AS-e1 PARs signaling pathway network **Target** Source Source Source Source **Target** 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 Others NKT B_SM B_Naive 000 B_SM B_Naive B_US B_Plasma B_US B_Plasma CD8 Naive CD8 Naive CD8_EM_Cyt_Act CD8_EM_Cyt CD8_EM_Cyt_Act Others_NKT Others_CD4 DP DN Others_Platelets CD8_EM_Act CD8_Naive_Act CD8_EF_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 CTA CD4_CM TE CD4_CM TE CD4_CM TE CD4_Naive_CM_Act CD4_Naive_CM_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 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_CM CD8_ECT CD8_EF CD8_EM_EF_TE_Act CD8_CM CD8_EF_Cyt 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-gnly AS-e2 PARs signaling pathway network Source Source **Target** Source Source **Target** ncMono cDC1s iMono CD56bright cMono_Act ydT MAIT_CD8 Others NKT 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 yd I MAIT_CD8 Others_NKT Others_CD4 DP DN Others_Platelets CD8_EM_Cyt CD8_EM_Cyt_Act CD8_EM_Cyt CD8_EM_Cyt_Act Others_NKT Others_CD4 DP DN Others_Platelets CD8_EM_Act CD8_Naive_Act CD8_EF_Act CD8_EM_Act CD8_Naive_Act CD8_EF_Act DN 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 TE Act 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_Initionic CD8_EF CD8_EM_EF_TE_Act CD8_CM CD8_EF_Cyt CD8_EF CD8_EM_EF_TE_Act CD8_CM CD8_EF_Cyt CD56dim Act CD56dim 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-e1 PARs signaling pathway network Source Source larget Source **Target** Source ncMono cDC1s iMono CD56bright cMono_Act yd7 MAIT_CD8 Others_NKT Others_CD4 DP DN Others_Platelets Others_CD8 ncMono cDC1s iMono CD56bright cMono_Act yd7 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_EM_Cyt_Act CD8_EM_Cyt CD8_EM_Cyt_Act CD8_EM_Act CD8_Naive_Act CD8_EF_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_Naive CM 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 Act CD4_EM TE CD4_EM Act CD4_EM Act CD4_EM Act CD4_EM Act CD4_EM Act CD4_EM Act CD4_CM TE CD4_CM TE CD4_CM TE CD4_CM TE CD4_Naive_CM_Act Others_CD8 ydT_NK MAIT_DN CD4_Naive CD8_EM CD8_TE CD8_EM CD8_TE MATI DIVIDITION OF THE PROPERTY OF THE PROPERT CD8 Hybrid mitohi CD8 Hybrid mitohi CD8_EF CD8_EM_EF_TE_Act CD8_CM CD8_EF_Cyt 00000000000 CD8_EM_EF_TE_Act CD8_CM CD8_EF_Cyt CD56dim Act Ø CD56dim 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 PARs signaling pathway network Source Source **Target** Source **Target** Source ncMono cDC1s iMono CD56bright cMono Act ydT MAIT_CD8 Others_NKT Others_CD4 DP DN Others_Platelets Others_CD8 ydT_NK MAIT_DN CD4_Naive CD4_CM CD4_EF_Act CD4_EF_Act CD4_EF_ECyt CD4_EF_ECyt CD4_EF_ECyt CD4_EF_ECt CD4_EM_Act CD4_EM_Act CD4_CM_TE_CT CD4_CM_TE_CT CD4_CM_TE_CT CD4_CM_TE_CT CD4_CM_TE_CT CD4_CM_TE_CT CD4_CM_CT CD4_CM_TE_CT CD4_CM_CT 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_EM_Cyt_Act CD8_EM_Cyt CD8_EM_Cyt_Act CD8_EM_Act CD8_Naive_Act CD8_EF_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 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 cDC2s CD56dim cDC2s NK T NK T cMono pDCs pDCs NK Platelets NK Platelets Mye.CD5.CD4.cd16-IL7R-gnly Mye.CD5.CD4.cd16-IL7R-gnly DI-e1 PARs signaling pathway network Source larget 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 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_EM_Cyt_Act CD8_EM_Cyt CD8_EM_Cyt_Act CD8_EM_Act CD8_Naive_Act CD8_EF_Act CD8_EM_Act CD8_Naive_Act CD8_EF_Act DN Others Platelets Others CD8 VdT NK MAIT DN CD4 Naive CD4 CM CD4 EM Cvt CD4 EM Cvt CD4 EF Cvt CD4 EM Cvt CD4 EM Cvt CD4 CM TE Act CD4 CM TE Act CD4 CM TE Cvt CD4 CM TE CD4 CM TE CD4 CM TE CD4 CVt CD4 Naive CM 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 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 cDC2s NK T NK T 80000 cMono pDCs pDCs NK Platelets NK Platelets Mye.CD5.CD4.cd16-IL7R-gnly Mye.CD5.CD4.cd16-IL7R-gnly DI-e2 PARs 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_EM_Cyt_Act CD8_EM_Cyt_Act CD8_EM_Act CD8_Naive_Act CD8_EF_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 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 CD56dim Act CD56dim 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 TS-e1 PARs signaling pathway network Source Source Source **Target** Source **Target** ncMono cDC1s iMono CD56bright cMono_Act ydT MAIT_CD8 Others NKT 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 yd I MAIT_CD8 Others_NKT Others_CD4 DP DN Others_Platelets CD8_EM_Cyt_Act CD8_EM_Cyt_Act Others_NKT Others_CD4 DP DN Others_Platelets CD8_EM_Act CD8_Naive_Act CD8_EF_Act CD8_EM_Act CD8_Naive_Act CD8_EF_Act CD8_EM CD8_TE CD8_EM CD8_TE CD8_Hybrid_mitohi CD8_Hybrid_mitohi



