AS-e1 IL16 signaling pathway network **Target** Source Source Source **Target** Source B_SM B_Naive B_SM B_Naive B_US B_Plasma B_US B_Plasma CD56bi cMono ydT MAIT_0 CD8 Naive CD8 Naive CD8_Naive CD8_EM_Cyt CD8_EM_Cyt_Act CD8_EM_Act CD8_Naive_Act CD8_EF_Act CD8_EM_Cyt_Act CD8_EM_Act CD8_Naive_Act CD8_EF_Act CD8_EM CD8_TE CD8_EM CD8_TE CD8 Hybrid_mitohi CD8_Hybrid_mitohi CD8_EF CD8_EM_EF_TE_Act CD8_EF CD8_EM_EF_TE_Act CD4 EM Cyt CD4 Naive CM CD4 EF Act CD4 EF Cyt CD4 EF Cyt Act CD4 EF Cyt Act CD4 EF TE Cyt Act CD4 Act CD4 EC Cyt CD4 EC Cyt CD4 EM Act CD4 CM TE Act CD4 CM TE Cyt CD4 CM TC Cyt CD8_CM CD8_EF_Cyt CD8_CM CD8_EF_Cyt 0 D4_EF_IE_U CD4_PE_A CD4_Act CD4_EF_TE_ CD4_TE_A CD4_EM_A CD56dim Act CD56dim Act CD4 Act CD4 EF TE Cyt CD4 FE Act CD4 EM Act CD4 EM TE Act CD4 CM TE Act CD4 CM TE Act CD4 CM TE Cyt Act CD4 CM TE Cyt Act CD4 CM TC Cyt Act CD4 CM TC Cyt Act CD56dim CD56dim cDC2s cDC2s NK T NK T cMono pDCs pDCs NK_Platelets Mye.CD5.CD4.cd16–IL7R-gnly NK Platelets Mye.CD5.CD4.cd16-IL7R-gnly AS-e2 IL16 signaling pathway network **Target** Source Source Source Source **Target** B_SM B_Naive B_SM B_Naive B_US B_Plasma B_US B_Plasma CD56bi cMono ydT MAIT_0 CD8 Naive CD8 Naive CD8_RAIVE CD8_EM_Cyt CD8_EM_Cyt_Act CD8_EM_Act CD8_Naive_Act CD8_EF_Act CD8_EM_Cyt_Act CD8_EM_Act CD8_Naive_Act CD8_EF_Act CD8_EM CD8_TE CD8_EM CD8_TE CD8 Hybrid mitohi CD8_Hybrid_mitohi CD8_EF CD8_EM_EF_TE_Act CD8_EF CD8_EM_EF_TE_Act CD4 EM Cyt CD4 Naive CM CD4 EF Act CD4 EF Cyt CD4 EF Cyt Act CD4 EF Cyt Act CD4 EA Cyt CD4 Act CD4 Act CD4 EA Cyt CD4 EM Act CD4 CM TE Act CD4 CM TE Act CD4 CM TE Cyt CD4 CM TC CD8_CM CD8_EF_Cyt CD8_CM CD8_EF_Cyt 0 CD4 EF TE CO't Act CD4 PE Act CD4 EF ECYt CD4 TE Act CD4 EM Act CD4 EM Act CD4 EM Act CD4 CM TE Act CD4 CM TE CD4 CD4 CM TE Act CD4 CM TE CV1 Act CD4 CM TE CV1 Act CD4 CM Act CD4 CM Act CD56dim Act CD56dim Act CD56dim CD56dim cDC2s cDC2s NK T NK T cMono pDCs cMono pDCs NK_Platelets Mye.CD5.CD4.cd16-IL7R-gnly NK Platelets Mye.CD5.CD4.cd16-IL7R-gnly AD-e1 IL16 signaling pathway network Source **Target** Source Source **Target** Source B_SM B_Naive B_SM B_Naive B_US B_Plasma B_US B_Plasma MAIT CD8 Naive CD8 Naive CD8_Naive CD8_EM_Cyt CD8_EM_Cyt_Act CD8_EM_Act CD8_Naive_Act CD8_EF_Act CD8_EM_Cyt_Act CD8_EM_Act CD8_Naive_Act CD8_EF_Act CD8_EM CD8_TE CD8_EM CD8_TE CD8 Hybrid mitohi CD8 Hybrid mitohi CD4_EM_Act CD4_EM_Act CD4_EM_Act CD4_EF_ECyt D4_EF_TE_Cyt CD4_PE_Act CD4_PE_Act CD4_EE_M_Act CD4_EE_M_Act CD4_EE_M_Act CD4_EE_M_Act CD4_EE_M_Act CD4_EM_Act CD4_EM_Cyt CD4_Naive_CM CD4_EF_Act CD4_EF_Cyt CD4_EF_Cyt Act CD4_EF_ECyt Act CD4_FE_Act CD4_EF_TE_Cyt CD4_EF_Act CD4_EF_Act CD4_EM_Act CD4_EM_Act CD4_EM_Act CD4_EM_Ct CD4_CM_TE CD4_CM_TE CD4_CM_TE CD4_CM_Act CD4_CM_TE CD4_CM_Act CD4_CM_Act CD4_CM_Act CD4_CM_Act CD4_CM_Act CD4_Naive_CM_Act 00000000 CD8_EM_EF_TE_Act CD8_CM CD8_EF_Cyt CD8_EM_EF_TE_Act CD8_CM CD8_EF_Cyt 0 CD56dim Act CD56dim Act CD4 Act CD4 EF TE Cyt CD4 TE Act CD4 EM Act CD4 EM Act CD4 EM TE Act CD4 CM TE Act CD4 CM TE Cyt Act CD4 CM TE Cyt Act CD4 CM TE Cyt Act CD4 CM TC Cyt Act CD4 CM TC Cyt Act CD56dim CD56dim cDC2s cDC2s NK T NK T cMono pDCs pDCs NK Platelets NK Platelets Mye.CD5.CD4.cd16-IL7R-gnly Mye.CD5.CD4.cd16-IL7R-gnly AD-e2 IL16 signaling pathway network **Target** Source Source Source **Target** Source ncMono cDC1s iMono CD56bright cMono_Act ydT MAIT_CD8 Others_NKT Others_CD4 DP DN Others_Platelets Others_CD8 ncMono cDC1s iMono CD56bright cMono_Act VdT MAIT_CD8 Others_NKT Others_CD4 DP DN Others_Platelets Others_CD8 B_SM B_Naive B_SM B_Naive B_US B_Plasma B_US B_Plasma CD8 Naive CD8 Naive CD8_Naive CD8_EM_Cyt CD8_EM_Cyt_Act CD8_EM_Act CD8_Naive_Act CD8_EF_Act CD8_EM_Cyt CD8_EM_Cyt_Act CD8_EM_Act CD8_Naive_Act CD8_EF_Act Others Platelets Others CD8 ydT NK MAIT DN CD4 Naive CD4 Naive CD4 Maive CM CD4 EF Act CD4 EF Act CD4 EF TE Cyt Act CD4 EF TE Cyt Act CD4 EF TE Cyt CD4 TE Act CD4 EF TE Cyt CD4 TE Act CD4 EF TE Cyt CD4 TE Act CD4 EM Act CD4 CM TE Act CD4 CM TE CD4 CM Act Others_Platelets Others_CD8 Others_CD8 yd1_NK MAIT_DN CD4_Naive CD4_EM_Cyt CD4_EM_Cyt CD4_EF_Act CD4_EF_Cyt CD4_EF_TE_Cyt_Act CD4_EF_TE_Cyt_Act CD4_EF_Act CD4_EF_Act CD4_EF_Act CD4_EF_Act CD4_EF_Act CD4_EF_Act CD4_EM_Act CD4_EM_Act CD4_CM_TE_Cyt_Act CD4_CM_TE_CYt_Act CD4_CM_TE_CYt_Act CD4_CM_TE_CYt_Act CD4_CM_TE_CYt_Act CD4_CM_TE_CYt_Act CD4_CM_TE_CYt_Act CD4_Naive_CM_Act CD8_EM CD8_TE CD8_EM CD8_TE CD8 Hybrid_mitohi CD8_Hybrid_mitohi CD8_EF CD8_EM_EF_TE_Act CD8_EF CD8_EM_EF_TE_Act CD8_CM CD8_EF_Cyt CD8_CM CD8_EF_Cyt 0 CD56dim Act CD56dim Act CD56dim cDC2s NK_T CD56dim cDC2s NK_T cMono pDCs pDCs NK Platelets NK Platelets Mye.CD5.CD4.cd16-IL7R-gnly Mye.CD5.CD4.cd16-IL7R-gnly DI-e1 IL16 signaling pathway network **Target** Source Source Source **Target** Source ncMono cDC1s iMono CD56bright cMono_Act ydT MAIT_CD8 Others_NKT Others_CD4 DP DN Others_Platelets Others_CD8 ncMono cDC1s iMono CD56bright cMono_Act VdT MAIT_CD8 Others_NKT Others_CD4 DP DN Others_Platelets Others_CD8 B_SM B_Naive B_SM B_Naive B_US B_Plasma B_US B_Plasma CD8 Naive CD8 Naive CD8_Naive CD8_EM_Cyt CD8_EM_Cyt_Act CD8_EM_Act CD8_Naive_Act CD8_EF_Act CD8_EM_Cyt CD8_EM_Cyt_Act CD8_EM_Act CD8_Naive_Act CD8_EF_Act Others CD8 Others CD8 ydT NK MAIT DN CD4_Naive CD4_CM CD4_EM Cyt CD4_EM Cyt CD4_EF Act CD4_EF Cyt CD4_EF TE_Cyt Act CD4_EF TE_Cyt CD4_EF TE_Cyt CD4_EF TE_Cyt CD4_EF TE_Cyt CD4_EM CD4_EF TE_Cyt CD4_EM CD4_EF TE_Cyt CD4_EM CD4_EM CD4_EM CD4_EM CD4_EM CD4_EM CD4_CM TE CD4_CD4_CM TE CD4_CM TE CD4_CM TE CD4_Naive_CM_Act Others_Platelets Others_CD8 ydT_NK MAIT_DN CD4_Naive CD4_EM_Cyt CD4_EM_Cyt CD4_EF_Act CD4_EF_Cyt CD4_EF_Cyt CD4_EF_E_Cyt_Act CD4_EF_E_Cyt_Act CD4_EF_E_Cyt_Act CD4_EF_E_Cyt_Act CD4_EF_Act CD4_EF_Act CD4_EM_Act CD4_EM_Act CD4_EM_Act CD4_EM_Act CD4_EM_Act CD4_CM_TE_Act CD4_CM_TE_CC4_CD4_CM_TE CD4_CM_TE_CC4_CD4_CM_TE CD4_CM_TE_CV4_Act CD4_Naive_CM_Act CD8_EM CD8_TE CD8_EM CD8_TE CD8 Hybrid_mitohi CD8_Hybrid_mitohi CD8_EF CD8_EM_EF_TE_Act CD8_EF CD8_EM_EF_TE_Act CD8_CM CD8_EF_Cyt CD8_CM CD8_EF_Cyt CD56dim Act CD56dim Act CD56dim CD56dim cDC2s NK_T cDC2s NK_T cMono pDCs pDCs NK Platelets NK Platelets Mye.CD5.CD4.cd16-IL7R-gnly Mye.CD5.CD4.cd16-IL7R-gnly DI-e2 IL16 signaling pathway network **Target** Source Source Source Source **Target** ncMono cDC1s iMono CD56bright cMono_Act ydT MAIT_CD8 Others_NKT Others_CD4 DP DN Others_Platelets Others_CD8 ncMono cDC1s iMono CD56bright cMono_Act VdT MAIT_CD8 Others_NKT Others_CD4 DP DN Others_Platelets Others_CD8 B_SM B_Naive B_SM B_Naive B_US B_Plasma B_US B_Plasma CD8 Naive CD8 Naive CD8_Naive CD8_EM_Cyt CD8_EM_Cyt_Act CD8_EM_Act CD8_Naive_Act CD8_EF_Act CD8_EM_Cyt CD8_EM_Cyt_Act CD8_EM_Act CD8_Naive_Act CD8_EF_Act Others Platelets Others CD8 ydT NK MAIT DN CD4 Naive CD4 CM CD4 EM Cyt CD4 EF Act CD4 EF Cyt CD4 EF Cyt CD4 EF Cyt CD4 EF Cyt CD4 EF TE Cyt CD4 TE Act CD4 EM CD4 ET TE Cyt CD4 EM CD4 EM CD4 EM CD4 EM CD4 EM CD4 CM TE Act CD4 CM TE C Others CD8 Others CD8 ydT NK MAIT DN CD4_Naive CD4_CM CD4_EM Cyt CD4_EM Cyt CD4_EF Act CD4_EF Cyt CD4_EF TE_Cyt Act CD4_EF TE_Cyt CD4_EF TE_Cyt CD4_EF TE_Cyt CD4_EF TE_Cyt CD4_EM CD4_EF TE_Cyt CD4_EM CD4_EF TE_Cyt CD4_EM CD4_EM CD4_EM CD4_EM CD4_EM CD4_EM CD4_CM TE CD4_CD4_CM TE CD4_CM TE CD4_CM TE CD4_Naive_CM_Act CD8_EM CD8_TE CD8_EM CD8_TE CD8 Hybrid_mitohi CD8_Hybrid_mitohi CD8_Hybrid_mitoni CD8_EF CD8_EM_EF_TE_Act CD8_CM CD8_EF_Cyt CD8_EF CD8_EM_EF_TE_Act CD8_CM CD8_EF_Cyt 0 • CD56dim Act CD56dim Act CD56dim CD56dim cDC2s cDC2s NK_T NK T cMono pDCs pDCs NK_Platelets Mye.CD5.CD4.cd16–IL7R–gnly NK Platelets Mye.CD5.CD4.cd16-IL7R-gn TS-e1 IL16 signaling pathway network **Target** Source Source Source **Target** Source ncMono cDC1s iMono CD56bright cMono_Act VdT MAIT_CD8 Others_NKT Others_CD4 DP DN Others_Platelets Others_CD8 ncMono cDC1s iMono CD56bright cMono_Act ydT MAIT_CD8 B_SM B_Naive B_SM B_Naive B_US B_Plasma B_US B_Plasma CD8 Naive CD8 Naive CD8_RAIVE CD8_EM_Cyt CD8_EM_Cyt_Act CD8_EM_Act CD8_Naive_Act CD8_EF_Act CD8_EM_Cyt_Act Others_NKT Others_CD4 DP DN Others_Platelets CD8_EM_Act CD8_Naive_Act CD8_EF_Act CD8_EM CD8_TE CD8_EM CD8_TE CD8 Hybrid_mitohi CD8 Hybrid_mitohi CD8_EF CD8_EM_EF_TE_Act CD8_EF CD8_EM_EF_TE_Act CD8_CM CD8_EF_Cyt CD8_CM CD8_EF_Cyt 0 CD56dim Act CD56dim Act CD56dim CD56dim cDC2s cDC2s NK T NK T



