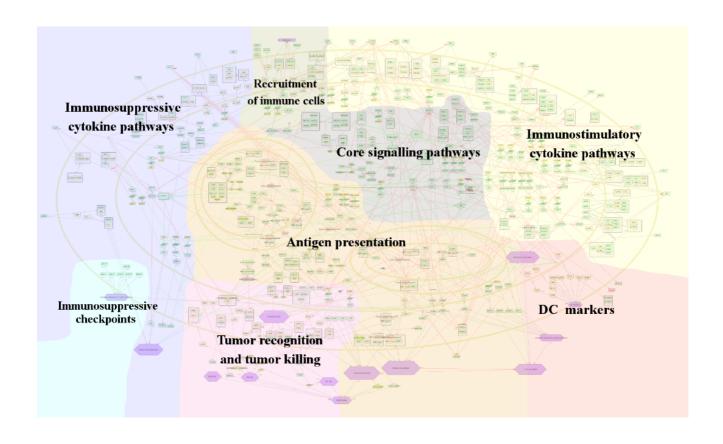


Signalling layer 2

Signalling layer 3

**Functional** 

modules



Α

Markers Danger signal **TUMOR RECOGNITION** pathways NK activating receptors Integrins NK inhibiting **Inducers** receptors Recruitment of Immunoimmune cells Immuno-Fc receptors suppressive stimulatory Immunostimulatory core pathways cytokine Immunosuppressive cytokine pathways core pathways pathways Immunosuppressive MiRNA and TF Immunostimulatory MiRNA and TF Intermediates NO and ROS Cytokines expression Cytokines expression production **IMMUNE IMMUNE TUMOR KILLING STIMULATION** SUPPRESSION Antigen Exocytosis presentation Immunoand phagocytosis **Tumor** growth **Immunostimulatory Effectors** suppressive checkpoints checkpoints **Pro-tumor polarization Anti-tumor polarization** B C INHIBITION RECRUITM TUMOR **OF TUMOR** RECOGNITIO ENT RECOGNITI ON N

**IMMUNE** 

SUPPRESSION

**TUMOR** 

**GROWTH** 

CORE

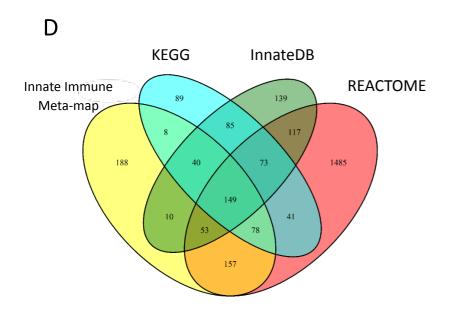
SIGNALING

TUMOR

**KILLIN** 

 $\mathbf{G}$ 

IMMUNE STIMULATION



## Figure

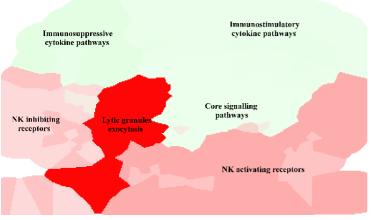
4

Α

NK cell type-specific map: Group 1

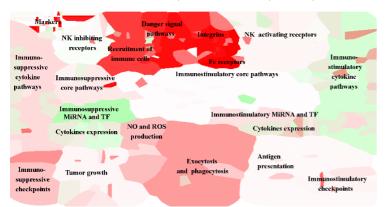
В

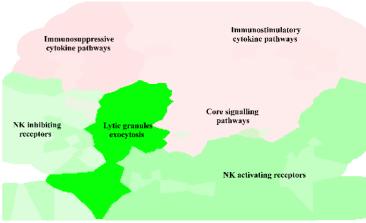
NK cell type-specific map: Group 2



 $\mathsf{C}$ 

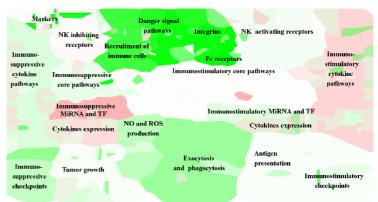
Innate immune response meta-map: Group 1



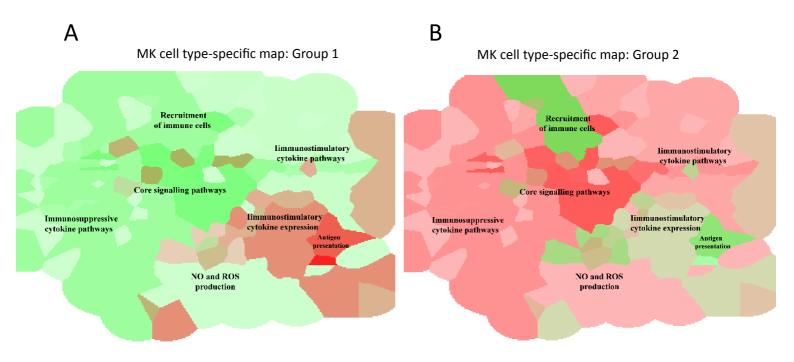


D

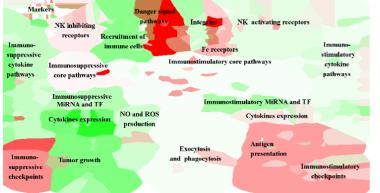
Innate immune response meta-map: Group 2



## Figure 5



Innate immune response meta-map: Group 1



Innate immune response meta-map: Group 2

