8	High	19.40	10.00	10.00	10.00	531.00	57.90	6.80
TAF2	Q6P1X5	High	4.00	4.00	5.00	2.00	1199.00	136.90	8.19
CCT8	P50990	High	30.84	15.00	17.00	15.00	548.00	59.60	5.60
PARN	O95453	High	6.73	4.00	5.00	4.00	639.00	73.40	6.20
CCT3	Q59H77	High	15.42	8.00	9.00	8.00	577.00	63.50	6.43
FAU	E9PR30	High	10.20	1.00	2.00	1.00	98.00	10.90	11.56
FLJ78186	A8K3Y5	High	11.61	4.00	7.00	4.00	379.00	43.60	9.57
HCK	J3KPD6	High	2.85	2.00	2.00	1.00	526.00	59.50	6.70
FTSJ3	Q8IY81	High	5.67	5.00	5.00	5.00	847.00	96.50	8.40
SLC25A5	Q6NVC0	High	41.18	14.00	25.00	4.00	323.00	35.30	9.82
TCP1	P17987	High	12.95	7.00	8.00	7.00	556.00	60.30	6.11
IRF4	Q15306	High	17.52	9.00	9.00	9.00	451.00	51.70	6.86
BRWD2	B2RCJ6	High	26.06	27.00	31.00	27.00	1224.00	136.70	6.92
SLC25A3	Q00325	High	30.39	11.00	12.00	11.00	362.00	40.10	9.38

RPS20	P60866	High	31.93	4.00	8.00	4.00	119.00	13.40	9.94
ARGLU1	Q9NWB6	High	19.05	9.00	9.00	9.00	273.00	33.20	10.35
LRRC59	Q96AG4	High	38.44	11.00	13.00	11.00	307.00	34.90	9.57
CWF19L2	Q2TBE0	High	8.28	7.00	7.00	7.00	894.00	103.70	8.65
CCT2	P78371	High	29.91	15.00	17.00	15.00	535.00	57.50	6.46
NFAT5	O94916	High	1.24	1.00	1.00	1.00	1531.00	165.70	5.24
RPS28	B2R4R9	High	46.38	3.00	5.00	3.00	69.00	7.80	10.70
EMG1	A8K6D2	High	21.31	4.00	6.00	4.00	244.00	26.70	9.17
FAM111A	Q96PZ2	Medium	2.45	1.00	1.00	1.00	611.00	70.20	8.53
CCT4	A8K3C3	High	23.38	13.00	14.00	12.00	539.00	57.90	7.83
ORF11	A0A0N9RLH1	High	16.46	5.00	5.00	5.00	407.00	45.20	9.54
TOP1	B9EG90	High	8.50	6.00	7.00	6.00	765.00	90.60	9.31
K4	F5HFL9	High	31.91	5.00	5.00	5.00	94.00	10.50	9.64

b) Protein Quantification

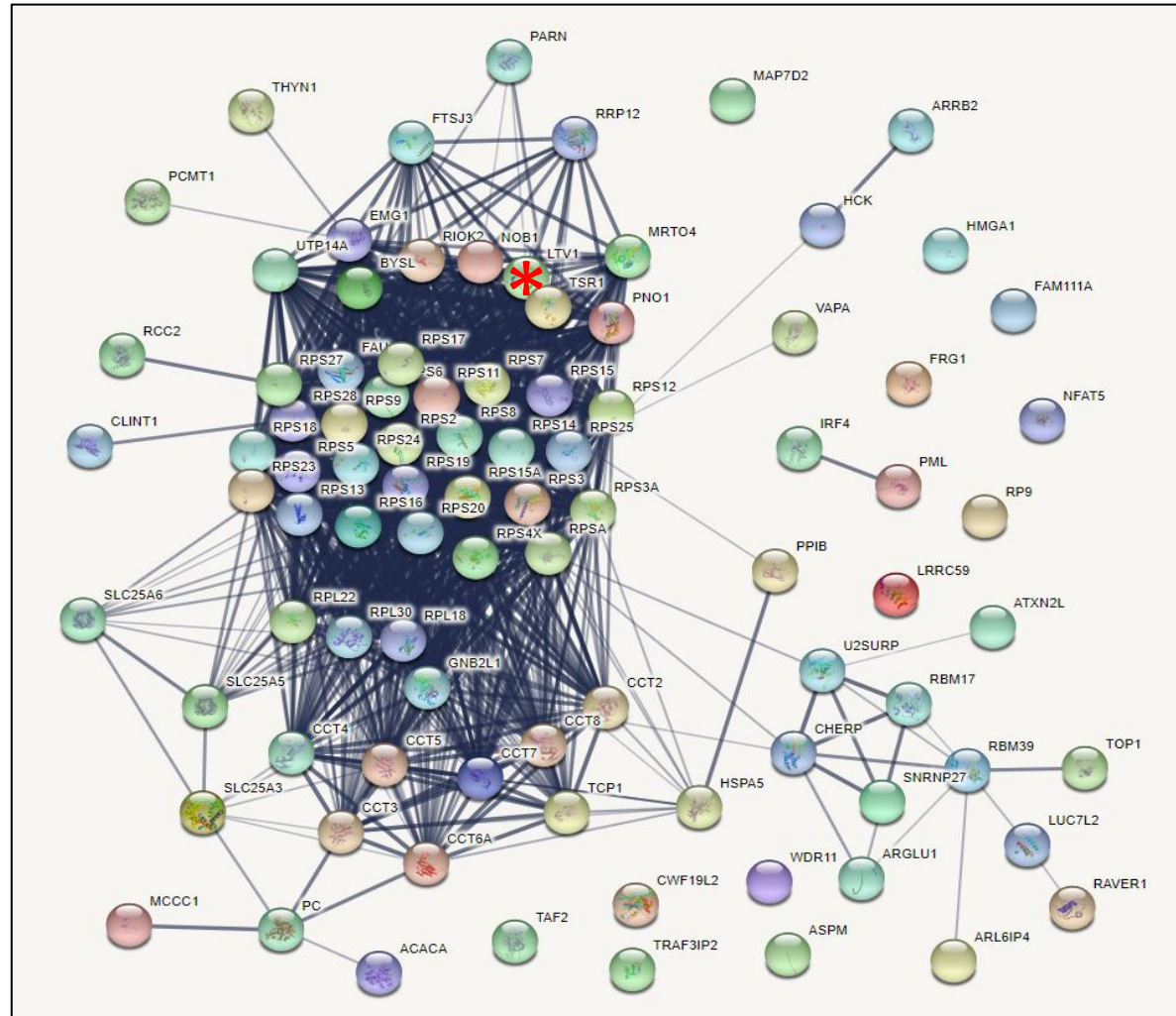
Gene Name	Abundance TReX Latent	Abundance TReX Lytic	Abundance LTV1 Latent	Abundance LTV1 Lytic	Abundance Total Latent	Abundance Total Lytic	Abundance Log Latent	Abundance Log Lytic	Log Ratio (Lytic/Latent)
LTV1	188.10	467.80	25399.30	14895.30	25211.20	14427.50	4.40	4.16	0.94
RPS3	483.50	533.90	13036.80	8009.80	12553.30	7475.90	4.10	3.87	0.95
ACACA	6318.70	14440.10	15279.20	18003.60	8960.50	3563.50	3.95	3.55	0.90
TSR1	139.20	177.40	3045.90	3975.00	2906.70	3797.60	3.46	3.58	1.03
RRP12	541.40	651.60	3243.90	3484.60	2702.50	2833.00	3.43	3.45	1.01
MRTO4	1678.20	2552.70	4211.20	3018.80	2533.00	466.10	3.40	2.67	0.78
BYSL	324.50	427.30	2712.60	2439.30	2388.10	2012.00	3.38	3.30	0.98
CHERP	2491.70	3620.30	4732.20	4810.30	2240.50	1190.00	3.35	3.08	0.92
RIOK2	199.30	244.90	1791.60	1566.00	1592.30	1321.10	3.20	3.12	0.97
RPS3A	439.90	437.40	1944.00	2382.80	1504.10	1945.40	3.18	3.29	1.04
PC	2156.10	3110.30	3653.00	4014.80	1496.90	904.50	3.18	2.96	0.93
RPS2	382.10	197.80	1779.10	2046.10	1397.00	1848.30	3.15	3.27	1.04
RPS15	326.70	163.20	1568.20	1887.90	1241.50	1724.70	3.09	3.24	1.05
NOB1P	114.80	97.10	1274.80	1250.70	1160.00	1153.60	3.06	3.06	1.00
RPS11	325.60	342.30	1479.40	1911.00	1153.80	1568.70	3.06	3.20	1.04
RPS4X	261.30	188.90	1355.40	1510.00	1094.10	1321.10	3.04	3.12	1.03
RPS23	487.70	457.00	1571.70	1805.00	1084.00	1348.00	3.04	3.13	1.03
RACK1	587.50	490.80	1670.20	1537.50	1082.70	1046.70	3.03	3.02	1.00
PPIB	4786.20	7953.60	5825.50	6278.70	1039.30	1.00	3.02	0.00	-
RPS7	224.30	202.20	1235.70	1312.40	1011.40	1110.20	3.00	3.05	1.01
RPS12	245.90	145.70	1239.00	1049.20	993.10	903.50	3.00	2.96	0.99
PCMT1	1974.30	3162.80	2963.50	3272.20	989.20	109.40	3.00	2.04	0.68
RPS19	323.10	339.60	1250.40	1679.20	927.30	1339.60	2.97	3.13	1.05
RPS13	257.90	187.30	1173.50	1324.30	915.60	1137.00	2.96	3.06	1.03
RPS17	286.80	208.00	1202.20	1301.00	915.40	1093.00	2.96	3.04	1.03

N/A	6869.40	10904.70	7777.80	9536.90	908.40	1.00	2.96	0.00	-
RPS18	332.80	212.50	1185.10	1222.10	852.30	1009.60	2.93	3.00	1.03
RPS9	232.70	157.70	1082.40	1240.20	849.70	1082.50	2.93	3.03	1.04
RPS16	334.00	263.80	1161.20	1302.20	827.20	1038.40	2.92	3.02	1.03
ASPM	153.70	263.80	944.10	375.90	790.40	112.10	2.90	2.05	0.71
RPS8	159.00	70.20	939.40	1171.70	780.40	1101.50	2.89	3.04	1.05
RP9	1254.50	2238.30	2017.10	2558.90	762.60	320.60	2.88	2.51	0.87
U2SURP	1292.60	2628.10	2031.10	2881.80	738.50	253.70	2.87	2.40	0.84
RPSA	146.10	71.50	879.60	794.50	733.50	723.00	2.87	2.86	1.00
ARRB2	967.20	1319.40	1688.80	1884.40	721.60	565.00	2.86	2.75	0.96
RPS5	279.10	172.40	993.90	948.10	714.80	775.70	2.85	2.89	1.01
hCG_31253	2136.60	3110.00	2844.00	3439.40	707.40	329.40	2.85	2.52	0.88
PNO1	457.20	624.70	1117.50	1157.90	660.30	533.20	2.82	2.73	0.97
FRG1	2006.60	3514.70	2644.60	3271.40	638.00	1.00	2.80	0.00	-
RPS14	127.50	99.10	746.50	822.60	619.00	723.50	2.79	2.86	1.02
MCCC1	718.70	1193.60	1287.60	1536.70	568.90	343.10	2.76	2.54	0.92
RPS6	206.90	192.00	770.20	1126.10	563.30	934.10	2.75	2.97	1.08
CCT7	2009.30	1178.60	2569.30	1902.00	560.00	723.40	2.75	2.86	1.04
RPL18	166.70	112.40	692.70	503.70	526.00	391.30	2.72	2.59	0.95
ARL6IP4	948.70	1162.10	1445.00	846.50	496.30	1.00	2.70	0.00	-
LUC7L2	1917.40	3348.10	2405.00	3265.20	487.60	1.00	2.69	0.00	-
VAPA	581.50	863.60	1056.30	1368.90	474.80	505.30	2.68	2.70	1.01
SLC25A6	1537.70	2421.30	1983.80	2460.70	446.10	39.40	2.65	1.60	0.60
RPS15A	114.90	89.80	554.40	645.00	439.50	555.20	2.64	2.74	1.04
UTP14A	141.60	117.40	570.00	436.50	428.40	319.10	2.63	2.50	0.95
RPS24	177.10	108.70	597.70	830.60	420.60	721.90	2.62	2.86	1.09
RPS27	125.50	96.60	546.00	548.80	420.50	452.20	2.62	2.66	1.01
HEL-S-89n	3214.30	4765.90	3631.00	4691.20	416.70	1.00	2.62	0.00	-
RCC2	1977.90	3015.40	2391.20	2329.40	413.30	1.00	2.62	0.00	-
THYN1	192.70	788.70	605.70	136.80	413.00	1.00	2.62	0.00	-

RAVER1	797.60	1297.80	1202.40	1733.10	404.80	435.30	2.61	2.64	1.01
RPL30	891.70	1464.20	1248.40	1771.10	356.70	306.90	2.55	2.49	0.97
ATXN2L	1058.40	1229.70	1408.50	1326.60	350.10	96.90	2.54	1.99	0.78
CLINT1	1174.60	1523.90	1523.10	1446.80	348.50	1.00	2.54	0.00	-
RPL22	304.40	508.00	639.60	859.30	335.20	351.30	2.53	2.55	1.01
NOP14	183.50	203.60	517.60	823.20	334.10	619.60	2.52	2.79	1.11
RPS25	296.00	402.80	628.10	741.90	332.10	339.10	2.52	2.53	1.00
TRAF3IP2	753.30	1024.10	1084.10	1197.20	330.80	173.10	2.52	2.24	0.89
RBM17	624.80	1221.30	924.90	1403.80	300.10	182.50	2.48	2.26	0.91
PML	362.70	505.50	648.90	624.80	286.20	119.30	2.46	2.08	0.85
SNRNP27	989.00	1580.10	1274.40	1651.90	285.40	71.80	2.46	1.86	0.76
RBM39	661.30	1420.90	938.60	1476.30	277.30	55.40	2.44	1.74	0.71
HEL-S-69	1546.20	803.40	1820.60	1296.30	274.40	492.90	2.44	2.69	1.10
MAP7D2	823.60	812.90	1091.80	972.70	268.20	159.80	2.43	2.20	0.91
HMGA1	1321.90	1968.80	1567.70	1984.20	245.80	15.40	2.39	1.19	0.50
CCT6A	706.30	524.50	947.90	723.60	241.60	199.10	2.38	2.30	0.96
TAF2	331.00	528.30	569.20	780.20	238.20	251.90	2.38	2.40	1.01
CCT8	1814.30	1102.50	2050.40	1764.90	236.10	662.40	2.37	2.82	1.19
PARN	83.40	119.50	315.90	390.10	232.50	270.60	2.37	2.43	1.03
CCT3	998.40	671.40	1222.40	1003.60	224.00	332.20	2.35	2.52	1.07
FAU	88.50	56.30	306.50	271.80	218.00	215.50	2.34	2.33	1.00
FLJ78186	348.30	1023.30	563.60	1040.50	215.30	17.20	2.33	1.24	0.53
HCK	599.70	1018.70	807.80	950.60	208.10	1.00	2.32	0.00	-
FTSJ3	138.10	118.80	343.90	325.10	205.80	206.30	2.31	2.31	1.00
SLC25A5	826.10	1207.00	1027.30	1281.70	201.20	74.70	2.30	1.87	0.81
TCP1	791.90	490.40	975.60	826.30	183.70	335.90	2.26	2.53	1.12
IRF4	1008.10	1240.00	1187.10	1128.50	179.00	1.00	2.25	0.00	-
BRWD2	256.80	386.00	432.30	458.50	175.50	72.50	2.24	1.86	0.83
SLC25A3	677.00	976.80	845.00	1025.60	168.00	48.80	2.23	1.69	0.76
RPS20	212.00	573.10	368.50	154.30	156.50	1.00	2.19	0.00	-

ARGLU1	501.40	1004.10	654.40	981.00	153.00	1.00	2.18	0.00	-
LRRRC59	610.90	844.90	763.80	761.50	152.90	1.00	2.18	0.00	-
CWF19L2	321.60	604.00	473.30	631.20	151.70	27.20	2.18	1.43	0.66
CCT2	2075.60	1255.10	2224.50	1733.20	148.90	478.10	2.17	2.68	1.23
NFAT5	654.00	858.80	795.10	1112.10	141.10	253.30	2.15	2.40	1.12
RPS28	113.50	93.30	234.70	276.30	121.20	183.00	2.08	2.26	1.09
EMG1	248.80	317.90	364.60	485.10	115.80	167.20	2.06	2.22	1.08
FAM111A	140.40	319.90	226.20	505.70	85.80	185.80	1.93	2.27	1.17
CCT4	988.10	591.50	1062.90	791.80	74.80	200.30	1.87	2.30	1.23
ORF11	13.00	168.30	43.40	606.70	30.40	438.40	1.48	2.64	1.78
TOP1	349.40	474.70	376.50	674.00	27.10	199.30	1.43	2.30	1.60
K4	111.50	612.90	124.40	1435.50	12.90	822.60	1.11	2.92	2.62

c) Human Proteins STRING Interaction Maps



1.3 DIMT1 Pulldown

a) Protein Identification

Gene name	Accession	Protein FDR Confidence	Coverage	# Peptides	# PSMs	# Unique Peptides	# AAs	MW [kDa]	Calc. pI
DIMT1	Q9UNQ2	High	69.97	20.00	169.00	20.00	313.00	35.20	9.99
RPL23A	P62750	High	48.08	10.00	12.00	10.00	156.00	17.70	10.45
PABPC1	P11940	High	22.33	13.00	16.00	9.00	636.00	70.60	9.50
RPL7A	P62424	High	37.97	12.00	16.00	12.00	266.00	30.00	10.61
RPS10	Q59GE4	High	32.18	8.00	11.00	8.00	174.00	19.80	9.91
RPL4	Q59GY2	High	26.53	11.00	15.00	11.00	441.00	49.00	11.02
RPS3	P23396	High	53.91	12.00	16.00	12.00	243.00	26.70	9.66
RPLP0	AOA024RBS2	High	39.75	10.00	14.00	10.00	317.00	34.30	5.97
RPL13A	MOQYS1	High	25.24	6.00	7.00	6.00	210.00	24.20	10.86
RPSA	AOA0C4DG17	High	41.00	8.00	10.00	8.00	300.00	33.30	4.87
HNRNPM	P52272	High	20.82	16.00	16.00	16.00	730.00	77.50	8.70
RPL32	F8W727	High	33.99	5.00	6.00	5.00	153.00	18.00	10.59
RPS2	P15880	High	36.18	10.00	16.00	10.00	293.00	31.30	10.24
RACK1	E9KL35	High	50.79	14.00	19.00	14.00	317.00	35.10	7.69
RPS17	AOA075B716	High	16.23	4.00	6.00	4.00	191.00	21.60	8.92
RPS4X	P62701	High	41.44	11.00	15.00	11.00	263.00	29.60	10.15
RPS8	Q5JR94	High	42.31	7.00	11.00	7.00	208.00	24.20	10.32
RPL6	Q9HBB3	High	25.61	7.00	10.00	7.00	289.00	32.90	10.58
RPS3A	A8K4W0	High	37.12	12.00	13.00	12.00	264.00	29.90	9.73
RPS11	P62280	High	55.70	10.00	11.00	10.00	158.00	18.40	10.30
RPL12	P30050	High	48.48	7.00	9.00	7.00	165.00	17.80	9.42
RPS24	P62847	High	24.81	4.00	5.00	4.00	133.00	15.40	10.78
RPL7	AOA024R814	High	28.96	7.00	9.00	7.00	259.00	30.40	10.71
RPL35	P42766	High	31.71	5.00	6.00	5.00	123.00	14.50	11.05

RPL18A	B2R4C0	High	27.84	5.00	7.00	5.00	176.00	20.70	10.71
TUBB	Q5SU16	High	30.41	12.00	28.00	3.00	444.00	49.60	4.89
RPL5	Q59GX9	High	27.06	9.00	10.00	9.00	303.00	35.20	9.85
RPS19	Q8WVX7	High	38.22	6.00	8.00	6.00	157.00	17.30	10.52
RPL14	Q6IPH7	High	29.09	7.00	8.00	7.00	220.00	23.80	10.93
EPB41L2	O43491	Medium	0.60	1.00	1.00	1.00	1005.00	112.50	5.44
RPL31	B7Z4C8	High	22.31	3.00	4.00	3.00	130.00	15.10	10.37
RPS7	P62081	High	27.32	6.00	9.00	6.00	194.00	22.10	10.10
RPL27	A0A024R1V4	High	33.09	6.00	6.00	6.00	136.00	15.80	10.56
RPS12	P25398	High	53.79	7.00	8.00	7.00	132.00	14.50	7.21
RPL8	P62917	High	19.07	5.00	6.00	5.00	257.00	28.00	11.03
RPL3	P39023	High	18.11	8.00	9.00	8.00	403.00	46.10	10.18
RPL10A	P62906	High	29.49	5.00	7.00	5.00	217.00	24.80	9.94
RPL10	P27635	High	17.29	4.00	5.00	4.00	214.00	24.60	10.08
RPS23	A8K517	High	25.87	4.00	5.00	4.00	143.00	15.80	10.49
RPS14	P62263	High	29.14	4.00	6.00	4.00	151.00	16.30	10.05
RPS9	P46781	High	33.51	9.00	10.00	9.00	194.00	22.60	10.65
RPL37A	P61513	High	50.00	5.00	6.00	5.00	92.00	10.30	10.43
RPS13	P62277	High	44.37	8.00	11.00	8.00	151.00	17.20	10.54
RPL26	P61254	High	28.28	5.00	6.00	5.00	145.00	17.20	10.55
RPS20	P60866	High	26.89	3.00	4.00	3.00	119.00	13.40	9.94
RPL34	P49207	High	28.21	4.00	4.00	4.00	117.00	13.30	11.47
RPLP2	P05387	High	50.43	3.00	3.00	3.00	115.00	11.70	4.54
BMS1	Q14692	High	8.03	9.00	9.00	9.00	1282.00	145.70	6.44
RPL21	Q6IAX2	High	29.38	5.00	6.00	5.00	160.00	18.60	10.49
RPL13	P26373	High	22.27	5.00	9.00	5.00	211.00	24.20	11.65
RPS5	MOROR2	High	20.44	5.00	6.00	5.00	225.00	25.30	9.76
RPL24	P83731	High	31.21	7.00	10.00	7.00	157.00	17.80	11.25
RPS6	A2A3R6	High	25.30	7.00	8.00	7.00	249.00	28.70	10.84
RCN2	Q14257	High	6.31	2.00	2.00	2.00	317.00	36.90	4.40

RPL36	Q9Y3U8	High	18.10	2.00	3.00	2.00	105.00	12.20	11.59
PPM1G	B2R665	High	3.48	2.00	2.00	2.00	546.00	59.20	4.36
RCL1	Q9Y2P8	High	6.17	2.00	3.00	2.00	373.00	40.80	9.26
RPS16	P62249	High	30.82	5.00	6.00	5.00	146.00	16.40	10.21
RPL15	A0A024R2Q4	High	24.51	5.00	7.00	5.00	204.00	24.10	11.62
RPS15A	A8K7H3	High	35.38	5.00	5.00	5.00	130.00	14.80	10.13
IGF2BP1	Q9NZI8	High	7.45	5.00	5.00	4.00	577.00	63.40	9.20
RPL18	J3QQ67	High	18.42	3.00	3.00	3.00	190.00	21.80	11.72
RPL19	P84098	High	18.37	4.00	5.00	4.00	196.00	23.50	11.47
MTDH	Q86UE4	High	14.95	7.00	7.00	7.00	582.00	63.80	9.32
RPL37	P61927	High	21.65	3.00	3.00	3.00	97.00	11.10	11.74
RPL9	Q53Z07	High	18.23	3.00	4.00	3.00	192.00	21.90	9.95
VAPA	Q9P0L0	High	21.29	4.00	5.00	3.00	249.00	27.90	8.62
RPL35A	P18077	High	20.91	3.00	3.00	3.00	110.00	12.50	11.06
PABPC4	Q6IQ30	High	10.15	7.00	9.00	3.00	660.00	72.30	9.35
RPL28	P46779	High	17.52	3.00	3.00	3.00	137.00	15.70	12.02
IGF2BP3	O00425	High	8.81	5.00	5.00	4.00	579.00	63.70	8.87
RPLP1	A0A024R608	High	42.98	2.00	2.00	1.00	114.00	11.50	4.32
RPL11	P62913	High	15.73	3.00	4.00	3.00	178.00	20.20	9.60
RPS18	P62269	High	23.03	4.00	4.00	4.00	152.00	17.70	10.99
TUBA1B	P68363	High	38.58	14.00	26.00	14.00	451.00	50.10	5.06
SET	A0A024R895	High	16.97	4.00	7.00	4.00	277.00	32.10	4.22
RPL27A	P46776	High	14.86	2.00	3.00	2.00	148.00	16.60	11.00
RRBP1	A7BI36	High	26.10	11.00	13.00	11.00	1540.00	165.60	8.97
PRRC2C	Q9Y520	High	3.42	9.00	10.00	9.00	2896.00	316.70	9.13
EIF3CL	B5ME19	Medium	0.88	1.00	1.00	1.00	914.00	105.40	5.64
PTDSS1	A8KAH1	High	1.69	1.00	1.00	1.00	473.00	55.40	8.38
RPS15	K7ELC2	High	7.89	1.00	2.00	1.00	152.00	17.70	10.39
FAU	E9PR30	High	10.20	1.00	2.00	1.00	98.00	10.90	11.56
CT45A4	P0DMU6	High	37.57	5.00	5.00	5.00	189.00	21.20	9.76

RPS27	P42677	High	29.76	3.00	3.00	2.00	84.00	9.50	9.45
RPL23	A0A024R1Q8	High	27.14	3.00	4.00	3.00	140.00	14.90	10.51
eIF3a	J9R021	High	2.82	3.00	3.00	3.00	1382.00	166.40	6.79
HADHA	E9KL44	High	3.54	3.00	3.00	3.00	763.00	82.90	9.04
YBX1	HOY449	High	8.29	2.00	2.00	2.00	374.00	42.00	10.43
TBL2	B2RB52	High	6.94	3.00	3.00	3.00	447.00	49.80	9.44
MOGS	Q13724	High	7.29	5.00	5.00	5.00	837.00	91.90	8.90
SDC1	P18827	High	9.35	2.00	2.00	2.00	310.00	32.40	4.63
LARP1	Q6PKG0	High	3.01	3.00	3.00	3.00	1096.00	123.40	8.82
HADHB	P55084	High	9.28	5.00	5.00	5.00	474.00	51.30	9.41
PNMA5	Q96PV4	High	4.46	2.00	2.00	2.00	448.00	49.90	6.73
LRRC59	Q96AG4	High	19.87	6.00	7.00	6.00	307.00	34.90	9.57
ZNF66	Q6ZN08	High	22.51	3.00	3.00	2.00	573.00	65.80	9.33
EEF2	P13639	High	14.22	12.00	14.00	12.00	858.00	95.30	6.83
KPNA3	A0A024RDV7	Medium	1.15	1.00	1.00	1.00	521.00	57.80	4.94
HIST2H2BF	B4DR52	High	15.66	3.00	3.00	3.00	166.00	18.00	10.32
RPS28	B2R4R9	High	46.38	3.00	4.00	3.00	69.00	7.80	10.70
JSRP1	Q96MG2	High	5.74	2.00	2.00	2.00	331.00	36.30	9.38
SEC61A1	B4DR61	High	10.37	5.00	6.00	5.00	482.00	52.90	8.24
ASCC2	Q9H118	High	1.59	1.00	1.00	1.00	757.00	86.30	5.16
NDUFA9	A8K4V2	High	3.45	1.00	1.00	1.00	377.00	42.40	9.86
RPLP1	Q6FG99	High	42.98	2.00	3.00	1.00	114.00	11.60	4.37
RPS25	P62851	High	28.00	6.00	10.00	6.00	125.00	13.70	10.11
RPL17-C18orf32	A0A0A6YYL6	High	10.09	2.00	4.00	2.00	228.00	26.40	10.10
ACACA	Q13085	High	42.46	83.00	144.00	83.00	2346.00	265.40	6.37
CHERP	J3QK89	High	25.24	21.00	37.00	21.00	927.00	104.90	9.19
FRG1	Q14331	High	49.22	13.00	28.00	13.00	258.00	29.20	9.01
HEL-S-72p	V9HW22	High	44.58	26.00	53.00	19.00	646.00	70.90	5.52
FAM32A	A0A024R7I4	High	35.71	4.00	14.00	4.00	112.00	13.20	9.99
RAVER1	E9PAU2	High	31.48	15.00	22.00	15.00	756.00	79.50	8.92

HEL-S-30	V9HWB8	High	22.22	12.00	14.00	12.00	531.00	57.90	7.84
K2	A0A0N9RP55	High	29.41	5.00	7.00	5.00	204.00	23.50	7.39
C19orf53	Q9UNZ5	High	33.33	5.00	6.00	5.00	99.00	10.60	11.55
RPL30	P62888	High	71.30	7.00	16.00	7.00	115.00	12.80	9.63
THEM4	Q5T1C6	High	20.42	5.00	5.00	5.00	240.00	27.10	8.28
K6	K0FCD5	Medium	4.42	1.00	1.00	1.00	181.00	20.50	9.60
ORF11	A0A0N9RLH1	High	8.85	3.00	3.00	3.00	407.00	45.20	9.54

b) Protein Quantification

Gene name	Abundance TReX Latent	Abundance TReX Lytic	Abundance DMT1 Latent	Abundance DIMT1 Lytic	Abundance Total Latent	Abundance Total Lytic	Abundance Log Latent	Abundance Log Lytic	Log Ratio (Lytic/Latent)
DIMT1	2039.80	1116.00	80855.10	43677.60	78815.30	42561.60	4.90	4.63	0.95
RPL23A	528.80	1350.30	4431.80	2936.00	3903.00	1585.70	3.59	3.20	0.89
PABPC1	457.60	197.20	3638.40	1515.00	3180.80	1317.80	3.50	3.12	0.89
RPL7A	386.30	357.20	3469.40	2602.00	3083.10	2244.80	3.49	3.35	0.96
RPS10	679.20	393.50	3437.70	2520.80	2758.50	2127.30	3.44	3.33	0.97
RPL4	330.60	444.90	2887.40	2396.40	2556.80	1951.50	3.41	3.29	0.97
RPS3	465.10	375.40	2833.70	1839.00	2368.60	1463.60	3.37	3.17	0.94
RPLP0	294.40	161.80	2587.60	2039.00	2293.20	1877.20	3.36	3.27	0.97
RPL13A	242.50	120.70	2499.80	1898.70	2257.30	1778.00	3.35	3.25	0.97
RPSA	233.00	108.50	2251.90	1239.20	2018.90	1130.70	3.31	3.05	0.92
HNRNPM	781.90	432.60	2722.40	1592.60	1940.50	1160.00	3.29	3.06	0.93
RPL32	175.30	148.50	2080.30	1543.70	1905.00	1395.20	3.28	3.14	0.96
RPS2	652.20	494.70	2429.20	1562.50	1777.00	1067.80	3.25	3.03	0.93
RACK1	355.10	257.50	2124.00	1348.30	1768.90	1090.80	3.25	3.04	0.94
RPS17	257.20	143.40	1941.50	1361.80	1684.30	1218.40	3.23	3.09	0.96
RPS4X	376.90	267.90	2045.80	1333.80	1668.90	1065.90	3.22	3.03	0.94
RPS8	199.30	307.50	1790.60	1111.00	1591.30	803.50	3.20	2.90	0.91
RPL6	266.10	480.50	1854.20	1583.40	1588.10	1102.90	3.20	3.04	0.95
RPS3A	362.00	293.60	1900.00	1321.20	1538.00	1027.60	3.19	3.01	0.95
RPS11	218.50	209.70	1755.60	1079.90	1537.10	870.20	3.19	2.94	0.92
RPL12	388.00	259.10	1903.60	1502.20	1515.60	1243.10	3.18	3.09	0.97
RPS24	234.70	187.50	1697.80	861.00	1463.10	673.50	3.17	2.83	0.89
RPL7	251.70	180.60	1701.60	1366.50	1449.90	1185.90	3.16	3.07	0.97
RPL35	211.00	246.60	1587.60	1289.00	1376.60	1042.40	3.14	3.02	0.96
RPL18A	159.30	115.00	1506.40	1192.20	1347.10	1077.20	3.13	3.03	0.97

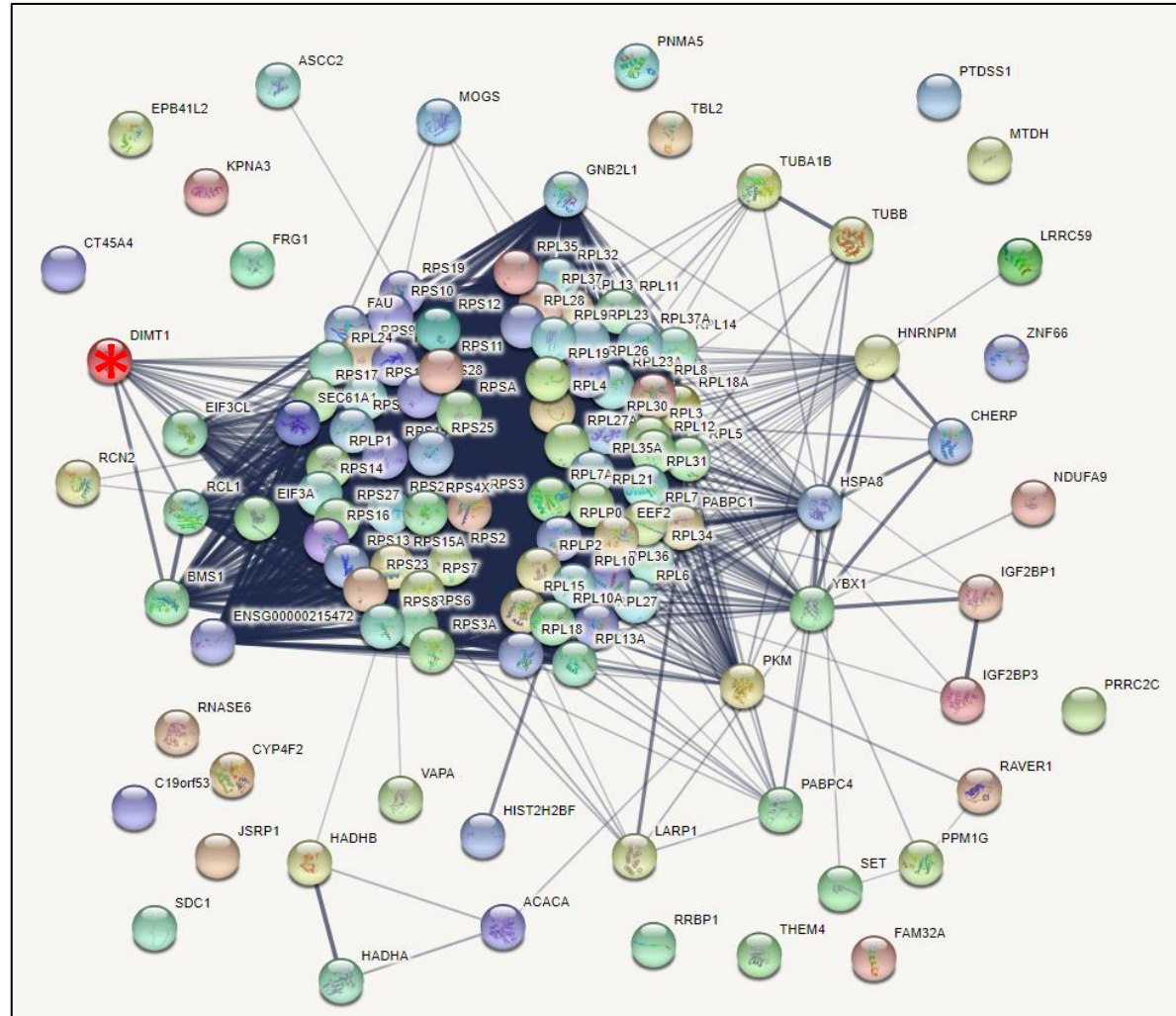
TUBB	1894.60	909.90	3130.00	2093.00	1235.40	1183.10	3.09	3.07	0.99
RPL5	342.80	262.70	1577.00	1151.50	1234.20	888.80	3.09	2.95	0.95
RPS19	171.50	98.10	1388.50	944.50	1217.00	846.40	3.09	2.93	0.95
RPL14	359.00	296.20	1574.40	1297.00	1215.40	1000.80	3.08	3.00	0.97
EPB41L2	33.00	0.00	1247.50	913.00	1214.50	913.00	3.08	2.96	0.96
RPL31	317.40	277.90	1518.80	1111.20	1201.40	833.30	3.08	2.92	0.95
RPS7	239.20	310.20	1416.90	971.70	1177.70	661.50	3.07	2.82	0.92
RPL27	189.60	110.90	1356.30	887.60	1166.70	776.70	3.07	2.89	0.94
RPS12	101.80	55.40	1237.20	824.90	1135.40	769.50	3.06	2.89	0.94
RPL8	144.60	128.50	1244.90	1092.90	1100.30	964.40	3.04	2.98	0.98
RPL3	432.00	396.40	1518.60	1204.70	1086.60	808.30	3.04	2.91	0.96
RPL10A	116.20	94.40	1088.70	852.20	972.50	757.80	2.99	2.88	0.96
RPL10	282.70	228.50	1246.10	996.10	963.40	767.60	2.98	2.89	0.97
RPS23	201.60	269.00	1162.00	821.00	960.40	552.00	2.98	2.74	0.92
RPS14	81.40	22.40	1029.90	647.60	948.50	625.20	2.98	2.80	0.94
RPS9	242.60	212.70	1182.90	784.30	940.30	571.60	2.97	2.76	0.93
RPL37A	257.20	250.10	1166.30	834.90	909.10	584.80	2.96	2.77	0.94
RPS13	232.70	214.40	1139.00	850.30	906.30	635.90	2.96	2.80	0.95
RPL26	170.80	177.60	1041.10	811.60	870.30	634.00	2.94	2.80	0.95
RPS20	119.80	103.10	988.00	566.90	868.20	463.80	2.94	2.67	0.91
RPL34	43.50	33.90	898.40	565.10	854.90	531.20	2.93	2.73	0.93
RPLP2	88.20	47.80	931.00	746.90	842.80	699.10	2.93	2.84	0.97
BMS1	334.40	240.30	1176.60	591.80	842.20	351.50	2.93	2.55	0.87
RPL21	324.50	291.60	1140.90	893.20	816.40	601.60	2.91	2.78	0.95
RPL13	190.70	154.70	968.20	873.10	777.50	718.40	2.89	2.86	0.99
RPS5	55.60	38.30	810.00	521.70	754.40	483.40	2.88	2.68	0.93
RPL24	278.20	390.60	987.00	869.10	708.80	478.50	2.85	2.68	0.94
RPS6	106.80	91.20	800.70	492.90	693.90	401.70	2.84	2.60	0.92
RCN2	100.00	95.70	782.90	300.80	682.90	205.10	2.83	2.31	0.82
RPL36	37.60	9.30	698.30	547.40	660.70	538.10	2.82	2.73	0.97

PPM1G	61.10	62.80	680.40	384.40	619.30	321.60	2.79	2.51	0.90
RCL1	70.00	35.60	685.00	387.30	615.00	351.70	2.79	2.55	0.91
RPS16	191.80	88.60	795.30	469.50	603.50	380.90	2.78	2.58	0.93
RPL15	386.60	350.90	980.70	782.50	594.10	431.60	2.77	2.64	0.95
RPS15A	75.20	73.20	662.30	420.40	587.10	347.20	2.77	2.54	0.92
IGF2BP1	161.00	140.00	738.10	455.20	577.10	315.20	2.76	2.50	0.90
RPL18	28.20	0.00	599.80	440.20	571.60	440.20	2.76	2.64	0.96
RPL19	97.30	74.50	663.00	540.80	565.70	466.30	2.75	2.67	0.97
MTDH	133.80	120.70	689.90	572.80	556.10	452.10	2.75	2.66	0.97
RPL37	81.90	73.00	615.30	534.40	533.40	461.40	2.73	2.66	0.98
RPL9	44.40	75.10	575.70	481.60	531.30	406.50	2.73	2.61	0.96
VAPA	118.70	99.30	594.90	351.20	476.20	251.90	2.68	2.40	0.90
RPL35A	230.90	182.80	692.30	493.00	461.40	310.20	2.66	2.49	0.94
PABPC4	38.10	41.90	483.50	235.30	445.40	193.40	2.65	2.29	0.86
RPL28	54.40	52.00	489.20	400.30	434.80	348.30	2.64	2.54	0.96
IGF2BP3	194.90	168.90	619.50	401.20	424.60	232.30	2.63	2.37	0.90
RPLP1	21.70	0.00	437.80	243.70	416.10	243.70	2.62	2.39	0.91
RPL11	141.00	131.10	556.20	460.30	415.20	329.20	2.62	2.52	0.96
RPS18	132.10	107.60	536.50	386.40	404.40	278.80	2.61	2.45	0.94
TUBA1B	2494.00	1022.70	2873.10	1901.90	379.10	879.20	2.58	2.94	1.14
SET	381.70	235.80	760.30	485.90	378.60	250.10	2.58	2.40	0.93
RPL27A	139.60	184.40	506.00	417.50	366.40	233.10	2.56	2.37	0.92
RRBP1	207.60	273.00	557.70	710.00	350.10	437.00	2.54	2.64	1.04
PRRC2C	204.80	166.90	528.70	353.20	323.90	186.30	2.51	2.27	0.90
EIF3CL	186.30	200.40	479.80	328.40	293.50	128.00	2.47	2.11	0.85
PTDSS1	97.50	109.10	389.60	337.20	292.10	228.10	2.47	2.36	0.96
RPS15	140.20	192.60	424.90	341.00	284.70	148.40	2.45	2.17	0.88
FAU	133.60	101.50	406.90	324.10	273.30	222.60	2.44	2.35	0.96
CT45A4	248.80	218.80	516.80	579.30	268.00	360.50	2.43	2.56	1.05
RPS27	117.50	93.90	385.30	269.70	267.80	175.80	2.43	2.25	0.92

RPL23	168.70	226.90	424.80	341.10	256.10	114.20	2.41	2.06	0.85
eIF3a	151.60	193.60	400.40	290.70	248.80	97.10	2.40	1.99	0.83
HADHA	94.50	77.90	329.80	230.20	235.30	152.30	2.37	2.18	0.92
YBX1	65.00	92.20	276.30	141.00	211.30	48.80	2.32	1.69	0.73
TBL2	90.40	91.10	296.70	205.40	206.30	114.30	2.31	2.06	0.89
MOGS	243.00	226.80	443.50	356.30	200.50	129.50	2.30	2.11	0.92
SDC1	26.10	7.90	219.40	104.40	193.30	96.50	2.29	1.98	0.87
LARP1	95.20	98.30	285.40	173.10	190.20	74.80	2.28	1.87	0.82
HADHB	169.60	148.30	356.20	258.20	186.60	109.90	2.27	2.04	0.90
PNMA5	122.90	102.00	308.90	209.20	186.00	107.20	2.27	2.03	0.89
LRRC59	617.60	1455.70	803.40	1164.40	185.80	1.00	2.27	0.00	-
ZNF66	155.70	92.00	335.50	259.60	179.80	167.60	2.25	2.22	0.99
EEF2	1007.20	600.30	1184.90	904.50	177.70	304.20	2.25	2.48	1.10
KPNA3	23.10	25.70	187.10	39.10	164.00	13.40	2.21	1.13	0.51
HIST2H2BF	389.80	505.60	552.10	464.50	162.30	1.00	2.21	0.00	-
RPS28	99.20	57.40	260.40	203.50	161.20	146.10	2.21	2.16	0.98
JSRP1	66.60	91.50	227.40	138.50	160.80	47.00	2.21	1.67	0.76
SEC61A1	215.80	249.20	376.20	436.50	160.40	187.30	2.21	2.27	1.03
ASCC2	5.00	17.70	162.60	34.90	157.60	17.20	2.20	1.24	0.56
NDUFA9	47.20	20.40	202.70	126.70	155.50	106.30	2.19	2.03	0.92
RPLP1	20.70	36.10	174.60	161.10	153.90	125.00	2.19	2.10	0.96
RPS25	990.10	933.00	1141.80	1486.00	151.70	553.00	2.18	2.74	1.26
RPL17-C18orf32	315.80	208.70	407.20	413.50	91.40	204.80	1.96	2.31	1.18
ACACA	19189.30	8149.40	6986.40	9031.70	1.00	882.30	0.00	2.95	+
CHERP	8061.20	1775.70	2997.20	1933.00	1.00	157.30	0.00	2.20	+
FRG1	3118.50	2228.00	1183.00	2818.60	1.00	590.60	0.00	2.77	+
HEL-S-72p	6282.10	3696.40	4537.40	4460.00	1.00	763.60	0.00	2.88	+
FAM32A	2147.80	1233.80	769.40	1406.60	1.00	172.80	0.00	2.24	+
RAVER1	1910.90	696.30	731.00	909.00	1.00	212.70	0.00	2.33	+
HEL-S-30	1411.70	587.90	729.60	740.60	1.00	152.70	0.00	2.18	+

K2	307.00	424.70	149.70	1009.70	1.00	585.00	0.00	2.77	+
C19orf53	718.40	713.30	565.30	931.10	1.00	217.80	0.00	2.34	+
RPL30	1048.80	1096.80	982.10	1299.00	1.00	202.20	0.00	2.31	+
THEM4	96.20	241.30	32.70	741.20	1.00	499.90	0.00	2.70	+
K6	130.00	516.60	74.30	870.40	1.00	353.80	0.00	2.55	+
ORF11	104.10	178.00	71.50	430.00	1.00	252.00	0.00	2.40	+

c) Human Proteins STRING Interaction Maps



1.4 TSR1 Pulldown

a) Protein Identification

Gene name	Accession	Protein FDR Confidence	Coverage	# Peptides	# PSMs	# Unique Peptides	# AAs	MW [kDa]	Calc. pI
TSR1	Q2NL82	High	51.74	37.00	296.00	37.00	804.00	91.80	7.42
HMGB1	A0A024RDRO	High	48.37	17.00	68.00	15.00	215.00	24.90	5.74
RPS3	P23396	High	53.91	12.00	16.00	12.00	243.00	26.70	9.66
RPS2	P15880	High	36.18	10.00	16.00	10.00	293.00	31.30	10.24
RPS4X	P62701	High	41.44	11.00	15.00	11.00	263.00	29.60	10.15
RPS7	P62081	High	27.32	6.00	9.00	6.00	194.00	22.10	10.10
RPS11	P62280	High	55.70	10.00	11.00	10.00	158.00	18.40	10.30
RPS8	Q5JR94	High	42.31	7.00	11.00	7.00	208.00	24.20	10.32
RPS10	Q59GE4	High	32.18	8.00	11.00	8.00	174.00	19.80	9.91
RPS17	A0A075B716	High	16.23	4.00	6.00	4.00	191.00	21.60	8.92
RPS3A	A8K4W0	High	37.12	12.00	13.00	12.00	264.00	29.90	9.73
RPSA	A0A0C4DG17	High	41.00	8.00	10.00	8.00	300.00	33.30	4.87
TMA7	Q9Y2S6	High	60.94	6.00	14.00	5.00	64.00	7.10	9.99
RACK1	E9KL35	High	50.79	14.00	19.00	14.00	317.00	35.10	7.69
RPS12	P25398	High	53.79	7.00	8.00	7.00	132.00	14.50	7.21
MANF	A8K878	High	40.54	9.00	10.00	9.00	185.00	21.10	8.92
HMGB2	P26583	High	45.93	15.00	58.00	11.00	209.00	24.00	7.81
RPS23	A8K517	High	25.87	4.00	5.00	4.00	143.00	15.80	10.49
RPS9	P46781	High	33.51	9.00	10.00	9.00	194.00	22.60	10.65
RPS19	Q8WVX7	High	38.22	6.00	8.00	6.00	157.00	17.30	10.52
RPS13	P62277	High	44.37	8.00	11.00	8.00	151.00	17.20	10.54
CACYBP	A0A024R904	High	40.79	8.00	11.00	8.00	228.00	26.20	8.25
RPL23A	P62750	High	48.08	10.00	12.00	10.00	156.00	17.70	10.45
FKBP3	Q00688	High	39.29	9.00	12.00	9.00	224.00	25.20	9.28

RPS24	P62847	High	24.81	4.00	5.00	4.00	133.00	15.40	10.78
RPS14	P62263	High	29.14	4.00	6.00	4.00	151.00	16.30	10.05
MACROD1	Q9BQ69	High	19.38	6.00	6.00	6.00	325.00	35.50	9.51
LTV1	Q96GA3	Medium	3.58	2.00	2.00	2.00	475.00	54.80	4.91
PNO1	Q9NRX1	High	25.79	6.00	6.00	6.00	252.00	27.90	9.73
CRIPT	Q9P021	High	57.43	8.00	20.00	7.00	101.00	11.20	9.47
RPL7A	P62424	High	37.97	12.00	16.00	12.00	266.00	30.00	10.61
PDAP1	Q13442	High	23.76	6.00	10.00	6.00	181.00	20.60	8.87
RPS5	MOR0R2	High	20.44	5.00	6.00	5.00	225.00	25.30	9.76
RPS6	A2A3R6	High	25.30	7.00	8.00	7.00	249.00	28.70	10.84
RPL32	F8W727	High	33.99	5.00	6.00	5.00	153.00	18.00	10.59
RPS16	P62249	High	30.82	5.00	6.00	5.00	146.00	16.40	10.21
RPL13A	MOQYS1	High	25.24	6.00	7.00	6.00	210.00	24.20	10.86
FEN1	Q6FHX6	High	29.47	10.00	13.00	10.00	380.00	42.60	8.62
RPS15A	A8K7H3	High	35.38	5.00	5.00	5.00	130.00	14.80	10.13
TCEA1	P23193	High	34.55	9.00	10.00	9.00	301.00	33.90	8.38
RPL4	Q59GY2	High	26.53	11.00	15.00	11.00	441.00	49.00	11.02
RPLP0	AOA024RBS2	High	39.75	10.00	14.00	10.00	317.00	34.30	5.97
RPS20	P60866	High	26.89	3.00	4.00	3.00	119.00	13.40	9.94
EIF1AX	P47813	High	32.64	6.00	8.00	6.00	144.00	16.50	5.24
KRT17	Q04695	High	12.27	5.00	6.00	2.00	432.00	48.10	5.02
FKBP2	P26885	Medium	4.93	1.00	1.00	1.00	142.00	15.60	9.13
NOC4L	Q9BVI4	High	41.67	22.00	121.00	22.00	516.00	58.40	7.49
STIM1	G0XQ39	Medium	2.15	2.00	2.00	2.00	791.00	88.60	6.64
CSNK2A1	Q5U5J2	High	10.83	3.00	4.00	3.00	397.00	45.90	7.96
HLA-A	AOA0Y0D599	High	4.66	2.00	2.00	1.00	365.00	41.00	6.39
RCC2	AOA024RAC5	High	39.85	18.00	33.00	18.00	522.00	56.00	8.78
PHF6	AOA0D9SGE8	High	22.13	7.00	8.00	7.00	366.00	41.30	8.68
NACA	E9PAV3	High	2.02	3.00	6.00	3.00	2078.00	205.30	9.58
PA2G4	Q05D08	High	22.91	9.00	10.00	9.00	406.00	45.10	8.95

ANXA2	AOA024R5Z7	High	52.21	17.00	19.00	17.00	339.00	38.60	7.75
TCOF1	Q13428	High	8.13	10.00	11.00	10.00	1488.00	152.00	9.04
SBDS	AOA087X020	High	24.80	6.00	6.00	6.00	250.00	28.80	8.75
NAP1L4	B4DS05	High	4.15	2.00	3.00	1.00	386.00	44.10	4.70
RPS18	P62269	High	23.03	4.00	4.00	4.00	152.00	17.70	10.99
MESDC2	Q14696	High	11.97	3.00	3.00	3.00	234.00	26.10	7.78
NOB1P	B2RAR2	Medium	4.13	2.00	2.00	2.00	412.00	46.60	7.18
RPL18A	B2R4C0	High	27.84	5.00	7.00	5.00	176.00	20.70	10.71
LUC7L3	J3KPP4	High	14.72	7.00	8.00	7.00	489.00	58.20	9.92
RPL8	P62917	High	19.07	5.00	6.00	5.00	257.00	28.00	11.03
RPLP2	P05387	High	50.43	3.00	3.00	3.00	115.00	11.70	4.54
KLHL26	Q53HC5	Medium	1.30	1.00	1.00	1.00	615.00	68.10	6.48
RPL24	P83731	High	31.21	7.00	10.00	7.00	157.00	17.80	11.25
RPL6	Q9HBB3	High	25.61	7.00	10.00	7.00	289.00	32.90	10.58
RIOK2	Q9BVS4	High	8.15	3.00	3.00	3.00	552.00	63.20	5.94
METAP2	P50579	High	11.51	4.00	4.00	4.00	478.00	52.90	5.82
BYSL	Q13895	High	5.49	2.00	2.00	2.00	437.00	49.60	8.12
RPL10A	P62906	High	29.49	5.00	7.00	5.00	217.00	24.80	9.94
RPL7	AOA024R814	High	28.96	7.00	9.00	7.00	259.00	30.40	10.71
RPS27	P42677	High	29.76	3.00	3.00	2.00	84.00	9.50	9.45
PIN4	Q9Y237	High	35.11	5.00	6.00	5.00	131.00	13.80	9.77
PABPC1	P11940	High	22.33	13.00	16.00	9.00	636.00	70.60	9.50
SMAP	O00193	High	7.65	2.00	2.00	2.00	183.00	20.30	4.72
RPL35	P42766	High	31.71	5.00	6.00	5.00	123.00	14.50	11.05
SRP9	P49458	High	19.77	2.00	2.00	2.00	86.00	10.10	7.97
C19orf53	Q9UNZ5	High	33.33	5.00	6.00	5.00	99.00	10.60	11.55
RPL27	AOA024R1V4	High	33.09	6.00	6.00	6.00	136.00	15.80	10.56
CSNK2B	AOA0G2JM12	High	8.22	2.00	2.00	2.00	304.00	34.70	4.59
C1QBP	A8K651	High	4.61	1.00	2.00	1.00	282.00	31.40	4.84
RPL34	P49207	High	28.21	4.00	4.00	4.00	117.00	13.30	11.47

APEX1	P27695	High	33.96	8.00	9.00	8.00	318.00	35.50	8.12
RPL12	P30050	High	48.48	7.00	9.00	7.00	165.00	17.80	9.42
RPL36	Q9Y3U8	High	18.10	2.00	3.00	2.00	105.00	12.20	11.59
RPL31	B7Z4C8	High	22.31	3.00	4.00	3.00	130.00	15.10	10.37
RPL37A	P61513	High	50.00	5.00	6.00	5.00	92.00	10.30	10.43
RPL13	P26373	High	22.27	5.00	9.00	5.00	211.00	24.20	11.65
RPL10	P27635	High	17.29	4.00	5.00	4.00	214.00	24.60	10.08
FAU	E9PR30	High	10.20	1.00	2.00	1.00	98.00	10.90	11.56
RPL26	P61254	High	28.28	5.00	6.00	5.00	145.00	17.20	10.55
RPS15	K7ELC2	High	7.89	1.00	2.00	1.00	152.00	17.70	10.39
RPL37	P61927	High	21.65	3.00	3.00	3.00	97.00	11.10	11.74
RPS25	P62851	High	28.00	6.00	10.00	6.00	125.00	13.70	10.11
DOCK7	Q96N67	High	3.22	7.00	7.00	7.00	2140.00	242.40	6.80
RPL14	Q6IPH7	High	29.09	7.00	8.00	7.00	220.00	23.80	10.93
RRP12	B3KMR5	High	5.55	8.00	8.00	8.00	1297.00	143.60	8.75
RPL21	Q6IAX2	High	29.38	5.00	6.00	5.00	160.00	18.60	10.49
PRPF38A	Q8NAV1	High	8.97	3.00	3.00	3.00	312.00	37.50	9.96
PCBP1	Q53SS8	High	37.36	10.00	12.00	6.00	356.00	37.50	7.09
SFRS3	B2R6F3	High	31.10	5.00	8.00	4.00	164.00	19.30	11.65
ARRB2	P32121	High	28.61	12.00	17.00	12.00	409.00	46.10	7.69
HIST1H3A	P68431	High	13.24	2.00	2.00	2.00	136.00	15.40	11.12
TUBB	Q5SU16	High	30.41	12.00	28.00	3.00	444.00	49.60	4.89
PCMT1	H7BY58	High	54.20	12.00	29.00	12.00	286.00	30.30	6.73
ATXN2L	Q8WWM7	High	20.93	17.00	21.00	3.00	1075.00	113.30	8.59
NOP14	A8KA74	High	40.84	34.00	69.00	34.00	857.00	97.60	7.69
TUBA1B	P68363	High	38.58	14.00	26.00	14.00	451.00	50.10	5.06
FAM32A	A0A024R7I4	High	35.71	4.00	14.00	4.00	112.00	13.20	9.99
RAVER1	E9PAU2	High	31.48	15.00	22.00	15.00	756.00	79.50	8.92
HIST2H2BF	B4DR52	High	15.66	3.00	3.00	3.00	166.00	18.00	10.32
HIST1H4J	B2R4R0	High	38.83	4.00	4.00	4.00	103.00	11.40	11.36

THEM4	Q5T1C6	High	20.42	5.00	5.00	5.00	240.00	27.10	8.28
CHERP	J3QK89	High	25.24	21.00	37.00	21.00	927.00	104.90	9.19
ACACA	Q13085	High	42.46	83.00	144.00	83.00	2346.00	265.40	6.37

b) Protein Quantification

Gene name	Abundance TReX Latent	Abundance TReX Lytic	Abundance TSR1 Latent	Abundance TSR1 Lytic	Abundance Total Latent	Abundance Total Lytic	Abundance Log Latent	Abundance Log Lytic	Log Ratio (Lytic/Latent)
TSR1	2603.20	2643.50	84846.30	86915.60	82243.10	84272.10	4.92	4.93	1.00
HMGB1	8405.70	10686.70	11967.30	6143.30	3561.60	1.00	3.55	0.00	-
RPS3	465.10	375.40	2022.60	2427.20	1557.50	2051.80	3.19	3.31	1.04
RPS2	652.20	494.70	1778.70	2157.30	1126.50	1662.60	3.05	3.22	1.06
RPS4X	376.90	267.90	1430.00	1851.00	1053.10	1583.10	3.02	3.20	1.06
RPS7	239.20	310.20	1287.20	1549.10	1048.00	1238.90	3.02	3.09	1.02
RPS11	218.50	209.70	1243.70	1468.90	1025.20	1259.20	3.01	3.10	1.03
RPS8	199.30	307.50	1217.10	1547.90	1017.80	1240.40	3.01	3.09	1.03
RPS10	679.20	393.50	1590.50	2090.00	911.30	1696.50	2.96	3.23	1.09
RPS17	257.20	143.40	1140.80	1280.90	883.60	1137.50	2.95	3.06	1.04
RPS3A	362.00	293.60	1220.40	1522.90	858.40	1229.30	2.93	3.09	1.05
RPSA	233.00	108.50	1034.70	1314.70	801.70	1206.20	2.90	3.08	1.06
TMA7	1417.00	1509.00	2123.60	1156.30	706.60	1.00	2.85	0.00	-
RACK1	355.10	257.50	1051.20	1280.20	696.10	1022.70	2.84	3.01	1.06
RPS12	101.80	55.40	790.00	852.10	688.20	796.70	2.84	2.90	1.02
MANF	1001.40	2246.90	1656.80	859.80	655.40	1.00	2.82	0.00	-
HMGB2	4292.10	6302.00	4935.60	2983.20	643.50	1.00	2.81	0.00	-
RPS23	201.60	269.00	834.40	995.20	632.80	726.20	2.80	2.86	1.02
RPS9	242.60	212.70	858.30	1028.30	615.70	815.60	2.79	2.91	1.04
RPS19	171.50	98.10	763.80	1023.60	592.30	925.50	2.77	2.97	1.07
RPS13	232.70	214.40	823.30	998.40	590.60	784.00	2.77	2.89	1.04
CACYBP	1092.60	1751.60	1680.60	832.10	588.00	1.00	2.77	0.00	-
RPL23A	528.80	1350.30	1083.80	1109.10	555.00	1.00	2.74	0.00	-
FKBP3	1177.10	1935.90	1713.50	1047.50	536.40	1.00	2.73	0.00	-
RPS24	234.70	187.50	770.40	973.50	535.70	786.00	2.73	2.90	1.06

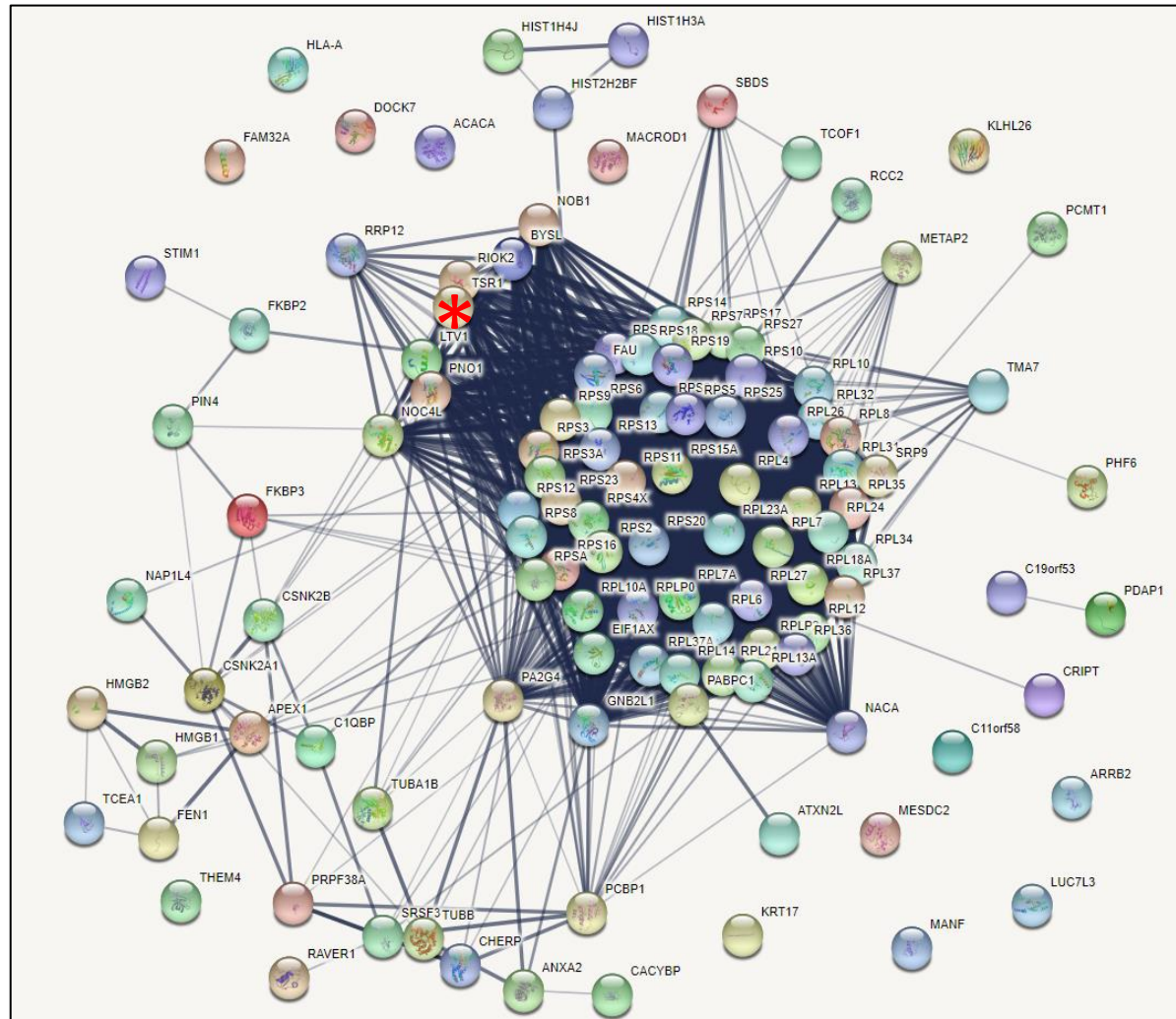
RPS14	81.40	22.40	582.80	790.80	501.40	768.40	2.70	2.89	1.07
MACROD1	417.40	610.60	916.80	339.20	499.40	1.00	2.70	0.00	-
LTV1	52.90	64.80	531.90	669.50	479.00	604.70	2.68	2.78	1.04
PNO1	120.50	101.40	587.60	678.60	467.10	577.20	2.67	2.76	1.03
CRIPT	1175.00	1033.60	1632.10	979.00	457.10	1.00	2.66	0.00	-
RPL7A	386.30	357.20	837.60	805.80	451.30	448.60	2.65	2.65	1.00
PDAP1	1409.40	1085.10	1848.00	1139.90	438.60	54.80	2.64	1.74	0.66
RPS5	55.60	38.30	474.80	532.00	419.20	493.70	2.62	2.69	1.03
RPS6	106.80	91.20	508.70	611.80	401.90	520.60	2.60	2.72	1.04
RPL32	175.30	148.50	574.40	628.80	399.10	480.30	2.60	2.68	1.03
RPS16	191.80	88.60	589.20	718.80	397.40	630.20	2.60	2.80	1.08
RPL13A	242.50	120.70	634.20	611.50	391.70	490.80	2.59	2.69	1.04
FEN1	695.50	1105.00	1075.10	539.40	379.60	1.00	2.58	0.00	-
RPS15A	75.20	73.20	453.90	562.40	378.70	489.20	2.58	2.69	1.04
TCEA1	662.40	1053.10	1040.80	523.20	378.40	1.00	2.58	0.00	-
RPL4	330.60	444.90	707.90	705.60	377.30	260.70	2.58	2.42	0.94
RPLP0	294.40	161.80	651.70	619.40	357.30	457.60	2.55	2.66	1.04
RPS20	119.80	103.10	456.40	563.30	336.60	460.20	2.53	2.66	1.05
EIF1AX	580.30	994.90	916.60	636.50	336.30	1.00	2.53	0.00	-
KRT17	13.30	43.50	328.80	250.80	315.50	207.30	2.50	2.32	0.93
FKBP2	50.00	70.90	365.50	357.70	315.50	286.80	2.50	2.46	0.98
NOC4L	1056.80	1106.70	1369.40	1535.60	312.60	428.90	2.49	2.63	1.06
STIM1	89.90	91.70	393.10	347.10	303.20	255.40	2.48	2.41	0.97
CSNK2A1	206.30	161.10	508.20	334.60	301.90	173.50	2.48	2.24	0.90
HLA-A	23.20	27.80	322.70	288.70	299.50	260.90	2.48	2.42	0.98
RCC2	2881.20	2731.40	3167.60	1804.70	286.40	1.00	2.46	0.00	-
PHF6	1012.30	1103.30	1284.30	1157.20	272.00	53.90	2.43	1.73	0.71
NACA	359.30	439.40	627.50	240.10	268.20	1.00	2.43	0.00	-
PA2G4	1110.70	1543.30	1365.70	777.00	255.00	1.00	2.41	0.00	-
ANXA2	1515.30	3132.10	1763.10	951.40	247.80	1.00	2.39	0.00	-

TCOF1	296.50	260.20	541.20	603.40	244.70	343.20	2.39	2.54	1.06
SBDS	407.90	763.30	650.30	400.80	242.40	1.00	2.38	0.00	-
NAP1L4	105.60	41.20	337.10	311.50	231.50	270.30	2.36	2.43	1.03
RPS18	132.10	107.60	352.20	444.10	220.10	336.50	2.34	2.53	1.08
MESDC2	235.10	760.20	451.10	256.00	216.00	1.00	2.33	0.00	-
NOB1P	78.80	133.30	292.80	345.20	214.00	211.90	2.33	2.33	1.00
RPL18A	159.30	115.00	372.00	351.40	212.70	236.40	2.33	2.37	1.02
LUC7L3	434.90	569.70	642.90	976.20	208.00	406.50	2.32	2.61	1.13
RPL8	144.60	128.50	336.60	394.80	192.00	266.30	2.28	2.43	1.06
RPLP2	88.20	47.80	278.20	235.40	190.00	187.60	2.28	2.27	1.00
KLHL26	109.60	81.30	297.70	381.60	188.10	300.30	2.27	2.48	1.09
RPL24	278.20	390.60	466.10	485.90	187.90	95.30	2.27	1.98	0.87
RPL6	266.10	480.50	452.80	476.50	186.70	1.00	2.27	0.00	-
RIOK2	38.50	23.40	224.40	336.60	185.90	313.20	2.27	2.50	1.10
METAP2	212.90	254.10	396.00	292.40	183.10	38.30	2.26	1.58	0.70
BYSL	7.00	6.50	187.80	231.90	180.80	225.40	2.26	2.35	1.04
RPL10A	116.20	94.40	294.80	305.00	178.60	210.60	2.25	2.32	1.03
RPL7	251.70	180.60	427.20	411.00	175.50	230.40	2.24	2.36	1.05
RPS27	117.50	93.90	292.00	328.50	174.50	234.60	2.24	2.37	1.06
PIN4	379.10	518.00	553.40	259.30	174.30	1.00	2.24	0.00	-
PABPC1	457.60	197.20	631.50	566.60	173.90	369.40	2.24	2.57	1.15
SMAP	196.10	240.20	362.20	153.10	166.10	1.00	2.22	0.00	-
RPL35	211.00	246.60	376.20	444.60	165.20	198.00	2.22	2.30	1.04
SRP9	295.00	402.70	458.10	198.30	163.10	1.00	2.21	0.00	-
C19orf53	718.40	713.30	879.70	739.20	161.30	25.90	2.21	1.41	0.64
RPL27	189.60	110.90	350.20	343.20	160.60	232.30	2.21	2.37	1.07
CSNK2B	50.40	20.90	208.80	120.50	158.40	99.60	2.20	2.00	0.91
C1QBP	37.10	32.30	194.50	118.80	157.40	86.50	2.20	1.94	0.88
RPL34	43.50	33.90	198.20	209.00	154.70	175.10	2.19	2.24	1.02
APEX1	493.40	896.30	647.40	383.70	154.00	1.00	2.19	0.00	-

RPL12	388.00	259.10	541.90	543.90	153.90	284.80	2.19	2.45	1.12
RPL36	37.60	9.30	173.50	164.80	135.90	155.50	2.13	2.19	1.03
RPL31	317.40	277.90	441.30	496.40	123.90	218.50	2.09	2.34	1.12
RPL37A	257.20	250.10	380.30	447.30	123.10	197.20	2.09	2.29	1.10
RPL13	190.70	154.70	312.70	347.40	122.00	192.70	2.09	2.28	1.10
RPL10	282.70	228.50	397.40	435.00	114.70	206.50	2.06	2.31	1.12
FAU	133.60	101.50	247.20	318.30	113.60	216.80	2.06	2.34	1.14
RPL26	170.80	177.60	284.20	338.00	113.40	160.40	2.05	2.21	1.07
RPS15	140.20	192.60	252.10	380.50	111.90	187.90	2.05	2.27	1.11
RPL37	81.90	73.00	187.70	236.50	105.80	163.50	2.02	2.21	1.09
RPS25	990.10	933.00	1095.00	1278.40	104.90	345.40	2.02	2.54	1.26
DOCK7	123.90	104.40	225.20	256.80	101.30	152.40	2.01	2.18	1.09
RPL14	359.00	296.20	451.90	479.40	92.90	183.20	1.97	2.26	1.15
RRP12	261.00	260.70	342.70	464.10	81.70	203.40	1.91	2.31	1.21
RPL21	324.50	291.60	391.80	442.10	67.30	150.50	1.83	2.18	1.19
PRPF38A	340.60	260.30	392.90	415.00	52.30	154.70	1.72	2.19	1.27
PCBP1	1263.90	469.20	673.80	623.20	1.00	154.00	0.00	2.19	+
SFRS3	713.20	644.50	657.30	822.70	1.00	178.20	0.00	2.25	+
ARRB2	1968.70	908.40	1028.70	1090.40	1.00	182.00	0.00	2.26	+
HIST1H3A	84.50	81.80	50.70	286.10	1.00	204.30	0.00	2.31	+
TUBB	1894.60	909.90	1057.40	1121.10	1.00	211.20	0.00	2.32	+
PCMT1	3272.20	1571.60	1545.40	1784.50	1.00	212.90	0.00	2.33	+
ATXN2L	1727.90	735.80	967.30	966.30	1.00	230.50	0.00	2.36	+
NOP14	804.90	647.50	748.60	994.90	1.00	347.40	0.00	2.54	+
TUBA1B	2494.00	1022.70	1524.10	1436.10	1.00	413.40	0.00	2.62	+
FAM32A	2147.80	1233.80	1121.70	1661.40	1.00	427.60	0.00	2.63	+
RAVER1	1910.90	696.30	1055.30	1128.90	1.00	432.60	0.00	2.64	+
HIST2H2BF	389.80	505.60	335.90	1029.90	1.00	524.30	0.00	2.72	+
HIST1H4J	145.40	141.00	63.80	816.80	1.00	675.80	0.00	2.83	+
THEM4	96.20	241.30	60.00	918.60	1.00	677.30	0.00	2.83	+

CHERP	8061.20	1775.70	2695.00	2515.40	1.00	739.70	0.00	2.87	+
ACACA	19189.30	8149.40	6967.10	10187.90	1.00	2038.50	0.00	3.31	+

c) Human Proteins STRING Interaction Maps



1.5 NOC4L Pulldown

a) Protein Identification

Gene name	Accession	Protein FDR Confidence	Coverage	# Peptides	# PSMs	# Unique Peptides	# AAs	MW [kDa]	Calc. pI
NOC4L	Q9BVI4	High	41.67	22.00	121.00	22.00	516.00	58.40	7.49
NOP14	A8KA74	High	40.84	34.00	69.00	34.00	857.00	97.60	7.69
EMG1	A8K6D2	High	61.89	12.00	28.00	12.00	244.00	26.70	9.17
IPO5	H0Y8C6	High	6.46	7.00	7.00	7.00	1099.00	123.80	5.06
DIMT1	Q9UNQ2	High	69.97	20.00	169.00	20.00	313.00	35.20	9.99
PSMD14	O00487	Medium	2.26	1.00	1.00	1.00	310.00	34.60	6.52
BSG	P35613	High	5.97	2.00	2.00	2.00	385.00	42.20	5.66
RAB7A	P51149	High	20.29	4.00	4.00	4.00	207.00	23.50	6.70
RAB1A	Q5U0I6	High	26.83	5.00	5.00	3.00	205.00	22.70	6.21
BCAP31	P51572	High	28.05	8.00	9.00	8.00	246.00	28.00	8.44
HEL-S-123m	V9HW26	High	20.80	11.00	11.00	11.00	553.00	59.70	9.13
RAP1B	AOA024RB87	High	18.48	3.00	3.00	3.00	184.00	20.80	5.78
TUBA1B	P68363	High	38.58	14.00	26.00	14.00	451.00	50.10	5.06
MGST1	P10620	High	9.03	2.00	2.00	2.00	155.00	17.60	9.39
CANX	P27824	High	6.08	4.00	4.00	2.00	592.00	67.50	4.60
LBR	AOA024R3R5	High	5.20	4.00	4.00	4.00	615.00	70.70	9.36
RPS20	P60866	High	26.89	3.00	4.00	3.00	119.00	13.40	9.94
RPN1	P04843	High	8.07	5.00	5.00	5.00	607.00	68.50	6.38
FAM162A	Q96A26	High	22.73	3.00	3.00	3.00	154.00	17.30	9.77
COX4I1	P13073	High	26.04	4.00	4.00	4.00	169.00	19.60	9.51
M6PR	P20645	High	9.03	2.00	2.00	2.00	277.00	31.00	5.83
PGRMC2	O15173	Medium	2.69	1.00	1.00	1.00	223.00	23.80	4.88
MOGS	Q13724	High	7.29	5.00	5.00	5.00	837.00	91.90	8.90
CD44	P16070	High	1.21	1.00	1.00	1.00	742.00	81.50	5.33

RAB11A	B4DMN1	High	7.28	2.00	2.00	2.00	261.00	28.80	8.38
VDAC3	Q9Y277	High	18.37	4.00	6.00	4.00	283.00	30.60	8.66
VAPA	Q9POL0	High	21.29	4.00	5.00	3.00	249.00	27.90	8.62
HEL-S-271	V9HW31	High	16.64	6.00	7.00	6.00	529.00	56.50	5.40
DPM1	B4DEH1	High	7.14	1.00	1.00	1.00	168.00	18.30	9.10
RPS11	P62280	High	55.70	10.00	11.00	10.00	158.00	18.40	10.30
HEL-S-30	V9HWB8	High	22.22	12.00	14.00	12.00	531.00	57.90	7.84
ATP5C1	P36542	High	12.75	4.00	4.00	4.00	298.00	33.00	9.22
RRP12	B3KMR5	High	5.55	8.00	8.00	8.00	1297.00	143.60	8.75
CS0DF013YM24	Q53GF9	Medium	5.33	1.00	1.00	1.00	225.00	25.60	6.70
MTDH	Q86UE4	High	14.95	7.00	7.00	7.00	582.00	63.80	9.32
VDAC2	A0A024QZN9	High	14.11	3.00	3.00	3.00	319.00	34.50	7.99
COX5A	H3BNX8	High	14.38	2.00	2.00	2.00	153.00	17.20	6.00
RPS4X	P62701	High	41.44	11.00	15.00	11.00	263.00	29.60	10.15
LDHB	Q5U077	High	21.86	7.00	7.00	7.00	334.00	36.60	6.05
GAPDH	P04406	High	30.75	9.00	13.00	9.00	335.00	36.00	8.46
RPS8	Q5JR94	High	42.31	7.00	11.00	7.00	208.00	24.20	10.32
RPS12	P25398	High	53.79	7.00	8.00	7.00	132.00	14.50	7.21
RPS17	A0A075B716	High	16.23	4.00	6.00	4.00	191.00	21.60	8.92
RPS14	P62263	High	29.14	4.00	6.00	4.00	151.00	16.30	10.05
RPS19	Q8WVX7	High	38.22	6.00	8.00	6.00	157.00	17.30	10.52
RPS18	P62269	High	23.03	4.00	4.00	4.00	152.00	17.70	10.99
TUBB	Q5SU16	High	30.41	12.00	28.00	3.00	444.00	49.60	4.89
RPS5	M0R0R2	High	20.44	5.00	6.00	5.00	225.00	25.30	9.76
RPS7	P62081	High	27.32	6.00	9.00	6.00	194.00	22.10	10.10
RPS3A	A8K4W0	High	37.12	12.00	13.00	12.00	264.00	29.90	9.73
BYSL	Q13895	High	5.49	2.00	2.00	2.00	437.00	49.60	8.12
RPSA	A0A0C4DG17	High	41.00	8.00	10.00	8.00	300.00	33.30	4.87
RPS23	A8K517	High	25.87	4.00	5.00	4.00	143.00	15.80	10.49
PNO1	Q9NRX1	High	25.79	6.00	6.00	6.00	252.00	27.90	9.73

RPS24	P62847	High	24.81	4.00	5.00	4.00	133.00	15.40	10.78
RPS6	A2A3R6	High	25.30	7.00	8.00	7.00	249.00	28.70	10.84
RPS15A	A8K7H3	High	35.38	5.00	5.00	5.00	130.00	14.80	10.13
RPS27A	P62979	High	29.49	4.00	6.00	4.00	156.00	18.00	9.64
RPLP0	A0A024RBS2	High	39.75	10.00	14.00	10.00	317.00	34.30	5.97
RPS16	P62249	High	30.82	5.00	6.00	5.00	146.00	16.40	10.21
ENO1	P06733	High	24.65	10.00	13.00	10.00	434.00	47.10	7.39
RPS13	P62277	High	44.37	8.00	11.00	8.00	151.00	17.20	10.54
RPS9	P46781	High	33.51	9.00	10.00	9.00	194.00	22.60	10.65
SNRNP27	Q8WVK2	High	29.68	6.00	18.00	6.00	155.00	18.80	11.62
HSPD1	P10809	High	15.71	8.00	9.00	8.00	573.00	61.00	5.87
DDX6	P26196	High	17.81	6.00	11.00	6.00	483.00	54.40	8.66
TPI1	P60174	High	40.21	8.00	10.00	8.00	286.00	30.80	5.92
PCBP2	Q15366	High	20.27	6.00	7.00	2.00	365.00	38.60	6.79
RBM17	Q5W009	High	29.68	12.00	15.00	12.00	401.00	44.90	5.97
RPS10	Q59GE4	High	32.18	8.00	11.00	8.00	174.00	19.80	9.91
HNRNPM	P52272	High	20.82	16.00	16.00	16.00	730.00	77.50	8.70
N/A	A8K486	High	44.85	8.00	18.00	7.00	165.00	18.00	6.90
CCT4	A8K3C3	High	14.10	7.00	8.00	7.00	539.00	57.90	7.83
EEF1A1	P68104	High	41.99	17.00	42.00	7.00	462.00	50.10	9.01
ATXN2L	Q8WWM7	High	20.93	17.00	21.00	3.00	1075.00	113.30	8.59
TRAF3IP2	O43734	High	30.49	8.00	12.00	8.00	574.00	64.60	6.76
RPS25	P62851	High	28.00	6.00	10.00	6.00	125.00	13.70	10.11
hCG_31253	A0A024R8A7	High	52.45	23.00	39.00	22.00	572.00	61.60	8.38
FRG1	Q14331	High	49.22	13.00	28.00	13.00	258.00	29.20	9.01
K6	K0FCD5	Medium	4.42	1.00	1.00	1.00	181.00	20.50	9.60
RPS2	P15880	High	36.18	10.00	16.00	10.00	293.00	31.30	10.24
FAM32A	A0A024R7I4	High	35.71	4.00	14.00	4.00	112.00	13.20	9.99
PCBP1	Q53SS8	High	37.36	10.00	12.00	6.00	356.00	37.50	7.09
HEL-S-72p	V9HW22	High	44.58	26.00	53.00	19.00	646.00	70.90	5.52

ARRB2	P32121	High	28.61	12.00	17.00	12.00	409.00	46.10	7.69
PCMT1	H7BY58	High	54.20	12.00	29.00	12.00	286.00	30.30	6.73
RAVER1	E9PAU2	High	31.48	15.00	22.00	15.00	756.00	79.50	8.92
PC	AOA024R5C5	High	28.86	27.00	35.00	27.00	1178.00	129.60	6.84
K2	AOA0N9RP55	High	29.41	5.00	7.00	5.00	204.00	23.50	7.39
CHERP	J3QK89	High	25.24	21.00	37.00	21.00	927.00	104.90	9.19
ACACA	Q13085	High	42.46	83.00	144.00	83.00	2346.00	265.40	6.37

b) Protein Quantification

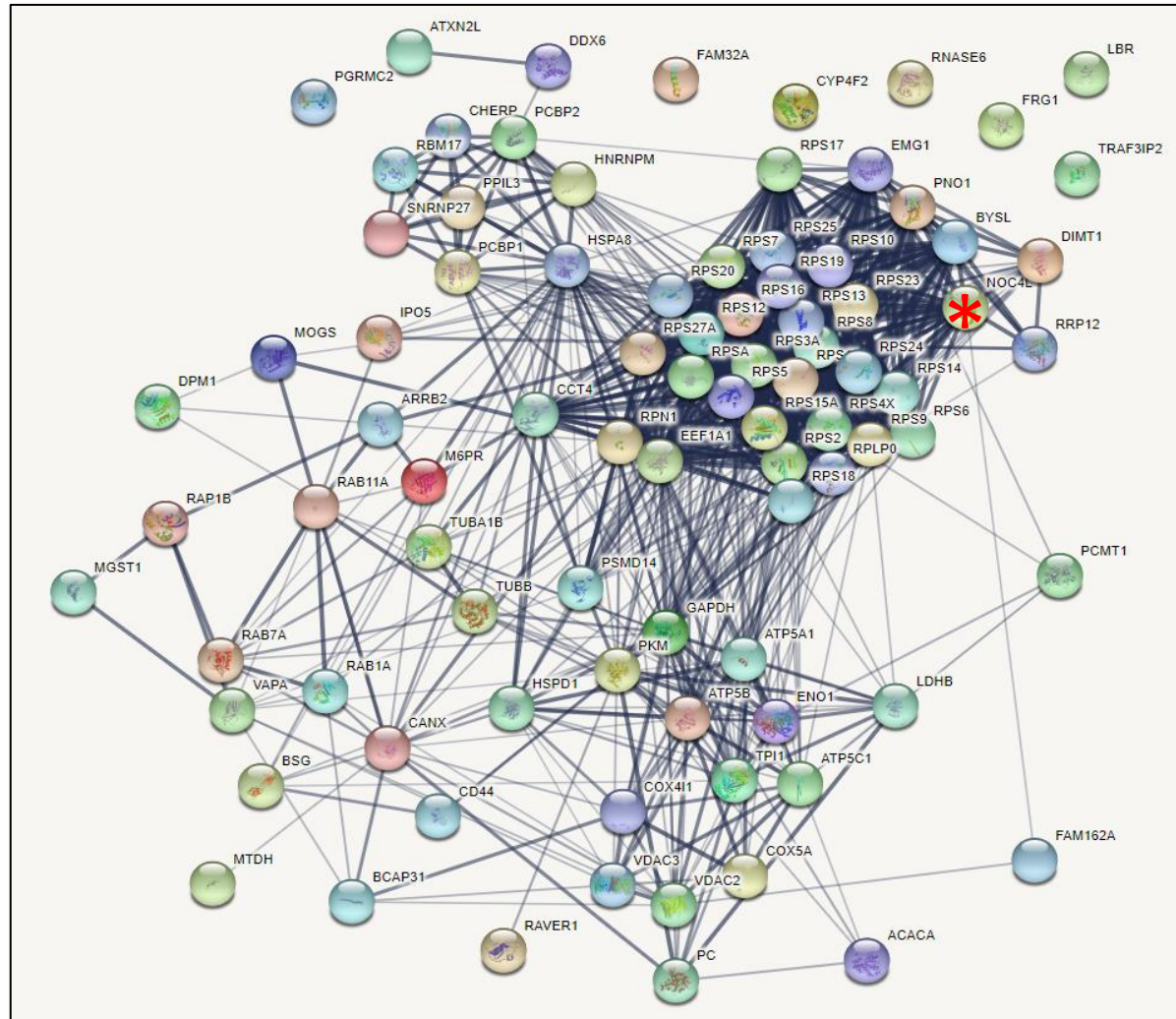
Gene name	Abundance TReX Latent	Abundance TReX Lytic	Abundance NOC4L Latent	Abundance NOC4L Lytic	Abundance Total Latent	Abundance Total Lytic	Abundance Log Latent	Abundance Log Lytic	Log Ratio (Lytic/Latent)
NOC4L	1056.80	1106.70	42749.80	33834.20	41693.00	32727.50	4.62	4.51	0.98
NOP14	804.90	647.50	24601.60	20426.70	23796.70	19779.20	4.38	4.30	0.98
EMG1	300.60	289.30	11679.40	9052.90	11378.80	8763.60	4.06	3.94	0.97
IPO5	106.40	78.90	1585.50	1095.20	1479.10	1016.30	3.17	3.01	0.95
DIMT1	2039.80	1116.00	3290.20	2480.20	1250.40	1364.20	3.10	3.13	1.01
PSMD14	0.00	7.00	883.20	696.10	883.20	689.10	2.95	2.84	0.96
BSG	73.60	70.50	761.00	608.60	687.40	538.10	2.84	2.73	0.96
RAB7A	179.60	135.60	818.10	493.90	638.50	358.30	2.81	2.55	0.91
RAB1A	230.30	152.80	844.30	597.30	614.00	444.50	2.79	2.65	0.95
BCAP31	616.10	504.20	1211.40	949.90	595.30	445.70	2.77	2.65	0.95
HEL-S-123m	727.40	736.30	1262.90	1092.50	535.50	356.20	2.73	2.55	0.94
RAP1B	347.20	215.20	856.40	621.20	509.20	406.00	2.71	2.61	0.96
TUBA1B	2494.00	1022.70	2967.20	2917.10	473.20	1894.40	2.68	3.28	1.23
MGST1	144.90	121.30	602.90	385.20	458.00	263.90	2.66	2.42	0.91
CANX	243.40	273.00	672.20	479.50	428.80	206.50	2.63	2.31	0.88
LBR	311.00	330.00	717.10	463.50	406.10	133.50	2.61	2.13	0.81
RPS20	119.80	103.10	481.00	386.60	361.20	283.50	2.56	2.45	0.96
RPN1	301.50	317.10	654.10	477.70	352.60	160.60	2.55	2.21	0.87
FAM162A	239.70	161.00	573.40	362.30	333.70	201.30	2.52	2.30	0.91
COX4I1	318.30	387.20	650.90	498.30	332.60	111.10	2.52	2.05	0.81
M6PR	72.30	81.80	399.60	287.50	327.30	205.70	2.51	2.31	0.92
PGRMC2	86.00	91.70	344.40	251.80	258.40	160.10	2.41	2.20	0.91
MOGS	243.00	226.80	458.00	446.50	215.00	219.70	2.33	2.34	1.00
CD44	51.70	46.60	260.70	131.20	209.00	84.60	2.32	1.93	0.83
RAB11A	118.10	125.00	317.90	212.90	199.80	87.90	2.30	1.94	0.84

VDAC3	310.50	481.40	508.20	497.60	197.70	16.20	2.30	1.21	0.53
VAPA	118.70	99.30	309.60	238.60	190.90	139.30	2.28	2.14	0.94
HEL-S-271	413.40	355.90	604.20	502.00	190.80	146.10	2.28	2.16	0.95
DPM1	75.90	375.10	260.20	31.20	184.30	1.00	2.27	0.00	-
RPS11	218.50	209.70	402.00	794.40	183.50	584.70	2.26	2.77	1.22
HEL-S-30	1411.70	587.90	1590.10	855.50	178.40	267.60	2.25	2.43	1.08
ATP5C1	474.90	436.20	646.40	536.20	171.50	100.00	2.23	2.00	0.90
RRP12	261.00	260.70	429.50	1490.10	168.50	1229.40	2.23	3.09	1.39
CSODF013YM24	100.70	79.10	266.50	179.40	165.80	100.30	2.22	2.00	0.90
MTDH	133.80	120.70	296.30	284.40	162.50	163.70	2.21	2.21	1.00
VDAC2	113.90	185.70	272.00	245.60	158.10	59.90	2.20	1.78	0.81
COX5A	110.80	110.90	262.00	161.20	151.20	50.30	2.18	1.70	0.78
RPS4X	376.90	267.90	516.60	894.50	139.70	626.60	2.15	2.80	1.30
LDHB	911.30	424.80	1045.30	625.80	134.00	201.00	2.13	2.30	1.08
GAPDH	1449.10	643.00	1580.30	904.10	131.20	261.10	2.12	2.42	1.14
RPS8	199.30	307.50	325.40	712.20	126.10	404.70	2.10	2.61	1.24
RPS12	101.80	55.40	217.10	426.80	115.30	371.40	2.06	2.57	1.25
RPS17	257.20	143.40	369.50	843.80	112.30	700.40	2.05	2.85	1.39
RPS14	81.40	22.40	193.60	354.10	112.20	331.70	2.05	2.52	1.23
RPS19	171.50	98.10	270.20	464.80	98.70	366.70	1.99	2.56	1.29
RPS18	132.10	107.60	226.90	320.10	94.80	212.50	1.98	2.33	1.18
TUBB	1894.60	909.90	1988.10	1966.20	93.50	1056.30	1.97	3.02	1.53
RPS5	55.60	38.30	142.10	326.20	86.50	287.90	1.94	2.46	1.27
RPS7	239.20	310.20	325.30	598.10	86.10	287.90	1.94	2.46	1.27
RPS3A	362.00	293.60	447.10	905.00	85.10	611.40	1.93	2.79	1.44
BYSL	7.00	6.50	92.00	345.10	85.00	338.60	1.93	2.53	1.31
RPSA	233.00	108.50	311.20	641.80	78.20	533.30	1.89	2.73	1.44
RPS23	201.60	269.00	267.50	479.90	65.90	210.90	1.82	2.32	1.28
PNO1	120.50	101.40	175.70	696.40	55.20	595.00	1.74	2.77	1.59
RPS24	234.70	187.50	288.40	555.80	53.70	368.30	1.73	2.57	1.48

RPS6	106.80	91.20	159.30	268.00	52.50	176.80	1.72	2.25	1.31
RPS15A	75.20	73.20	127.60	277.00	52.40	203.80	1.72	2.31	1.34
RPS27A	313.90	163.10	365.90	315.90	52.00	152.80	1.72	2.18	1.27
RPLP0	294.40	161.80	345.50	306.70	51.10	144.90	1.71	2.16	1.26
RPS16	191.80	88.60	231.50	372.90	39.70	284.30	1.60	2.45	1.53
ENO1	1123.50	605.70	1162.70	761.10	39.20	155.40	1.59	2.19	1.38
RPS13	232.70	214.40	259.80	538.20	27.10	323.80	1.43	2.51	1.75
RPS9	242.60	212.70	268.40	595.80	25.80	383.10	1.41	2.58	1.83
SNRNP27	2487.60	1468.60	1393.20	1634.90	1.00	166.30	0.00	2.22	+
HSPD1	683.10	501.90	606.80	681.90	1.00	180.00	0.00	2.26	+
DDX6	884.50	463.20	766.90	656.00	1.00	192.80	0.00	2.29	+
TPI1	838.70	314.10	795.40	513.70	1.00	199.60	0.00	2.30	+
PCBP2	433.00	167.00	326.70	384.80	1.00	217.80	0.00	2.34	+
RBM17	1770.70	1005.60	940.70	1235.20	1.00	229.60	0.00	2.36	+
RPS10	679.20	393.50	619.40	637.90	1.00	244.40	0.00	2.39	+
HNRNPM	781.90	432.60	752.50	680.90	1.00	248.30	0.00	2.39	+
N/A	1381.00	549.70	1126.90	807.20	1.00	257.50	0.00	2.41	+
CCT4	540.50	260.00	527.90	540.70	1.00	280.70	0.00	2.45	+
EEF1A1	5457.50	3686.80	3872.70	3984.30	1.00	297.50	0.00	2.47	+
ATXN2L	1727.90	735.80	1250.50	1046.60	1.00	310.80	0.00	2.49	+
TRAF3IP2	810.70	239.60	549.70	575.90	1.00	336.30	0.00	2.53	+
RPS25	990.10	933.00	918.40	1324.10	1.00	391.10	0.00	2.59	+
hCG_31253	3803.30	2214.10	2754.40	2608.80	1.00	394.70	0.00	2.60	+
FRG1	3118.50	2228.00	1832.90	2632.10	1.00	404.10	0.00	2.61	+
K6	130.00	516.60	44.10	1014.70	1.00	498.10	0.00	2.70	+
RPS2	652.20	494.70	586.10	1023.60	1.00	528.90	0.00	2.72	+
FAM32A	2147.80	1233.80	1558.90	1783.60	1.00	549.80	0.00	2.74	+
PCBP1	1263.90	469.20	1016.20	1043.60	1.00	574.40	0.00	2.76	+
HEL-S-72p	6282.10	3696.40	5002.50	4311.60	1.00	615.20	0.00	2.79	+
ARRB2	1968.70	908.40	1755.40	1551.00	1.00	642.60	0.00	2.81	+

PCMT1	3272.20	1571.60	2310.60	2413.90	1.00	842.30	0.00	2.93	+
RAVER1	1910.90	696.30	1437.50	1665.20	1.00	968.90	0.00	2.99	+
PC	4805.80	1869.00	2872.90	2897.50	1.00	1028.50	0.00	3.01	+
K2	307.00	424.70	182.60	1622.40	1.00	1197.70	0.00	3.08	+
CHERP	8061.20	1775.70	3290.80	3135.20	1.00	1359.50	0.00	3.13	+
ACACA	19189.30	8149.40	11320.40	14510.40	1.00	6361.00	0.00	3.80	+

c) Human Proteins STRING Interaction Maps



2 Pre-60S Ribosome Pulldowns TMT LC-MS/MS Raw Data

2.1 MRTO4 Pulldown

a) Protein Identification

Gene name	Accession	Protein FDR Confidence	Coverage	# Peptides	# PSMs	# Unique Peptides	# AAs	MW [kDa]	Calc. pI
MRTO4	AOA024RAE1	High	70.71	26.00	402.00	26.00	239.00	27.50	8.29
CSNK2A2	P19784	High	53.43	16.00	21.00	14.00	350.00	41.20	8.56
RPL4	Q59GY2	High	37.19	16.00	22.00	16.00	441.00	49.00	11.02
RPL7	AOA024R814	High	43.63	15.00	22.00	15.00	259.00	30.40	10.71
BRWD2	B2RCJ6	High	26.06	27.00	31.00	27.00	1224.00	136.70	6.92
FAM91A1	Q658Y4	High	20.41	14.00	16.00	14.00	838.00	93.90	6.39
RPLP0	AOA024RBS2	High	49.53	12.00	20.00	12.00	317.00	34.30	5.97
CSNK2A1	Q5U5J2	High	38.29	13.00	23.00	11.00	397.00	45.90	7.96
RPL35A	P18077	High	52.73	7.00	10.00	7.00	110.00	12.50	11.06
RPL28	P46779	High	27.74	4.00	9.00	4.00	137.00	15.70	12.02
RPL23A	P62750	High	46.79	8.00	10.00	8.00	156.00	17.70	10.45
RPL6	Q9HBB3	High	41.52	15.00	21.00	15.00	289.00	32.90	10.58
RPL5	A2RUM7	High	33.67	9.00	24.00	9.00	297.00	34.30	9.72
RPL7A	P62424	High	40.98	16.00	22.00	16.00	266.00	30.00	10.61
RPL15	AOA024R2Q4	High	32.84	7.00	9.00	7.00	204.00	24.10	11.62
RPL3	P39023	High	30.02	14.00	17.00	14.00	403.00	46.10	10.18
RPL12	P30050	High	53.94	7.00	12.00	7.00	165.00	17.80	9.42
RPL32	F8W727	High	38.56	6.00	8.00	6.00	153.00	18.00	10.59
RPL17-C18orf32	AOA0A6YYL6	High	36.40	7.00	11.00	7.00	228.00	26.40	10.10
RPS10	P46783	High	45.45	10.00	16.00	10.00	165.00	18.90	10.15
RRM1	P23921	High	16.54	11.00	14.00	11.00	792.00	90.00	7.15
RPL10A	P62906	High	36.87	8.00	13.00	8.00	217.00	24.80	9.94

PABPC1	P11940	High	21.38	16.00	18.00	13.00	636.00	70.60	9.50
C17orf75	J9JIC5	High	22.73	8.00	8.00	8.00	396.00	44.60	5.03
TRIM26	Q12899	High	15.58	8.00	9.00	8.00	539.00	62.10	5.03
RPL13A	MOQYS1	High	33.81	8.00	9.00	8.00	210.00	24.20	10.86
RPL13	P26373	High	36.02	9.00	12.00	9.00	211.00	24.20	11.65
RPL18	J3QQ67	High	25.26	4.00	8.00	4.00	190.00	21.80	11.72
RPL14	Q6IPH7	High	39.55	8.00	9.00	8.00	220.00	23.80	10.93
RPL27	A0A024R1V4	High	40.44	5.00	11.00	5.00	136.00	15.80	10.56
RPL9	Q53Z07	High	39.58	8.00	13.00	8.00	192.00	21.90	9.95
RPS19	Q8WVX7	High	44.59	9.00	12.00	9.00	157.00	17.30	10.52
RPL10	P27635	High	32.71	7.00	8.00	7.00	214.00	24.60	10.08
SRP72	Q71V07	High	18.18	12.00	13.00	12.00	671.00	74.60	9.19
RPL8	P62917	High	42.02	8.00	11.00	8.00	257.00	28.00	11.03
RPS15	K7ELC2	High	13.16	3.00	6.00	3.00	152.00	17.70	10.39
RPL23	A0A024R1Q8	High	45.71	6.00	10.00	6.00	140.00	14.90	10.51
RPL26	P61254	High	33.10	8.00	10.00	2.00	145.00	17.20	10.55
RPL35	P42766	High	31.71	5.00	7.00	5.00	123.00	14.50	11.05
RPL37A	P61513	High	42.39	4.00	8.00	4.00	92.00	10.30	10.43
RPL31	B7Z4C8	High	35.38	5.00	6.00	5.00	130.00	15.10	10.37
POU2F2	HOYKT2	Medium	1.29	1.00	2.00	1.00	618.00	65.10	8.12
RPL27A	P46776	High	27.70	4.00	6.00	4.00	148.00	16.60	11.00
SSRP1	Q08945	High	14.95	10.00	11.00	10.00	709.00	81.00	6.87
RPS3A	A8K4W0	High	57.20	16.00	27.00	16.00	264.00	29.90	9.73
RPL24	P83731	High	30.57	6.00	8.00	6.00	157.00	17.80	11.25
RPL11	P62913	High	33.15	6.00	7.00	6.00	178.00	20.20	9.60
RPL18A	B2R4C0	High	42.05	8.00	10.00	8.00	176.00	20.70	10.71
CT45A1	Q5HYN5	High	51.32	9.00	13.00	1.00	189.00	21.30	9.83
RPS3	P23396	High	68.31	16.00	28.00	16.00	243.00	26.70	9.66
RPS4X	P62701	High	44.87	12.00	18.00	12.00	263.00	29.60	10.15
RPL36A	J3KQN4	High	19.01	4.00	5.00	2.00	142.00	16.40	10.43

RPS2	P15880	High	32.08	10.00	21.00	10.00	293.00	31.30	10.24
LSG1	Q9H089	High	77.51	56.00	348.00	55.00	658.00	75.20	6.38
SRP68	Q9UHB9	High	14.51	10.00	11.00	10.00	627.00	70.70	8.56
RPL34	P49207	High	34.19	5.00	7.00	5.00	117.00	13.30	11.47
RACK1	E9KL35	High	47.32	14.00	20.00	14.00	317.00	35.10	7.69
RPS17	AOA075B716	High	28.27	6.00	11.00	6.00	191.00	21.60	8.92
RPS11	P62280	High	44.94	8.00	18.00	8.00	158.00	18.40	10.30
RPL30	P62888	High	71.30	8.00	18.00	8.00	115.00	12.80	9.63
CSNK2B	Q5SRQ6	High	23.93	4.00	7.00	4.00	234.00	26.90	5.96
SND1	Q59FF0	High	15.25	15.00	19.00	15.00	964.00	107.40	7.52
RPS8	Q5JR94	High	51.92	10.00	17.00	10.00	208.00	24.20	10.32
RPS7	P62081	High	42.78	8.00	14.00	8.00	194.00	22.10	10.10
RPL21	Q6IAX2	High	21.25	6.00	7.00	6.00	160.00	18.60	10.49
RPS18	P62269	High	36.18	7.00	12.00	7.00	152.00	17.70	10.99
RPLP2	P05387	High	69.57	4.00	5.00	4.00	115.00	11.70	4.54
RPS23	A8K517	High	38.46	8.00	15.00	8.00	143.00	15.80	10.49
RPL19	P84098	High	31.63	8.00	9.00	8.00	196.00	23.50	11.47
CEP164	Q9UPV0	Medium	0.48	1.00	1.00	1.00	1460.00	164.20	5.36
RPS20	P60866	High	31.93	4.00	8.00	4.00	119.00	13.40	9.94
RPLP1	AOA024R608	High	51.75	2.00	3.00	1.00	114.00	11.50	4.32
LARP1	Q6PKG0	High	10.68	11.00	11.00	11.00	1096.00	123.40	8.82
RPS12	P25398	High	53.79	7.00	13.00	7.00	132.00	14.50	7.21
RPL29	Q6IPI1	High	14.29	2.00	5.00	2.00	161.00	17.90	11.66
RPS13	P62277	High	52.32	10.00	18.00	10.00	151.00	17.20	10.54
RPS6	A2A3R6	High	31.33	10.00	18.00	10.00	249.00	28.70	10.84
RPS14	P62263	High	37.75	6.00	12.00	6.00	151.00	16.30	10.05
RPSA	AOA0C4DG17	High	29.67	6.00	8.00	6.00	300.00	33.30	4.87
LRRRC59	Q96AG4	High	38.44	11.00	13.00	11.00	307.00	34.90	9.57
RPL37	P61927	High	35.05	5.00	5.00	5.00	97.00	11.10	11.74
RPL38	AOA024R8P8	High	50.00	5.00	9.00	4.00	70.00	8.20	10.10

ARRB2	P32121	High	44.50	16.00	20.00	16.00	409.00	46.10	7.69
RPS16	P62249	High	47.95	10.00	13.00	10.00	146.00	16.40	10.21
RPS9	P46781	High	39.69	12.00	13.00	12.00	194.00	22.60	10.65
RPS24	P62847	High	38.35	5.00	10.00	5.00	133.00	15.40	10.78
RRBP1	A7BI36	High	29.48	18.00	21.00	18.00	1540.00	165.60	8.97
HNRNPM	P52272	High	28.77	19.00	19.00	19.00	730.00	77.50	8.70
MTDH	Q86UE4	High	17.70	8.00	11.00	8.00	582.00	63.80	9.32
RPS5	MOROR2	High	28.00	7.00	11.00	7.00	225.00	25.30	9.76
RPL36	Q9Y3U8	High	23.81	3.00	4.00	3.00	105.00	12.20	11.59
RPL22	P35268	High	39.06	3.00	6.00	3.00	128.00	14.80	9.19
UTP14A	Q9BVJ6	High	33.85	25.00	27.00	16.00	771.00	87.90	7.87
SERBP1	D3DQ70	High	14.84	5.00	6.00	5.00	465.00	50.90	9.33
RPS26	P62854	High	23.48	2.00	4.00	2.00	115.00	13.00	11.00
PABPC4	Q6IQ30	High	11.06	8.00	8.00	5.00	660.00	72.30	9.35
RPS15A	P62244	High	41.54	6.00	11.00	6.00	130.00	14.80	10.13
SDAD1	Q9NVU7	High	5.39	4.00	4.00	4.00	687.00	79.80	9.25
VAPA	Q9POL0	High	67.87	17.00	114.00	16.00	249.00	27.90	8.62
EIF6	P56537	High	20.00	4.00	6.00	4.00	245.00	26.60	4.68
XPO7	E7ESC6	High	0.92	1.00	1.00	1.00	1088.00	124.00	6.48
DHX30	A0A024R2T6	High	5.11	6.00	6.00	6.00	1194.00	133.90	8.78
SRP19	P09132	High	22.92	3.00	4.00	3.00	144.00	16.10	9.85
DKC1	O60832	High	13.04	6.00	9.00	6.00	514.00	57.60	9.42
FBXO3	Q9UK99	Medium	1.49	1.00	1.00	1.00	471.00	54.50	5.00
RPS27	P42677	High	39.29	4.00	5.00	2.00	84.00	9.50	9.45
MTCH2	Q9Y6C9	High	27.39	7.00	8.00	7.00	303.00	33.30	7.97
IGF2BP1	Q9NZI8	High	7.11	4.00	4.00	4.00	577.00	63.40	9.20
HIST1H1C	P16403	High	35.21	9.00	10.00	4.00	213.00	21.40	10.93
NMD3	C9JA08	High	11.72	6.00	6.00	6.00	529.00	60.10	6.62
SRP9	P49458	High	19.77	2.00	2.00	2.00	86.00	10.10	7.97
NAT10	Q9H0A0	High	4.20	4.00	5.00	4.00	1025.00	115.70	8.27

POP1	Q96F88	High	4.79	5.00	5.00	5.00	1024.00	114.60	9.20
PTDSS1	A8KAH1	High	16.07	7.00	8.00	7.00	473.00	55.40	8.38
NOB1P	B2RAR2	High	38.11	13.00	23.00	13.00	412.00	46.60	7.18
KIAA0825	AOA088AWM3	Medium	0.63	1.00	1.00	1.00	1275.00	147.60	6.61
FASTKD1	Q53R41	High	3.31	3.00	3.00	3.00	847.00	97.30	7.74
FAU	E9PR30	High	10.20	1.00	2.00	1.00	98.00	10.90	11.56
NUFIP2	A1L3A7	High	20.72	10.00	12.00	10.00	695.00	76.10	8.70
FAM120A	Q9NZB2	High	7.60	6.00	6.00	6.00	1118.00	121.80	8.88
YBX1	HOY449	High	19.79	4.00	6.00	4.00	374.00	42.00	10.43
USE1	Q9NZ43	Medium	5.02	1.00	1.00	1.00	259.00	29.40	9.07
RPS28	B2R4R9	High	46.38	3.00	5.00	3.00	69.00	7.80	10.70
RPL26L1	Q9UNX3	High	33.10	7.00	8.00	1.00	145.00	17.20	10.55
RPS25	P62851	High	35.20	6.00	8.00	6.00	125.00	13.70	10.11
DDX21	Q9NR30	High	6.26	4.00	4.00	4.00	783.00	87.30	9.28
SEC61A1	B4DR61	High	8.09	4.00	4.00	4.00	482.00	52.90	8.24
CAPRIN1	Q14444	High	2.54	2.00	2.00	2.00	709.00	78.30	5.25
TBL2	B2RB52	High	8.72	3.00	3.00	3.00	447.00	49.80	9.44
CCDC47	Q96A33	High	20.08	8.00	8.00	8.00	483.00	55.80	4.87
ADAR	Q59EC0	High	2.01	3.00	3.00	3.00	1244.00	137.70	8.48
GTPBP4	D2CFK9	High	6.94	5.00	5.00	5.00	634.00	73.90	9.50
PUM3	Q15397	High	2.31	2.00	2.00	2.00	648.00	73.50	9.64
PNMA5	Q96PV4	High	6.25	3.00	3.00	3.00	448.00	49.90	6.73
ORF11	AOA0N9RLH1	High	16.46	5.00	5.00	5.00	407.00	45.20	9.54
EEF2	P13639	High	29.49	26.00	34.00	26.00	858.00	95.30	6.83

b) Protein Quantification

Gene name	Abundance TReX Latent	Abundance TReX Lytic	Abundance MRT04 Latent	Abundance MRT04 Lytic	Abundance Total Latent	Abundance Total Lytic	Abundance Log Latent	Abundance Log Lytic	Log Ratio (Lytic/Latent)
MRT04	1678.20	2552.70	106400.90	79738.70	104722.70	77186.00	5.02	4.89	0.97
CSNK2A2	90.10	108.10	4774.00	4370.70	4683.90	4262.60	3.67	3.63	0.99
RPL4	616.00	527.10	4589.10	5455.00	3973.10	4927.90	3.60	3.69	1.03
RPL7	451.20	413.80	3971.00	4865.30	3519.80	4451.50	3.55	3.65	1.03
BRWD2	256.80	386.00	3685.00	2506.60	3428.20	2120.60	3.54	3.33	0.94
FAM91A1	148.30	228.30	3478.20	2266.60	3329.90	2038.30	3.52	3.31	0.94
RPLP0	871.40	588.70	3838.70	4988.90	2967.30	4400.20	3.47	3.64	1.05
CSNK2A1	333.80	389.30	3014.10	2815.20	2680.30	2425.90	3.43	3.38	0.99
RPL35A	459.20	371.50	3084.60	3935.20	2625.40	3563.70	3.42	3.55	1.04
RPL28	382.10	360.50	3000.20	3806.40	2618.10	3445.90	3.42	3.54	1.03
RPL23A	360.50	301.10	2893.90	3283.60	2533.40	2982.50	3.40	3.47	1.02
RPL6	325.40	240.40	2802.80	3366.20	2477.40	3125.80	3.39	3.49	1.03
RPL5	478.70	476.60	2877.90	2815.40	2399.20	2338.80	3.38	3.37	1.00
RPL7A	382.10	269.80	2722.00	3320.40	2339.90	3050.60	3.37	3.48	1.03
RPL15	299.80	212.00	2582.00	3217.70	2282.20	3005.70	3.36	3.48	1.04
RPL3	465.40	433.50	2339.10	2863.10	1873.70	2429.60	3.27	3.39	1.03
RPL12	380.50	279.00	2217.40	2937.20	1836.90	2658.20	3.26	3.42	1.05
RPL32	206.90	201.60	2039.00	2329.20	1832.10	2127.60	3.26	3.33	1.02
RPL17-C18orf32	298.90	249.00	2099.30	2529.80	1800.40	2280.80	3.26	3.36	1.03
RPS10	714.10	588.10	2430.20	3229.00	1716.10	2640.90	3.23	3.42	1.06
RRM1	177.60	132.60	1734.20	958.50	1556.60	825.90	3.19	2.92	0.91
RPL10A	345.10	243.00	1879.30	2394.10	1534.20	2151.10	3.19	3.33	1.05
PABPC1	941.20	948.50	2437.80	3170.20	1496.60	2221.70	3.18	3.35	1.05
C17orf75	146.80	223.30	1599.10	1175.30	1452.30	952.00	3.16	2.98	0.94
TRIM26	330.80	257.40	1767.40	716.10	1436.60	458.70	3.16	2.66	0.84

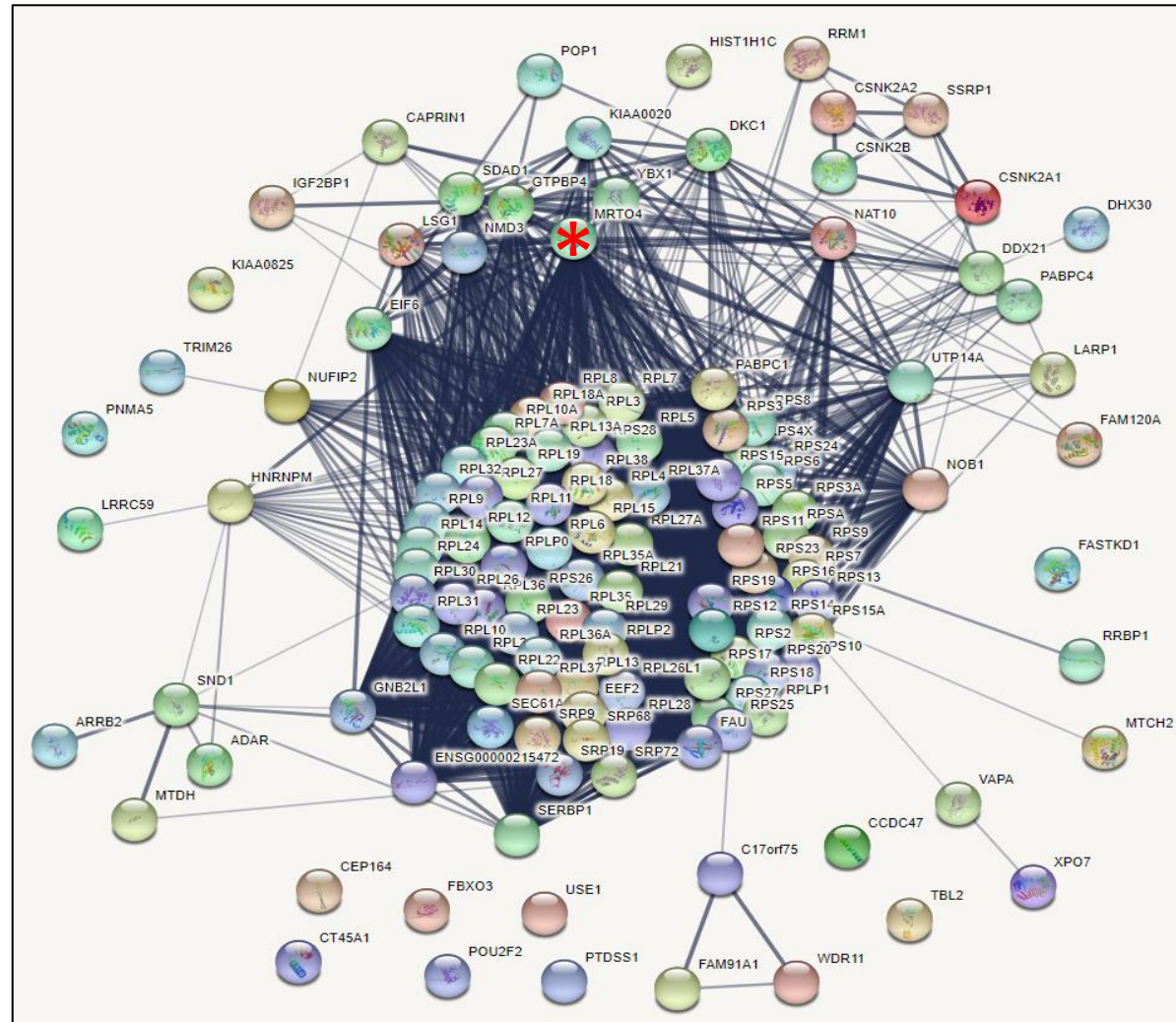
RPL13A	166.70	133.20	1587.90	1823.90	1421.20	1690.70	3.15	3.23	1.02
RPL13	232.30	278.70	1617.30	1928.20	1385.00	1649.50	3.14	3.22	1.02
RPL18	166.70	112.40	1529.90	1847.00	1363.20	1734.60	3.13	3.24	1.03
RPL14	244.30	226.50	1587.70	1957.30	1343.40	1730.80	3.13	3.24	1.04
RPL27	385.60	414.40	1639.40	1994.50	1253.80	1580.10	3.10	3.20	1.03
RPL9	292.70	258.90	1517.20	1957.00	1224.50	1698.10	3.09	3.23	1.05
RPS19	323.10	339.60	1474.60	1871.30	1151.50	1531.70	3.06	3.19	1.04
RPL10	168.60	163.80	1281.70	1481.90	1113.10	1318.10	3.05	3.12	1.02
SRP72	168.80	170.00	1273.20	1104.70	1104.40	934.70	3.04	2.97	0.98
RPL8	313.50	386.40	1407.50	1689.80	1094.00	1303.40	3.04	3.12	1.03
RPS15	326.70	163.20	1411.20	1949.00	1084.50	1785.80	3.04	3.25	1.07
RPL23	259.40	242.50	1332.40	1752.50	1073.00	1510.00	3.03	3.18	1.05
RPL26	234.50	232.90	1306.60	1634.00	1072.10	1401.10	3.03	3.15	1.04
RPL35	156.70	146.70	1227.70	1542.00	1071.00	1395.30	3.03	3.14	1.04
RPL37A	242.30	210.20	1286.40	1702.40	1044.10	1492.20	3.02	3.17	1.05
RPL31	172.70	138.70	1155.30	1436.20	982.60	1297.50	2.99	3.11	1.04
POU2F2	5.10	9.00	933.00	666.50	927.90	657.50	2.97	2.82	0.95
RPL27A	192.60	137.80	1115.70	1399.70	923.10	1261.90	2.97	3.10	1.05
SSRP1	167.30	242.20	1050.80	1080.10	883.50	837.90	2.95	2.92	0.99
RPS3A	439.90	437.40	1319.30	1569.00	879.40	1131.60	2.94	3.05	1.04
RPL24	178.50	189.30	1057.70	1266.40	879.20	1077.10	2.94	3.03	1.03
RPL11	299.10	317.50	1171.30	1527.50	872.20	1210.00	2.94	3.08	1.05
RPL18A	198.10	234.40	1066.70	1275.60	868.60	1041.20	2.94	3.02	1.03
CT45A1	356.10	408.80	1217.60	1782.60	861.50	1373.80	2.94	3.14	1.07
RPS3	483.50	533.90	1341.40	1847.20	857.90	1313.30	2.93	3.12	1.06
RPS4X	261.30	188.90	1115.10	1212.90	853.80	1024.00	2.93	3.01	1.03
RPL36A	131.20	65.10	983.90	1006.60	852.70	941.50	2.93	2.97	1.01
RPS2	382.10	197.80	1225.60	1362.10	843.50	1164.30	2.93	3.07	1.05
LSG1	1811.20	2026.40	2616.00	2176.10	804.80	149.70	2.91	2.18	0.75
SRP68	218.40	184.20	980.20	934.00	761.80	749.80	2.88	2.87	1.00

RPL34	119.00	119.70	879.80	1019.20	760.80	899.50	2.88	2.95	1.03
RACK1	587.50	490.80	1318.50	1679.00	731.00	1188.20	2.86	3.07	1.07
RPS17	286.80	208.00	1008.90	1380.50	722.10	1172.50	2.86	3.07	1.07
RPS11	325.60	342.30	1011.40	1139.50	685.80	797.20	2.84	2.90	1.02
RPL30	891.70	1464.20	1577.30	1988.60	685.60	524.40	2.84	2.72	0.96
CSNK2B	41.00	28.70	715.50	643.80	674.50	615.10	2.83	2.79	0.99
SND1	707.10	608.50	1348.10	1739.40	641.00	1130.90	2.81	3.05	1.09
RPS8	159.00	70.20	783.20	865.60	624.20	795.40	2.80	2.90	1.04
RPS7	224.30	202.20	825.70	1130.70	601.40	928.50	2.78	2.97	1.07
RPL21	76.50	70.30	664.70	797.50	588.20	727.20	2.77	2.86	1.03
RPS18	332.80	212.50	910.00	1176.80	577.20	964.30	2.76	2.98	1.08
RPLP2	177.30	125.10	744.60	915.70	567.30	790.60	2.75	2.90	1.05
RPS23	487.70	457.00	1051.20	1291.60	563.50	834.60	2.75	2.92	1.06
RPL19	368.20	240.50	925.40	1058.60	557.20	818.10	2.75	2.91	1.06
CEP164	0.00	0.00	535.90	272.50	535.90	272.50	2.73	2.44	0.89
RPS20	212.00	573.10	726.00	972.30	514.00	399.20	2.71	2.60	0.96
RPLP1	147.50	83.60	647.60	853.20	500.10	769.60	2.70	2.89	1.07
LARP1	415.50	383.00	908.30	1178.70	492.80	795.70	2.69	2.90	1.08
RPS12	245.90	145.70	733.90	1023.70	488.00	878.00	2.69	2.94	1.09
RPL29	63.20	48.40	545.40	646.40	482.20	598.00	2.68	2.78	1.03
RPS13	257.90	187.30	736.80	970.80	478.90	783.50	2.68	2.89	1.08
RPS6	206.90	192.00	678.80	797.80	471.90	605.80	2.67	2.78	1.04
RPS14	127.50	99.10	589.60	670.60	462.10	571.50	2.66	2.76	1.03
RPSA	146.10	71.50	601.30	812.10	455.20	740.60	2.66	2.87	1.08
LRRC59	610.90	844.90	1027.00	1630.40	416.10	785.50	2.62	2.90	1.11
RPL37	100.30	86.10	513.00	600.20	412.70	514.10	2.62	2.71	1.04
RPL38	705.20	947.70	1112.70	1518.60	407.50	570.90	2.61	2.76	1.06
ARRB2	967.20	1319.40	1351.60	979.20	384.40	1.00	2.58	0.00	-
RPS16	334.00	263.80	717.10	843.40	383.10	579.60	2.58	2.76	1.07
RPS9	232.70	157.70	614.40	777.10	381.70	619.40	2.58	2.79	1.08

RPS24	177.10	108.70	555.50	620.60	378.40	511.90	2.58	2.71	1.05
KRT2	1028.00	1032.40	1401.40	3914.80	373.40	2882.40	2.57	3.46	1.35
RRBP1	272.70	245.80	640.70	1022.70	368.00	776.90	2.57	2.89	1.13
HNRNPM	975.10	1093.90	1338.10	1113.70	363.00	19.80	2.56	1.30	0.51
MTDH	233.20	359.40	587.00	1048.90	353.80	689.50	2.55	2.84	1.11
RPS5	279.10	172.40	626.40	768.30	347.30	595.90	2.54	2.78	1.09
RPL36	58.30	29.70	402.40	518.00	344.10	488.30	2.54	2.69	1.06
RPL22	304.40	508.00	648.10	937.90	343.70	429.90	2.54	2.63	1.04
UTP14A	141.60	117.40	475.70	423.80	334.10	306.40	2.52	2.49	0.99
SERBP1	207.20	104.90	526.70	559.60	319.50	454.70	2.50	2.66	1.06
RPS26	104.10	95.40	411.90	459.00	307.80	363.60	2.49	2.56	1.03
PABPC4	169.70	168.10	473.70	640.80	304.00	472.70	2.48	2.67	1.08
RPS15A	114.90	89.80	418.30	507.50	303.40	417.70	2.48	2.62	1.06
SDAD1	120.00	190.30	421.70	552.10	301.70	361.80	2.48	2.56	1.03
VAPA	581.50	863.60	865.20	775.00	283.70	1.00	2.45	0.00	-
EIF6	79.20	47.40	359.60	434.00	280.40	386.60	2.45	2.59	1.06
XPO7	13.20	5.80	289.30	218.20	276.10	212.40	2.44	2.33	0.95
DHX30	65.60	97.00	337.80	292.80	272.20	195.80	2.43	2.29	0.94
SRP19	40.70	32.20	282.00	218.00	241.30	185.80	2.38	2.27	0.95
DKC1	273.50	993.40	507.80	872.10	234.30	1.00	2.37	0.00	-
FBXO3	28.10	8.70	256.20	328.30	228.10	319.60	2.36	2.50	1.06
RPS27	125.50	96.60	345.20	426.50	219.70	329.90	2.34	2.52	1.08
MTCH2	183.10	138.10	392.60	277.20	209.50	139.10	2.32	2.14	0.92
IGF2BP1	149.40	118.80	354.60	489.30	205.20	370.50	2.31	2.57	1.11
HIST1H1C	316.30	458.50	520.60	655.30	204.30	196.80	2.31	2.29	0.99
NMD3	134.90	122.60	332.60	367.40	197.70	244.80	2.30	2.39	1.04
SRP9	83.80	92.60	276.30	253.90	192.50	161.30	2.28	2.21	0.97
NAT10	115.90	362.60	284.90	593.00	169.00	230.40	2.23	2.36	1.06
POP1	169.90	104.80	338.60	577.00	168.70	472.20	2.23	2.67	1.20
PTDSS1	162.30	170.40	328.20	468.30	165.90	297.90	2.22	2.47	1.11

NOB1P	114.80	97.10	278.90	225.00	164.10	127.90	2.22	2.11	0.95
KIAA0825	36.50	20.20	199.90	245.60	163.40	225.40	2.21	2.35	1.06
FASTKD1	74.90	134.90	236.60	173.10	161.70	38.20	2.21	1.58	0.72
FAU	88.50	56.30	244.90	285.40	156.40	229.10	2.19	2.36	1.08
NUFIP2	372.70	488.50	522.10	659.10	149.40	170.60	2.17	2.23	1.03
FAM120A	156.80	115.80	292.50	339.40	135.70	223.60	2.13	2.35	1.10
YBX1	337.10	94.50	468.60	513.40	131.50	418.90	2.12	2.62	1.24
USE1	27.70	24.10	151.90	196.80	124.20	172.70	2.09	2.24	1.07
RPS28	113.50	93.30	229.20	281.00	115.70	187.70	2.06	2.27	1.10
RPL26L1	11.10	5.80	122.40	157.00	111.30	151.20	2.05	2.18	1.07
RPS25	296.00	402.80	406.60	617.40	110.60	214.60	2.04	2.33	1.14
DDX21	104.80	202.60	206.90	571.00	102.10	368.40	2.01	2.57	1.28
SEC61A1	168.70	153.50	270.10	459.10	101.40	305.60	2.01	2.49	1.24
CAPRIN1	90.40	63.80	187.50	256.60	97.10	192.80	1.99	2.29	1.15
TBL2	20.20	9.60	114.90	181.70	94.70	172.10	1.98	2.24	1.13
CCDC47	144.30	160.10	218.20	479.50	73.90	319.40	1.87	2.50	1.34
ADAR	97.50	97.50	163.80	282.30	66.30	184.80	1.82	2.27	1.24
GTPBP4	48.70	37.40	108.30	190.90	59.60	153.50	1.78	2.19	1.23
PUM3	69.60	137.10	114.10	307.20	44.50	170.10	1.65	2.23	1.35
PNMA5	134.80	126.60	164.10	293.40	29.30	166.80	1.47	2.22	1.51
ORF11	13.00	168.30	34.70	758.20	21.70	589.90	1.34	2.77	2.07
EEF2	4659.60	2754.70	3223.40	2985.20	1.00	230.50	0.00	2.36	+

c) Human Proteins STRING Interaction Maps



2.2 LSG1 Pulldown

a) Protein Identification

Gene name	Accession	Protein FDR Confidence	Coverage	# Peptides	# PSMs	# Unique Peptides	# AAs	MW [kDa]	Calc. pI
LSG1	Q9H089	High	77.51	56.00	348.00	55.00	658.00	75.20	6.38
VAPA	Q9P0L0	High	67.87	17.00	114.00	16.00	249.00	27.90	8.62
VAPB	O95292	High	56.38	14.00	40.00	13.00	243.00	27.20	7.30
PHB2	Q99623	High	70.90	21.00	43.00	21.00	299.00	33.30	9.83
HEL-S-54e	Q6PUJ7	High	58.46	13.00	29.00	13.00	272.00	29.80	5.76
HEL-S-89n	V9HWB4	High	49.85	33.00	44.00	31.00	654.00	72.30	5.16
NAP1L4	B4DS05	High	17.36	7.00	9.00	7.00	386.00	44.10	4.70
VDAC1	P21796	High	70.67	14.00	18.00	13.00	283.00	30.80	8.54
NDUFS1	P28331	High	25.03	12.00	14.00	12.00	727.00	79.40	6.23
MRTO4	A0A024RAE1	High	70.71	26.00	402.00	26.00	239.00	27.50	8.29
ZFPL1	O95159	High	25.81	7.00	8.00	7.00	310.00	34.10	8.07
NAP1L1	A0A024RBB7	High	22.51	8.00	11.00	8.00	391.00	45.30	4.46
NDUFA9	A8K4V2	High	18.83	7.00	10.00	7.00	377.00	42.40	9.86
COX4I1	P13073	High	36.09	7.00	10.00	7.00	169.00	19.60	9.51
RRP12	Q5JTH9	High	32.77	38.00	52.00	38.00	1297.00	143.60	8.75
HIST2H2BF	B4DR52	High	21.69	5.00	5.00	2.00	166.00	18.00	10.32
LRRC59	Q96AG4	High	38.44	11.00	13.00	11.00	307.00	34.90	9.57
RPL6	Q9HBB3	High	41.52	15.00	21.00	15.00	289.00	32.90	10.58
PYCR2	A0A0S2Z5U6	High	30.94	7.00	8.00	6.00	320.00	33.60	7.77
ASPM	Q8IZT6	High	2.90	10.00	11.00	10.00	3477.00	409.50	10.45
VDAC2	A0A024QZN9	High	40.44	10.00	12.00	10.00	319.00	34.50	7.99
COX7C	P15954	High	38.10	3.00	4.00	3.00	63.00	7.20	10.27
MGST3	Q5VV89	High	21.08	3.00	6.00	3.00	166.00	18.40	9.96
COX7B	P24311	Medium	8.75	1.00	1.00	1.00	80.00	9.20	10.27

TRAF3IP3	B3KWQ9	High	18.33	10.00	12.00	10.00	551.00	63.50	8.51
IMMT	B4DQY2	High	15.75	13.00	14.00	9.00	711.00	78.90	7.06
MTCH2	Q9Y6C9	High	27.39	7.00	8.00	7.00	303.00	33.30	7.97
PLG	A0A0F7G8J1	High	8.65	8.00	15.00	6.00	809.00	90.60	7.36
NDUFB6	O95139	High	35.16	4.00	5.00	4.00	128.00	15.50	9.63
NDUFV1	P49821	High	25.65	8.00	9.00	8.00	464.00	50.80	8.21
RPL4	Q59GY2	High	37.19	16.00	22.00	16.00	441.00	49.00	11.02
RPN1	P04843	High	16.31	10.00	10.00	10.00	607.00	68.50	6.38
NDUFS3	O75489	High	14.02	3.00	3.00	3.00	264.00	30.20	7.50
TMPO	A0A024RBE7	High	31.72	9.00	10.00	9.00	454.00	50.60	9.38
NDUFC2	O95298	High	22.69	3.00	3.00	3.00	119.00	14.20	8.98
BRI3BP	Q8WY22	High	9.16	2.00	3.00	2.00	251.00	27.80	9.44
COX5A	H3BNX8	High	28.76	4.00	5.00	4.00	153.00	17.20	6.00
NDUFA13	Q9P0J0	High	42.36	5.00	6.00	5.00	144.00	16.70	8.43
HIST1H3D	A0A0U1RRH7	High	16.47	2.00	4.00	1.00	170.00	18.50	11.52
K4	F5HFL9	High	31.91	5.00	5.00	5.00	94.00	10.50	9.64
CS0DF013YM24	Q53GF9	High	9.33	2.00	2.00	2.00	225.00	25.60	6.70
NDUFS8	O00217	High	19.52	4.00	5.00	4.00	210.00	23.70	6.34
MAGED2	A0A024R9Y7	High	12.21	6.00	7.00	6.00	606.00	64.90	9.32
BCAP31	P51572	High	28.05	7.00	7.00	7.00	246.00	28.00	8.44
NDUFB5	H0Y886	High	5.34	1.00	2.00	1.00	206.00	23.50	9.60
NDUFB7	P17568	High	24.82	3.00	4.00	3.00	137.00	16.40	8.92
MYBBP1A	Q9BQG0	High	5.80	6.00	6.00	6.00	1328.00	148.80	9.28
RPN2	B2RE46	High	11.25	5.00	6.00	5.00	631.00	69.30	5.78
RPL19	P84098	High	31.63	8.00	9.00	8.00	196.00	23.50	11.47
HIST1H2BJ	P06899	High	28.57	5.00	5.00	2.00	126.00	13.90	10.32
OCIAD1	Q9NX40	High	23.67	5.00	5.00	5.00	245.00	27.60	7.49
COX6C	P09669	High	21.33	3.00	3.00	3.00	75.00	8.80	10.39
CANX	P27824	High	14.02	8.00	8.00	8.00	592.00	67.50	4.60
COX2	H9STE0	High	8.66	1.00	1.00	1.00	231.00	25.90	4.82

NADH5	B1W6B2	High	5.94	3.00	3.00	3.00	606.00	67.40	9.10
MGST1	P10620	High	9.03	2.00	3.00	2.00	155.00	17.60	9.39
NDUFS5	O43920	High	16.04	2.00	2.00	2.00	106.00	12.50	9.14
EMD	P50402	High	14.57	3.00	4.00	3.00	254.00	29.00	5.50
VDAC3	Q9Y277	High	26.86	7.00	10.00	6.00	283.00	30.60	8.66
ERCC3	A8K359	High	6.52	5.00	5.00	5.00	782.00	89.20	7.23
TMEM43	Q9BTV4	High	13.25	5.00	5.00	5.00	400.00	44.80	8.13
LBR	A0A024R3R5	High	8.62	6.00	6.00	6.00	615.00	70.70	9.36
COX7A2	H0UI06	High	20.00	2.00	3.00	2.00	115.00	12.80	9.13
CT45A1	Q5HYN5	High	51.32	9.00	13.00	1.00	189.00	21.30	9.83
NDUFB10	A8K761	High	5.81	1.00	2.00	1.00	172.00	20.80	8.48
RAB7A	P51149	High	10.14	2.00	2.00	2.00	207.00	23.50	6.70
CHCHD3	C9JRZ6	High	23.28	5.00	7.00	5.00	232.00	26.70	8.47
PLGRKT	Q9HBL7	High	13.61	2.00	2.00	2.00	147.00	17.20	9.58
DNAJC11	Q9NVH1	High	8.05	4.00	4.00	4.00	559.00	63.20	8.40
NDUFB1	A0A024R6G6	High	34.48	2.00	3.00	2.00	58.00	7.00	8.92
NDUFC1	O43677	High	27.63	2.00	2.00	2.00	76.00	8.70	10.20
PTDSS1	A8KAH1	High	16.07	7.00	8.00	7.00	473.00	55.40	8.38
NDUFB9	E9PF49	High	19.00	3.00	3.00	3.00	221.00	26.60	8.87
FLJ94551	B2R9T9	High	12.76	3.00	4.00	3.00	243.00	26.20	10.67
NDUFA10	E7ESZ7	High	8.72	3.00	4.00	3.00	390.00	44.70	8.34
FH	P07954	High	6.86	3.00	3.00	3.00	510.00	54.60	8.76
GTF2H1	B2R7G4	High	6.57	3.00	4.00	3.00	548.00	62.00	8.84
CEP78	A8MST6	High	6.95	4.00	4.00	4.00	705.00	78.20	8.34
TMED9	A0A024R7M0	High	12.77	4.00	6.00	4.00	235.00	27.30	8.02
YIPF	B3KW34	High	8.17	2.00	2.00	2.00	257.00	28.00	4.36
RPL7A	P62424	High	40.98	16.00	22.00	16.00	266.00	30.00	10.61
PYCR1	E7D7X9	High	24.14	5.00	5.00	4.00	319.00	33.40	7.61
DDX3X	A0A0D9SF53	High	6.55	5.00	5.00	5.00	733.00	81.40	8.07
ERLIN2	O94905	High	15.93	5.00	6.00	5.00	339.00	37.80	5.62

M6PR	P20645	High	15.16	4.00	5.00	4.00	277.00	31.00	5.83
RPL13A	MOQYS1	High	33.81	8.00	9.00	8.00	210.00	24.20	10.86
UQCRC1	P31930	High	14.38	6.00	6.00	6.00	480.00	52.60	6.37
CCDC47	Q96A33	High	20.08	8.00	8.00	8.00	483.00	55.80	4.87
NDUFV2	E7EPT4	High	12.30	3.00	4.00	3.00	252.00	27.90	8.00
COX6A1	A0A024RBN6	High	30.92	2.00	2.00	2.00	152.00	16.80	10.83
RPL27A	P46776	High	27.70	4.00	6.00	4.00	148.00	16.60	11.00
NOP14	A8KA74	High	26.84	21.00	24.00	21.00	857.00	97.60	7.69
NDUFA5	A0A024R745	High	21.55	2.00	3.00	2.00	116.00	13.50	5.99
NDUFS2	O75306	High	10.15	4.00	4.00	4.00	463.00	52.50	7.55
NDUFA8	P51970	High	16.86	3.00	3.00	3.00	172.00	20.10	7.65
NDUFA2	O43678	High	17.17	2.00	2.00	2.00	99.00	10.90	9.57
COX3	I7H1S4	High	5.30	1.00	1.00	1.00	264.00	30.30	7.31
KIAA0825	A0A088AWM3	Medium	0.63	1.00	1.00	1.00	1275.00	147.60	6.61
GHITM	B4DPG9	High	2.87	1.00	1.00	1.00	348.00	37.50	9.89
GPATCH4	A8KAG1	High	3.59	2.00	2.00	2.00	446.00	50.40	9.63
NDUFB3	O43676	High	18.37	2.00	2.00	2.00	98.00	11.40	9.20
NDUFB11	Q7Z4X2	High	14.56	1.00	2.00	1.00	158.00	17.90	5.43
SMIM4	Q8WVIO	High	15.71	1.00	1.00	1.00	70.00	8.70	10.87
STOM	P27105	High	22.22	5.00	6.00	5.00	288.00	31.70	7.88
SEC63	A0A0S2Z5M1	High	7.76	5.00	6.00	5.00	760.00	87.90	5.31
MINOS1	Q5TGZ0	High	10.26	1.00	1.00	1.00	78.00	8.80	8.50
NNT	A0A024R0C3	High	4.97	6.00	6.00	6.00	1086.00	113.80	8.09
SNRPB2	B5BTZ8	High	12.89	2.00	2.00	2.00	225.00	25.40	9.72
CSNK1A1	V9HW00	High	12.43	3.00	3.00	3.00	338.00	39.00	9.57
COX1	B2Y9D8	High	1.55	1.00	1.00	1.00	516.00	57.30	6.80
PHKA1	A6NMN0	Medium	0.56	1.00	1.00	1.00	1240.00	139.00	6.18
SNX31	Q8N9S9	Medium	2.05	1.00	1.00	1.00	440.00	50.80	7.01
MTX2	B3KM74	High	4.94	1.00	1.00	1.00	263.00	29.60	6.77
ORF59	Q77ZG5	High	14.65	5.00	5.00	5.00	396.00	42.40	8.73

vIRF-1	AOA0N9RX90	High	16.70	6.00	7.00	6.00	449.00	48.50	7.64
ORF11	AOA0N9RLH1	High	16.46	5.00	5.00	5.00	407.00	45.20	9.54
ORF58	AOA0N9RV21	High	2.24	1.00	1.00	1.00	357.00	39.80	8.87
ORF70	AOA0N9RPX8	High	6.82	2.00	2.00	2.00	337.00	38.50	7.94

b) Protein Quantification

Gene name	Abundance TReX Latent	Abundance TReX Lytic	Abundance LSG1 Latent	Abundance LSG1 Lytic	Abundance Total Latent	Abundance Total Lytic	Abundance Log Latent	Abundance Log Lytic	Log Ratio (Lytic/Latent)
LSG1	1811.20	2026.40	91672.90	78854.20	89861.70	76827.80	4.95	4.89	0.99
VAPA	581.50	863.60	34319.90	38400.90	33738.40	37537.30	4.53	4.57	1.01
VAPB	215.50	327.00	8196.30	8807.20	7980.80	8480.20	3.90	3.93	1.01
PHB2	355.20	428.90	7201.90	6528.50	6846.70	6099.60	3.84	3.79	0.99
HEL-S-54e	351.50	362.40	5524.60	5298.10	5173.10	4935.70	3.71	3.69	0.99
HEL-S-89n	3214.30	4765.90	4668.90	5939.80	1454.60	1173.90	3.16	3.07	0.97
NAP1L4	227.30	189.20	3359.00	1834.70	3131.70	1645.50	3.50	3.22	0.92
VDAC1	876.40	803.00	3254.20	3988.90	2377.80	3185.90	3.38	3.50	1.04
NDUFS1	376.00	360.10	2279.30	1720.70	1903.30	1360.60	3.28	3.13	0.96
MRTO4	1678.20	2552.70	2233.80	2190.20	555.60	1.00	2.74	0.00	-
ZFPL1	35.20	17.80	2205.20	2139.30	2170.00	2121.50	3.34	3.33	1.00
NAP1L1	324.90	300.80	2091.60	1270.20	1766.70	969.40	3.25	2.99	0.92
NDUFA9	370.10	388.10	2043.90	1618.10	1673.80	1230.00	3.22	3.09	0.96
COX4I1	312.00	267.20	1890.30	1383.90	1578.30	1116.70	3.20	3.05	0.95
RRP12	541.40	651.60	1848.60	1007.30	1307.20	355.70	3.12	2.55	0.82
HIST2H2BF	258.40	281.80	1778.80	860.30	1520.40	578.50	3.18	2.76	0.87
LRRC59	610.90	844.90	1717.10	1296.30	1106.20	451.40	3.04	2.65	0.87
RPL6	325.40	240.40	1653.80	931.50	1328.40	691.10	3.12	2.84	0.91
PYCR2	170.30	154.40	1578.00	1728.40	1407.70	1574.00	3.15	3.20	1.02
ASPM	153.70	263.80	1528.10	524.50	1374.40	260.70	3.14	2.42	0.77
VDAC2	317.70	252.40	1414.70	2024.30	1097.00	1771.90	3.04	3.25	1.07
COX7C	213.20	151.00	1409.30	1006.40	1196.10	855.40	3.08	2.93	0.95
MGST3	70.40	86.10	1367.30	1599.50	1296.90	1513.40	3.11	3.18	1.02
COX7B	212.20	179.20	1251.10	862.10	1038.90	682.90	3.02	2.83	0.94
TRAF3IP3	243.00	334.10	1204.40	1219.00	961.40	884.90	2.98	2.95	0.99

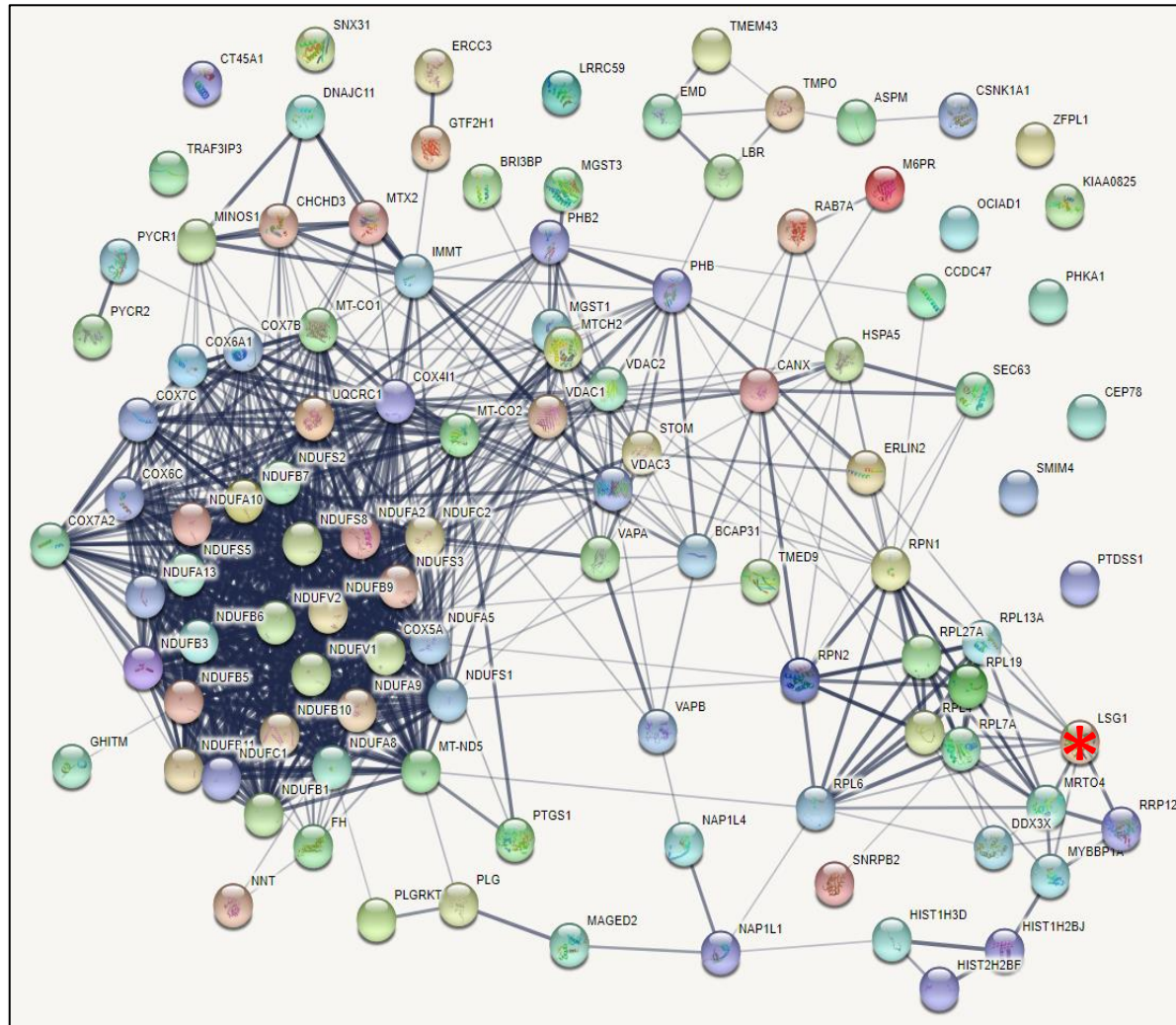
IMMT	450.90	459.70	1197.50	2084.90	746.60	1625.20	2.87	3.21	1.12
MTCH2	183.10	138.10	1115.20	1176.40	932.10	1038.30	2.97	3.02	1.02
PLG	872.90	1204.50	1087.30	659.40	214.40	1.00	2.33	0.00	-
NDUFB6	208.20	281.40	1080.00	897.30	871.80	615.90	2.94	2.79	0.95
NDUFV1	196.90	185.70	1069.40	765.40	872.50	579.70	2.94	2.76	0.94
RPL4	616.00	527.10	1068.80	780.50	452.80	253.40	2.66	2.40	0.91
RPN1	666.10	577.30	1018.30	920.60	352.20	343.30	2.55	2.54	1.00
NDUFS3	147.00	125.30	952.70	657.90	805.70	532.60	2.91	2.73	0.94
TMPO	348.80	366.80	951.50	661.40	602.70	294.60	2.78	2.47	0.89
NDUFC2	137.80	78.50	949.50	799.30	811.70	720.80	2.91	2.86	0.98
BRI3BP	50.80	42.80	944.60	709.30	893.80	666.50	2.95	2.82	0.96
COX5A	263.20	393.60	925.70	591.60	662.50	198.00	2.82	2.30	0.81
NDUFA13	141.20	190.80	912.30	727.00	771.10	536.20	2.89	2.73	0.95
HIST1H3D	105.10	97.40	895.90	497.60	790.80	400.20	2.90	2.60	0.90
K4	111.50	612.90	804.60	448.50	693.10	1.00	2.84	0.00	-
CS0DF013YM24	286.80	244.60	801.50	947.30	514.70	702.70	2.71	2.85	1.05
NDUFS8	180.30	140.20	791.40	660.10	611.10	519.90	2.79	2.72	0.97
MAGED2	161.70	184.30	788.70	628.00	627.00	443.70	2.80	2.65	0.95
BCAP31	567.00	535.40	785.30	904.20	218.30	368.80	2.34	2.57	1.10
NDUFB5	92.60	103.10	777.80	618.20	685.20	515.10	2.84	2.71	0.96
NDUFB7	78.40	43.60	755.70	622.50	677.30	578.90	2.83	2.76	0.98
MYBBP1A	85.90	129.30	747.00	318.70	661.10	189.40	2.82	2.28	0.81
RPN2	451.20	476.50	741.80	665.80	290.60	189.30	2.46	2.28	0.92
RPL19	368.20	240.50	728.30	562.10	360.10	321.60	2.56	2.51	0.98
HIST1H2BJ	138.30	228.20	723.10	479.10	584.80	250.90	2.77	2.40	0.87
OCIAD1	156.50	169.70	697.00	615.20	540.50	445.50	2.73	2.65	0.97
COX6C	121.10	90.70	687.10	497.50	566.00	406.80	2.75	2.61	0.95
CANX	880.80	641.30	678.80	882.00	1.00	240.70	0.00	2.38	+
COX2	76.70	53.00	677.50	484.00	600.80	431.00	2.78	2.63	0.95
NADH5	53.10	47.00	674.20	509.30	621.10	462.30	2.79	2.66	0.95

MGST1	304.40	212.10	643.90	677.90	339.50	465.80	2.53	2.67	1.05
NDUFS5	160.60	143.70	640.80	542.20	480.20	398.50	2.68	2.60	0.97
EMD	95.20	89.70	637.40	513.10	542.20	423.40	2.73	2.63	0.96
VDAC3	204.80	166.80	627.70	896.70	422.90	729.90	2.63	2.86	1.09
ERCC3	23.60	8.70	625.20	169.70	601.60	161.00	2.78	2.21	0.79
TMEM43	107.20	122.80	622.50	576.00	515.30	453.20	2.71	2.66	0.98
LBR	401.90	357.60	612.50	614.30	210.60	256.70	2.32	2.41	1.04
COX7A2	122.40	82.10	602.30	435.70	479.90	353.60	2.68	2.55	0.95
CT45A1	356.10	408.80	585.60	532.90	229.50	124.10	2.36	2.09	0.89
NDUFB10	83.80	95.40	572.50	499.20	488.70	403.80	2.69	2.61	0.97
RAB7A	120.00	86.50	570.40	494.00	450.40	407.50	2.65	2.61	0.98
CHCHD3	209.40	165.80	564.20	1091.60	354.80	925.80	2.55	2.97	1.16
PLGRKT	36.20	31.00	542.90	654.60	506.70	623.60	2.70	2.79	1.03
DNAJC11	90.00	59.70	541.00	653.00	451.00	593.30	2.65	2.77	1.04
NDUFB1	96.90	60.10	517.70	451.90	420.80	391.80	2.62	2.59	0.99
NDUFC1	61.70	64.90	517.50	384.50	455.80	319.60	2.66	2.50	0.94
PTDSS1	162.30	170.40	517.20	514.50	354.90	344.10	2.55	2.54	0.99
NDUFB9	67.00	51.40	504.90	419.40	437.90	368.00	2.64	2.57	0.97
FLJ94551	50.50	52.70	492.90	523.80	442.40	471.10	2.65	2.67	1.01
NDUFA10	125.10	157.80	491.30	395.50	366.20	237.70	2.56	2.38	0.93
FH	109.80	97.20	488.50	640.40	378.70	543.20	2.58	2.73	1.06
GTF2H1	30.50	12.50	476.40	134.70	445.90	122.20	2.65	2.09	0.79
CEP78	30.70	43.30	468.20	192.90	437.50	149.60	2.64	2.17	0.82
TMED9	201.80	177.70	463.30	536.40	261.50	358.70	2.42	2.55	1.06
YIPF	114.30	86.10	450.60	394.00	336.30	307.90	2.53	2.49	0.98
RPL7A	382.10	269.80	449.70	443.80	67.60	174.00	1.83	2.24	1.22
PYCR1	60.20	68.00	445.10	596.10	384.90	528.10	2.59	2.72	1.05
DDX3X	175.60	198.80	425.20	453.00	249.60	254.20	2.40	2.41	1.00
ERLIN2	134.80	141.90	423.60	438.60	288.80	296.70	2.46	2.47	1.00
M6PR	156.20	90.20	396.60	344.30	240.40	254.10	2.38	2.41	1.01

RPL13A	166.70	133.20	382.70	299.40	216.00	166.20	2.33	2.22	0.95
UQCRC1	204.20	149.10	372.30	340.00	168.10	190.90	2.23	2.28	1.02
CCDC47	144.30	160.10	358.10	388.20	213.80	228.10	2.33	2.36	1.01
NDUFV2	67.70	97.20	354.40	275.60	286.70	178.40	2.46	2.25	0.92
COX6A1	61.60	38.30	344.30	229.20	282.70	190.90	2.45	2.28	0.93
RPL27A	192.60	137.80	342.90	354.30	150.30	216.50	2.18	2.34	1.07
NOP14	183.50	203.60	337.10	262.20	153.60	58.60	2.19	1.77	0.81
NDUFA5	52.80	64.70	320.10	257.00	267.30	192.30	2.43	2.28	0.94
NDUFS2	111.90	166.30	320.10	262.80	208.20	96.50	2.32	1.98	0.86
NDUFA8	61.30	68.40	318.30	227.50	257.00	159.10	2.41	2.20	0.91
NDUFA2	44.40	51.10	299.80	229.80	255.40	178.70	2.41	2.25	0.94
COX3	15.40	7.60	279.70	151.40	264.30	143.80	2.42	2.16	0.89
KIAA0825	36.50	20.20	276.70	248.90	240.20	228.70	2.38	2.36	0.99
GHITM	31.50	19.10	273.70	154.70	242.20	135.60	2.38	2.13	0.89
GPATCH4	49.30	52.70	257.40	289.90	208.10	237.20	2.32	2.38	1.02
NDUFB3	50.10	71.20	257.10	215.80	207.00	144.60	2.32	2.16	0.93
NDUFB11	22.70	11.10	247.80	206.90	225.10	195.80	2.35	2.29	0.97
SMIM4	80.00	134.30	240.00	189.20	160.00	54.90	2.20	1.74	0.79
STOM	66.60	99.30	227.20	205.60	160.60	106.30	2.21	2.03	0.92
SEC63	127.60	114.40	225.60	302.00	98.00	187.60	1.99	2.27	1.14
MINOS1	17.60	26.50	217.90	235.20	200.30	208.70	2.30	2.32	1.01
NNT	123.90	98.00	215.40	301.60	91.50	203.60	1.96	2.31	1.18
SNRPB2	36.50	34.20	212.00	452.70	175.50	418.50	2.24	2.62	1.17
CSNK1A1	42.70	22.00	205.80	86.20	163.10	64.20	2.21	1.81	0.82
COX1	26.00	20.20	202.60	116.00	176.60	95.80	2.25	1.98	0.88
PHKA1	60.30	80.20	188.90	385.10	128.60	304.90	2.11	2.48	1.18
SNX31	26.30	11.70	170.20	259.10	143.90	247.40	2.16	2.39	1.11
MTX2	41.80	49.20	160.20	300.70	118.40	251.50	2.07	2.40	1.16
ORF59	19.10	353.00	77.50	568.80	58.40	215.80	1.77	2.33	1.32
vIRF-1	119.40	601.00	68.20	942.00	1.00	341.00	0.00	2.53	+

ORF11	13.00	168.30	40.40	533.60	27.40	365.30	1.44	2.56	1.78
ORF58	32.20	94.60	39.70	480.30	7.50	385.70	0.88	2.59	2.96
ORF70	30.10	238.70	31.20	392.90	1.10	154.20	0.04	2.19	52.86

c) Human Proteins STRING Interaction Maps



2.3 NMD3 Pulldown

a) Protein Identification

Gene name	Accession	Protein FDR Confidence	Coverage	# Peptides	# PSMs	# Unique Peptides	# AAs	MW [kDa]	Calc. pI
NMD3	C9JA08	High	59.17	27.00	230.00	27.00	529.00	60.10	6.62
TSR1	Q2NL82	High	51.74	37.00	296.00	37.00	804.00	91.80	7.42
ERCC4	Q92889	Medium	0.76	1.00	3.00	1.00	916.00	104.40	6.93
HMGB1	A0A024RDR0	High	48.37	17.00	68.00	15.00	215.00	24.90	5.74
DOCK7	Q96N67	High	3.22	7.00	7.00	7.00	2140.00	242.40	6.80
TMA7	Q9Y2S6	High	60.94	6.00	14.00	5.00	64.00	7.10	9.99
MANF	A8K878	High	40.54	9.00	10.00	9.00	185.00	21.10	8.92
CRIP1	Q9P021	High	57.43	8.00	20.00	7.00	101.00	11.20	9.47
FKBP3	Q00688	High	39.29	9.00	12.00	9.00	224.00	25.20	9.28
ZZZ3	Q8IYH5	Medium	0.78	1.00	1.00	1.00	903.00	102.00	5.69
MACROD1	Q9BQ69	High	19.38	6.00	6.00	6.00	325.00	35.50	9.51
METAP2	P50579	High	11.51	4.00	4.00	4.00	478.00	52.90	5.82
RPL32	F8W727	High	33.99	5.00	6.00	5.00	153.00	18.00	10.59
RPL13A	M0QYS1	High	25.24	6.00	7.00	6.00	210.00	24.20	10.86
NOP14	A8KA74	High	40.84	34.00	69.00	34.00	857.00	97.60	7.69
PABPC1	P11940	High	22.33	13.00	16.00	9.00	636.00	70.60	9.50
LTA4H	P09960	High	11.46	6.00	6.00	6.00	611.00	69.20	6.18
RPSA	A0A0C4DG17	High	41.00	8.00	10.00	8.00	300.00	33.30	4.87
ARRB2	P32121	High	28.61	12.00	17.00	12.00	409.00	46.10	7.69
RPLP0	A0A024RBS2	High	39.75	10.00	14.00	10.00	317.00	34.30	5.97
RPS10	Q59GE4	High	32.18	8.00	11.00	8.00	174.00	19.80	9.91
HEL-S-102	V9HW43	High	21.95	4.00	4.00	4.00	205.00	22.80	6.40
ATXN2L	Q8WWM7	High	20.93	17.00	21.00	3.00	1075.00	113.30	8.59
K2	A0A0N9RP55	High	29.41	5.00	7.00	5.00	204.00	23.50	7.39

PGK1	P00558	High	14.87	7.00	7.00	7.00	417.00	44.60	8.10
CCT2	P78371	High	11.03	5.00	5.00	5.00	535.00	57.50	6.46
HSP90AA1	P07900	High	13.39	10.00	13.00	4.00	732.00	84.60	5.02
PCMT1	H7BY58	High	54.20	12.00	29.00	12.00	286.00	30.30	6.73
ALDOA	J3KPS3	High	18.75	7.00	7.00	7.00	368.00	39.80	8.09
CCT4	A8K3C3	High	14.10	7.00	8.00	7.00	539.00	57.90	7.83
LDHA	P00338	High	17.17	6.00	6.00	6.00	332.00	36.70	8.27
PCBP1	Q53SS8	High	37.36	10.00	12.00	6.00	356.00	37.50	7.09
FAM32A	A0A024R7I4	High	35.71	4.00	14.00	4.00	112.00	13.20	9.99
HSP90AB1	P08238	High	25.55	17.00	24.00	11.00	724.00	83.20	5.03
NME1-NME2	Q32Q12	High	26.37	5.00	5.00	5.00	292.00	32.60	8.48
PGAM1	Q0D2Q6	High	18.11	3.00	3.00	3.00	254.00	28.80	7.18
HEL-S-72p	V9HW22	High	44.58	26.00	53.00	19.00	646.00	70.90	5.52
RAVER1	E9PAU2	High	31.48	15.00	22.00	15.00	756.00	79.50	8.92
N/A	A8K486	High	44.85	8.00	18.00	7.00	165.00	18.00	6.90
CHERP	J3QK89	High	25.24	21.00	37.00	21.00	927.00	104.90	9.19
EEF2	P13639	High	14.22	12.00	14.00	12.00	858.00	95.30	6.83
TUBB	Q5SU16	High	30.41	12.00	28.00	3.00	444.00	49.60	4.89
THEM4	Q5T1C6	High	20.42	5.00	5.00	5.00	240.00	27.10	8.28
TPI1	P60174	High	40.21	8.00	10.00	8.00	286.00	30.80	5.92
ENO1	P06733	High	24.65	10.00	13.00	10.00	434.00	47.10	7.39
TUBA1B	P68363	High	38.58	14.00	26.00	14.00	451.00	50.10	5.06
LDHB	Q5U077	High	21.86	7.00	7.00	7.00	334.00	36.60	6.05
ACTG1	P63261	High	30.40	9.00	12.00	3.00	375.00	41.80	5.48
GAPDH	P04406	High	30.75	9.00	13.00	9.00	335.00	36.00	8.46
HEL-S-30	V9HWB8	High	22.22	12.00	14.00	12.00	531.00	57.90	7.84
ACACA	Q13085	High	42.46	83.00	144.00	83.00	2346.00	265.40	6.37

b) Protein Quantification

Gene name	Abundance TReX Latent	Abundance TReX Lytic	Abundance NMD3 Latent	Abundance NMD3 Lytic	Abundance Total Latent	Abundance Total Lytic	Abundance Log Latent	Abundance Log Lytic	Log Ratio (Lytic/Latent)
NMD3	2105.50	2453.70	112779.80	63287.30	110674.30	60833.60	5.04	4.78	0.95
TSR1	2603.20	2643.50	5070.00	3835.40	2466.80	1191.90	3.39	3.08	0.91
ERCC4	0.00	14.30	1509.40	942.60	1509.40	928.30	3.18	2.97	0.93
HMGB1	8405.70	10686.70	9468.50	5117.60	1062.80	1.00	3.03	0.00	-
DOCK7	123.90	104.40	830.40	205.00	706.50	100.60	2.85	2.00	0.70
TMA7	1417.00	1509.00	1874.20	897.00	457.20	1.00	2.66	0.00	-
MANF	1001.40	2246.90	1396.70	806.00	395.30	1.00	2.60	0.00	-
CRIP1	1175.00	1033.60	1434.60	835.70	259.60	1.00	2.41	0.00	-
FKBP3	1177.10	1935.90	1431.00	861.90	253.90	1.00	2.40	0.00	-
ZZZ3	0.00	0.00	241.60	201.80	241.60	201.80	2.38	2.30	0.97
MACROD1	417.40	610.60	592.90	212.60	175.50	1.00	2.24	0.00	-
METAP2	212.90	254.10	378.80	272.00	165.90	17.90	2.22	1.25	0.56
RPL32	175.30	148.50	266.90	398.40	91.60	249.90	1.96	2.40	1.22
RPL13A	242.50	120.70	289.30	359.40	46.80	238.70	1.67	2.38	1.42
NOP14	804.90	647.50	435.40	797.70	1.00	150.20	0.00	2.18	+
PABPC1	457.60	197.20	196.70	354.20	1.00	157.00	0.00	2.20	+
LTA4H	309.90	189.60	125.50	347.30	1.00	157.70	0.00	2.20	+
RPSA	233.00	108.50	107.50	273.70	1.00	165.20	0.00	2.22	+
ARRB2	1968.70	908.40	1488.20	1080.80	1.00	172.40	0.00	2.24	+
RPLP0	294.40	161.80	154.00	335.20	1.00	173.40	0.00	2.24	+
RPS10	679.20	393.50	347.10	577.20	1.00	183.70	0.00	2.26	+
HEL-S-102	409.00	191.90	133.90	382.80	1.00	190.90	0.00	2.28	+
ATXN2L	1727.90	735.80	1244.70	931.50	1.00	195.70	0.00	2.29	+
K2	307.00	424.70	116.40	622.30	1.00	197.60	0.00	2.30	+
PGK1	663.90	494.50	290.40	696.80	1.00	202.30	0.00	2.31	+

CCT2	393.60	235.00	214.30	456.80	1.00	221.80	0.00	2.35	+
HSP90AA1	428.90	274.30	123.70	508.20	1.00	233.90	0.00	2.37	+
PCMT1	3272.20	1571.60	2356.50	1894.50	1.00	322.90	0.00	2.51	+
ALDOA	557.40	288.20	170.90	656.30	1.00	368.10	0.00	2.57	+
CCT4	540.50	260.00	539.30	630.10	1.00	370.10	0.00	2.57	+
LDHA	812.50	289.80	329.10	664.20	1.00	374.40	0.00	2.57	+
PCBP1	1263.90	469.20	635.60	860.80	1.00	391.60	0.00	2.59	+
FAM32A	2147.80	1233.80	1344.90	1653.80	1.00	420.00	0.00	2.62	+
HSP90AB1	2015.40	1728.80	776.80	2149.40	1.00	420.60	0.00	2.62	+
NME1-NME2	484.00	207.00	138.70	648.80	1.00	441.80	0.00	2.65	+
PGAM1	409.70	177.30	133.80	622.30	1.00	445.00	0.00	2.65	+
HEL-S-72p	6282.10	3696.40	3099.30	4163.20	1.00	466.80	0.00	2.67	+
RAVER1	1910.90	696.30	1576.80	1238.20	1.00	541.90	0.00	2.73	+
N/A	1381.00	549.70	806.20	1091.70	1.00	542.00	0.00	2.73	+
CHERP	8061.20	1775.70	3766.70	2362.40	1.00	586.70	0.00	2.77	+
EEF2	1007.20	600.30	503.10	1251.10	1.00	650.80	0.00	2.81	+
TUBB	1894.60	909.90	1207.00	1573.90	1.00	664.00	0.00	2.82	+
THEM4	96.20	241.30	53.50	935.20	1.00	693.90	0.00	2.84	+
TPI1	838.70	314.10	196.20	1019.80	1.00	705.70	0.00	2.85	+
ENO1	1123.50	605.70	469.60	1343.90	1.00	738.20	0.00	2.87	+
TUBA1B	2494.00	1022.70	1433.00	1884.10	1.00	861.40	0.00	2.94	+
LDHB	911.30	424.80	292.90	1396.40	1.00	971.60	0.00	2.99	+
ACTG1	1202.40	693.70	284.30	1687.90	1.00	994.20	0.00	3.00	+
GAPDH	1449.10	643.00	499.70	1989.50	1.00	1346.50	0.00	3.13	+
HEL-S-30	1411.70	587.90	530.50	2072.00	1.00	1484.10	0.00	3.17	+
ACACA	19189.30	8149.40	12735.60	14188.30	1.00	6038.90	0.00	3.78	+

c) Human Proteins STRING Interaction Maps

