Marker expression audit across cluster solutions (cluster IDs are not cell-type truth)

res=0.3 (k=6)

res=0.6 (k=6)

res=1.2 (k=9)

res=2.0 (k=19)

cluster

marker gene

CD3D CD3E IL7R MS4A1 CD79A LYZ S100A8 NKG7 GNLY FCER1A PPBP

mean log-normalized expression, z-score across clusters

2.0 1.5 1.0 0.5 0.0 −0.5 −1.0 −1.5 −2.0

cells expressing (%)

10% 30% 60% 90%