AS-e1 BAFF signaling pathway network **Target** Source Source Source Source **Target** ncMono cDC1s iMono CD56brig cMono_A ydT MAIT_CE Others_N 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_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_EM CD8_ECM 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 Cyt CD4 CM TE CD4 CM TC Cyt CD4 CM TC CD8_CM CD8_EF_Cyt 0 DALEF TE CYL Act CD4 PE Act CD4 FT E Cyt CD4 TE Act CD4 EM Act CD4 EM Act CD4 CM TE Act CD4 CM ACT CD4 CM Act CD4 CM Act CD4 CM Act 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 BAFF signaling pathway network Source **Target** Source Source **Target** Source ncMono cDC1s iMono CD56brig cMono_A ydT MAIT_CE ncMono cDC1s iMono CD56bric cMono_A ydT MAIT_CI 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_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_EM CD8_ECM 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 Cyt CD4 CM TE CD4 CM TC Cyt CD4 CM TC CM T CD8_CM CD8_EF_Cyt 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 ě 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 AD-e1 BAFF signaling pathway network Source Source Source larget Source **Target** 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 __Cyt __ive_CM __EF_ACV __4_EF_Cyt __EF_TE_Cyt_Act __D4_PE_Act __CD4_Act __EF_TE__C __4_TE__A CD4_EM_Cyt CD4_Naive_CM CD4_EF_Act CD4_EF_Cyt Act CD4_PE_Act CD4_Act CD4_EF_E_Cyt CD4_EF_Act CD4_EF_Act CD4_EF_Act CD4_EF_Act CD4_EM_Act CD4_EM_Act CD4_EM_Act CD4_EM_Act CD8_EF 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 FE Act CD4 EM Act CD4 EM Act CD4 EM TE Act CD4 CM TE Act CD4 CM TE Cyt Act CD4 Naive CM 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 pDCs pDCs NK Platelets NK Platelets Mye.CD5.CD4.cd16-IL7R-gnly Mye.CD5.CD4.cd16-IL7R-gnly AD-e2 BAFF signaling pathway network **Target** Source **Target** Source Source Source 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 Others_NK1 Others_CD4 DP DN Others_Platelets CD8_EM_Act CD8_Naive_Act CD8_EF_Act Others_CD8 ydT_NK MAIT_DN CD4_Naive 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 Cyt CD4 CM TE CD4 CM TC Cyt CD4 CM TC CD8_CM CD8_EF_Cyt CD8_CM CD8_EF_Cyt CD4 EF TE CO't Act CD4 PE Act CD4 EF ECYt CD4 EM Act CD4 EM Act CD4 EM Act CD4 EM Act CD4 CM TE Act CD4 CM TE CD4 CD4 CM TE CD4 CD4 CM TE CV1 Act CD4 CM TE CV1 Act CD4 CM Act CD4 CM Act 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 BAFF signaling pathway network Source **Target** Source Source **Target** Source ncMono cDC1s iMono CD56bright cMono_VT 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_Naive CD8_EM_Cyt CD8_EM_Cyt_Act CD8_EM_Act CD8_Naive_Act CD8_EF_Act CD8_EM_Cyt CD8_EM_Cyt_Act Others_CD4 DP DN Others_Platelets CD8_EM_Act CD8_Naive_Act CD8_EF_Act Others_CD8 ydT_NK MAIT_DN CD4_Naive 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 Cyt CD4 CM TE CD4 CM TC Cyt CD4 CM TC CM T CD8_CM CD8_EF_Cyt CD8_CM CD8_EF_Cyt 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 pDCs NK Platelets NK Platelets Mye.CD5.CD4.cd16-IL7R-gnly Mye.CD5.CD4.cd16-IL7R-gnly DI-e2 BAFF 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 CD56br cMono_ ydT MAIT_C 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 D4 4 EM LV. 1 Naive CM 24 EF Act D4 EF Cyt EF TE CYT. 204 PE Act CD4 Act CD4 TE C CD4 TE Act CD4 EM Ac CD4 EM Ac CD4 EM CD8_Hybrid_mitohi CD8_EF CD8_EM_EF_TE_Act CD8_EM CD8_ECM CD8_EF CD8_EM_EF_TE_Act 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 CD4 Act Cyt CD4 EF Cyt CD4 EF Act CD4 EM Act CD4 EM Act CD4 EM Act CD4 CM TE Act CD4 CM TE CD4 CM TE CD4 CM TC Cyt Act CD4 CM TC 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 TS-e1 BAFF signaling pathway network Source Source Source **Target** Source **Target** ncMono cDC1s iMono CD56bright cMono_Act ydT MAIT_CD8 ncMono cDC1s iMono CD56bric cMono_A ydT MAIT_CI 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_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_EM CD8_ECM 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 Cyt CD4 CM TC Cyt CD8_CM CD8_EF_Cyt CD4_EF_Cyt CD4_EF_TE_Cyt_Act CD4_PE_Act CD4_EF_TE_Cyt CD4_EF_Act CD4_EM_Act CD4_EM_Act CD4_EM_EC CD4_CM_TE_Act CD4_CM_TE_Cyt_Act CD4_CM_Cyt_Act CD4_Naive_CM_Act CD56dim Act ě 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-e2 BAFF signaling pathway network Source larget Source Source **Target** Source B_SM B_Naive B_SM B_Naive B_US B_Plasma B_US B_Plasma B_Pta... CD8_Naive CD8_EM_Cyt CD8_EM_Cyt_Act CD8_EM_Act 'sive_Act MAIT CD8 Naive CD8_EM_Cyt_Act

CD8_EM_Act CD8_Naive_Act CD8_EF_Act

CD8_EM CD8_TE

CD8 Hybrid mitohi

CD8_EF CD8_EM_EF_TE_Act

CD8_CM CD8_EF_Cyt

CD56dim Act

CD56dim

cDC2s NK T

cMono pDCs

NK Platelets

Mye.CD5.CD4.cd16-IL7R-gnly

0

CD4_Naive
CD4_EM_Cyt
CD4_EM_Cyt
CD4_EF_Act
CD4_EF_Cyt
CD4_EF_Cyt
CD4_EF_Cyt
CD4_EF_Act
CD4_EF_Act
CD4_EF_Act
CD4_EF_Act
CD4_EF_Act
CD4_EM_Act
CD4_EM_Act
CD4_EM_Act
CD4_EM_Act
CD4_CM_TE_Act
CD4_CM_TE_CD4_CM_TE
CD4_CM_TE_CD4_CM_CD4_CM_TE
CD4_CM_TE_CD4_Act
CD4_CM_TE_CYt_Act
CD4_Naive_CM_Act

00000000000

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 TE
CD4 CM TE CD4 CM TE
CD4 CM TE CD4 CM TE
CD4 CM TE
CD4 CM TE
CD4 CM Act

CD8_EM_Act CD8_Naive_Act CD8_EF_Act

CD8_EM CD8_TE

CD8 Hybrid mitohi

CD8_EF CD8_EF_TE_Act

CD8_CM CD8_EF_Cyt

CD56dim Act

CD56dim

cDC2s NK_T

cMono pDCs

NK Platelets

Mye.CD5.CD4.cd16-IL7R-gnly

•