S3 vs Regulator

	S3	1	0	IC(Δ)	P-val	FDR
IPA_MAP3K7_DN				0.588(0.017)	7.69e-06	2.38e-04
TGANTCA_V$AP1_C				0.582(0.016)	7.69e-06	2.38e-04
IPA_IL18_UP				0.582(0.017)	7.69e-06	2.38e-04
V$AP1_Q2_01				0.571(0.020)	7.69e-06	2.38e-04
IPA_ZEB1_DN				0.568(0.012)	7.69e-06	2.38e-04
IPA_STAT1_UP				0.565(0.017)	7.69e-06	2.38e-04
IPA_KLF8_DN				0.565(0.013)	7.69e-06	2.38e-04
V$TEL2_Q6				0.561(0.021)	7.69e-06	2.38e-04
IPA_FOSL1_UP				0.557(0.024)	7.69e-06	2.38e-04
IPA_IRF1_UP				0.557(0.019)	7.69e-06	2.38e-04
IPA_IRF1_DN				0.557(0.019)	7.69e-06	2.38e-04
IPA_OVOL1_UP				0.556(0.012)	7.69e-06	2.38e-04
IPA_PRKCD				0.552(0.015)	7.69e-06	2.38e-04
IPA_ATF7_UP				0.550(0.016)	7.69e-06	2.38e-04
V$ISRE_01				0.546(0.017)	7.69e-06	2.38e-04
V$IRF_Q6				0.544(0.015)	7.69e-06	2.38e-04
IPA_BCL3_DN				0.541(0.015)	7.69e-06	2.38e-04
IPA_SMAD4_UP				0.541(0.020)	7.69e-06	2.38e-04
IPA_PARP1				0.541(0.020)	7.69e-06	2.38e-04
IPA_MMP3_UP				0.536(0.017)	7.69e-06	2.38e-04
KMCATNNWGGA_UNKNOWN				-0.468(0.017)	7.69e-06	2.63e-04
IPA_PPARGC1A				-0.469(0.018)	7.69e-06	2.63e-04
IPA_POU2AF1				-0.476(0.099)	7.69e-06	2.63e-04
AACYNNNNTTCCS_UNKNOWN				-0.479(0.027)	7.69e-06	2.63e-04
V$NRF1_Q6				-0.482(0.019)	7.69e-06	2.63e-04
IPA_GTF2IRD1				-0.484(0.014)	7.69e-06	2.63e-04
YGCGYRCGC_UNKNOWN				-0.486(0.021)	7.69e-06	2.63e-04
IPA_BCL3				-0.490(0.019)	7.69e-06	2.63e-04
IPA_ZEB1				-0.501(0.016)	7.69e-06	2.63e-04
IPA_NEUROD6				-0.502(0.018)	7.69e-06	2.63e-04
IPA_SP3				-0.506(0.019)	7.69e-06	2.63e-04
GGCNKCCATNK_UNKNOWN				-0.511(0.017)	7.69e-06	2.63e-04
IPA_TEAD2				-0.521(0.019)	7.69e-06	2.63e-04
IPA_THRB				-0.522(0.021)	7.69e-06	2.63e-04
GGCNNMSMYNTTG_UNKNOWN				-0.525(0.020)	7.69e-06	2.63e-04
IPA_FOXA2				-0.535(0.020)	7.69e-06	2.63e-04
TCCCRNNRTGC_UNKNOWN				-0.536(0.021)	7.69e-06	2.63e-04
IPA_NEUROD6_UP				-0.565(0.020)	7.69e-06	2.63e-04
IPA_RELB				-0.595(0.014)	7.69e-06	2.63e-04
IPA_MAP3K7				-0.596(0.017)	7.69e-06	2.63e-04