

Core Fitness Genes				
gene	neg.rank	neg.p.value	neg.fdr	BF_hct116
POLR2I	1	9.34E-06	0.002475	193.842
ANAPC5	3	8.41E-05	0.012871	220.05
RRM2	4	0.00010275	0.012871	52.962
SMC1A	5	0.00012143	0.012871	210.595
RAD9A	6	0.00028956	0.025578	32.268
PSMB5	8	0.00075659	0.050124	131.102
HAUS1	9	0.0015412	0.090759	55.665
TOP2A	10	0.0019895	0.105446	232.74
PSMD12	11	0.0027368	0.131863	-0.486
PSMB3	12	0.0043994	0.182815	114.009
DNA2	13	0.0045302	0.182815	241.739
PCNA	14	0.0048291	0.182815	377.499
H2AFX	15	0.0055016	0.194389	10.253
ANAPC4	18	0.0083038	0.23173	174.037
RBBP4	19	0.0088455	0.23173	43.178
POLR2D	20	0.0088642	0.23173	89.3
PSMB7	21	0.0091818	0.23173	251.667
PPP4C	22	0.010004	0.240999	-19.059
PSMD4	24	0.012787	0.273861	100.462
PNKP	25	0.012918	0.273861	101.705
RAD21	28	0.016337	0.309229	25.641
BARD1	29	0.017588	0.321441	128.903
CDC20	30	0.02082	0.356915	276.737
CDC23	31	0.020876	0.356915	79.064
PSMC4	32	0.023137	0.383199	48.627
PSMD7	33	0.025939	0.409351	58.496
PLK1	34	0.026985	0.409351	327.51
GINS3	36	0.028087	0.409351	209.274
CDC45	37	0.028647	0.409351	133.704
PSMB1	38	0.029563	0.409351	249.359
CDC16	39	0.032178	0.409351	332.911
POLE2	40	0.032888	0.409351	325.426
PKMYT1	41	0.032907	0.409351	99.95
VCP	42	0.03315	0.409351	338.776
WEE1	44	0.034532	0.409351	148.976
PSMA7	45	0.034756	0.409351	187.614
RUVBL1	47	0.042247	0.462821	261.575
POLR2E	48	0.042509	0.462821	340.633
HCT116-dependent Fitness Genes				
GAPDH	2	9.34E-06	0.002475	11.088
MAD2L1	23	0.0109	0.251184	31.295
RBX1	26	0.013889	0.28313	8.352
XRCC6	35	0.027956	0.409351	13.343
PSMC1	43	0.033224	0.409351	68.852
CDC7	46	0.039613	0.456414	147.986