

Table S4.13 proteins in CAPTURE approach

Gene Name	Accession	Description	Mean_MI #1_con	Mean_MI #1_SQOR gRNA	P-value_MI#1	Log_FC-MI#1	Mean_MI #2_con	Mean_MI #2_SQOR gRNA	P-value_MI #2	Log_Fc_MI#2
HMGA2	P52926	>sp P52926 HMGA2_HUMAN High mobility group protein HMGL-C OS=Homo sapiens OX=9606 GN=HMGA2 PE=1 SV=1	4.787011544	1010.352559	0.006532869	7.721517804	112.1739909	328.1276855	0.003133558	1.54851912
FOSL1	P15407	>sp P15407 FOSL1_HUMAN Fos-related antigen 1 OS=Homo sapiens OX=9606 GN=FOSL1 PE=1 SV=1	83.38694255	730.9656372	0.002337953	3.13191019	145.0361735	539.0157369	0.000143352	1.893914626
JUN	P05412	>sp P05412 JUN_HUMAN Transcription factor Jun OS=Homo sapiens OX=9606 GN=JUN PE=1 SV=2	76.860466	315.8108826	0.000538068	2.038747258	103.7790705	332.6761983	0.008206296	1.680603131
CARM1	Q86X55	>sp Q86X55 CARM1_HUMAN Histone-arginine methyltransferase CARM1 OS=Homo sapiens OX=9606 GN=CARM1 PE=1 SV=3	9262.518066	34891.21745	2.11467E-06	1.913387581	9235.175456	24267.70768	3.17773E-05	1.393826563
ETV4	P43268	>sp P43268 ETV4_HUMAN ETS translocation variant 4 OS=Homo sapiens OX=9606 GN=ETV4 PE=1 SV=3	6569.731771	22366.76107	0.000255363	1.76744998	6536.894043	17331.0319	0.001523768	1.406680338
NFIC	P08651	>sp P08651 NFIC_HUMAN Nuclear factor 1 C-type OS=Homo sapiens OX=9606 GN=NFIC PE=1 SV=2	132.2768071	382.6214193	9.7407E-05	1.532357511	112.2562154	582.1593018	0.000603894	2.374618659
SMAD2	Q15796	>sp Q15796 SMAD2_HUMAN Mothers against decapentaplegic homolog 2 OS=Homo sapiens OX=9606 GN=SMAD2 PE=1 SV=1	2402.851725	5659.767741	0.000855948	1.235995225	2454.002116	4212.668945	0.008104849	0.779598053
SP100	P23497	>sp P23497 SP100_HUMAN Nuclear autoantigen Sp-100 OS=Homo sapiens OX=9606 GN=SP100 PE=1 SV=3	728.1196899	1588.932454	2.4053E-05	1.125810269	636.517395	1193.487183	7.46784E-05	0.906911226
NFIB	O00712	>sp O00712 NFIB_HUMAN Nuclear factor 1 B-type OS=Homo sapiens OX=9606 GN=NFIB PE=1 SV=2	185.7723287	394.0698039	0.000878195	1.084915581	150.6498718	864.0049032	1.45835E-05	2.519840054
NR3C1	P04150	>sp P04150 GCR_HUMAN Glucocorticoid receptor OS=Homo sapiens OX=9606 GN=NR3C1 PE=1 SV=1	148.0285034	304.0833435	0.007140628	1.038591795	158.3431193	549.5283712	0.000706723	1.79513979
CBL	P22681	>sp P22681 CBL_HUMAN E3 ubiquitin-protein ligase CBL OS=Homo sapiens OX=9606 GN=CBL PE=1 SV=2	455.2172852	900.6244914	0.000705758	0.984370371	524.0561117	1033.180949	0.028389631	0.979299749
SIRT1	Q96EB6	>sp Q96EB6 SIRT1_HUMAN NAD-dependent protein deacetylase sirtuin-1 OS=Homo sapiens OX=9606 GN=SIRT1 PE=1 SV=2	66.02598063	117.1407903	8.25864E-07	0.827137804	69.76555125	135.6959178	0.002385945	0.959790575
ATF7	P17544	>sp P17544 ATF7_HUMAN Cyclic AMP-dependent transcription factor ATF-7 OS=Homo sapiens OX=9606 GN=ATF7 PE=1 SV=3	153.0686442	265.0883636	0.000542783	0.792294563	172.2906036	311.3404338	2.67232E-05	0.853648929