

Supplementary Table 3

Gene Symbol	Abundance Ratio: (BM) / (CNS)	Abundance Ratio Adj. P-Value
NASP	0.01	1.096E-16
TXNRD1	0.01	1.096E-16
SERPINB4	0.01	1.096E-16
CAMK2B	0.01	1.096E-16
DSG1	0.01	1.096E-16
CKMT1A; CKMT1B	0.01	1.096E-16
ATP2B2	0.01	1.096E-16
C17orf49	0.01	1.096E-16
CRMP1	0.01	1.096E-16
CDC42	0.01	1.096E-16
MBP	0.01	1.096E-16
VSNL1	0.01	1.096E-16
KRT13	0.01	1.096E-16
SYN2	0.01	1.096E-16
SI00A7A	0.01	1.096E-16
KRT77	0.01	1.096E-16
CNTN1	0.01	1.096E-16
HSPA4L	0.01	1.096E-16
TAGLN3	0.01	1.096E-16
SLC1A2	0.01	1.096E-16
SLC12A5	0.01	1.096E-16
LINS4	0.01	1.096E-16
SH3GL2	0.01	1.096E-16
ATP1B2	0.01	1.096E-16
ACTL6B	0.01	1.096E-16
SEPT8	0.01	1.096E-16
TGM3	0.01	1.096E-16
SNAP91	0.01	1.096E-16
ATP1B1	0.01	1.096E-16
NAV1	0.01	1.096E-16
CALML3	0.01	1.096E-16
RHOB	0.01	1.096E-16
GPM6A	0.01	1.096E-16
STX1A	0.01	1.096E-16
ANK2	0.01	1.096E-16
SLC4A4	0.01	1.096E-16
MAPT	0.01	1.096E-16
CLIC6	0.01	1.096E-16
HIP1	0.01	1.096E-16
CALB2	0.01	1.096E-16
PCCB	0.01	1.096E-16
FLG2	0.01	1.096E-16
NEFH	0.01	1.096E-16
ASPRV1	0.01	1.096E-16
LRP1	0.01	1.096E-16
PRCP	0.01	1.096E-16
MAOB	0.01	1.096E-16
TPPP	0.01	1.096E-16
RG810	0.01	1.096E-16
SNCB	0.01	1.096E-16
ISCU	0.01	1.096E-16
SYT2	0.01	1.096E-16
AQP1	0.01	1.096E-16
ACSL6	0.01	1.096E-16
DMX12	0.01	1.096E-16
UBP1	0.01	1.096E-16
IGHG2	0.01	1.096E-16
IGFBP2	0.01	1.096E-16
LRRC20	0.01	1.096E-16
SH2D3C	0.01	1.096E-16
GABARAPL1	0.01	1.096E-16
SYNGAP1	0.01	1.096E-16
HSPA12A	0.01	1.096E-16
GDAP1	0.01	1.096E-16
PRKCG	0.01	1.096E-16
SFXN5	0.01	1.096E-16
ATP6V0A1	0.01	1.096E-16
PGM2L1	0.01	1.096E-16
PACSIN1	0.01	1.096E-16
NTSE	0.01	1.096E-16
RBP4	0.01	1.096E-16
MPLKIP	0.01	1.096E-16
SEPT4	0.01	1.096E-16
VAMP1	0.01	1.096E-16
NTM	0.01	1.096E-16
ACTR6	0.01	1.096E-16
PLCB1	0.01	1.096E-16
CPLX2	0.01	1.096E-16
SYNJ1	0.01	1.096E-16
SLC44A1	0.01	1.096E-16
C8B	0.01	1.096E-16
DAM1	0.01	1.096E-16
CORO2B	0.01	1.096E-16
ANAPC1	0.01	1.096E-16
PTPN18	0.01	1.096E-16
TSC1	0.01	1.096E-16
MED31	0.01	1.096E-16
PURB	0.01	1.096E-16
OPCML	0.01	1.096E-16
SLC12A6	0.01	1.096E-16
KMT2B; MLL4	0.01	1.096E-16
NME3	0.01	1.096E-16
EPHA7	0.01	1.096E-16
C16orf88; KNOP1	0.01	1.096E-16
TNR	0.01	1.096E-16
TMOD2	0.01	1.096E-16
TYMP	0.01	1.096E-16
PCP4	0.01	1.096E-16
PFN2	0.01	1.096E-16
NFASC	0.01	1.096E-16
CDH13	0.01	1.096E-16
SERPINA10	0.081	4.80453E-15
TRAPPC4	0.082	1.096E-16
FOXO3	0.082	3.82275E-13

Gene Symbol	Abundance Ratio: (BM) / (CNS)	Abundance Ratio Adj. P-Value
CACNA2D1	0.01	1.096E-16
CADM3	0.01	1.096E-16
SYNE1	0.01	1.096E-16
CRCP	0.01	1.096E-16
PTGS1	0.01	1.096E-16
NCAM1	0.01	1.096E-16
DERL2	0.01	1.096E-16
NBR1	0.01	1.096E-16
FBXO38	0.01	1.096E-16
NT5DC3	0.01	1.096E-16
ATP6V1G2	0.01	1.096E-16
PTMS	0.01	1.096E-16
CEBPG	0.01	1.096E-16
LGII	0.01	1.096E-16
SSH2	0.01	1.096E-16
NCCRP1	0.01	1.096E-16
POF1B	0.01	1.096E-16
ZNF281	0.01	1.096E-16
GPD1	0.01	1.096E-16
AMY1C; AMY1A; AMY1B	0.01	1.096E-16
SORBS3	0.01	1.096E-16
ATL1	0.01	1.096E-16
NDRG2	0.01	1.096E-16
SYP	0.01	1.096E-16
TGFBI	0.01	1.096E-16
C1QTNF5	0.01	1.096E-16
BIN2	0.01	1.096E-16
ABCC1	0.01	1.096E-16
LPHN2; ADGRL2	0.01	1.096E-16
PAK4	0.01	1.096E-16
MF2; MELTF	0.01	1.096E-16
POLR3K	0.01	1.096E-16
AGTRAP	0.01	1.096E-16
UBXN6	0.01	1.096E-16
VKORC1L1	0.01	1.096E-16
NADSYN1	0.01	1.096E-16
SEPP1; SELENOP	0.01	1.096E-16
PHF11	0.01	1.096E-16
FXYD7	0.01	1.096E-16
LBP	0.01	1.096E-16
C12orf29	0.01	1.096E-16
GJA1	0.01	1.096E-16
DSC3	0.01	1.096E-16
DCLK1	0.01	1.096E-16
GRM3	0.01	1.096E-16
ADAP1	0.01	1.096E-16
CTS2; CTSV	0.01	1.096E-16
C19orf53	0.01	1.096E-16
LCAT	0.01	1.096E-16
KIAA1045; PHF24	0.01	1.096E-16
CTNND2	0.01	1.096E-16
DYNLT3	0.01	1.096E-16
DENND4A	0.01	1.096E-16
FBXO11	0.01	1.096E-16
CSAD	0.01	1.096E-16
MAP4K2	0.01	1.096E-16
SLC1A3	0.01	1.096E-16
C1orf105	0.01	1.096E-16
APOA2	0.01	1.096E-16
KRTAP3-1	0.01	1.096E-16
GJD4	0.01	1.096E-16
GLIPR1L2	0.01	1.096E-16
MAG	0.01	1.096E-16
ELOF1	0.01	1.096E-16
HMBOX1	0.01	1.096E-16
NCS1	0.01	1.096E-16
IGF2	0.01	1.096E-16
COL5A1	0.01	1.096E-16
	0.01	1.096E-16
STK31	0.01	1.096E-16
SMYD5	0.01	1.096E-16
HDAC8	0.01	1.096E-16
PIP	0.01	1.096E-16
SI00A2	0.01	1.096E-16
NR4A1	0.01	1.096E-16
HAL	0.01	1.096E-16
RNF10	0.01	1.096E-16
THAP1	0.01	1.096E-16
TMEM230	0.019	1.096E-16
USF2	0.025	1.096E-16
MBP	0.028	1.096E-16
NEFL	0.028	1.096E-16
OGDHL	0.032	1.096E-16
GPR179	0.036	1.096E-16
SAR1B	0.038	1.096E-16
PSD3	0.042	1.18491E-13
CTSH	0.049	3.68971E-12
AMBP	0.054	6.0928E-13
POLR3A	0.056	4.81753E-13
NAPB	0.057	1.096E-16
C9	0.061	1.096E-16
KRT86	0.065	2.92453E-11
LPCAT2	0.068	1.096E-16
MFAP4	0.068	1.096E-16
PRRC2B	0.068	3.01142E-11
BANP	0.069	2.75751E-11
PIK2	0.072	1.096E-16
DDX12P	0.079	1.096E-16
RBBP9	0.079	1.096E-16
POSTN	0.081	1.096E-16
CCDC37; CFAP100	0.081	1.096E-16
KRT5	0.447	8.17339E-09
APOB	0.45	9.45877E-05
SYN1	0.457	1.46149E-05

NARF	0.085	1.14198E-09
ICOSLG; LOC102723996	0.089	1.096E-16
HLA-B	0.093	1.096E-16
TSPYL2	0.093	1.096E-16
CADPS	0.094	1.096E-16
PRR12	0.095	1.096E-16
SYT1	0.096	1.096E-16
TBC1D10A	0.097	1.46646E-08
LRPAP1	0.101	4.73882E-12
ADHFE1	0.101	6.7615E-11
DTD1	0.101	1.96254E-10
PLP1	0.106	1.096E-16
CDSN	0.106	6.8999E-14
TNIP2	0.107	3.75804E-08
ATPIA3	0.111	1.096E-16
PROS1	0.111	2.3438E-07
TUBB2A	0.112	1.096E-16
SPAG5	0.113	1.91718E-14
CMC2	0.115	4.80453E-15
ZMAT3	0.118	1.096E-16
GNAO1	0.119	1.096E-16
SNAP25	0.12	1.096E-16
DUS2L; DUS2	0.121	3.30685E-07
CDH11	0.123	2.83327E-09
STATH	0.124	1.096E-16
INA	0.124	8.08643E-13
C7orf26	0.133	4.47001E-06
C7	0.141	5.47376E-09
CAMK2A	0.142	1.096E-16
AMPH	0.149	4.0314E-07
MATN1	0.154	8.12104E-12
BR13BP	0.165	2.59207E-05
SERPINA7	0.176	1.096E-16
ZBTB11	0.18	1.04609E-05
CYB5R4	0.183	2.13479E-12
OCLAD2	0.188	0.000104367
FAM115A; TCAF1	0.194	1.10178E-12
NCALD	0.199	2.5419E-09
SEPT3	0.204	3.96482E-06
MARC2	0.215	0.000473874
FBP2	0.225	5.03281E-07
MGAT4C	0.226	1.096E-16
SLC30A9	0.233	6.78108E-07
FBXO22	0.24	9.9777E-09
NPTN	0.247	6.32211E-09
SERPINF1	0.247	7.47598E-09
CPLX1	0.25	0.00149466
CASP14	0.256	1.12528E-06
ZNF518B	0.263	6.9516E-08
TUBB2B	0.271	1.096E-16
FBLN1	0.28	1.35649E-07
MEIS1	0.286	0.000188665
CCDC146	0.288	0.002246062
UBE2A	0.291	2.93177E-05
GALE	0.294	1.26138E-06
AFP	0.297	1.096E-16
DSCC1	0.299	6.01694E-05
HRNR	0.302	0.003560099
IRF4	0.303	0.012449989
INS-IGF2; INS	0.314	1.41005E-09
	0.317	0.000517913
SNCA	0.32	1.096E-16
UBE2D1	0.343	9.09856E-06
CKB	0.356	5.02231E-10
ITIH1	0.356	0.005398844
VPREB1	0.358	1.48524E-05
SIKE1	0.36	0.000521914
GCFC2	0.36	0.003298997
KRT2	0.365	1.096E-16
KRT9	0.37	1.096E-16
LTF	0.371	1.67888E-14
CTTNBP2NL	0.376	0.00596961
ALDOC	0.377	2.40614E-15
ABAT	0.378	2.46955E-07
A2M	0.381	6.3993E-11
TMPPRS7	0.381	0.000406908
LSP1	0.385	1.3787E-07
PRMT6	0.391	0.007243903
ANKRD35	0.393	0.001478093
FAM48A; SUP120H	0.393	0.035674793
TRAF6	0.395	4.47557E-06
SERPING1	0.395	0.000395442
METTL14	0.401	0.032014674
ATPIA2	0.402	7.26587E-06
HPCAL4	0.405	0.000332295
KIF21B	0.406	0.002279068
CLEC3B	0.411	0.000396896
STX1B	0.412	9.21817E-07
IGHA1	0.426	0.001039995
AUH	0.426	0.005023057
PBX3	0.434	0.009325132
HIRA	0.434	0.026743456
DHRS7	0.435	0.001130037
EMB	0.439	4.64186E-05
ALB	0.444	1.12189E-11
PPARD	0.445	0.003160198
HIF0	0.447	1.62213E-11
SAMHD1	1.748	0.00181271
HIST2H3A; HIST2H3C; HIST2H	1.772	0.000371391
NDUFA6	1.803	0.027973655
LPXN	1.816	0.022834251
ACTA1	1.861	1.72331E-05
BANK1	1.865	0.001384632
MRPS34	1.868	0.009591287
SEC61B	1.87	0.035876576
CPT1A	1.877	0.007008131

ITIH2	0.458	2.95658E-08
DNM1	0.468	0.000248931
FLG	0.474	0.020742522
KRT178	0.478	0.049424665
MCOLN2	0.481	0.002163717
PCNT	0.481	0.002392455
LIN7A	0.484	0.011223368
FBXO7	0.491	0.031716714
DSC1	0.493	0.04113762
RAB4B	0.494	0.001028745
ASAP2	0.496	1.61024E-06
APOH	0.498	0.00120561
HLA-A	0.5	0.002638561
GNG7	0.512	0.001580519
ZC4H2	0.514	0.03972233
KRT14	0.515	3.47999E-06
CALML5	0.515	0.000115481
APOA1	0.518	1.23015E-06
DCD	0.52	0.000163441
KBTBDB8	0.521	0.019469519
PKLR	0.523	0.041775582
PC	0.526	0.005611635
LDLRAP1	0.527	0.046714407
OVCA2	0.531	0.002504408
GFAP	0.542	0.00475395
PZP	0.542	0.016698941
OXR1	0.542	0.025614711
SEPT5	0.545	0.001911077
SYPL1	0.552	0.000684232
THNSL1	0.552	0.031556391
PKIG	0.555	0.039639385
TUBB3	0.556	7.46497E-05
CAMK2G	0.564	7.63534E-05
KIAA0586	0.564	0.016089296
C19orf77; SMIM24	0.572	0.003464737
FSCN1	0.574	4.77329E-05
C12orf57	0.576	0.003840035
KRT10	0.586	1.29648E-05
MAP1A	0.587	0.032202008
HSPB1	0.588	1.47339E-05
ENO3	0.594	0.001496128
TUBA4A	0.601	0.000201477
C3	0.61	0.000644408
QDPR	0.611	0.000876705
KRT1	0.624	0.000141293
PALM	0.635	0.019389557
MECP2	0.636	0.005882546
SLC25A4	0.638	0.004758425
SLC25A22	0.641	0.002669553
MYOM1	0.642	0.044615899
ITP1	0.644	0.000431824
TMA7	0.646	0.001527212
SERPINF2	0.648	0.002322727
ERH	0.658	0.005459988
PCYT2	0.663	0.03796611
SOD1	0.667	0.001434552
NDRG1	0.672	0.008221367
HIFX	0.675	0.002061829
UCHL1	0.678	0.025731825
PTMA	0.683	0.003051553
CLTB	0.683	0.026713478
EIF4A2	0.686	0.006965526
LEFT1	0.686	0.009731041
SUMO2	0.689	0.017512048
PPP3CA	0.69	0.007854529
EDF1	0.69	0.008377604
NUCB1	0.69	0.026352667
RNF2	0.695	0.036744703
KTN1	0.698	0.008725818
SNRPA	0.699	0.008863765
HSPA1A; HSPA1B	0.703	0.006761352
ZNF638	0.715	0.043916761
ZC3HAV1L	0.718	0.045914038
TXN	0.727	0.029629856
CNBP	0.732	0.019808901
ATPIA1	0.732	0.020825932
GDI1	0.733	0.037021628
GBE1	0.737	0.043506207
SERBP1	0.749	0.034490011
ATP5H	1.452	0.045614787
SUCLG2	1.463	0.034603362
MYL12B; MYL12A	1.537	0.011016135
MRPL11	1.554	0.037778267
TTN	1.554	0.041775582
TYMS	1.594	0.025390353
FMNL1	1.615	0.012590111
PTPRC	1.65	0.001387251
HBB	1.654	0.001244852
FAM82B; RMDN1	1.664	0.005820084
UGT3A2	1.677	0.005073463
FTL	1.702	0.016239846
ACTN3	1.702	0.044516433
C14orf2	1.706	0.027348627
ATP5I	1.715	0.000732571
NDUFA5	1.723	0.004076112
MYH9	1.732	0.000261473
MYO1G	1.745	0.048215951
SLC34A2	4.616	5.79384E-08
HMX3	4.639	0.001827513
ZNFX1	4.642	2.29853E-06
MYH10	4.645	6.14523E-09
PMP2	4.657	8.22799E-08
DDX19B	4.807	4.01518E-07
KIAA0513	5.196	6.34465E-05
PLD4	5.256	7.23452E-09
AHNAK	5.426	1.096E-16

HBA2; HBA1	1.895	8.12664E-06
NDUFA3	1.897	0.047201984
CFL2	1.9	0.007292688
GY51	1.914	0.040524347
HLA-DRB1	1.935	0.003464737
SERPINH1	1.972	8.40934E-05
ATP2A3	1.979	9.15298E-05
CA2	1.982	0.002200146
PDF	2.012	0.01438861
HLA-A; LOC100507703	2.019	0.004211435
ACTC1	2.083	0.000604887
C17orf61; TMEM256	2.09	0.002374275
SLC22A8	2.111	0.002905721
FTH1	2.115	8.722E-07
HMG3	2.165	3.35988E-06
HLA-DRB1	2.176	0.001845926
NACAP1	2.187	0.04369368
FDX1	2.231	0.03032974
MYBPC2	2.232	0.000119958
DES	2.242	0.028697724
SSR3	2.256	0.003960434
SESN3	2.257	0.000171783
CEP97	2.258	0.035674793
ATP8	2.281	0.006447863
MRPS17	2.348	3.10103E-05
MZT1	2.353	0.00025479
MRPL16	2.365	0.000371391
TRAPPC8	2.373	0.017782953
PYGM	2.38	0.014554519
HLA-DRB3	2.41	0.000954418
SVIP	2.412	0.003909279
RPF1	2.457	0.007862976
COPS7A	2.464	0.043582316
ECI2	2.486	0.020553493
ARF4	2.489	0.000290047
TP53	2.496	3.71262E-08
SYNRG	2.556	0.031299626
JTB	2.583	0.005009068
NDUFB1	2.597	0.000190776
HERC5	2.599	0.004649749
CDKN2AIPNL	2.62	0.003526575
STK11P	2.638	0.005018613
PTRPS	2.659	0.003508016
RSL24D1	2.663	0.000315997
NDUFB7	2.683	0.004141904
YIPF5	2.689	0.006589896
LCK	2.689	0.01438421
AGL	2.698	0.049436277
PVALB	2.699	0.002496967
ATP2A1	2.715	6.78918E-11
RPUSD3	2.721	0.003051553
PALLD	2.776	9.32137E-06
SLC27A3	2.791	0.001418917
IFI30	2.793	0.001939544
TRIM4	2.818	0.006640589
COQ3	2.832	0.001295674
TRIM65	2.873	0.000908939
RGCC	2.901	0.002279068
NSUN4	3.003	6.28014E-05
CASP4	3.012	0.003298997
COMMD6	3.022	0.020669477
AZGP1	3.041	0.000479894
MYH7	3.116	4.75848E-09
FNDC3A	3.225	0.009447126
PPH1A1	3.245	0.00310938
OGN	3.268	0.01701414
HLA-F	3.271	0.008141499
MYH1	3.348	1.096E-16
ABHD16A	3.412	0.048704552
ZNF362	3.42	0.028277775
ADD2	3.426	4.77329E-05
SDHD	3.479	5.23411E-05
MYL12A	3.543	3.00584E-06
PPOX	3.557	0.019588375
TSNS4	3.558	0.00020204
PCBP2	3.595	1.43079E-08
MYH4	3.671	1.096E-16
GSTCD	3.719	0.046868275
ALDH2	3.746	1.096E-16
TMX2	3.902	6.16042E-06
RPL22L1	3.909	3.77003E-06
KIAA1614	4.012	1.096E-16
MAZ	4.079	0.001427363
FOS	4.132	5.48851E-07
SULT1A1	4.18	1.86462E-06
NEDD4	4.217	0.023312744
KRT6B	4.313	1.01647E-10
SLC25A15	4.406	0.005689526
ANXA1	4.416	1.096E-16
IGJ; JCHAIN	4.528	3.02694E-08
ESF1	4.582	1.23807E-06
KRT176	100	1.096E-16
KRT131	100	1.096E-16
COL2A1	100	1.096E-16
CKMT2	100	1.096E-16
HLA-DRB5	100	1.096E-16
SBSN	100	1.096E-16
FGG	100	1.096E-16
KRT134; LOC100653049	100	1.096E-16
FAHD2B	100	1.096E-16
FGB	100	1.096E-16
POLG	100	1.096E-16
COL11A2	100	1.096E-16
MYOM2	100	1.096E-16
HAPLN1	100	1.096E-16
REFAP	100	1.096E-16

ACAN	5.555	1.34116E-09
IKZF2	5.934	2.40614E-15
ENDOG	6.001	2.30739E-11
APOBEC3G	6.101	1.39613E-10
MRPL54	6.2	1.33947E-06
ORC1	6.503	0.000230572
TTI2	6.648	0.000470145
ALDH1A1	6.749	2.97634E-05
GOLGA7	6.995	8.14345E-13
DMTN; EPB49	7.302	3.24509E-13
LMO2	7.551	5.30013E-05
VDR	7.595	4.95049E-08
LMF2	7.845	6.14523E-09
Clorf52	7.867	3.44698E-05
HMG4	8.047	6.65237E-05
FSD1L	8.243	8.722E-07
MYH13	8.299	2.1551E-14
SYVN1	8.613	1.668E-13
TAF9	8.699	7.97311E-08
YEATS2	8.803	7.57555E-06
CRTC3	8.975	9.70089E-06
RAB9A	9.039	2.35059E-09
XIAP	9.166	1.41294E-10
LARP4	9.2	5.36362E-06
UBE2B	9.863	1.04521E-13
FAM165B; SMIM11; SMIM11A	9.883	6.12074E-08
KRT4	10.07	1.1083E-07
RBMX2	10.214	1.49249E-11
BCKDK	10.317	2.85438E-11
COG7	10.521	8.0831E-14
SERPINE2	10.538	4.52423E-14
SATB1	10.664	1.096E-16
FOCAD	10.85	2.40614E-15
METTL2B	10.856	7.52104E-11
NAA16	11.2	8.59754E-07
ND1	11.722	1.096E-16
RAD51D	11.81	4.76975E-07
SPATA5	12.122	3.74793E-12
DPH1	12.343	1.16934E-07
KHNYN	12.756	5.74857E-09
KATNB1	12.924	9.02383E-10
KIF18B	12.951	1.096E-16
MYL1	13.081	1.096E-16
TNNC2	13.358	1.096E-16
AP4B1	13.368	1.62456E-07
COX20	13.39	2.62296E-13
MARK3	13.786	2.90236E-08
ZZEF1	13.828	2.54682E-12
PPP3CC	14.145	4.88218E-09
HLA-B	14.185	1.096E-16
TRMU	14.446	1.23111E-10
TGS1	14.569	1.096E-16
EYA3	14.678	7.70387E-09
RMND5A	14.72	8.61091E-12
MTIF3	14.953	1.096E-16
C22orf32; SMDT1	15.037	1.10501E-09
SRL	15.209	1.096E-16
PYGL	15.358	1.096E-16
CAMK1D	15.61	1.096E-16
FGD2	15.811	1.096E-16
TAF5L	16.247	9.29272E-11
HABP2	16.974	1.096E-16
MPO	16.991	1.096E-16
PMF1; PMF1-BGLAP	17.163	2.40614E-15
OIP5	17.274	1.096E-16
KIF16B	17.4	3.81811E-09
NOL7	17.414	1.096E-16
ACAD10	17.762	6.93522E-10
CKM	17.947	1.096E-16
UBAC2	19.669	1.096E-16
LRSAM1	20.858	1.25402E-13
MYLPF	21.493	1.096E-16
PRELP	21.923	8.18349E-13
CCDC134	22.395	1.096E-16
MYH2	23.532	1.096E-16
COG4	26.557	1.096E-16
TNN3	33.919	1.096E-16
CPA3	38.621	1.096E-16
ACADL	54.69	1.096E-16
SPARC	60.208	1.096E-16
MKI67	100	1.096E-16
MYH3	100	1.096E-16
MYH6	100	1.096E-16
SF1	100	1.096E-16
TPM1	100	1.096E-16
FLNC	100	1.096E-16
KRT17	100	1.096E-16
FBN1	100	1.096E-16
TPM1	100	1.096E-16
RAB11A	100	1.096E-16
CASQ1	100	1.096E-16
GEMIN2	100	1.096E-16
Csorf44; TRAPPC13	100	1.096E-16
ASP	100	1.096E-16
FAM64A; PIMREG	100	1.096E-16
Clorf27; ODR4	100	1.096E-16
BRCA1	100	1.096E-16
YBEY	100	1.096E-16
COL9A2	100	1.096E-16
TMEM201	100	1.096E-16
YIF1B	100	1.096E-16
PLOD2	100	1.096E-16
ELL	100	1.096E-16
LTN1	100	1.096E-16
SIK3	100	1.096E-16
PTRF; CAVIN1	100	1.096E-16

TTC28	100	1.096E-16
MCM3AP	100	1.096E-16
MED12	100	1.096E-16
DGKZ	100	1.096E-16
PAPD5	100	1.096E-16
RANBP6	100	1.096E-16
URB1	100	1.096E-16
PLK1	100	1.096E-16
OXCT2	100	1.096E-16
CDC42SE2	100	1.096E-16
EARS2	100	1.096E-16
MYOZ1	100	1.096E-16
BNIP1	100	1.096E-16
FASTKD2	100	1.096E-16
MGP	100	1.096E-16
WDSUB1	100	1.096E-16
TNNI2	100	1.096E-16
EPX	100	1.096E-16
GMEB2	100	1.096E-16
PRC1	100	1.096E-16
WDR62	100	1.096E-16
DNAJC3	100	1.096E-16
PEX3	100	1.096E-16
MRPL33	100	1.096E-16
EIF4EBP2	100	1.096E-16
GSDMA	100	1.096E-16
LGALS3	100	1.096E-16
GLIPR2	100	1.096E-16
BRAT1	100	1.096E-16
ANKS1A	100	1.096E-16
ALG1	100	1.096E-16
ACP5	100	1.096E-16
TFEB	100	1.096E-16
SMG6	100	1.096E-16
BLOC1S2	100	1.096E-16
TTC5	100	1.096E-16
RARS2	100	1.096E-16
RETSAT	100	1.096E-16
NDUFAF3	100	1.096E-16
ICT1; MRPL58	100	1.096E-16
SNX4	100	1.096E-16
MLST8	100	1.096E-16
MATK	100	1.096E-16
CD180	100	1.096E-16
FARBP2	100	1.096E-16
MATN3	100	1.096E-16
RINT1	100	1.096E-16
MICAL3	100	1.096E-16
ALPL	100	1.096E-16
NUF2	100	1.096E-16
CCNH	100	1.096E-16
LDB3	100	1.096E-16
HLA-DQA2	100	1.096E-16
MADD	100	1.096E-16
UNC13D	100	1.096E-16
COL1A2	100	1.096E-16
MGA	100	1.096E-16
HTT	100	1.096E-16
PLOD3	100	1.096E-16
RPTOR	100	1.096E-16
KCMF1	100	1.096E-16
ALDH3B1	100	1.096E-16
STK19	100	1.096E-16
NTSC3; NTSC3A	100	1.096E-16
GNAI2	100	1.096E-16
PIPRA	100	1.096E-16
COL11A1	100	1.096E-16
DMBT1	100	1.096E-16
ZFAND1	100	1.096E-16
RPAP2	100	1.096E-16
CC2D1B	100	1.096E-16
LECT1; CNMD	100	1.096E-16
CD84	100	1.096E-16
PI4K2A	100	1.096E-16
MRPL52	100	1.096E-16
RFK	100	1.096E-16
GPA1TCH1	100	1.096E-16
HLA-DMB	100	1.096E-16
FIBP	100	1.096E-16
INSR	100	1.096E-16
RIMS3	100	1.096E-16
PPP1R14A	100	1.096E-16
EMILIN1	100	1.096E-16
CAMLG	100	1.096E-16
FARBP1	100	1.096E-16
CPPED1	100	1.096E-16
CAGE1	100	1.096E-16
ARID4A	100	1.096E-16
COL4A2	100	1.096E-16
AGTPBP1	100	1.096E-16
C10orf76	100	1.096E-16
PSD4	100	1.096E-16
ATP5SL; DMAC2	100	1.096E-16
ORC6	100	1.096E-16
RYR1	100	1.096E-16
CCDC127	100	1.096E-16
CYP1A2	100	1.096E-16
MYL10	100	1.096E-16
SLC34A1	100	1.096E-16
HPS1	100	1.096E-16
HIPK2	100	1.096E-16
NLRC4	100	1.096E-16

SESTD1	100	1.096E-16
ZNF593	100	1.096E-16
MVD	100	1.096E-16
ITGB3	100	1.096E-16
BUB1B	100	1.096E-16
OGFOD3	100	1.096E-16
ATR	100	1.096E-16
DCLK3	100	1.096E-16
ARL11	100	1.096E-16
PHF16; JADE3	100	1.096E-16
FAM118A	100	1.096E-16
NSMAF	100	1.096E-16
SLC25A35	100	1.096E-16
ZNF296	100	1.096E-16
C16orf58	100	1.096E-16
TMSB10	100	1.096E-16
COL4A1	100	1.096E-16
PTTG1IP	100	1.096E-16
CDC45	100	1.096E-16
SNAIL	100	1.096E-16
AGMAT	100	1.096E-16
ITGB3BP	100	1.096E-16
TMEM55B; PIP4P1	100	1.096E-16
DNAH11	100	1.096E-16
TFB2M	100	1.096E-16
HDAC4	100	1.096E-16
DPP8	100	1.096E-16
CA3	100	1.096E-16
TBC1D2B	100	1.096E-16
PIIPNC1	100	1.096E-16
TRIM34	100	1.096E-16
COL6A2	100	1.096E-16
HRSP12; RIDA	100	1.096E-16
TM9SF1	100	1.096E-16
PGS1	100	1.096E-16
CASQ2	100	1.096E-16
ZYG11B	100	1.096E-16
MEA1	100	1.096E-16
AMPD1	100	1.096E-16
ALAS1	100	1.096E-16
PARP2	100	1.096E-16
BMP1	100	1.096E-16
LPCAT4	100	1.096E-16
CASC5; KNL1	100	1.096E-16
KANSL2	100	1.096E-16
EFCAB5	100	1.096E-16
VWA5A	100	1.096E-16
HHATL	100	1.096E-16
DDX60	100	1.096E-16
NUBPL	100	1.096E-16
KIF18A	100	1.096E-16
DAD1	100	1.096E-16
APOC1	100	1.096E-16
EDEM3	100	1.096E-16
PIBF1	100	1.096E-16
WDR4	100	1.096E-16
FAM20B	100	1.096E-16
GOLGA5	100	1.096E-16
SNX20	100	1.096E-16
SHKBP1	100	1.096E-16
CTHRC1	100	1.096E-16
SERPIND1	100	1.096E-16
FKBP10	100	1.096E-16
SYNM	100	1.096E-16
C1orf101; CATSPERE	100	1.096E-16
CHM	100	1.096E-16
ASNS	100	1.096E-16
CASP9	100	1.096E-16
HDHD3	100	1.096E-16
NAA20	100	1.096E-16
CBX4	100	1.096E-16
C17orf62	100	1.096E-16
HACL1	100	1.096E-16
URM1	100	1.096E-16
NFATC2	100	1.096E-16
PPAPDC1A; PLPP4	100	1.096E-16
CASC4	100	1.096E-16
PAPD4	100	1.096E-16
SKA2	100	1.096E-16
HECTD1	100	1.096E-16
DISP1	100	1.096E-16
CP	100	1.096E-16
KBTBD10; KLHL41	100	1.096E-16
OMD	100	1.096E-16
ABC9	100	1.096E-16

Table S3. Differentially abundant proteins as quantified by label-free liquid chromatography mass spectrometry in KMT2A-r B-ALL xenografts. Protein Gene Symbol is displayed with BM / CNS quantification provided and p value corrected for multiple hypothesis testing in Proteome Discoverer.