A
Siglec15 mRNA(log2)
High
Low
IRS
B
Pan−cancer T cell−inflamed score
High
Low
IRS
C
IRS High Low
Expression
PD-L1
CTLA-4
LAG-3
TIM-3
TIGIT
IDO1
CD80
CD86
LAIR1
PVR
CD200
CD276
VTCN1
Inhibitory immune checkpoint
D
IRS
Low IRS
High IRS
Type
IRS
Chemokine
Receptor
MHC
Immunostimulator
IRS
CCL11
CCL21
CXCL12
CXCL1
HLA-DRB1
CCL2
NT5E
HLA-DPA1
IL6
CXCL5
TNFRSF18
TNFSF9
CXCL2
CD86
CCR1
CD70
PVR
TNFSF4
ENTPD1
CCL24
CCL26
CD276
TNFRSF9
CCR8
KLRK1
TNFRSF25
TNFRSF14
CCL15
E
R = 0.25 , p = 8.4e-07
CD8+ T cell
R = 0.31 , p = 5.1e-10
Macrophage
R = 0.27 , p = 3.6e-08
Dendritic cell
IRS
F
IRS High Low
Anti-cancer Immunity
Release.of.cancer.cell.antigens
Cancer.antigen.presentation
Priming.and.activation
T.cell.recruiting
CD8.T.cell.recruiting
Macrophage.recruiting
NK.cell.recruiting
Th1.cell.recruiting
Dendritic.cell.recruiting
Monocyte.recruiting
Neutrophil.recruiting
Eosinophil.recruiting
MDSC.recruiting
Basophil.recruiting
Th17.cell.recruiting
Th22.cell.recruiting
CD4.T.cell.recruiting
B.cell.recruiting
Th2.cell.recruiting
Treg.cell.recruiting
Infiltration.of.immune.cells.into.tumors
Recognition.of.cancer.cells.by.T.cells
Killing.of.cancer.cells
Cancer Immunity Cycle
G
IRS High Low
Enrichment score
IFN-γ-signature
APM_signal
Base_excision_repair
Cell_cycle
DNA_replication
Fanconi_anemia_pathway
Homologous_recombination
MicroRNAs_in_cancer
Mismatch_repair
Nucleotide_excision_repair
Oocyte_meiosis
p53_signaling_pathway
Progesterone_mediated_oocyte_maturation
Proteasome
Pyrimidine_metabolism
Spliceosome
Viral_carcinogenesis
Immunotherapy predicted pathway