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Upstream Regulator	Log Ratio	Molecule Type	Predicted Activation State	Activation z-score	p-value of overlap
lipopolysaccharide		chemical drug	Inhibited	-7.648	9.80E-07
TNF	-0.107	cytokine	Inhibited	-6.677	3.69E-15
HGF	0.260	growth factor	Inhibited	-6.507	1.70E-09
Vegf		group	Inhibited	-6.474	1.15E-10
TGFB1	-0.439	growth factor	Inhibited	-5.786	2.22E-14
NFKB (complex)		complex	Inhibited	-5.469	1.93E-04
IL1B	0.159	cytokine	Inhibited	-5.382	1.83E-09
poly rI:rC-RNA		chemical	Inhibited	-5.077	4.27E-08
hydrogen peroxide		chemical	Inhibited	-5.059	3.48E-07
phorbol myristate aceta		chemical	Inhibited	-5.038	9.70E-07
F2	0.111	peptidase	Inhibited	-5.036	1.95E-05
IFNG	0.230	cytokine	Inhibited	-4.710	3.24E-13
SP1	0.207	transcription regulator	Inhibited	-4.685	6.57E-05
IL1A	0.373	cytokine	Inhibited	-4.656	4.24E-06
decitabine		chemical drug	Inhibited	-4.595	4.84E-04
EGF	0.151	growth factor	Inhibited	-4.592	5.06E-05
tretinoin		chemical - endogenous	Inhibited	-4.569	3.48E-09
CTNNB1	-0.079	transcription regulator	Inhibited	-4.568	4.80E-06
trichostatin A		chemical drug	Inhibited	-4.456	4.49E-03
PDGF BB		complex	Inhibited	-4.341	2.24E-07
RAF1	-0.337	kinase	Inhibited	-4.339	3.57E-08
Salmonella enterica ser		chemical toxicant	Inhibited	-4.330	1.40E-03
doxorubicin		chemical drug	Inhibited	-4.293	1.79E-04
IL6	0.277	cytokine	Inhibited	-4.269	5.96E-06
ARNT2	-0.673	transcription regulator	Inhibited	-4.243	2.12E-02
SIM1	0.034	transcription regulator	Inhibited	-4.243	2.52E-02
TNFSF11	-0.056	cytokine	Inhibited	-4.194	1.40E-06
MYD88	0.072	other	Inhibited	-4.129	8.32E-03
Cg		complex	Inhibited	-4.103	1.14E-03
prostaglandin E2		chemical - endogenous	Inhibited	-4.063	2.28E-02
IKBKG	-0.059	kinase	Inhibited	-3.965	8.44E-04
CEBPB	-0.199	transcription regulator	Inhibited	-3.947	2.51E-06
CD40LG	-0.114	cytokine	Inhibited	-3.940	8.36E-06
ionomycin		chemical reagent	Inhibited	-3.928	2.50E-04
IL1		group	Inhibited	-3.777	1.65E-04
TP73	0.067	transcription regulator	Inhibited	-3.774	5.11E-03
HIF1A	0.092	transcription regulator	Inhibited	-3.772	2.55E-02
STAT3	-0.462	transcription regulator	Inhibited	-3.768	1.69E-06
CD24	0.311	other	Inhibited	-3.742	4.84E-06
IKBKB	-0.629	kinase	Inhibited	-3.731	1.61E-04
E. coli B5 lipopolysacch		chemical - endogenous	Inhibited	-3.696	8.69E-05
MITF	-0.333	transcription regulator	Inhibited	-3.676	2.48E-02
VEGFA	-0.411	growth factor	Inhibited	-3.654	4.46E-03
CHUK	-0.361	kinase	Inhibited	-3.641	8.85E-03
Interferon alpha		group	Inhibited	-3.631	3.04E-04
bleomycin		chemical drug	Inhibited	-3.613	6.94E-04
TICAM1	-0.193	other	Inhibited	-3.564	1.70E-02
forskolin		chemical toxicant	Inhibited	-3.510	1.93E-09

PGR	-0.005	ligand-dependent nuclear	Inhibited	-3.493	1.06E-03
CEBPA	0.036	transcription regulator	Inhibited	-3.492	5.67E-06
FN1	0.806	enzyme	Inhibited	-3.473	7.07E-04
RELA	-0.416	transcription regulator	Inhibited	-3.455	3.21E-04
Pkc(s)		group	Inhibited	-3.440	1.37E-04
1-alpha, 25-dihydroxy v		chemical drug	Inhibited	-3.435	2.22E-05
tert-butyl-hydroquinone		chemical reagent	Inhibited	-3.424	5.26E-04
bucladesine		chemical toxicant	Inhibited	-3.416	9.20E-04
salmonella minnesota F		chemical - endogenous	Inhibited	-3.403	3.15E-03
dexamethasone		chemical drug	Inhibited	-3.389	1.00E-16
aldosterone		chemical - endogenous	Inhibited	-3.373	2.64E-03
TREM1	-0.506	transmembrane receptor	Inhibited	-3.369	5.57E-07
ERK1/2		group	Inhibited	-3.352	1.14E-05
GLI1	0.210	transcription regulator	Inhibited	-3.345	3.07E-02
P38 MAPK		group	Inhibited	-3.341	2.51E-02
Ca2+		chemical - endogenous	Inhibited	-3.328	2.95E-04
CNR1	0.069	G-protein coupled receptor	Inhibited	-3.268	5.27E-03
MAP2K1	-0.191	kinase	Inhibited	-3.265	1.59E-06
TP53	-0.554	transcription regulator	Inhibited	-3.250	4.48E-10
benzyloxycarbonyl-Leu-		chemical - protease inhibitor	Inhibited	-3.248	6.19E-05
ADCYAP1	0.126	other	Inhibited	-3.244	3.57E-02
dinoprost		chemical - endogenous	Inhibited	-3.232	4.10E-04
PRL	0.124	cytokine	Inhibited	-3.229	1.20E-04
thapsigargin		chemical toxicant	Inhibited	-3.225	4.59E-04
TLR3	0.170	transmembrane receptor	Inhibited	-3.220	1.52E-02
OSM	0.078	cytokine	Inhibited	-3.164	2.98E-15
IL4	0.165	cytokine	Inhibited	-3.157	4.49E-04
LDL		complex	Inhibited	-3.155	1.56E-04
PTH	0.148	other	Inhibited	-3.153	1.91E-04
tributyrin		chemical drug	Inhibited	-3.132	1.27E-03
FOXO1	-0.037	transcription regulator	Inhibited	-3.118	2.42E-02
ESR2	0.264	ligand-dependent nuclear	Inhibited	-3.105	2.12E-02
D-galactosamine		chemical - endogenous	Inhibited	-3.101	2.23E-05
MAPK14	-0.374	kinase	Inhibited	-3.086	9.51E-04
ethanol		chemical - endogenous	Inhibited	-3.083	9.09E-03
mycophenolic acid		chemical drug	Inhibited	-3.053	2.05E-04
gentamicin		chemical drug	Inhibited	-3.030	4.27E-02
lomustine		chemical drug	Inhibited	-3.000	5.09E-03
allopurinol		chemical drug	Inhibited	-3.000	2.29E-02
ANXA7	-0.286	ion channel	Inhibited	-2.985	9.25E-03
IL17A	0.181	cytokine	Inhibited	-2.976	9.74E-03
triamterene		chemical drug	Inhibited	-2.970	6.94E-03
thioacetamide		chemical toxicant	Inhibited	-2.950	3.34E-03
8-bromo-cAMP		chemical reagent	Inhibited	-2.939	9.10E-04
dihydrotestosterone		chemical - endogenous	Inhibited	-2.931	1.17E-06
AGT	0.087	growth factor	Inhibited	-2.917	3.63E-08
ERG	0.332	transcription regulator	Inhibited	-2.885	3.15E-03
rosiglitazone		chemical drug	Inhibited	-2.866	2.72E-02
trovafloxacin		chemical drug	Inhibited	-2.840	1.66E-06
gentamicin C		chemical drug	Inhibited	-2.828	1.60E-02
Retnlb		other	Inhibited	-2.828	4.07E-02
ERK		group	Inhibited	-2.824	2.88E-04

STAT1	0.659	transcription regulator	Inhibited	-2.811	1.74E-02
FOXL2	0.150	transcription regulator	Inhibited	-2.810	6.48E-03
resveratrol		chemical drug	Inhibited	-2.803	4.43E-02
Pka		complex	Inhibited	-2.789	3.53E-02
TSH		complex	Inhibited	-2.789	5.13E-03
Pdgf (complex)		complex	Inhibited	-2.787	2.63E-03
N-Ac-Leu-Leu-norleucir		chemical - protease inhi	Inhibited	-2.784	4.65E-02
E. coli lipopolysaccharic		chemical - endogenous	Inhibited	-2.770	2.08E-02
deferroxamine		chemical drug	Inhibited	-2.764	7.63E-03
paclitaxel		chemical drug	Inhibited	-2.761	4.00E-04
ERBB2	-0.499	kinase	Inhibited	-2.735	2.65E-12
EGR1	-0.316	transcription regulator	Inhibited	-2.732	5.90E-04
HIST1H1T	0.059	other	Inhibited	-2.714	4.93E-03
HIST1H1A	0.097	other	Inhibited	-2.714	5.87E-03
APP	-0.489	other	Inhibited	-2.711	5.05E-10
amphetamine		chemical drug	Inhibited	-2.708	2.33E-04
IGF1	0.475	growth factor	Inhibited	-2.705	5.21E-03
FGF2	-0.784	growth factor	Inhibited	-2.704	1.92E-04
beta-estradiol		chemical - endogenous	Inhibited	-2.647	7.70E-16
EPAS1	-0.418	transcription regulator	Inhibited	-2.645	1.30E-05
nitric oxide		chemical - endogenous	Inhibited	-2.640	9.51E-04
glucocorticoid		chemical drug	Inhibited	-2.629	3.75E-03
WNT1	0.056	cytokine	Inhibited	-2.621	1.88E-02
PRKCA	0.292	kinase	Inhibited	-2.616	1.15E-04
Tgf beta		group	Inhibited	-2.613	4.46E-03
FGF10		growth factor	Inhibited	-2.611	5.22E-04
L-glutamic acid		chemical - endogenous	Inhibited	-2.608	1.84E-02
carbonyl cyanide m-chlc		chemical toxicant	Inhibited	-2.607	1.75E-02
LIF	-0.371	cytokine	Inhibited	-2.599	6.40E-02
CREB1	-0.512	transcription regulator	Inhibited	-2.597	3.44E-02
ETS1	0.071	transcription regulator	Inhibited	-2.596	1.30E-04
GATA1	-0.117	transcription regulator	Inhibited	-2.592	4.52E-02
crocidolite asbestos		chemical toxicant	Inhibited	-2.589	4.57E-04
CCL5	0.168	cytokine	Inhibited	-2.569	2.25E-02
PPARG	-0.176	ligand-dependent nucle	Inhibited	-2.568	3.36E-02
cigarette smoke		chemical toxicant	Inhibited	-2.565	3.13E-03
FOXO3	-0.787	transcription regulator	Inhibited	-2.559	2.06E-03
NFKBIA	-0.205	transcription regulator	Inhibited	-2.538	9.35E-08
lfn		group	Inhibited	-2.530	1.59E-02
progesterone		chemical - endogenous	Inhibited	-2.478	6.04E-02
BAX	0.351	transporter	Inhibited	-2.449	1.59E-02
9-cis-retinoic acid		chemical drug	Inhibited	-2.449	2.48E-02
MAPK8	0.393	kinase	Inhibited	-2.447	1.62E-02
FSH		complex	Inhibited	-2.433	4.27E-10
MAP2K1/2		group	Inhibited	-2.433	4.43E-02
VitaminD3-VDR-RXR		complex	Inhibited	-2.423	3.10E-02
carbon tetrachloride		chemical toxicant	Inhibited	-2.419	7.59E-03
N-acetylsphingosine		chemical reagent	Inhibited	-2.415	2.30E-02
PPRC1	-0.147	transcription regulator	Inhibited	-2.414	2.82E-02
NRG1	0.440	growth factor	Inhibited	-2.404	3.99E-02
SGK1	-0.529	kinase	Inhibited	-2.400	4.81E-02
FGFR1	0.273	kinase	Inhibited	-2.387	7.65E-03

FOXC2	0.302	other	Inhibited	-2.383	2.64E-03
vancomycin		chemical drug	Inhibited	-2.375	3.39E-04
delta-9-tetrahydrocanna		chemical drug	Inhibited	-2.363	4.54E-03
RET	-0.131	kinase	Inhibited	-2.359	1.47E-05
5-N-ethylcarboxamido ε		chemical reagent	Inhibited	-2.358	4.86E-03
BMP2	0.524	growth factor	Inhibited	-2.341	3.83E-02
daidzein		chemical drug	Inhibited	-2.333	1.69E-02
peptidoglycan		chemical - endogenous	Inhibited	-2.304	2.27E-02
JAK2	-0.517	kinase	Inhibited	-2.301	7.45E-04
E. coli serotype 0127B8		chemical - endogenous	Inhibited	-2.267	1.22E-03
CEBPD	-0.513	other	Inhibited	-2.257	6.06E-04
STAT6	-0.624	transcription regulator	Inhibited	-2.238	1.69E-02
SELPLG	0.209	other	Inhibited	-2.236	2.36E-02
TFEB	-0.067	transcription regulator	Inhibited	-2.236	1.37E-02
TNFSF10	-0.522	cytokine	Inhibited	-2.222	1.48E-03
CSF1	0.126	cytokine	Inhibited	-2.219	4.12E-03
MAP3K14	-0.130	kinase	Inhibited	-2.219	2.24E-03
lithocholic acid		chemical - endogenous	Inhibited	-2.219	7.02E-03
Ni2+		chemical reagent	Inhibited	-2.219	7.02E-03
cholecalciferol		chemical - endogenous	Inhibited	-2.216	1.65E-03
rifampin		chemical drug	Inhibited	-2.216	1.57E-03
CDX2	0.508	transcription regulator	Inhibited	-2.211	1.44E-03
nitroprusside		chemical drug	Inhibited	-2.200	7.11E-02
quinolinic acid		chemical - endogenous	Inhibited	-2.191	7.70E-02
Am 580		chemical toxicant	Inhibited	-2.190	2.36E-02
bisphenol A		chemical - endogenous	Inhibited	-2.184	2.05E-03
VDR	-0.608	ligand-dependent nuclea	Inhibited	-2.179	1.06E-01
6-hydroxydopamine		chemical toxicant	Inhibited	-2.156	7.53E-04
SQSTM1	-0.292	transcription regulator	Inhibited	-2.156	7.53E-03
MET	-0.949	kinase	Inhibited	-2.145	4.10E-04
maneb		chemical toxicant	Inhibited	-2.121	1.46E-02
arsenic trioxide		chemical drug	Inhibited	-2.085	6.71E-02
olanzapine		chemical drug	Inhibited	-2.064	4.70E-02
9,10-dimethyl-1,2-benz		chemical toxicant	Inhibited	-2.053	4.36E-05
GNA12	0.112	enzyme	Inhibited	-2.025	1.46E-05
Ras		group	Inhibited	-2.022	5.46E-03
EDN3	0.217	other	Inhibited	-2.000	2.15E-02
SEMA7A	0.142	transmembrane recepto	Inhibited	-2.000	2.52E-02
eflornithine		chemical drug	Inhibited	-2.000	1.34E-01
PLAU	0.511	peptidase		-1.996	2.67E-02
butylated hydroxyanisol		chemical toxicant		-1.995	3.37E-02
SRC	-0.511	kinase		-1.992	1.42E-03
PLAUR	-0.720	transmembrane recepto		-1.990	2.67E-02
ozone		chemical toxicant		-1.990	4.38E-02
nocodazole		chemical reagent		-1.988	2.63E-01
R5020		chemical reagent		-1.982	1.27E-03
AREG/AREGB	0.240	growth factor		-1.982	2.52E-02
MALP-2s		chemical reagent		-1.982	3.37E-02
STAT		group		-1.982	3.74E-02
chrysotile asbestos		chemical toxicant		-1.982	4.38E-02
IRF6	0.192	transcription regulator		-1.982	4.93E-02
TRPV4	-0.086	ion channel		-1.980	2.93E-02

JUN	-0.635	transcription regulator	-1.977	6.24E-05
PTGS2	0.054	enzyme	-1.977	1.70E-02
NTF3	-0.094	growth factor	-1.977	2.52E-02
BCL2	-0.296	transporter	-1.976	3.52E-02
cis-urocanic acid		chemical drug	-1.969	4.74E-03
IL17R		complex	-1.969	1.24E-02
PI3K (complex)		complex	-1.965	2.48E-02
prostaglandin A1		chemical - endogenous	-1.964	2.52E-02
lipoarabinomannan		chemical - endogenous	-1.964	2.93E-02
metribolone		chemical reagent	-1.960	4.82E-03
KLF4	-0.266	transcription regulator	-1.960	2.01E-01
TGFB2	-0.548	kinase	-1.954	2.09E-03
ESR1	-1.265	ligand-dependent nuclear	-1.954	1.18E-05
methylprednisolone		chemical drug	-1.953	9.21E-07
oltipraz		chemical drug	-1.953	3.86E-02
arsenite		chemical toxicant	-1.951	3.84E-05
PHLPP1	-0.465	enzyme	-1.951	1.79E-03
GLI3	0.108	transcription regulator	-1.941	1.65E-02
Stat3-Stat3		complex	-1.941	3.37E-02
PRKCE	-0.178	kinase	-1.941	4.79E-02
TGM2	-1.165	enzyme	-1.937	2.04E-02
NAMPT	-0.572	cytokine	-1.915	8.67E-05
carboplatin		chemical drug	-1.912	3.09E-03
POU5F1	-0.109	transcription regulator	-1.912	3.24E-02
di(2-ethylhexyl) phthalate		chemical toxicant	-1.900	2.12E-02
GH1	0.262	growth factor	-1.884	1.51E-04
benzo(a)pyrene		chemical toxicant	-1.879	2.93E-04
testosterone		chemical - endogenous	-1.864	1.78E-03
Calcineurin protein(s)		complex	-1.842	1.43E-02
HSF1	0.277	transcription regulator	-1.841	1.36E-04
sodium arsenite		chemical drug	-1.834	2.69E-03
EPO	0.099	cytokine	-1.834	7.26E-03
melatonin		chemical - endogenous	-1.826	6.95E-03
NFKB1	-0.098	transcription regulator	-1.810	5.42E-04
FGFR2	-0.219	kinase	-1.792	1.20E-02
IL2	0.164	cytokine	-1.786	3.77E-04
ADIPOQ	0.150	other	-1.762	1.08E-01
SMARCA4	-0.830	transcription regulator	-1.746	2.15E-04
desmopressin		biologic drug	-1.744	6.95E-03
TGFB2	-0.997	growth factor	-1.737	9.80E-04
STK11	-0.136	kinase	-1.732	1.77E-02
ATM	-0.373	kinase	-1.726	4.43E-02
ATF6	-0.414	transcription regulator	-1.718	3.00E-02
Hsp90		group	-1.709	1.89E-03
TP63	-0.226	transcription regulator	-1.700	7.43E-04
IGF2	-0.316	growth factor	-1.698	4.12E-03
IL15	-0.289	cytokine	-1.684	1.64E-03
2-deoxyglucose		chemical drug	-1.681	3.38E-05
EGFR	-1.021	kinase	-1.667	1.38E-03
tamoxifen		chemical drug	-1.638	4.86E-05
NEDD9	0.424	other	-1.633	8.69E-03
Pam3-Cys		chemical toxicant	-1.633	1.30E-02

tunicamycin		chemical - endogenous	-1.632	2.38E-02
dibutyl phthalate		chemical toxicant	-1.630	4.74E-03
SPI1	0.116	transcription regulator	-1.625	1.71E-02
cisplatin		chemical drug	-1.589	1.36E-04
MAP2K4	-0.274	kinase	-1.588	1.51E-03
ELF3	-0.554	transcription regulator	-1.577	9.20E-04
TGFA	0.187	growth factor	-1.573	6.44E-03
BMP7	0.445	growth factor	-1.552	2.39E-03
SMAD4	-0.370	transcription regulator	-1.549	3.56E-03
AR	0.135	ligand-dependent nuclear receptor	-1.549	3.15E-02
WT1	0.200	transcription regulator	-1.545	1.14E-02
cadmium		chemical toxicant	-1.542	2.44E-02
WNT3A		cytokine	-1.533	4.94E-02
4-methylnitrosoamino-1		chemical toxicant	-1.532	8.86E-04
INSR	-0.658	kinase	-1.521	3.71E-03
Mek		group	-1.502	1.13E-04
fulvestrant		chemical drug	-1.481	4.12E-04
PTEN	0.324	phosphatase	-1.458	2.90E-06
hyaluronic acid		chemical - endogenous	-1.442	2.17E-03
TERT	0.103	enzyme	-1.432	1.03E-02
triamcinolone acetonide		chemical drug	-1.428	3.57E-08
arachidonic acid		chemical - endogenous	-1.424	1.08E-02
phorbol 12,13-dibutyrate		chemical - endogenous	-1.400	3.00E-02
MAP3K1	-0.120	kinase	-1.396	4.12E-04
HOXA9	0.390	transcription regulator	-1.387	1.66E-07
ELF4	-0.156	transcription regulator	-1.372	4.70E-03
Gm-csf		group	-1.346	4.43E-02
vitamin B12		chemical - endogenous	-1.342	8.41E-03
2-cyano-3,12-dioxole		chemical drug	-1.342	1.05E-05
IHH	0.055	enzyme	-1.330	1.83E-03
MAPK9	-0.522	kinase	-1.285	1.07E-02
isobutylmethylxanthine		chemical toxicant	-1.268	1.70E-02
ELANE	0.143	peptidase	-1.254	7.18E-04
HTT	-0.258	transcription regulator	-1.208	8.76E-04
ursodeoxycholic acid		chemical - endogenous	-1.195	1.93E-02
MAPK3	-0.245	other	-1.177	3.58E-05
nitroarginine		chemical reagent	-1.172	1.37E-02
NR3C2	-0.076	ligand-dependent nuclear receptor	-1.168	1.84E-02
resiquimod		chemical drug	-1.154	3.48E-02
IL13	0.241	cytokine	-1.146	9.99E-05
TSC1	-0.530	other	-1.131	3.86E-02
SMAD3	-0.845	transcription regulator	-1.123	6.43E-03
CD44	-0.174	enzyme	-1.114	1.20E-02
FSHB	0.163	other	-1.103	1.24E-02
CYP27B1	-0.055	other	-1.103	2.67E-02
1-methyl-4-phenyl-1,2,3		chemical toxicant	-1.091	4.79E-02
SOX9	-0.765	other	-1.069	3.53E-03
NCAM1	-1.178	other	-1.067	8.03E-03
heparin		chemical - endogenous	-1.067	4.46E-02
CYR61	0.477	other	-1.060	6.48E-03
4-hydroxytamoxifen		chemical drug	-1.042	1.41E-04
indomethacin		chemical drug	-1.038	2.49E-03

NRF1	0.215	transcription regulator	-1.032	9.17E-03
EIF2AK3	-0.155	kinase	-1.029	9.30E-04
D-glucose		chemical - endogenous	-1.025	5.48E-08
beta-naphthoflavone		chemical toxicant	-1.024	4.43E-02
PRLR	0.419	transmembrane recepto	-1.023	3.83E-03
8-bromoguanosine 3',5'		chemical - kinase inhibit	-1.000	1.82E-02
NOG		growth factor	-1.000	2.30E-02
HRAS	-0.154	enzyme	-0.986	1.41E-06
genistein		chemical drug	-0.984	2.37E-03
diethylstilbestrol		chemical drug	-0.952	4.77E-05
estrogen		chemical drug	-0.921	2.64E-02
AKT1	-0.144	kinase	-0.908	1.69E-02
PDGFB	0.082	growth factor	-0.902	4.81E-02
4-hydroxynonenal		chemical toxicant	-0.849	3.86E-02
PDX1	0.359	transcription regulator	-0.832	3.13E-03
methapyrilene		chemical drug	-0.816	2.79E-02
HNF4A	0.487	transcription regulator	-0.801	2.51E-04
eicosapentenoic acid		chemical drug	-0.799	3.09E-03
desipramine		chemical drug	-0.753	2.15E-02
OXT	-0.003	other	-0.728	3.83E-03
PTHLH	-0.284	other	-0.728	6.48E-03
RAC1	-0.026	enzyme	-0.707	2.27E-02
IL17RA	-0.072	transmembrane recepto	-0.689	3.86E-02
CXCL12	-0.111	cytokine	-0.665	2.61E-02
bexarotene		chemical drug	-0.664	2.59E-02
RHOB	0.169	enzyme	-0.655	1.79E-03
NREP	-0.234	other	-0.655	6.27E-03
GLI2	-0.064	transcription regulator	-0.647	2.64E-02
streptozocin		chemical drug	-0.616	3.52E-02
tetracycline		chemical drug	-0.593	3.55E-02
GATA6	0.132	transcription regulator	-0.485	4.07E-02
FGF1	0.520	growth factor	-0.483	1.37E-02
NR112	0.341	ligand-dependent nuclea	-0.470	3.41E-03
PRKAR1A	-0.182	kinase	-0.468	2.75E-03
TNC	-0.352	other	-0.447	4.74E-03
VTN	-0.080	other	-0.434	1.58E-02
raloxifene		chemical drug	-0.424	3.24E-09
ITGB3	-1.997	transmembrane recepto	-0.422	2.25E-03
9Z,11E-octadecadienoic		chemical - endogenous	-0.392	2.15E-02
RHO	-0.140	G-protein coupled recep	-0.378	3.02E-02
NOTCH1	0.117	transcription regulator	-0.378	1.60E-03
valproic acid		chemical drug	-0.367	3.65E-03
4-phenylbutyric acid		chemical - endogenous	-0.333	5.66E-03
NR3C1	-0.378	ligand-dependent nuclea	-0.325	2.03E-06
anisomycin		chemical - endogenous	-0.287	3.69E-04
carbamylocholone		chemical drug	-0.285	4.14E-02
IL10	0.285	cytokine	-0.274	1.00E-04
AGTR1	0.286	G-protein coupled recep	-0.218	3.74E-02
mifepristone		chemical drug	-0.158	2.49E-04
WNT5A	-0.688	cytokine	-0.147	4.07E-02
CYP19A1	0.017	enzyme	-0.131	3.02E-02
FAS	-0.326	transmembrane recepto	-0.100	1.65E-11

K+		chemical - endogenous	-0.094	3.74E-02
MAFG	-0.049	transcription regulator	-0.083	1.01E-02
epigallocatechin-gallate		chemical drug	-0.072	1.78E-03
Lh		complex	-0.054	9.97E-07
MAPK1	-0.168	kinase	-0.028	2.04E-04
lenalidomide		chemical drug	0.000	3.14E-02
troglitazone		chemical drug	0.040	4.63E-03
MAP3K7	-0.530	kinase	0.042	8.66E-05
Gsk3		group	0.138	2.55E-02
camptothecin		chemical toxicant	0.141	1.56E-11
AHR	-0.804	ligand-dependent nuclea	0.149	3.34E-04
cyclosporin A		biologic drug	0.152	1.31E-03
EZH2	-0.042	transcription regulator	0.203	4.40E-04
phosphate		chemical - endogenous	0.266	5.38E-03
PAX3	0.422	transcription regulator	0.277	6.84E-05
tetrachlorodibenzodioxii		chemical toxicant	0.286	6.35E-03
nifedipine		chemical drug	0.290	3.31E-02
CDH1	-0.262	other	0.294	9.17E-03
MGAT5	-0.579	enzyme	0.305	4.80E-03
tacrolimus		chemical drug	0.324	1.04E-02
NANOG	0.103	transcription regulator	0.378	5.34E-03
FOS	-0.689	transcription regulator	0.421	7.05E-09
KRAS	-0.339	enzyme	0.432	5.11E-03
topotecan		chemical drug	0.455	1.86E-04
simvastatin		chemical drug	0.467	4.34E-02
methylselenic acid		chemical reagent	0.478	7.79E-07
NUPR1	0.784	transcription regulator	0.548	2.10E-04
PSEN2	-0.039	peptidase	0.570	5.87E-03
ACOX1	-0.668	enzyme	0.577	1.62E-02
W7		chemical reagent	0.577	1.24E-02
hydrocortisone		chemical - endogenous	0.736	2.81E-02
butyric acid		chemical - endogenous	0.744	3.21E-04
TFAP2A	-0.826	transcription regulator	0.763	4.30E-04
androgen		chemical - other	0.786	1.54E-07
verapamil		chemical drug	0.816	5.54E-03
BCL6	-0.566	transcription regulator	0.817	2.81E-02
staurosporine		chemical - kinase inhibit	0.847	3.40E-03
iron		chemical - endogenous	0.849	3.41E-02
MYC	0.014	transcription regulator	0.888	7.44E-03
FYN	0.275	kinase	0.899	6.32E-03
KIAA1524		other	0.923	4.57E-03
GnRH analog		biologic drug	0.961	2.80E-05
cryptotanshinone		chemical drug	1.000	7.44E-04
ZNF217	-0.441	transcription regulator	1.000	1.21E-02
LAMC1	-0.170	other	1.067	4.80E-03
plicamycin		chemical drug	1.121	2.28E-03
estrogen receptor		group	1.130	1.34E-06
26s Proteasome		complex	1.141	4.46E-02
YY1	-0.455	transcription regulator	1.195	2.13E-02
KEAP1	-0.221	transcription regulator	1.214	2.58E-03
cycloheximide		chemical reagent	1.216	3.13E-05
HOXA10	0.380	transcription regulator	1.265	2.59E-02

PP2/AG1879 tyrosine k		chemical - kinase inhibit		1.293	5.09E-03
KLF2	-0.088	transcription regulator		1.342	2.02E-02
Igm		complex		1.387	2.78E-02
Ro31-8220		chemical - kinase inhibit		1.387	4.57E-02
GPX1	0.108	enzyme		1.400	2.30E-02
cerivastatin		chemical drug		1.406	7.71E-03
H-7		chemical - kinase inhibit		1.467	1.65E-02
CD28	0.239	transmembrane recepto		1.512	2.95E-02
WISP2	0.160	growth factor		1.671	8.69E-03
KN 93		chemical - kinase inhibit		1.693	3.86E-02
SP600125		chemical - kinase inhibit		1.742	3.06E-03
CLDN7	-0.137	other		1.782	1.79E-01
Hdac		group		1.870	6.36E-03
pyrrolidine dithiocarbam		chemical reagent		1.888	3.74E-02
IRF4	-0.067	transcription regulator		1.897	3.52E-02
BTRC	0.121	enzyme		1.928	1.24E-02
gossypol		chemical toxicant		1.934	4.80E-03
wortmannin		chemical - kinase inhibit		1.937	1.82E-03
ADAMTS12	0.101	other		1.949	9.97E-03
N(6)-(3-iodobenzyl)-5'-N		chemical drug		1.960	1.38E-03
prednisolone		chemical drug		1.964	2.60E-03
DACH1	0.192	transcription regulator		1.964	3.37E-02
STUB1	0.048	enzyme		1.964	3.37E-02
ciglitazone		chemical drug		1.964	4.04E-01
mir-145		microRNA		1.982	5.41E-04
ABCB4	0.023	transporter		1.997	4.93E-02
mir-210		microRNA	Activated	2.000	2.46E-02
DKK1	0.810	growth factor	Activated	2.043	3.61E-03
Go 6976		chemical - kinase inhibit	Activated	2.178	4.54E-03
geldanamycin		chemical - endogenous	Activated	2.188	4.85E-03
DCN	0.213	other	Activated	2.190	7.11E-02
Bay 11-7082		chemical - kinase inhibit	Activated	2.216	3.41E-02
tempol		chemical drug	Activated	2.219	2.75E-03
SU6656		chemical toxicant	Activated	2.219	1.58E-02
bicalutamide		chemical drug	Activated	2.219	2.67E-02
JAG2	-0.058	growth factor	Activated	2.219	3.74E-02
TAF4	-0.108	transcription regulator	Activated	2.219	4.43E-02
miR-22-3p (miRNAs w/		mature microRNA	Activated	2.236	4.74E-03
Sb202190		chemical - kinase inhibit	Activated	2.283	3.93E-02
Immunoglobulin		complex	Activated	2.361	8.05E-04
calphostin C		chemical - kinase inhibit	Activated	2.396	5.09E-03
mir-182		microRNA	Activated	2.412	6.48E-03
diphenyleneiodonium		chemical reagent	Activated	2.414	3.10E-02
APOE	1.323	transporter	Activated	2.423	1.38E-03
TAB1	0.229	enzyme	Activated	2.449	2.26E-03
tanespimycin		chemical drug	Activated	2.496	1.85E-03
MEOX2	0.108	transcription regulator	Activated	2.565	3.10E-03
MDM2	0.541	transcription regulator	Activated	2.592	6.32E-03
MGEA5	-0.892	enzyme	Activated	2.600	2.40E-04
miR-182-5p (and other		mature microRNA	Activated	2.607	1.31E-03
SERPINE1	0.659	other	Activated	2.619	2.78E-04
SPDEF	-0.189	transcription regulator	Activated	2.646	8.43E-03

miR-29b-3p (and other		mature microRNA	Activated	2.813	4.01E-03
alefacept		biologic drug	Activated	2.828	7.24E-03
curcumin		chemical drug	Activated	3.135	2.69E-02
COL18A1	0.228	other	Activated	3.206	2.19E-04
H89		chemical - kinase inhibit	Activated	3.227	1.20E-03
IL1RN	0.363	cytokine	Activated	3.257	3.72E-02
GFI1	-0.158	transcription regulator	Activated	3.317	1.17E-04
SMAD7	0.349	transcription regulator	Activated	3.440	7.32E-03
miR-16-5p (and other r		mature microRNA	Activated	3.450	8.39E-03
actinomycin D		chemical drug	Activated	3.626	6.19E-04
IgG		complex	Activated	3.742	6.81E-03
miR-30c-5p (and other i		mature microRNA	Activated	3.790	8.66E-05
Alpha catenin		group	Activated	3.945	2.22E-04
miR-124-3p (and other		mature microRNA	Activated	4.214	8.01E-03
miR-1 (and other miRN.		mature microRNA	Activated	4.305	3.26E-03
CD3		complex	Activated	4.332	1.90E-05
U0126		chemical - kinase inhibit	Activated	4.360	6.36E-08
miR-155-5p (miRNAs w		mature microRNA	Activated	4.528	6.51E-06
PD98059		chemical - kinase inhibit	Activated	5.427	1.13E-10
LY294002		chemical - kinase inhibit	Activated	5.616	4.73E-07
SB203580		chemical - kinase inhibit	Activated	5.772	2.47E-05
Sos		group			6.54E-06
FOXF1	0.132	transcription regulator			1.86E-05
HNRNPA2B1	-0.343	other			1.20E-04
TCF		group			1.33E-04
GAL3ST1	-0.017	enzyme			5.40E-04
thymeleatoxin		chemical toxicant			5.40E-04
PPP3CA	-0.623	phosphatase			5.55E-04
HGS	-0.412	other			7.44E-04
CLOCK	-0.691	transcription regulator			1.25E-03
Gpcr		group			1.30E-03
7S NGF		complex			1.30E-03
USP8	0.037	peptidase			1.30E-03
aminoglutethimide		chemical drug			1.30E-03
butylated hydroxytoluen		chemical toxicant			1.30E-03
MECOM	0.238	other			1.83E-03
SP3	-0.131	transcription regulator			1.93E-03
SOD1	-0.183	enzyme			2.24E-03
PRKAG3		kinase			2.41E-03
YES1	-0.537	kinase			2.50E-03
GSK3A	0.167	kinase			2.50E-03
ZYX	0.363	other			2.50E-03
alpha-ketoisocaproic ac		chemical - endogenous			2.50E-03
acrylamide		chemical toxicant			2.50E-03
Mre11		group			2.71E-03
FFAR4		G-protein coupled recep			2.71E-03
CNPY3	-0.397	other			2.71E-03
MDC1	0.337	other			2.71E-03
potassium channel		group			2.71E-03
VAX2	-0.101	transcription regulator			2.71E-03
NMB	-0.224	other			2.71E-03
RILP		other			2.71E-03

USP2	0.157	peptidase	2.71E-03
TH	0.123	enzyme	2.71E-03
ENC1	0.322	peptidase	2.71E-03
nisoldipine		chemical drug	2.71E-03
NKX3-1	-0.981	transcription regulator	3.53E-03
BHLHA15		transcription regulator	3.57E-03
PGF	-0.622	growth factor	3.83E-03
DDB2	0.373	other	4.20E-03
BAG1	-0.171	other	4.80E-03
SUZ12	0.274	enzyme	5.27E-03
LMNA	0.186	other	6.13E-03
ADCY		group	6.27E-03
sphingosylphosphochol		chemical - endogenous	6.46E-03
LRP2	0.209	transporter	6.46E-03
miR-208a-3p (and other		mature microRNA	6.46E-03
CDK6	-0.213	kinase	6.46E-03
APEX1	0.361	enzyme	6.46E-03
cordycepin		chemical drug	6.46E-03
ADRA1B	0.129	G-protein coupled recep	7.18E-03
ADAM10	-0.228	peptidase	7.71E-03
ritonavir		chemical drug	7.79E-03
Dynamain		group	7.84E-03
Stat1-Stat3		complex	7.84E-03
TRA2B	-0.328	other	7.84E-03
EMP2	0.144	other	7.84E-03
LAMP2	0.325	enzyme	7.84E-03
TRAF7		enzyme	7.84E-03
MMP8	-0.047	peptidase	7.84E-03
MATK	-0.065	kinase	7.84E-03
RING1	-0.170	transcription regulator	7.84E-03
VGF	0.029	growth factor	7.84E-03
PD 150606		chemical - protease inhi	7.84E-03
glutathione diethyl ester		chemical reagent	7.84E-03
BTG2	-0.183	transcription regulator	8.03E-03
CTF1	-0.047	cytokine	8.41E-03
ZEB1	-0.407	transcription regulator	8.41E-03
HSF2	0.134	transcription regulator	8.41E-03
BRD2	-0.449	kinase	8.69E-03
miR-375-3p (and other		mature microRNA	9.32E-03
methylene blue		chemical drug	9.32E-03
[D-Ala2,N-Me-Phe4,Gly		chemical reagent	9.32E-03
anti-benzo(a)pyrene-dic		chemical toxicant	9.32E-03
aurothioglucose		chemical drug	9.32E-03
FOLR1	-0.431	transporter	9.56E-03
WNT7A	-0.088	cytokine	1.01E-02
HSP90B1	-0.323	other	1.01E-02
ADRA1D	0.275	G-protein coupled recep	1.03E-02
vitamin D		chemical drug	1.14E-02
TCF4	1.044	transcription regulator	1.15E-02
IRAK4	-0.114	kinase	1.21E-02
TFEC	0.044	transcription regulator	1.24E-02
SBDS		other	1.27E-02

EPHB1	0.205	kinase	1.28E-02
asoprisnil		chemical drug	1.28E-02
HSPA1A/HSPA1B	-0.763	other	1.28E-02
PDGFRB	0.109	kinase	1.28E-02
MXD1	0.244	transcription regulator	1.28E-02
HOXC9		transcription regulator	1.28E-02
AFP	0.081	transporter	1.28E-02
calmidazolium		chemical drug	1.28E-02
zinc sulfate		chemical drug	1.28E-02
tyrphostin AG 1296		chemical - kinase inhibit	1.28E-02
Pro-inflammatory Cytok		group	1.29E-02
GNA15	-0.200	enzyme	1.29E-02
BMI1	-0.024	transcription regulator	1.47E-02
LRP5	-0.144	transmembrane recepto	1.51E-02
BLVRA	0.148	enzyme	1.51E-02
JDP2		transcription regulator	1.51E-02
GPIIB-IIIa		complex	1.51E-02
CDC25B	-1.199	phosphatase	1.51E-02
HMGN1	0.146	transcription regulator	1.51E-02
miR-219-5p (and other		mature microRNA	1.51E-02
CALCR	0.246	G-protein coupled recep	1.51E-02
GCLC	-0.538	enzyme	1.51E-02
LRIG1	-0.710	other	1.51E-02
SNCG	-0.214	other	1.51E-02
CHRM4	-0.135	G-protein coupled recep	1.51E-02
KRIT1	0.192	other	1.51E-02
VSNL1	0.124	other	1.51E-02
IGKC	-0.332	other	1.51E-02
GCLM	0.668	enzyme	1.51E-02
SLC20A2	0.001	transporter	1.51E-02
phenylmethylsulfonyl flu		chemical - protease inhi	1.51E-02
clomiphene		chemical drug	1.51E-02
liarozole		chemical drug	1.51E-02
ibotenic acid		chemical toxicant	1.51E-02
citalopram		chemical drug	1.51E-02
oxytetracycline		chemical drug	1.51E-02
apamin		chemical toxicant	1.51E-02
MTOR	-0.152	kinase	1.62E-02
TRIM28	0.014	transcription regulator	1.65E-02
ursolic acid		chemical - endogenous	1.65E-02
azathioprine		chemical drug	1.69E-02
sorbitol		chemical - endogenous	1.69E-02
ALOX12	-0.304	enzyme	1.69E-02
SOX4	0.250	transcription regulator	1.69E-02
TNFRSF11B	0.207	transmembrane recepto	1.69E-02
CSK	-0.030	kinase	1.69E-02
MAFF	-0.569	transcription regulator	1.69E-02
L-685,458		chemical - protease inhi	1.69E-02
amiloride		chemical drug	1.69E-02
halofuginone		chemical drug	1.80E-02
NTRK1	-0.099	kinase	1.81E-02
BACH1	-0.460	transcription regulator	1.81E-02

SMO	0.277	G-protein coupled recep	1.91E-02
mir-132		microRNA	2.15E-02
HMGA2	0.025	enzyme	2.15E-02
miR-141-3p (and other		mature microRNA	2.17E-02
KISS1	0.118	other	2.17E-02
PDGFRA	-0.673	kinase	2.17E-02
SMURF2	-0.068	enzyme	2.17E-02
riboflavin		chemical - endogenous	2.17E-02
galactose		chemical - endogenous	2.17E-02
TEAD4	-0.225	transcription regulator	2.36E-02
inositol		chemical drug	2.44E-02
TPPP2		other	2.44E-02
Nicotinic acetylcholine r		complex	2.44E-02
YY2	0.281	other	2.44E-02
GLIS1		other	2.44E-02
FGR	0.204	kinase	2.44E-02
XPC	-0.290	other	2.44E-02
APLP2	-0.451	other	2.44E-02
PTN	0.338	growth factor	2.44E-02
MLLT3	-0.380	other	2.44E-02
RSC1A1		other	2.44E-02
IAPP	-0.058	other	2.44E-02
RPL11	0.041	other	2.44E-02
PSMD4	0.232	other	2.44E-02
FRK	-0.042	kinase	2.44E-02
MBD4	-0.348	enzyme	2.44E-02
NDFIP1	-0.748	other	2.44E-02
acetazolamide		chemical drug	2.44E-02
famotidine		chemical drug	2.44E-02
6-cyano-7-nitroquinoxal		chemical reagent	2.44E-02
Collagen type V		complex	2.44E-02
aurothiomalate		chemical drug	2.44E-02
catechol		chemical - endogenous	2.44E-02
GLP-1 (7-36) amide		chemical drug	2.44E-02
ELAVL1	-0.154	other	2.44E-02
Calcineurin A		group	2.52E-02
ENG	-0.275	other	2.52E-02
mir-155		microRNA	2.55E-02
IL11	-0.624	cytokine	2.55E-02
17-dimethylaminoethyla		chemical drug	2.72E-02
BMP		group	2.72E-02
Pkg		group	2.72E-02
SLC9A3R1	-0.075	other	2.72E-02
CFB	-1.142	peptidase	2.72E-02
TRPV1	0.053	ion channel	2.72E-02
CSF2RA	-0.322	transmembrane recepto	2.72E-02
RPS6KA5	-0.888	other	2.72E-02
quinpirole		chemical reagent	2.72E-02
1-chloro-2-(2,2,2-trichlo		chemical toxicant	2.72E-02
auranofin		chemical drug	2.72E-02
SIN3A		transcription regulator	2.82E-02
TAL1	-0.093	other	2.83E-02

7-ethyl-10-hydroxy-cam		chemical drug	2.93E-02
ceramide		chemical - endogenous	2.93E-02
ONECUT1	0.025	transcription regulator	2.94E-02
JUND	0.093	transcription regulator	3.02E-02
TCOF1	0.501	transporter	3.07E-02
PTGES	-0.580	enzyme	3.10E-02
omeprazole		chemical drug	3.10E-02
GATA2	0.069	transcription regulator	3.31E-02
CSF2RB	0.093	transmembrane recepto	3.33E-02
HTATIP2	0.184	transcription regulator	3.33E-02
CCK	-0.119	other	3.33E-02
IL2RA	0.053	transmembrane recepto	3.33E-02
CASP8	-0.612	peptidase	3.33E-02
TFCP2	-0.305	transcription regulator	3.33E-02
PTPRE	-0.159	phosphatase	3.33E-02
DLX3		transcription regulator	3.33E-02
IL1RL1	-0.066	transmembrane recepto	3.33E-02
monorden		chemical - endogenous	3.33E-02
pyruvic acid		chemical - endogenous	3.33E-02
D-tubocurarine		chemical drug	3.33E-02
acadesine		chemical drug	3.33E-02
peroxynitrite		chemical toxicant	3.33E-02
HSD17B4	-0.412	enzyme	3.37E-02
AIRE	0.001	transcription regulator	3.41E-02
RNA polymerase II		complex	3.48E-02
novobiocin		chemical drug	3.53E-02
Cobra Venom Factor		chemical - endogenous	3.53E-02
plumbagin		chemical toxicant	3.53E-02
MN1	-0.102	other	3.53E-02
valine		chemical - endogenous	3.53E-02
SPTAN1	-0.494	other	3.53E-02
parathyroid hormone-re		chemical drug	3.53E-02
GMNN	-0.212	transcription regulator	3.53E-02
PCSK9		peptidase	3.53E-02
DAB2	-1.006	other	3.53E-02
SSPN	-0.398	other	3.53E-02
PAX1	-0.035	transcription regulator	3.53E-02
PTPRR	0.349	phosphatase	3.53E-02
CSNK2A2	-0.657	kinase	3.53E-02
CD160	0.047	transmembrane recepto	3.53E-02
MVP	-0.266	other	3.53E-02
SDC1	0.395	enzyme	3.53E-02
MPL	0.044	transmembrane recepto	3.53E-02
6,7-dinitroquinoxaline-2		chemical reagent	3.53E-02
fluphenazine		chemical drug	3.53E-02
zonisamide		chemical drug	3.53E-02
acetic acid		chemical - endogenous	3.53E-02
4-aminophenol		chemical - endogenous	3.53E-02
CA074-methyl ester		chemical reagent	3.53E-02
MDL 28170		chemical toxicant	3.53E-02
2-amino-5-phosphonov:		chemical - other	3.53E-02
CCR1	0.384	G-protein coupled recep	3.86E-02

MAPK8IP1	-0.009	other	4.00E-02
VCAN	-0.188	other	4.00E-02
GIP	0.008	other	4.00E-02
NDRG1	-0.502	kinase	4.00E-02
UBE2I	-0.232	enzyme	4.00E-02
cyclopiazonic acid		chemical - endogenous	4.00E-02
metyrapone		chemical drug	4.00E-02
pyridoxine		chemical - endogenous	4.00E-02
N-ethyl-N-nitrosourea		chemical toxicant	4.00E-02
retinol		chemical drug	4.00E-02
LEF1	0.159	transcription regulator	4.07E-02
ADRA1A	0.248	G-protein coupled recep	4.43E-02
mir-1		microRNA	4.57E-02
mannitol		chemical - endogenous	4.74E-02
calpain		complex	4.74E-02
SIRT6	-0.033	enzyme	4.74E-02
EPHB6	-0.891	kinase	4.74E-02
ACVR1C		kinase	4.74E-02
RIPK1	-0.468	kinase	4.74E-02
SMAD6	0.256	transcription regulator	4.74E-02
SCGB1A1	0.052	cytokine	4.74E-02
K-252		chemical - kinase inhibit	4.74E-02
ammonium chloride		chemical drug	4.74E-02
GLP-1-(7-34)-amide		chemical drug	4.74E-02
vanadate		chemical - other	4.74E-02
voltage-gated calcium c		complex	4.77E-02
bacterial lipopolysaccha		chemical - other	4.77E-02
SOX17	0.181	transcription regulator	4.77E-02
SLC5A8		transporter	4.77E-02
Collagen type III		complex	4.77E-02
SNCB	-0.013	other	4.77E-02
miR-199a-3p (and othei		mature microRNA	4.77E-02
NPY1R	-0.245	G-protein coupled recep	4.77E-02
XRCC5	-0.299	enzyme	4.77E-02
CASQ2	0.098	other	4.77E-02
MLH1	-0.128	enzyme	4.77E-02
GRM5	0.056	G-protein coupled recep	4.77E-02
PPM1A	-0.303	phosphatase	4.77E-02
PAX9	0.219	transcription regulator	4.77E-02
HNRNPD	-0.356	transcription regulator	4.77E-02
S1PR3		G-protein coupled recep	4.77E-02
NPAS2	-1.068	transcription regulator	4.77E-02
ARHGDI	-0.132	other	4.77E-02
diltiazem		chemical drug	4.77E-02
raclopride		chemical drug	4.77E-02
hydroquinone		chemical - endogenous	4.77E-02
manidipine		chemical drug	4.77E-02
N-Ac-leucyl-leucyl-meth		chemical - protease inhi	4.77E-02
zinostatin		biologic drug	4.77E-02
acolbifene		chemical drug	4.77E-02
norgestrel		chemical drug	4.77E-02
TAF4B	-0.062	other	4.93E-02