

Supplemental Table 4

HALLMARK_MYC_v1		ChIP-Seq BPTF KD		RNA-Seq		FC		Mean Peak		Peak Score	
Gene	Peak Score	p-value	PROBE	RANK	FC					+Rank	-Rank
CCNA2	53.6	4.13E-08	CCNA2	1.13594913	2.19763095						
			CDC45	1.04989457		+Rank	21/61	0.3442623	67.9761905		
			MCM4	0.84706175		-Rank	39/135	0.28888889	50.0417949	53.6	88.7
			MCM7	0.8026979		Pvalue		0.435	0.04640718	46.8	27.9
			CDC20	0.70235926						186.5	96.2
			MAD2L1	0.6939823						60.9	38.7
			PABPC1	0.61202651						59.8	89.7
DUT	46.8	0.0000025	DUT	0.56986207						135.8	68.6
			RRM1	0.55425137						91.2	84.5
			MCM6	0.4444851						90.9	24.3
			CDK2	0.4363606						39	43.9
MYC	186.5	1.05E-12	MYC	0.4275324						62.4	95.5
			MCM2	0.41710082						76.2	46.8
			VDAC3	0.37145448						40	48.2
			MCM5	0.34109658						71.9	48.5
LDHA	60.9	4.22E-09	LDHA	0.32457352						117.2	93.8
			TYMS	0.30816263						17.9	31.5
RFC4	59.8	1.15E-09	RFC4	0.28386292						27.7	60.1
HNRNPA1	135.8	7.48E-12	HNRNPA1	0.27956542						64.1	37.9
PABPC4	91.2	1.43E-08	PABPC4	0.27510047						12.8	29.1
SNRPA1	90.9	1.17E-16	SNRPA	0.22105275						35	8.23
			RPL34	0.18047656						81.8	53.6
			AP3S1	0.17563787						56	122.1
			SRPK1	0.17147334							44.4
			SNRPD2	0.1631663							61.6
			PRDX4	0.15688805							44.9
			DEK	0.15274364							60.2
			RANBP1	0.14393207							32
			YWHAQ	0.14253302							25.1
			RPL18	0.12721799							48.7
HNRNPD	39	3.86E-07	HNRNPD	0.12613891							44.9
			POLD2	0.12338629							33.7
HDGF	62.4	1.26E-07	HDGF	0.12162779							36.7
NAP1L1	76.2	2.42E-08	NAP1L1	0.12045762							20.6
			SRSF2	0.11958491							17
H2AFZ	40	6.95E-08	H2AFZ	0.11903436							10.4
			ORC2	0.11763565							35.4
RPL14	71.9	9.88E-19	RPL14	0.10884498							18.1
			PGK1	0.10661292							90.7
USP1	117.2	0.00000568	USP1	0.1039498							44.9
TFDP1	17.9	2.17E-11	TFDP1	0.0976626							44.5
KPNA2	27.7	2.07E-07	KPNA2	0.09330864							
			RPS3	0.08022591							
			COX5A	0.05995645							
			PRPS2	0.05895418							
COPS5	64.1	4.87E-17	COPS5	0.05301309							
			HPRT1	0.05241556							
			PPIA	0.04764105							
			SNRPD3	0.04690128							
ACP1	12.8	6.85E-08	ACP1	0.04552533							
			RPS5	0.04197728							
			UBA2	0.0370063							
			SRSF1	0.02396326							
			PA2G4	0.02268608							
RPS6	35	8.17E-11	RPS6	0.01781209							
			PCNA	0.01597349							
RPLP0	81.8	1.39E-10	RPLP0	0.01298245							
			DHX15	0.01241727							
			CDK4	0.00915277							
			RUVBL2	0.00913041							
GOT2	56	2.11E-08	GOT2	0.00673149							
FBL	80.6	0.00000203	FBL	0							
			LSM2	0							
			PRPF31	0							
SMARCC1	88.7	0.0000105	SMARCC1	-0.0017212							
			RPL6	-0.0056502							
SRSF7	27.9	1.49E-10	SRSF7	-0.0156544							
			STARD7	-0.0194748							
			CLNS1A	-0.021473							
CNBP	96.2	0.00000578	CNBP	-0.0264744							
PSMD8	38.7	0.00000215	PSMD8	-0.0311771							
			BUB3	-0.0329336							
			EIF4H	-0.0351109							
			CAD	-0.0359716							
			LSM7	-0.0414354							
			EXOSC7	-0.0415205							
RPS2	89.7	0.00000107	RPS2	-0.0441118							
TRIM28	68.6	1.48E-16	TRIM28	-0.0460146							

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			XPO1	-0.0537283
			HNRNPC	-0.057037
			RPL22	-0.0606161
			ILF2	-0.0623962
CYC1	84.5	1.96E-09	CYC1	-0.0651279
			POLE3	-0.0668032
			EPRS	-0.0794249
			SNRPA1	-0.0805762
			PHB2	-0.0814029
			HNRNPR	-0.083235
			SNRPG	-0.0857138
			SERBP1	-0.0942583
			EEF1B2	-0.094447
			NCBP1	-0.1076343
			HDAC2	-0.109014
EIF3D	24.3	7.31E-07	EIF3B	-0.1172389
			GLO1	-0.1218975
			ERH	-0.1238461
			PSMA2	-0.124302
			UBE2E1	-0.125047
			TRA2B	-0.130971
PPM1G	43.9	1.52E-13	PPM1G	-0.1317578
SLC25A3	95.5	1.56E-17	SLC25A3	-0.1399482
GNL3	46.8	6.94E-10	GNL3	-0.141168
TXNL4A	48.2	0.0000024	TXNL4A	-0.1424245
			CBX3	-0.1452409
			SRSF3	-0.1593473
			FAM120A	-0.1598155
			KPNB1	-0.1616983
			TOMM70A	-0.1655997
PSMB2	48.5	5.75E-15	PSMB2	-0.1681342
			PWP1	-0.1708198
			HNRNPU	-0.171547
			RNPS1	-0.1721623
			GNB2L1	-0.1750601
PCBP1	93.8	1.93E-10	PCBP1	-0.182584
RPS10	31.5	1.45E-13	RPS10	-0.1833825
			RAN	-0.1885345
EIF4E	60.1	0.0000119	EIF4E	-0.1902455
			G3BP1	-0.1951841
			GSPT1	-0.1988791
			VDAC1	-0.1993036
			YWHAE	-0.1994358
CCT2	37.9	0.00000381	CCT2	-0.1999037
PSMA6	29.1	2.34E-07	PSMA6	-0.2002418
			SSBP1	-0.2003084
			HNRNPA3	-0.2010404
			CUL1	-0.2041366
			SNRPD1	-0.2045245
			SF3B3	-0.211418
			SF3A1	-0.2129027
			TARDBP	-0.2132328
			PSMD14	-0.2325552
			RAD23B	-0.2335004
			HNRNPA2B1	-0.2360176
			SET	-0.2410317
			VBP1	-0.2484407
NHP2	8.23	1.88E-07	NHP2	-0.2533319
			PSMA4	-0.2543971
PSMD1	53.6	0.00000133	PSMD1	-0.2588566
			PTGES3	-0.2600884
			XRCC6	-0.2618956
NCBP2	122.1	3.23E-10	NCBP2	-0.2711303
			PSMC6	-0.2740873
			EIF3D	-0.2753575
			PSMC4	-0.2824223
			ABCE1	-0.2838093
			SYNCRIP	-0.2855321
NDUFAB1	44.4	0.00000107	NDUFAB1	-0.2895584
RSL1D1	61.6	3.45E-08	RSL1D1	-0.2902323
			PSMB3	-0.2904546
			UBE2L3	-0.2907846
			TUFM	-0.2942884
EIF2S2	44.9	3.22E-07	EIF2S2	-0.298433
			EIF1AX	-0.2987397
			NPM1	-0.3119431
SSB	60.2	1.12E-10	SSB	-0.3131584
			XPOT	-0.3214027
			EIF4A1	-0.3226993
			NOP56	-0.3378809
			IFRD1	-0.3382326

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NME1	32	4.32E-07	NME1	-0.3416119	
			EIF2S1	-0.3444484	
PRDX3	25.1	0.00000239	PRDX3	-0.3471419	
DDX18	48.7	7.96E-12	DDX18	-0.3482528	
			C1QBP	-0.3581174	
			MRPL23	-0.3645431	
EIF4G2	44.9	1.73E-12	EIF4G2	-0.3699948	
			NOLC1	-0.3739274	
			NOP16	-0.3746264	
CCT4	33.7	2.94E-11	CCT4	-0.3846242	
			PHB	-0.3943042	
			CCT5	-0.3977252	
TCP1	36.7	0.00000104	TCP1	-0.3992713	
			CCT7	-0.4001908	
EIF3J	20.6	8.06E-12	EIF3J	-0.4116817	
			IARS	-0.4173661	
			APEX1	-0.4211169	
			AIMP2	-0.4237867	
IMPDH2	17	0.00000077	IMPDH2	-0.4248542	
			MRPL9	-0.4268897	
			PSMD7	-0.430424	
			PSMD3	-0.4323525	
U2AF1	10.4	3.05E-07	U2AF1	-0.4386081	
			SNRPB2	-0.4486603	
ETF1	35.4	9.88E-10	ETF1	-0.4490557	
			CCT3	-0.4518921	
			DDX21	-0.4714932	
			SRM	-0.4790887	
			CSTF2	-0.4801816	
			HDHC2	-0.4873484	
ODC1	18.1	0.00000107	ODC1	-0.4931192	0.7104873
			KARS	-0.49468	
			MRPS18B	-0.498426	
HSPD1	90.7	1.15E-09	HSPD1	-0.5235918	
			RRP9	-0.551995	
			HSPE1	-0.5586786	
CANX	44.9	0.00000107	CANX	-0.5811315	
HSP90AB1	44.5	6.67E-07	HSP90AB1	-0.6161804	
			PSMA7	-0.6167394	
			PSMA1	-1.1812806	

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BILD_ONCOGENIC			RNA-Seq		Mean peak		Peak Score	
GENE	ChIP-Seq Peak score	p-value	GENE	RANK	+Rank	-Rank	+Rank	-Rank
			SLC6A15	16.6388397	18/80	0.225	58.56111111	
			SLITRK6	5.06337881	33/111	0.2972973	40.1969697	23.6 74.7
			LINC00173	4.86524773		0.267	0.04184993	66 34.6
			TGM2	3.3055625				20.3 24.2
			SLC29A2	2.86925888				38.9 68.6
			COL8A2	2.7106967				113.8 14.1
			DAB2	2.58675242				66.8 19.2
			ALS2CL	2.05520964				53.3 31.4
			ATP2B4	1.30084837				34.3 10.1
			WSB1	1.24864662				186.5 46.8
			TNFAIP2	1.13008118				26.6 79.4
			SLC12A8	1.11404872				85.1 16.3
			PLAU	1.1053251				25.5 26.8
SORL1	23.6	1.56E-07	SORL1	1.09966004				83.8 19.9
			CDCA8	1.06797743				64.7 18.4
AHNAK	66	2.64E-11	AHNAK	1.05674517				53.7 37.9
			FGD6	1.05008268				47.1 64.5
			FGF11	1.03772342				39.9 67.4
			FCHSD1	1.01878095				24.2 11.7
			NRP1	0.95035273				73.3
			VAMP1	0.93542165				39.6
SSH3	20.3	1.33E-08	SSH3	0.86606306				53.4
			HK2	0.78860056				34.6
			COL5A1	0.77164447				48.7
			MTMR11	0.73122084				41.2
			MAP3K6	0.69213009				22.9
			NTF4	0.6744684				47.4
MICAL1	38.9	3.33E-11	MICAL1	0.65618068				90.7
			NLRP1	0.65596134				38.5
KCNQ5	113.8	8.54E-08	KCNQ5	0.61472321				56.6
			FAM193B	0.58859223				14.4
			ARNTL	0.57470107				30
			EPS8L1	0.53167611				18.4
			MEG3	0.52434456				50.8
ARNTL2	66.8	2.68E-07	ARNTL2	0.52311599				
ANGEL1	53.3	0.0000117	ANGEL1	0.49725965				
PLEC	34.3	2.78E-11	PLEC	0.47608498				
			CCNG2	0.466353				
			C19orf48	0.45999396				
			ZNF667	0.43643987				
			CDK2	0.4363606				
MYC	186.5	1.05E-12	MYC	0.42753241				
RHBDF1	26.6	0.0000907	RHBDF1	0.41274482				
			CGN	0.36951694				
			PDLIM7	0.3472614				
			EMP1	0.32912597				
			AGPAT5	0.31076297				
			DHRS1	0.30217695				
ABL2	85.1	2.4E-10	ABCC3	0.27919				
DUSP22	25.5	7.2E-09	DUSP22	0.27645189				
			MCOLN2	0.27096403				
			CCDC78	0.26079226				
			YPEL3	0.24371126				
			EXOSC5	0.24304299				
STMN3	83.8	9.63E-07	STMN3	0.21824126				
			ADAMTS15	0.21403849				
PLEKHG2	64.7	8.15E-11	PLEKHG2	0.19187275				
			TAF4B	0.18160665				
FAM168A	53.7	1.61E-10	FAM168A	0.15043417				
			ERCC1	0.12769637				
CFLAR	47.1	0.0000343	CFLAR	0.1218105				
			TINF2	0.11947263				
			GPD1L	0.10917911				
			TUBA1A	0.10295656				
			BCS1L	0.10074128				
			SESTD1	0.0921944				
PFKM	39.9	0.00000058	PFKM	0.07991305				
SMTN	24.2	1.84E-11	SMTN	0.07810169				
			SORD	0.07479279				
			DDX26B	0.07002355				
			SPTAN1	0.05750421				
			TGM1	0.04150365				
			KHNYN	0.04003356				
			PA2G4	0.02268608				
			DKC1	0.02049661				
			CDK4	0.00915277				
			PDP1	0.00793061				
			COL1A1	0.00572022				

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			UBE2D4	0.00446694
			DDAH2	0
			FGFBP1	0
			HS6ST2	0
MIR21	17.3	0.0000119	MIR21	0
			NDE1	0
			OR2A4	0
			PAICS	0
			FAM195A	-0.0029513
FARSB	74.7	2.03E-07	FARSB	-0.0112849
			FARSA	-0.0150817
			BOP1	-0.0332269
			IMP4	-0.050554
			ECE2	-0.0517363
DCAF4	34.6	2.22E-10	DCAF4	-0.0522741
			NIT1	-0.0606968
ERBB3	24.2	0.00000107	ERBB3	-0.0606983
			WDR12	-0.0682338
			PHF1	-0.0800396
PCOLCE2	68.6	2.42E-07	PCOLCE2	-0.0915511
			TRIOBP	-0.1041091
NFKB2	14.1	0.0000307	NFKB2	-0.106006
DHODH	19.2	0.00000215	DHODH	-0.1135122
			SMURF1	-0.1173384
C20orf27	31.4	0.0000105	C20orf27	-0.1258522
			UBIAD1	-0.1263049
HIST1H2AC	10.1	0.0000471	HIST1H2AC	-0.1292683
			NOP2	-0.1371924
GNL3	46.8	6.94E-10	GNL3	-0.141168
ANAPC1	79.4	0.00000013	ANAPC1	-0.1458803
			DGKA	-0.1467746
MKNK1	16.3	8.12E-08	MKNK1	-0.1482671
			FLAD1	-0.1488159
			NCL	-0.1499703
			CYTH2	-0.1560945
IPO4	26.8	0.00000122	IPO4	-0.1600126
			DTX2P1-UPK	-0.1665641
			FAM86B1	-0.1679319
			IRF9	-0.1729224
BEND3	19.9	0.0000169	BEND3	-0.1746758
			LAMC2	-0.1766592
DDX10	18.4	0.00000177	DDX10	-0.1821618
			RABEPK	-0.2034943
			LTBP2	-0.2045854
			ALDH1B1	-0.2157447
			PCYOX1L	-0.2239512
GEMIN5	37.9	3.23E-07	GEMIN5	-0.2240536
			GOLGA2	-0.2249011
			MYBBP1A	-0.2293209
			ABL2	-0.2350513
			AKAP12	-0.2439398
			SNHG1	-0.244615
			C10orf2	-0.2457802
			NOL6	-0.2483121
			PC	-0.2497506
			XPO5	-0.2590166
			SLC6A8	-0.2638752
PMM2	64.5	8.45E-08	PMM2	-0.2703994
			PRR5	-0.278676
			TMEM97	-0.2841201
			TCOF1	-0.2847079
TRMT1	67.4	4.33E-09	TRMT1	-0.2962588
NGFR	11.7	2.86E-07	NGFR	-0.298941
SLC19A1	73.3	8.34E-18	SLC19A1	-0.3010219
			DIEXF	-0.301911
MRTO4	39.6	0.0000344	MRTO4	-0.3073185
			RCL1	-0.3079154
			NPM1	-0.3119431
			NLE1	-0.3150459
			VMP1	-0.3219638
RNF213	53.4	4.49E-07	RNF213	-0.3275501
SFXN4	34.6	5.84E-07	SFXN4	-0.334503
			NOP56	-0.3378809
			ALG3	-0.3451605
DDX18	48.7	7.96E-12	DDX18	-0.3482528
			CIRH1A	-0.3586847
WDR74	41.2	6.95E-08	WDR74	-0.3678916
			MON1A	-0.3701441
			NOLC1	-0.3739274
			NOP16	-0.3746264
			MST1R	-0.3750348

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			PNPT1	-0.3765575
			ATIC	-0.3781503
TLL12	22.9	8.45E-08	TLL12	-0.3861055
			RPP40	-0.3871235
			C12orf66	-0.3925404
			PHB	-0.3943042
			DUOX1	-0.3959701
			TFB2M	-0.4043133
			NUFIP1	-0.4068848
			GPATCH4	-0.4125611
			UTP20	-0.4138331
			PTRH2	-0.4160032
			AIMP2	-0.4237867
SUPV3L1	47.4	2.85E-11	SUPV3L1	-0.4377927
			DDX28	-0.454518
			SRM	-0.4790887
			METTL1	-0.4848551
HSPD1	90.7	1.15E-09	HSPD1	-0.5235918
			PES1	-0.5275139
			CCDC137	-0.5416324
LSG1	38.5	0.0000121	LSG1	-0.5447041
			RRP9	-0.551995
			FAM86C1	-0.5544374
			UTP14A	-0.5776743
			ACSS2	-0.5812648
SCFD2	56.6	3.43E-16	SCFD2	-0.5833923
			GPRCSA	-0.6296328
OSBP2	14.4	5.68E-07	OSBP2	-0.6362156
PLD6	30	2.15E-08	PLD6	-0.6870087
DUSP2	18.4	8.9E-14	DUSP2	-0.7141919
CCDC86	50.8	0.00000649	CCDC86	-0.7306606
			RUNX1	-0.7387441
			ZBED2	-0.7448414
			BID	-0.7757013
			ADAM8	-0.9890124
			SERPINB1	-1.5839201
			ERVMER34-1	-1.8412986
			HSPA6	-2.3025572