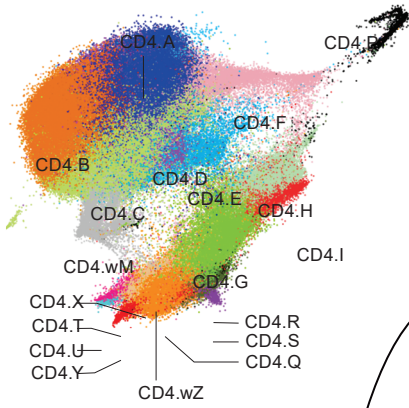


CD4 Gating Strategy

CD4.wN



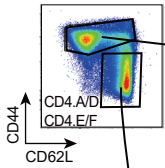
Pre-gating markers:

TCR β , CD4, CD8 α , FoxP3

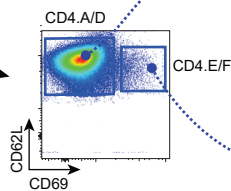
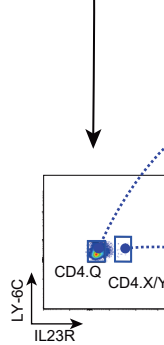
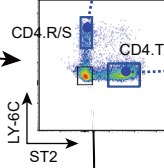
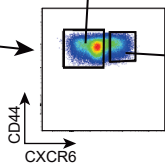
Markers:

CD62L, CD44, CD69, CXCR5, PD1, CD49b, KLRG1, FR4, CXCR6, KLRG1, Ly6C, ST2, IL23R

Gated on TCR β ⁺, CD4⁺, CD8 α ⁻, FoxP3⁻



gated on TCR β ⁺CD4⁺CD8 α ⁻FoxP3⁻



CD4.G

CXCR5⁻ PD1⁻ FR4^{hi} CD73^{hi} CD62L⁻ CD44⁺ CXCR6⁻
CD62L⁺CD44⁺ map here too

CD4.H

CXCR5^{hi} PD1^{hi} CD62L⁻ CD44⁺ CXCR6⁻

CD4.I

CXCR5⁻ PD1^{hi} CD62L⁻ CD44⁺ CXCR6⁻

CD4.R/S

LY6C⁺ KLRG1⁺
CD62L⁻ CD44⁺ CXCR6⁺

CD4.T/U

KLRG1⁺ ST2⁺
CD62L⁻ CD44⁺ CXCR6⁺

CD4.Q

IL1RL1⁻ LY6C⁻ IL23R⁻ CD62L⁻ CD44⁺ CXCR6⁺
KLRG1⁻

CD4.X/Y

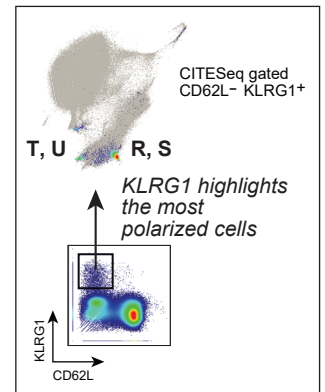
IL-23R⁺ CD62L⁻ CD44⁺ CXCR6⁺

CD4.A/D

CD62L⁺ CD44⁻ CD69⁻

CD4.E/F

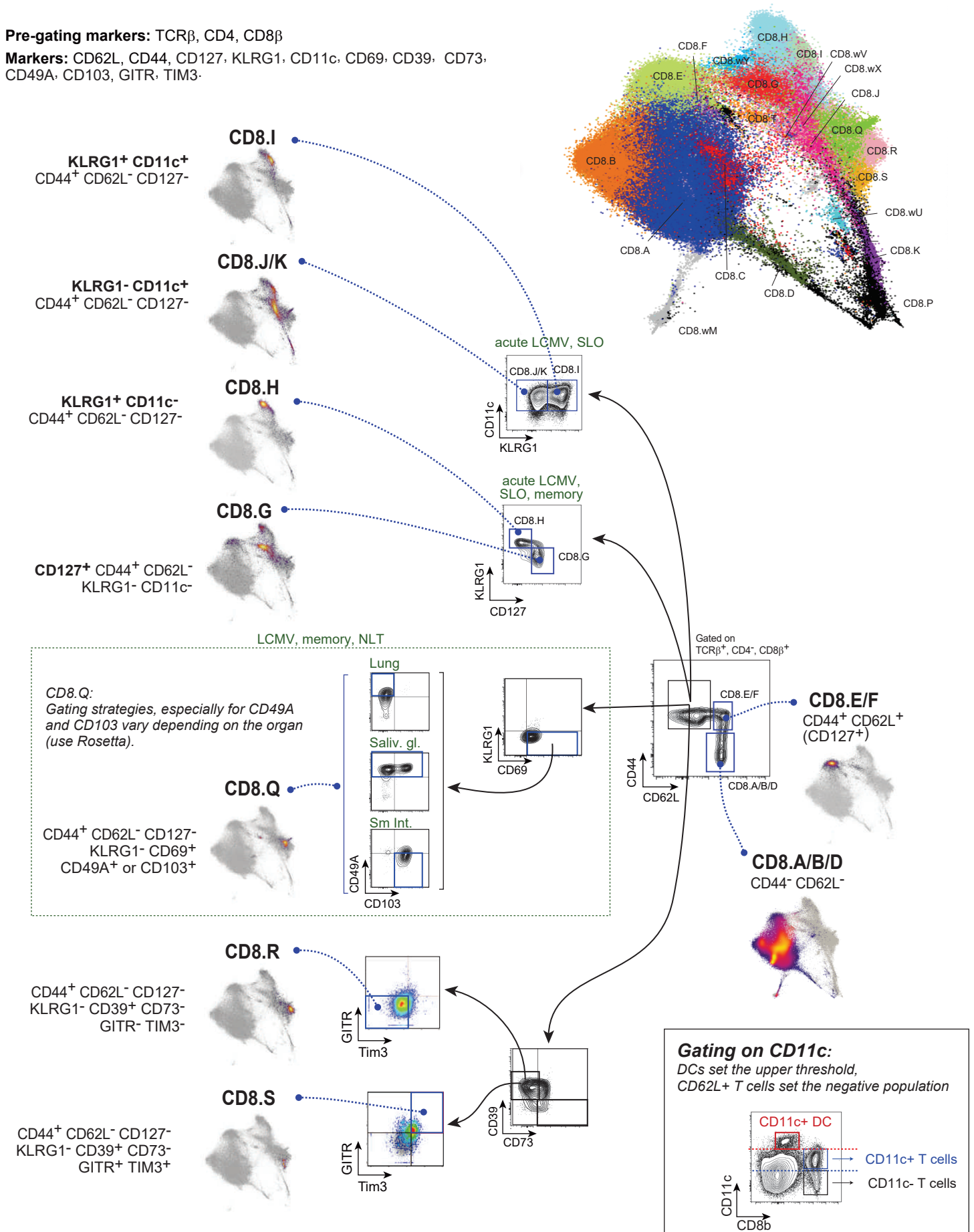
CD62L⁺ CD44⁻ CD69⁺



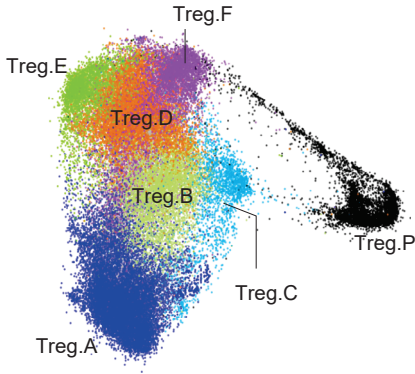
CD8 Gating Strategy

Pre-gating markers: TCR β , CD4, CD8 β

Markers: CD62L, CD44, CD127, KLRG1, CD11c, CD69, CD39, CD73, CD49A, CD103, GITR, TIM3.

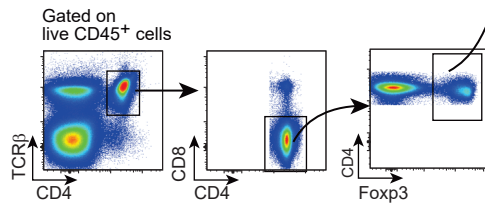


Treg Gating Strategy



Gating markers for Tregs: TCR β , CD4, CD8, FoxP3

Markers: CD62L, CD44, KLRG1, CD49B, CD29, Sca-1, FR4, NRP1



key markers	
Treg.A	CD62L ⁺
Treg.B	NRP1 ^{hi} FR4 ^{hi}
Treg.C	CD69 ⁺
Treg.D	KLRG1 ⁺
Treg.E	Sca-1 ⁺ NRP1 ^{lo}
Treg.F	CD29 ⁺ CD49b ⁺

