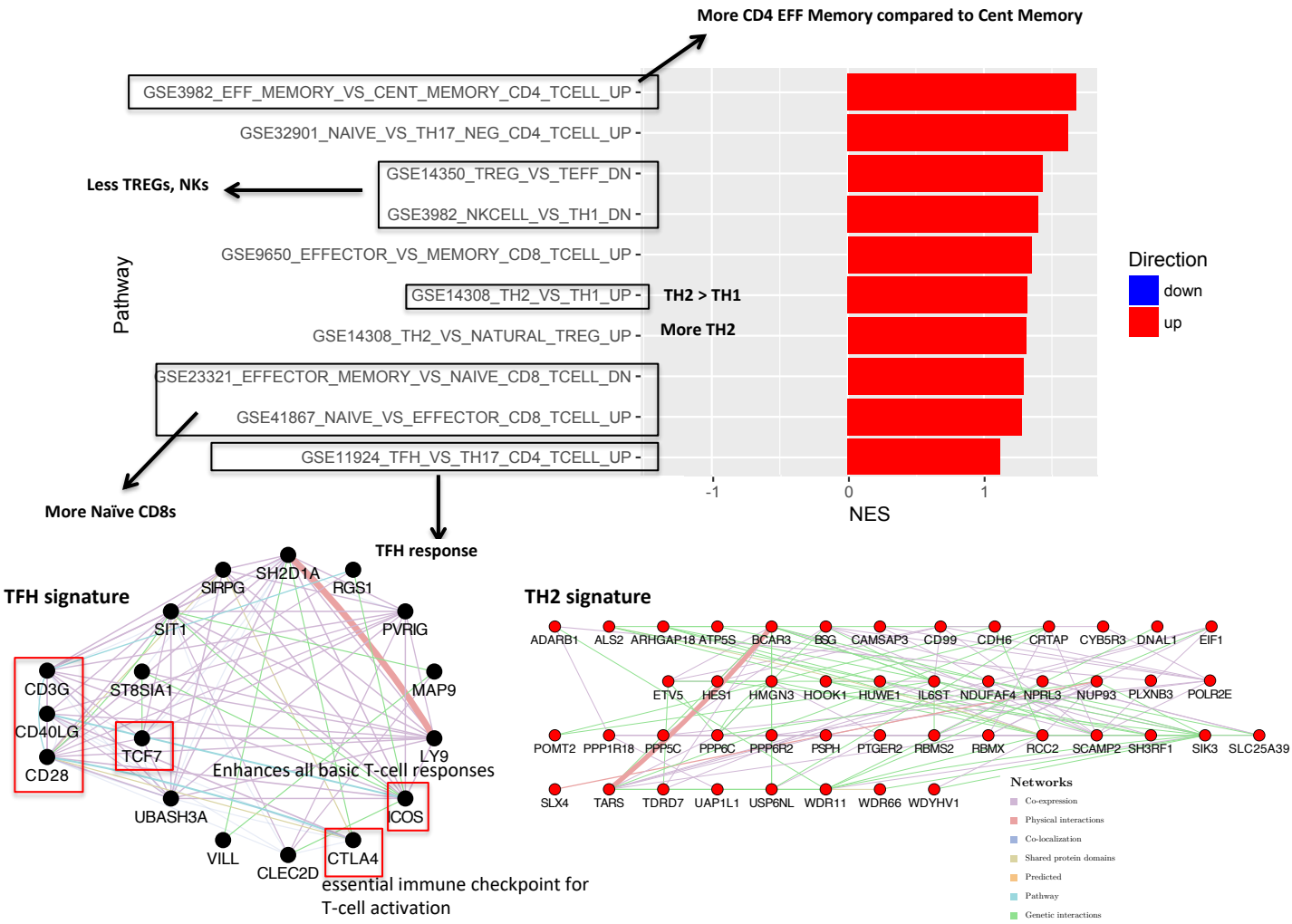
More CD4 EFF Memory compared to Cent Memory
GSE3982_EFF_MEMORY_VS_CENT_MEMORY_CD4_TCELL_UP
GSE32901_NAIVE_VS_TH17_NEG_CD4_TCELL_UP
Less TREGs, NKs
GSE14350_TREG_VS_TEFF_DN
GSE3982_NKCELL_VS_TH1_DN
GSE9650_EFFECTOR_VS_MEMORY_CD8_TCELL_UP
Pathway
GSE14308_TH2_VS_TH1_UP
TH2 > TH1
More TH2
GSE14308_TH2_VS_NATURAL_TREG_UP
GSE23321_EFFECTOR_MEMORY_VS_NAIVE_CD8_TCELL_DN
GSE41867_NAIVE_VS_EFFECTOR_CD8_TCELL_UP
GSE11924_TFH_VS_TH17_CD4_TCELL_UP
Direction
down
up
-1
0
1
NES
More Naïve CD8s
TFH response
TFH signature
SH2D1A
SIRPG
RGS1
SIT1
PVRIG
CD3G
ST8SIA1
MAP9
CD40LG
TCF7
LY9
CD28
Enhances all basic T-cell responses
UBASH3A
ICOS
VILL
CLEC2D
CTLA4
essential immune checkpoint for
T-cell activation
TH2 signature
ADARB1 ALS2 ARHGAP18 ATP5S BCAR3 BSG CAMSAP3 CD99 CDH6 CRTAP CYB5R3 DNAL1 EIF1
ETV5 HES1 HMGN3 HOOK1 HUWE1 IL6ST NDUFAF4 NPRL3 NUP93 PLXNB3 POLR2E
POMT2 PPP1R18 PPP5C PPP6C PPP6R2 PSPH PTGER2 RBMS2 RBMX RCC2 SCAMP2 SH3RF1 SIK3 SLC25A39
SLX4 TARS TDRD7 UAP1L1 USP6NL WDR11 WDR66 WDYHV1
Networks
Co-expression
Physical interactions
Co-localization
Shared protein domains
Predicted
Pathway
Genetic interactions