All cells: Selected pseudotime-associated genes  $^{3}$  tissue Blood stage CD161 Thymus 2 CD4 slingPseudotime\_1 S1 (CD4+/CD161-) CCL5 S2 (CD4-/CD161-) SNORD3B-2 S3 (CD4-/CD161+) SNORD3A Unknown MTND1P23 CD161 KLRB1 GZMK NKG7 SYNE2 <sup>-2</sup>CD4 GZMA S100A4 S100A6 -3 AHNAK CST7 slingPseudotime\_1 **GNLY** 20 B2M KLRD1 HLA-E HLA-B HLA-C HLA-A HLA-J IL7R LTB FYB1 TCF7 BCL11B H3F3A H3F3AP6 H3F3AP4 LEF1 SOX4 STMN1 GAPDHP65 IKZF2 RTKN2 ID3 MALAT1 EFHD2 FGFBP2 CD1A AL391069.2 LINC00526 UHRF1 PKMYT1 NCAPH ACTN1 CASC15 TOX2 CCR9

SMPD3