

Supplemental Table S2 Genes upregulated both in GCN5 and N-Myc KO NSC

TargetID	Expression KO/Control GCN5	Expression KO/Control N-Myc			
PRSS12	2809.8	3.3	9630013P03RIK	9.3	2.0
GSDM3	106.9	2.6	AF067061	9.3	2.5
D630014E21RIK	104.4	3.4	NCAML	9.0	2.9
9630017O17	75.0	2.4	4833446E11RIK	9.0	2.7
IL1RL2	68.5	9.6	AFFX-BIOC-5- AT_231	8.9	2.4
5430433G21RIK	42.3	4.1	AW046396	8.8	10.8
PIK3C2G	34.7	9.9	IFITM2	8.6	3.2
MITF	34.5	32.2	MRGPRA6	8.5	17.0
SULT2A1	34.1	2.4	ANK3	8.3	2.5
PYGM	32.7	88.6	CYP11A1	8.0	3.7
AI316828	31.9	7.7	SCL000068.1_96_ REVCOMP	8.0	7.0
LOC386056	31.3	2.6	ART3	7.9	3.5
PTPRD	31.1	11.5	4930553I04RIK	7.9	3.3
DBCCR1	27.8	505.8	ITGBL1	7.8	3.6
NETO1	24.9	3.0	9430064K01RIK	7.7	10.1
TRBV1	24.2	21.8	LOC328082	7.6	2.7
C230084J24RIK	23.8	3.2	ADAMTS13	7.5	2.8
4921504P13RIK	23.7	2.0	SLC6A6	7.5	2.6
LOC329664	23.0	16.2	FGD2	7.4	4.1
SCL0002180.1_25	20.1	7.4	XKH	7.4	3.1
LIN7A	19.7	17.1	MYH14	7.2	4.4
A830016G23RIK	19.5	2.2	C030016D13RIK	7.1	13.7
ROR2	19.4	7.2	IFITM2	7.1	3.5
2600013E07RIK	18.0	2.5	4931431F19RIK	6.9	2.8
A130034M23RIK	16.9	3.5	EPPB9	6.9	44.1
2700089E24RIK	16.3	3.1	SOD3	6.8	2.5
SLC6A4	16.2	48.3	C130036K02	6.8	3.3
VGLL2	16.0	640.3	FIBCD1	6.8	2.9
VIL1	15.7	3.2	LOC385626	6.7	19.9
9630035P19RIK	15.5	2.1	4930415N18RIK	6.7	2.6
SPEER4D	15.5	8.1	OLFR1134	6.7	3.0
4933406L09RIK	14.7	6.3	EDA2R	6.7	2.0
CACNB4	14.6	2.3	4932430A15RIK	6.6	2.3
A730081H18RIK	14.3	3.9	D130011M18RIK	6.5	5.2
LIN7A	14.2	17.0	SLITRK1	6.5	3.9
2300003P22RIK	13.4	3.2	C730031G17	6.4	3.4
C030034P18RIK	13.2	35.8	B3GAT3	6.2	3.1
H2-T3	12.9	2.1	C130057K09	6.2	2.8
ADAM23	12.9	8.2	E130115E03RIK	6.2	3.4
PACE4	12.0	3.4	ASTN2	6.2	2.1
SCL0002779.1_2	11.9	3.4	B3GALT5	6.0	9.5
SLC11A1	11.8	56.6	KCNMA1	5.8	3.2
LOC385139	11.7	3.3	4921528I01RIK	5.8	4.1
ALDH7A1	11.6	6.5	PTPRO	5.8	64.4
OLFR453	11.3	4.7	9530020O07RIK	5.8	3.7
POU2F2	11.3	2.7	C230053B09RIK	5.8	3.9
AI593442	11.2	27.5	1700108N11RIK	5.5	2.5
EFNA5	11.2	104.7	BC034076	5.5	3.1
TNFSF6	10.7	3.3	C130012C08RIK	5.4	4.3
LOC223672	10.6	3.3	LOC383516	5.4	4.3
SORCS3	10.6	139.5	2900076G11RIK	5.4	2.2
COL11A1	10.4	9.4	4921511H13RIK	5.3	37.5
5430431D22RIK	9.4	5.2	1700019E08RIK	5.3	2.2
			1700110N18RIK	5.3	3.9

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NFATC1	5.2	3.2	SORCS1	3.7	3.3
GMPR	5.2	4.8	D630040I23RIK	3.7	2.4
DMN	5.2	2.9	2210012C09RIK	3.6	2.1
LOC381904	5.2	82.4	LOC384345	3.6	3.3
LOC383934	5.1	4.3	2310079P10RIK	3.6	28.1
SYT1	5.1	104.1	6530405K19	3.6	2.6
CAPN5	5.0	11.0	COL28A1	3.6	9.4
RSPO3	5.0	470.8	CDKN1A	3.6	2.1
COX8B	4.9	7.1	PTGES	3.5	2.1
GBX2	4.8	5.2	LOC381185	3.5	2.2
SEMA6D	4.8	8.2	CDH6	3.5	6.0
2900041A09RIK	4.7	2.2	A2BP1	3.5	17.8
LOC384376	4.7	2.9	POU2F1	3.5	2.2
PSPC1	4.6	3.5	PCDHGB2	3.5	10.8
MATP	4.6	12.1	5430439G13RIK	3.5	2.5
C030011O14RIK	4.6	33.1	ADAM23	3.5	7.1
2900076A13RIK	4.5	3.8	1110001P11RIK	3.5	8.8
D130049J17RIK	4.5	2.8	G2-PENDING	3.5	16.7
SCN7A	4.5	12.1	APS-PENDING	3.5	4.1
LOC242088	4.4	2.1	9530029F08RIK	3.5	4.6
C230004H03RIK	4.4	6.2	LGI2	3.5	14.1
C030011O14RIK	4.4	9.4	LOC331028	3.4	4.3
1700112L15RIK	4.4	2.7	LOC385163	3.4	2.4
DNAJC6	4.3	2.2	TNFSF11	3.4	2.7
KLK21	4.3	3.0	PTPRK	3.4	9.4
3200001K10RIK	4.2	2.8	GGN	3.4	4.4
9130213B05RIK	4.2	7.6	APBB1	3.4	24.4
CNTN1	4.2	2.0	GAB2	3.4	7.5
D230040J21RIK	4.2	3.9	A130004G07RIK	3.3	2.8
PDE8A	4.2	6.6	4930403D09RIK	3.3	3.1
CDKN1A	4.2	2.4	SCARB1	3.3	2.8
5730435O14RIK	4.2	39.9	PTPRD	3.3	10.2
SULT1A1	4.2	2.1	ZMYND17	3.2	51.5
D18ERTD232E	4.2	8.1	6430524E21RIK	3.2	2.5
E030040J22RIK	4.2	2.2	CNTN1	3.2	2.2
9030624G23RIK	4.1	3.3	TNC	3.2	4.1
GALNTL4	4.1	2.3	CHRNA2	3.2	2.1
4930544G21RIK	4.1	10.7	LIN7A	3.2	9.0
LOC382229	4.1	181.8	2310061A09RIK	3.2	2.9
RELN	4.0	2.3	DUSP4	3.2	10.0
LALBA	4.0	3.7	9130214F15RIK	3.1	4.9
MFI2	4.0	2.2	NDUFA6	3.1	4.1
ABI3	4.0	5.6	9230116M18RIK	3.1	2.4
C130069I09	3.9	2.6	VAMP1	3.1	2.7
B130050K08	3.9	2.3	9430095B17RIK	3.1	26.7
SORCS2- PENDING	3.9	3.8	SCL000843.1_27	3.1	3.6
DIRAS2	3.9	34.2	POU4F3	3.1	2.9
HELB	3.9	5.6	SLCO3A1	3.1	4.6
GYPA	3.8	10.4	NELL2	3.1	2.8
6720431C02RIK	3.8	11.0	HRC	3.1	7.5
CBFA2T3H	3.8	6.2	BRI3BP	3.1	3.5
LOC382386	3.8	2.8	AW121567	3.1	10.1
RPTN	3.8	2.2	LOC386275	3.1	2.5
A030013D21	3.8	4.6	CNKSR2	3.1	6.0
MTAP4	3.7	6.9	ZFP26	3.0	22.1

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2300002D11RIK	3.0	4.9	SIAT7E	2.6	6.6
A830039N20RIK	3.0	5.2	FREQ	2.6	3.0
CEBPA	3.0	2.5	1700110N18RIK	2.6	3.1
LOC384433	3.0	2.3	HOXB13	2.6	2.4
NELL2	3.0	3.1	LOC381758	2.6	3.1
SH2D2A	3.0	2.1	SV2A	2.6	199.8
5330416C01RIK	3.0	3.6	OLFR1330	2.6	2.5
KCNMA1	3.0	2.1	PTPRK	2.6	3.6
8030462N17RIK	3.0	4.4	NEGR1	2.6	2.3
AK122525	2.9	3.8	GPR49	2.6	3.4
SLC5A9	2.9	2.6	DSC1	2.5	3.4
LOC381736	2.9	2.7	1700023G09RIK	2.5	9.6
NELL2	2.9	2.1	KSR	2.5	150.9
SORCS2	2.9	2.5	1700085N21RIK	2.5	71.9
FLRT3	2.9	3.3	AW125391	2.5	2.6
4930564B12RIK	2.9	2.4	TRIM33	2.5	3.3
AI505012	2.9	4.6	IGF2R	2.5	4.5
LMCD1	2.9	14.4	SORCS1	2.5	4.6
SLC24A3	2.9	6.4	ABCA9	2.5	2.8
NGFR	2.9	2.2	HSD11B1	2.5	10.8
A330058M13RIK	2.9	9.1	COMTD1	2.5	3.3
IGF2BP1	2.9	2.4	FZD4	2.5	3.1
A230063O03RIK	2.9	2.4	SLCO3A1	2.5	6.9
CEBPA	2.9	7.1	DUSP4	2.5	5.3
BVES	2.9	9.5	NETO1	2.5	3.1
B130017P16RIK	2.8	5.8	TNC	2.5	2.9
FGF1	2.8	5.1	MARK1	2.5	2.6
D430039N05RIK	2.8	2.3	2900072G11RIK	2.5	3.3
5930405F01RIK	2.8	2.2	4833424O15RIK	2.5	2.6
6430594K11RIK	2.8	2.1	SCRN1	2.5	3.4
E130310K16RIK	2.8	2.4	D330050I23RIK	2.5	2.4
CACNA2D3	2.8	3.0	ADAM12	2.5	5.9
LMO2	2.8	14.2	MKIAA1457	2.5	2.3
TNC	2.8	3.9	PTPNS1	2.4	2.7
6330540D07RIK	2.8	4.8	ENO2	2.4	3.1
4930577M16RIK	2.7	7.4	PLXNA4	2.4	2.2
4933412E14RIK	2.7	3.3	ZFP532	2.4	2.4
B230308G19RIK	2.7	6.3	DSCAM	2.4	2.1
JUB	2.7	7.1	FGF1	2.4	10.6
CDKN2B	2.7	14.0	LOC381650	2.4	3.0
EHD4	2.7	2.8	LOC381142	2.4	4.3
5730507A09RIK	2.7	7.9	GPC6	2.4	2.8
A430102L10	2.7	8.7	NANOS1	2.4	3.3
AI429613	2.7	3.5	PTPNS1	2.4	12.2
ELMO1	2.7	3.5	VEGFC	2.4	2.3
B130021B11RIK	2.7	6.6	2810022L02RIK	2.4	2.5
A230092L08RIK	2.7	13.4	HIP1	2.4	2.6
NSD1	2.7	3.4	A130082F03RIK	2.4	6.0
4930488B01RIK	2.7	2.6	ATP8A1	2.4	2.4
PSCDBP	2.6	4.5	OLFR262	2.4	26.1
1700128F08RIK	2.6	2.8	PEM	2.4	2.2
CACNA1G	2.6	4.6	SRMS	2.4	2.2
OLFR1402	2.6	2.2	PDGFC	2.3	2.8
ABCA5	2.6	9.6	PAQR6	2.3	2.1
4930473H19RIK	2.6	2.8	PIRA5	2.3	3.0

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4930458B22RIK	2.3	25.4	SERPINE2	2.2	3.6
IGHV1S122_AF02	2.3	2.0	B230362M20RIK	2.2	7.4
LOC193403	2.3	4.6	C130007D14	2.2	2.9
BC037006	2.3	2.4	4933417N07RIK	2.2	2.5
COL5A1	2.3	7.6	ADAMTS5	2.2	4.9
GPC6	2.3	5.5	2700004G04RIK	2.1	2.1
LOC240023	2.3	26.8	KCTD12	2.1	2.2
GM644	2.3	1742.5	LOC279056	2.1	12.9
4833446K15RIK	2.3	2.8	EIF5A2	2.1	4.2
KCTD12	2.3	3.0	STK3	2.1	2.1
ASS1	2.3	6.4	4833424O15RIK	2.1	2.3
AI504432	2.3	6.6	D630002J18RIK	2.1	3.2
LOC381749	2.3	17.0	RIMS4	2.1	2.8
THEG	2.3	2.9	SEMA6D	2.1	2.1
ADAMTS1	2.3	5.5	TXK	2.1	2.4
SLCO3A1	2.3	4.9	SAMD11	2.1	11.1
ZFP612	2.3	10.3	OMP	2.1	10.6
SYT9	2.3	5.5	AI854635	2.1	11.0
D030011O10RIK	2.3	2.1	C030034I22RIK	2.1	5.0
LOC242004	2.3	3.4	TGFBR3	2.1	4.4
LOC381351	2.3	2.5	RAPGEF5	2.1	2.4
DUSP15	2.3	5.6	9230106D23RIK	2.1	2.1
TMC5	2.3	3.4	NINJ1	2.1	2.7
NFAT5	2.3	10.6	KLRI1	2.1	6.3
RYR2	2.3	40.8	EIF2S1	2.1	6.7
IGFBP7	2.3	7.0	BMPER	2.1	2.3
BC003277	2.3	3.8	RNPC1	2.1	2.5
SIAT7D	2.3	13.1	COL11A1	2.1	6.5
CHRM3	2.3	13.8	EGFL7	2.1	3.3
LOC268958	2.2	2.2	4930520C08RIK	2.1	9.7
LOC382017	2.2	19.7	4930565A21RIK	2.1	2.1
KNSL1	2.2	5.7	SPRY4	2.1	7.1
LOC226990	2.2	7.6	5730409G07RIK	2.1	2.5
4933404M02RIK	2.2	2.9	SERPINF1	2.1	7.5
SULT1A1	2.2	4.0	D630011N09RIK	2.1	8.4
FLRT3	2.2	9.3	LOC381683	2.1	2.1
CYP2B19	2.2	2.2	SCL0001284.1_18	2.1	228.5
C130010K08RIK	2.2	2.4	5033415L01RIK	2.1	5.5
SV2A	2.2	4.7	C330023J09RIK	2.1	2.6
SDPR	2.2	2.7	RLN1	2.1	2.7
SCL0002785.1_49	2.2	2.4	PECAM1	2.0	5.6
LOC245510	2.2	2.2	2900046G09RIK	2.0	6.5
9430046I01RIK	2.2	3.3	GABRA2	2.0	4.2
MISC12	2.2	3.7	4933400F03RIK	2.0	4.0
ESAM1	2.2	5.3	SCL0002855.1_10		
B3GALT4	2.2	7.3	56	2.0	2.8
D030072B18RIK	2.2	4.0	4930506K12RIK	2.0	7.8
1700008A07RIK	2.2	3.2	6430530L21RIK	2.0	2.9
SCL00104366.1_6	2.2	2.2	1700109G14RIK	2.0	5.8
HOXA2	2.2	4.6	A030007L22	2.0	2.6
BC022224	2.2	6.3	HIST1H2AC	2.0	3.5
D630004K10RIK	2.2	5.6	1110033L15RIK	2.0	2.7
EFNB2	2.2	102.9	CSMD1	2.0	3.5
REPRIMO	2.2	5.9	PDGFC	2.0	3.0
CACNA2D2	2.2	2.1	1700010K23RIK	2.0	2.4
			C630017J20RIK	2.0	2.5

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B830020B14RIK	2.0	2.3
BC060737	2.0	3.2
DPP6	2.0	17.9
AK4	2.0	2.6
MSI1H	2.0	3.1