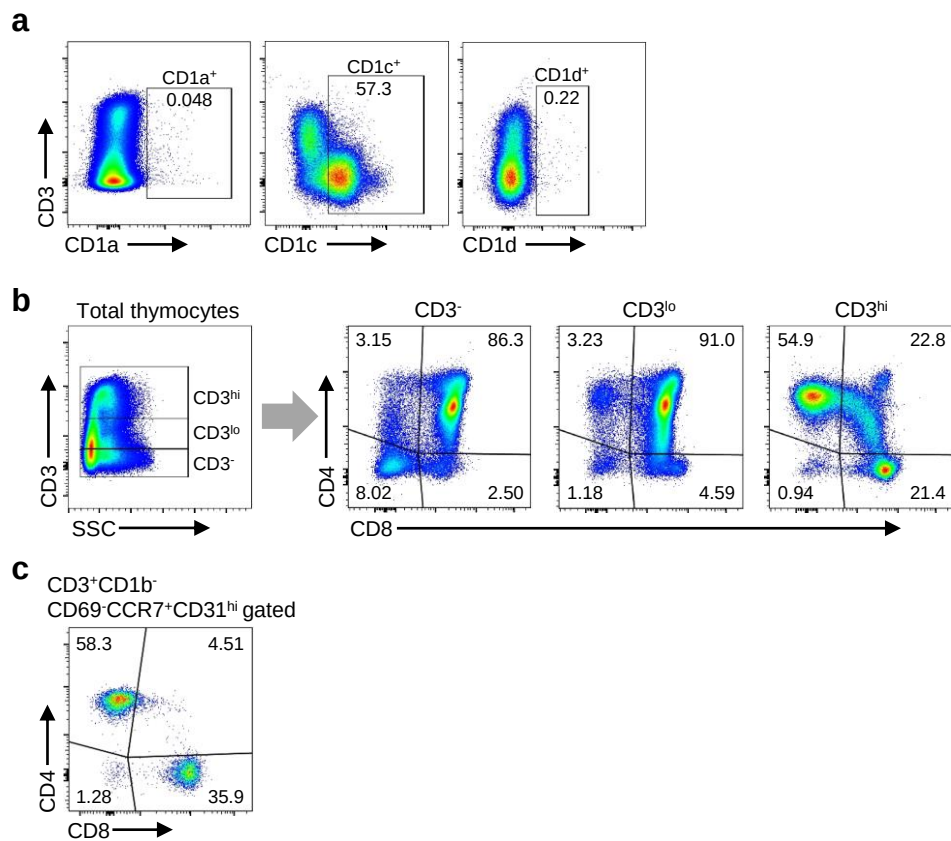


CD1b glycoprotein, a crucial marker of thymocyte development during T cell maturation in cynomolgus monkeys

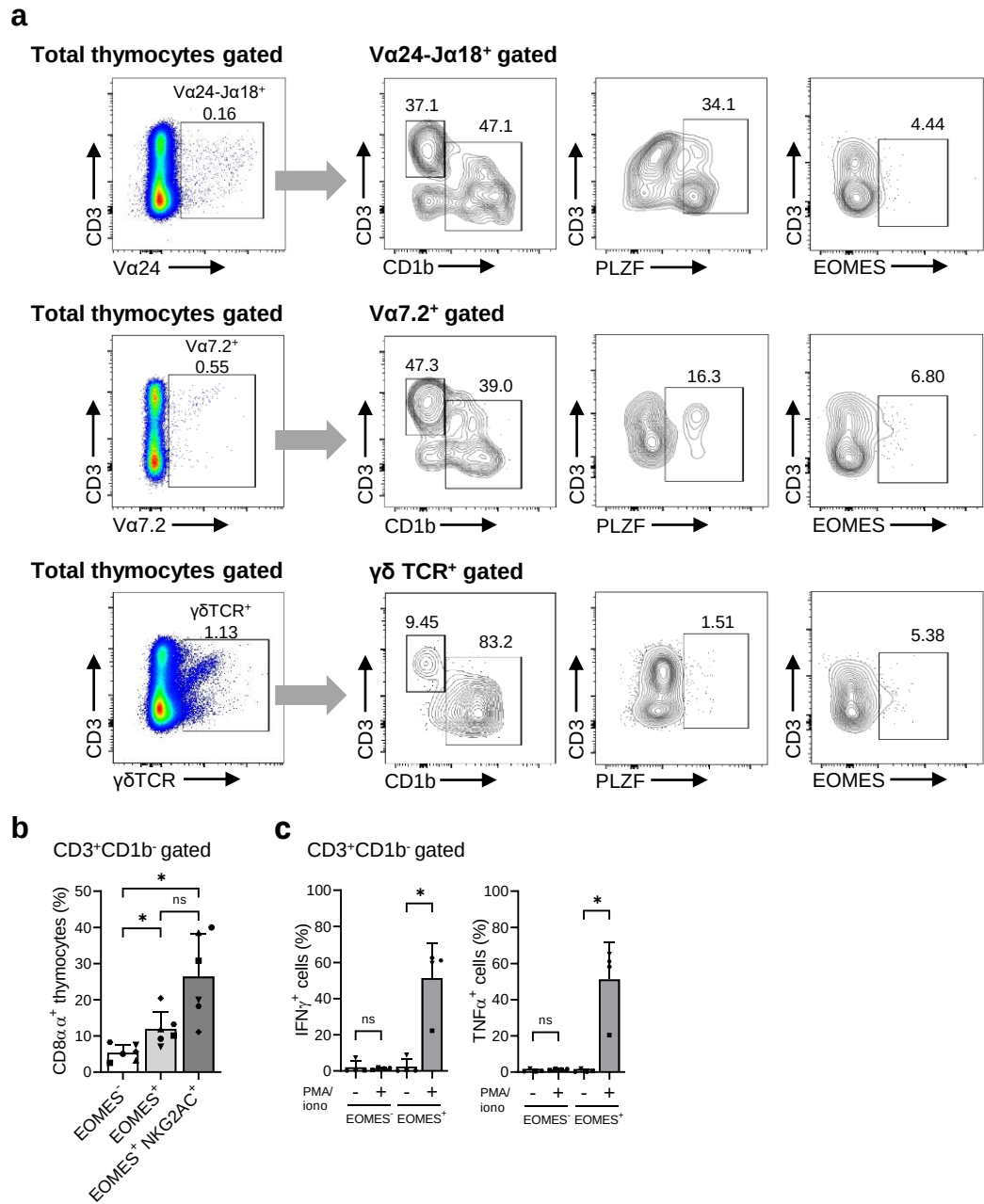
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Supplementary Figure



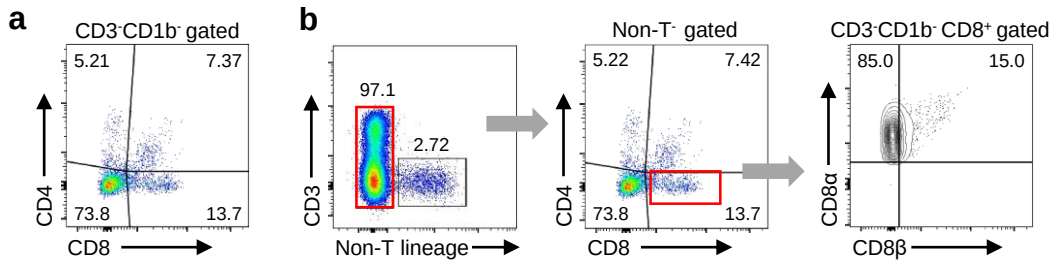
Supplementary figure 1. (a) Dot plots showing expression of CD1a, CD1c, and CD1d by the total thymocyte population. (b) Dot plots showing developmental stage of thymocytes using CD4/CD8 expression patterns at CD3⁻/CD3^{lo}/CD3^{hi} thymocytes. (c) A dot plot showing CD4 SP, CD8 SP, and DP thymocytes with the RTE phenotype (CD69⁻CCR7⁺CD31^{hi}) among the fully mature thymocyte (CD3⁺CD1b⁻) population.

Supplementary Figure



Supplementary figure 2. (a) Dot plots showing innate thymocytes (Va24-Ja18⁺, Va7.2⁺, and γδTCR⁺ thymocytes) among total thymocytes, and contour plots showing the developmental stage distribution and PLZF/EOMES-expressing populations at each innate thymocytes. (b) A graph showing the percentage of CD8αα⁺ thymocytes at each population: CD3⁺CD1b⁻ EOMES⁻, CD3⁺CD1b⁻ EOMES⁺, and CD3⁺CD1b⁻ EOMES⁺NKG2AC⁺ thymocytes (excluding Va24-Ja18⁺ and Va7.2⁺ thymocytes). (c) Graphs comparing the production of IFNγ and TNFα by CD3⁺CD1b⁻ EOMES⁻ and CD3⁺CD1b⁻ EOMES⁺ thymocytes (excluding Va24-Ja18⁺ and Va7.2⁺ thymocytes) after PMA/iono stimulation (n=4). Data are expressed as the mean ± SD (n = 6). *p < 0.05; **p < 0.01; ns: not significant.

Supplementary Figure



Supplementary figure 3. (a) A dot plot showing CD3⁺CD1b⁻ stage without the exclusion of antigen-presenting cells (APCs). **(b)** Dot plots showing expression of CD8α/β at CD3⁺CD1b⁻ CD8⁺ thymocytes after excluding APCs (Non-T lineage markers: CD11b⁺/ CD11c⁺ / CD14⁺ / CD20⁺ cells).