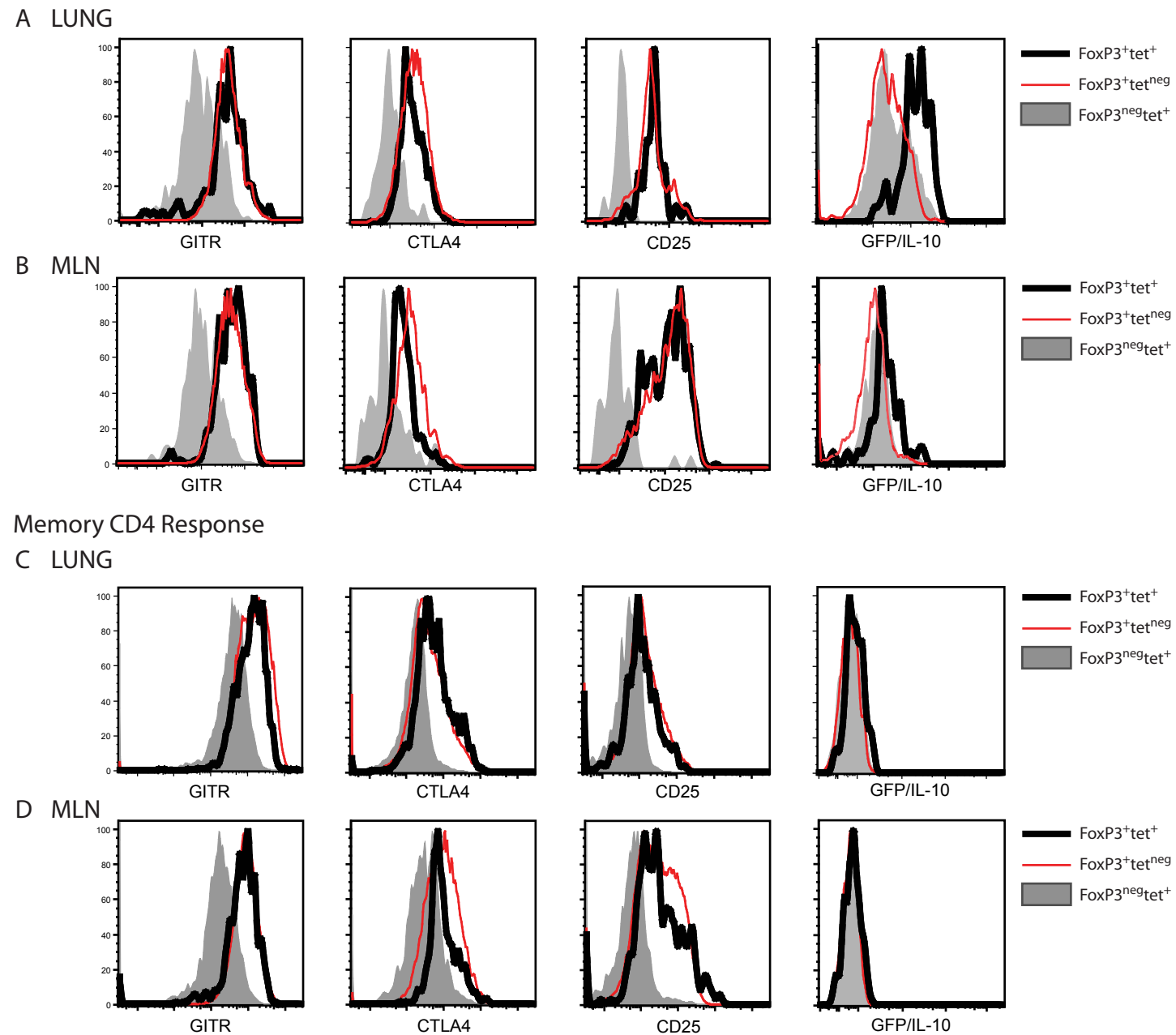
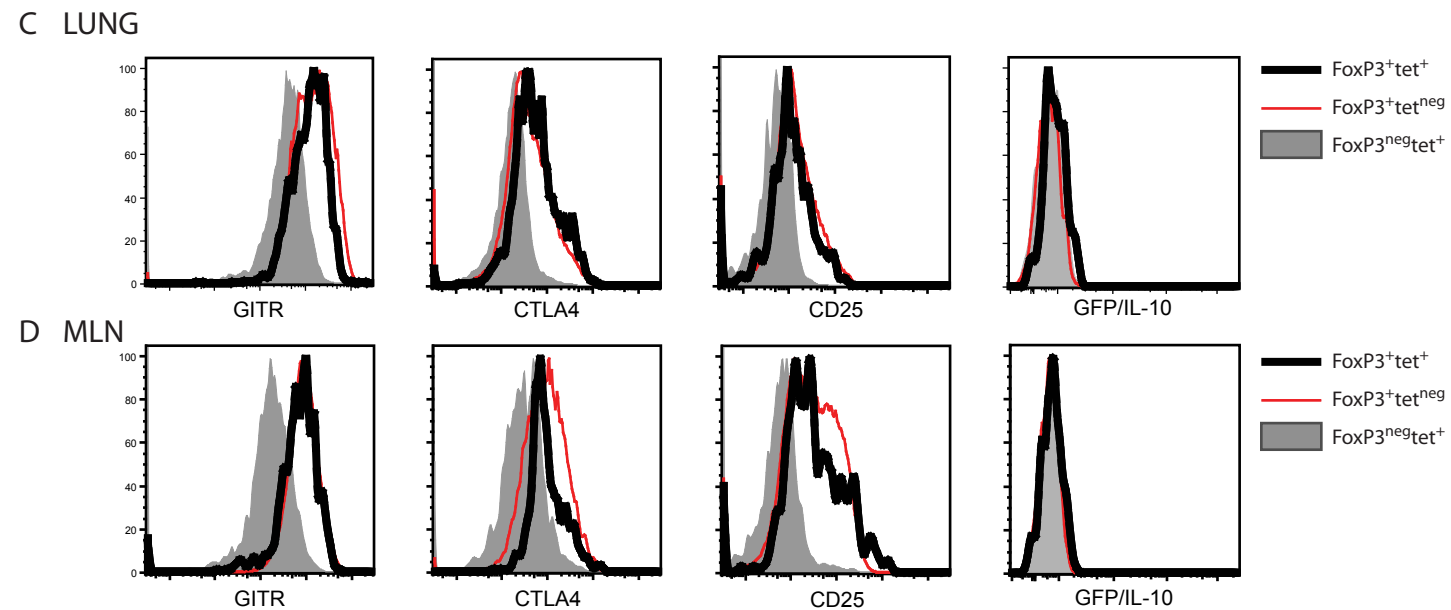


Supplemental Figure 1

Primary CD4 Response



Memory CD4 Response



Supplemental Figure 1. Phenotype of Treg during the immune response to secondary influenza virus infection. C57BL/6 mice were sacrificed at various times after primary (600 EID50 PR8 influenza virus, rows A & B) or secondary (60,000 EID50 PR8 influenza virus, rows C & D) infection and lymphocytes harvested from the lung (A & C) or the lung-draining lymph node (B & D) were stained with anti-CD4, anti-FoxP3, and NP₃₁₁₋₃₂₅/I-A^b tetramer. Representative histograms for GITR, CTLA4, and CD25 expression on CD4⁺FoxP3⁺tetramer⁺ cells (—), on CD4⁺FoxP3⁺tetramer^{neg} (—), and CD4⁺FoxP3^{neg}tetramer⁺ (█) during the response to infection. Representative primary response plots were selected from samples harvested on day 8 or 10 post-challenge. Representative memory response plots were selected from samples harvested on day 4 or 6 post-challenge. IL-10 expression was measured by examining GFP expression in populations harvested from Vertex IL-10/GFP reporter mice. The data are representative of at least two independent experiments.

