

C4 vs Regulator

Heatmap visualization showing the correlation between C4 (Y-axis) and various Regulators (X-axis). The color scale ranges from red (positive correlation) to blue (negative correlation). The heatmap is titled "C4 vs Regulator".

Regulators listed on the Y-axis (from top to bottom):

- IPA_SKIL_UP
- IPA_SPDEF_DN
- V\$SRF_Q6
- IPA_AHR_DN
- IPA_ZEB1
- IPA_MYCN_DN
- V\$SRF_Q5_01
- IPA_ELF2
- V\$HTF_01
- IPA_CHAF1A_DN
- IPA_NFE2L3
- CCAWWNAAGG_V\$SRF_Q4
- IPA_RFX1_DN
- IPA_RUNX2_DN
- IPA_SOX1_UP
- IPA_ETV5
- IPA_SCXA_UP
- IPA_SMAD7_DN
- IPA_TBX5_DN
- IPA_NFE2L3_UP
- IPA_TEF_UP
- IPA_MYC
- IPA_HOXB8
- IPA_SPDEF_UP
- IPA_GTF2IRD1_DN
- IPA_TP73
- IPA_CBX2_DN
- IPA_RFX1
- IPA_TP63
- IPA_CHAF1A
- IPA_OVOL1_UP
- IPA_ETV5_DN
- IPA_TEAD2_DN
- IPA_ZEB1_DN
- IPA_MMP3
- IPA_SMAD7
- IPA_KLF8_DN
- IPA_MYCN
- IPA_AHR
- IPA_SPDEF

Summary statistics for the C4 vs Regulator analysis:

Regulator	IC(Δ)	P-val	FDR
C4	0.831(0.012)	1.92e-04	3.62e-03
IPA_SKIL_UP	-0.803(0.018)	1.92e-04	3.62e-03
IPA_SPDEF_DN	-0.788(0.007)	1.92e-04	3.62e-03
V\$SRF_Q6	-0.781(0.032)	1.92e-04	3.62e-03
IPA_AHR_DN	-0.780(0.026)	1.92e-04	3.62e-03
IPA_ZEB1	-0.745(0.022)	1.92e-04	3.62e-03
IPA_MYCN_DN	-0.732(0.023)	1.92e-04	3.62e-03
V\$SRF_Q5_01	-0.731(0.042)	1.92e-04	3.62e-03
IPA_ELF2	-0.729(0.024)	1.92e-04	3.62e-03
V\$HTF_01	-0.721(0.021)	1.92e-04	3.62e-03
IPA_CHAF1A_DN	-0.719(0.027)	1.92e-04	3.62e-03
IPA_NFE2L3	-0.714(0.021)	1.92e-04	3.62e-03
CCAWWNAAGG_V\$SRF_Q4	-0.713(0.061)	1.92e-04	3.62e-03
IPA_RFX1_DN	-0.709(0.041)	1.92e-04	3.62e-03
IPA_RUNX2_DN	-0.704(0.040)	1.92e-04	3.62e-03
IPA_SOX1_UP	-0.704(0.025)	1.92e-04	3.62e-03
IPA_ETV5	-0.696(0.025)	1.92e-04	3.62e-03
IPA_SCXA_UP	-0.696(0.033)	1.92e-04	3.62e-03
IPA_SMAD7_DN	-0.694(0.039)	1.92e-04	3.62e-03
IPA_TBX5_DN	-0.685(0.043)	1.92e-04	3.62e-03
IPA_NFE2L3_UP	0.759(0.032)	1.92e-04	1.72e-03
IPA_TEF_UP	0.760(0.040)	1.92e-04	1.72e-03
IPA_MYC	0.762(0.013)	1.92e-04	1.72e-03
IPA_HOXB8	0.763(0.016)	1.92e-04	1.72e-03
IPA_SPDEF_UP	0.764(0.024)	1.92e-04	1.72e-03
IPA_GTF2IRD1_DN	0.764(0.030)	1.92e-04	1.72e-03
IPA_TP73	0.765(0.022)	1.92e-04	1.72e-03
IPA_CBX2_DN	0.766(0.035)	1.92e-04	1.72e-03
IPA_RFX1	0.768(0.030)	1.92e-04	1.72e-03
IPA_TP63	0.768(0.011)	1.92e-04	1.72e-03
IPA_CHAF1A	0.781(0.031)	1.92e-04	1.72e-03
IPA_OVOL1_UP	0.782(0.032)	1.92e-04	1.72e-03
IPA_ETV5_DN	0.785(0.030)	1.92e-04	1.72e-03
IPA_TEAD2_DN	0.788(0.020)	1.92e-04	1.72e-03
IPA_ZEB1_DN	0.788(0.004)	1.92e-04	1.72e-03
IPA_MMP3	0.796(0.036)	1.92e-04	1.72e-03
IPA_SMAD7	0.798(0.018)	1.92e-04	1.72e-03
IPA_KLF8_DN	0.801(0.027)	1.92e-04	1.72e-03
IPA_MYCN	0.807(0.009)	1.92e-04	1.72e-03
IPA_AHR	0.822(0.009)	1.92e-04	1.72e-03
IPA_SPDEF			