## AS-e1 THBS 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 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 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\_Hybrid\_Initionic CD8\_EF CD8\_EM\_EF\_TE\_Act CD8\_CM CD8\_EF\_Cyt CD56dim Act CD56dim Act CD4 Act Cyt CD4 EF Cyt CD4 EF Act CD4 EM Act CD4 EM Act CD4 EM Te CD4 CM TE CD4 CM TE CD4 CM TE CD4 CM TC CM 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 THBS 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 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 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\_Hybrid\_Initionic CD8\_EF CD8\_EM\_EF\_TE\_Act CD8\_CM CD8\_EF\_Cyt CD56dim Act CD56dim Act CD4 Act CD4 EF E Cyt CD4 EF Act CD4 EM Act CD4 EM 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 CD4 CM TC Cyt Act CD4\_Act CD4\_EF\_TE\_ CD4\_TE\_A CD4\_EM\_A CD4 Act CD4 EF TE Cyt CD4 TE Act CD4 EM Act CD4 EM CD4 EM Act CD4 CM TE CD4 CM TE CD4 CM TE CD4 CM TC CD4 CY CD4 CY CD4 CY CD4 CY CD4 CAC 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 THBS signaling pathway network Source Source Source **Target** Source **Target** 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 CD8\_EM CD8\_TE CD8\_EM CD8\_TE CD8 Hybrid mitohi CD8 Hybrid mitohi 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 TE Act CD4 EM Act CD4 EM 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 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 THBS signaling pathway network **Target Target** Source Source Source Source B\_SM B\_Naive B\_SM B\_Naive B\_US B\_Plasma B\_US B\_Plasma iMono CD56bright cMono\_Act ydT MAIT\_CD8 Others\_NKT Others\_CD4 DP DN Others\_Platelets Others\_CD8 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 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 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 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 THBS signaling pathway network **Target** Source Source Source **Target** Source ncMono cDC1s iMono CD56bright cMono\_Act yd7 MAIT\_CD8 Others\_NKT Others\_CD4 DP DN Others\_Platelets Others\_CD8 B\_SM B\_Naive ncMono cDC1s iMono CD56bright cMono\_Act ydT MAIT\_CD8 Others\_NK1 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 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\_Cyt CD4\_EF\_Cyt Act CD4\_EF\_Cyt.Act CD4\_PE\_Act CD4\_EF\_E\_Cyt.CD4\_EF\_E\_Cyt.CD4\_EF\_E\_Cyt.CD4\_EM\_Act CD4\_EM\_CD4\_EM\_Act CD4\_EM\_CCD4\_EM\_CCD4\_EM\_CTE\_ACT CD4\_CM\_TE\_Act CD4\_CM\_TE\_Act CD4\_CM\_TE\_Act CD4\_CM\_TE\_Cyt.Act CD4\_CM\_TC\_Yt.Act CD4\_Naive\_CM\_Act CD8\_CM CD8\_EF\_Cyt CD4\_PE\_Act CD4\_Act CD4\_ED4\_Act CD4\_TE\_Act CD4\_EM\_Act CD4\_EM\_Act CD4\_EM\_Act CD4\_CM\_TE\_Act CD4\_CM\_TE\_CD4\_CM\_TE CD4\_CM\_TE\_CD4\_Act CD4\_CM\_TC\_VL\_Act CD4\_Naive\_CM\_Act CD56dim Act CD56dim Act CD56dim CD56dim cDC2s NK\_T cDC2s NK\_T cMono pDCs pDCs NK\_Platelets Mye.CD5.CD4.cd16-IL7R-gnly NK Platelets Mye.CD5.CD4.cd16-IL7R-gnly DI-e2 THBS 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 iMono CD56bright cMono\_Act ydT MAIT\_CD8 Others\_NKT Others\_CD4 DP DN Others\_Platelets Others\_CD8 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 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 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 THBS 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\_( 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 CD8\_CM CD8\_EF\_Cyt 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 Mye.CD5.CD4.cd16-IL7R-gnly NK Platelets Mye.CD5.CD4.cd16-IL7R-gnly TS-e2 THBS 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 CD8 Naive CD8 Naive MAIT 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 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

CD4\_Indive
CD4\_CM
CD4\_EM\_Cyt
CD4\_Naive\_CM
CD4\_EF\_Cyt
CD4\_EF\_Cyt\_Act
CD4\_EF\_Cyt\_Act
CD4\_EF\_Cyt\_Act
CD4\_EF\_ECyt\_CD4\_ET\_Act
CD4\_EM\_Act
CD4\_EM\_Act
CD4\_EM\_Act
CD4\_EM\_Act
CD4\_EM\_Act
CD4\_CM\_TE\_Act
CD4\_CM\_TE\_CYt\_Act
CD4\_CM\_TE\_CYt\_Act
CD4\_CM\_TE\_CYt\_Act
CD4\_Naive\_CM\_Act

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

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

•