

Signature set	MSigDB signature	MSigDB signature size	# overlap	% overlap	Genes (HGNC)	Enrichment
CML	DIAZ_CHRONIC_MEYLOGENOUS_LEUKEMIA_UP	1374	8	27.59	ARL1,CPD,INPP4B,PPM1A,SRPK1,TARDBP,TSNAX,UROD	0.00
MYC	DANG_BOUND_BY_MYC	1053	7	24.14	AKR1A1,ARL1,GSTP1,LTA4H,SCAMP3,UCHL1,UROD	0.00
MYC	FERNANDEZ_BOUND_BY_MYC	176	3	10.34	AKR1A1,GSTP1,UROD	0.00
MYC	BENPORATH_MYC_TARGETS_WITH_EBOX	229	3	10.34	AKR1A1,GSTP1,UROD	0.01
MYC	DANG_REGULATED_BY_MYC_UP	68	2	6.90	SRPK1,UCHL1	0.01
MYC	DANG_MYC_TARGETS_UP	130	2	6.90	LTA4H,UCHL1	0.02
MYC	BENPORATH_MYC_MAX_TARGETS	775	4	13.79	ARL1,LTA4H,SCAMP3,UCHL1	0.03
MYC	DANG_REGULATED_BY_MYC_DN	243	2	6.90	CPD,GBP2	0.06
p53	AMUNDSON_DNA_DAMAGE_RESPONSE_TP53	16	1	3.45	CTSD	0.06
p53	KANNAN_TP53_TARGETS_DN	16	1	3.45	PURA	0.06
MYC	SCHLOSSER_MYC_AND_SERUM_RESPONSE_SYNERGY	31	1	3.45	SCAMP3	0.08
CML	GRAHAM_CML QUIESCENT_VS_NORMAL QUIESCENT_DN	45	1	3.45	GBP2	0.10
MYC	SCHLOSSER_MYC_TARGETS_AND_SERUM_RESPONSE_DN	47	1	3.45	SRPK1	0.10
p53	KANNAN_TP53_TARGETS_UP	48	1	3.45	BAK1	0.11
MYC	LEE_LIVER_CANCER_MYC_UP	51	1	3.45	GLUL	0.11
MYC	LEE_LIVER_CANCER_MYC_TGFA_UP	59	1	3.45	AKR1B1	0.12
CML	GRAHAM_CML_DIVIDING_VS_NORMAL QUIESCENT_DN	95	1	3.45	GBP2	0.16
MYC	SCHLOSSER_SERUM_RESPONSE_AUGMENTED_BY_MYC	106	1	3.45	PURA	0.17
CML	DIAZ_CHRONIC_MEYLOGENOUS_LEUKEMIA_DN	114	1	3.45	MVP	0.18
MYC	KIM_MYC_AMPLIFICATION_TARGETS_UP	157	1	3.45	AKR1B1	0.22
MYC	BILD_MYC_ONCOGENIC_SIGNATURE	201	1	3.45	DDAH2	0.25