## AS-e1 IFN-II 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 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 Others\_Platelets Others\_CD8 ydT\_NK MAIT\_DN CD4\_Naive CD4\_EM\_Cyt CD4\_Naive CM CD4\_EF\_Cyt CD4\_EF\_Cyt CD4\_EF\_Act CD4\_EF\_Cyt Act CD4\_EF\_ECyt CD4\_EF\_Act CD4\_EF\_ECyt CD4\_EF\_Act CD4\_EF\_Act CD4\_EF\_TE\_Cyt CD4\_EM\_Act CD4\_EM\_Act CD4\_EM\_Act CD4\_EM\_Act CD4\_EM\_Act CD4\_EM\_Act CD4\_CM\_TE\_Act CD4\_CM\_TE\_Act CD4\_CM\_TE\_CYL\_Act CD4\_CM\_TE\_CYL\_Act CD4\_CM\_TE\_CYL\_Act 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\_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 cMono pDCs NK\_Platelets Mye.CD5.CD4.cd16–IL7R-gnly NK Platelets Mye.CD5.CD4.cd16-IL7R-gnly AS-e2 IFN-II signaling pathway network Source **Target** Source Source **Target** Source B\_SM B\_Naive B\_SM B\_Naive B\_US B\_Plasma iMono CD56bright cMono\_Act ydT MAIT\_CD8 Others\_NKT Others\_CD4 DP DN Others\_Platelets Others\_CD8 B\_US B\_Plasma CD56br cMono\_ ydT MAIT\_C B\_Proc. 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B\_US B\_Plasma

CD8 Naive

CD8\_EM\_Cyt
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

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CD4\_Native
CD4\_CM
CD4\_EM\_Cyt
CD4\_Native\_CM
CD4\_EF\_Cyt
CD4\_EF\_Cyt
CD4\_EF\_Cyt\_Act
CD4\_PE\_Act
CD4\_EF\_Cyt\_Act
CD4\_EF\_Act
CD4\_EM\_Act
CD4\_EM\_Act
CD4\_EM\_Act
CD4\_EM\_Act
CD4\_CM\_TE\_Act
CD4\_CM\_TE\_CYt\_Act
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MAIT

Others Platelets
Others CD8
ydT NK
MAIT DN
CD4 Naive
CD4 Naive
CD4 Maive CM
CD4 EF Act
CD4 EF Act
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CD4 EF TE Cyt CD4 TE Act
CD4 EF TE Cyt CD4 TE Act
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CD4 CM TE CD4 CM TE
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B\_US B\_Plasma

CD8 Naive

CD8\_EM\_Cyt CD8\_EM\_Cyt\_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

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cMono pDCs

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Mye.CD5.CD4.cd16-IL7R-gnly

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