Supplemental Data

Temporary CXCR3 and CCR5 Antagonism Following Vaccination Enhances Memory CD8 T Cell Immune Responses

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Supplementary Figure S1. Gating strategy for FACS analysis of CD8+CD127+ T cells. First, lymphocytes were gated according to morphological criteria on a forward scatter/sideward scatter dot plot to exclude cell debris (Figure S1A). Next, CD8+CD127+ T cells were selected by gating on CD8-APC, CD-FITC double positive cells (Figure S1B).
**Supplementary Figure S2.** Gating strategy for CFSE analysis of CD8+ T cell proliferation by FACS. First, lymphocytes were gated according to morphological criteria on a forward scatter/sideward scatter dot plot to exclude cell debris (Supplementary Figure S2A). Next, cytotoxic T cells were selected by gating on CD8-APC-positive cells (Supplementary Figure S2B). Proliferated CD8+ cells were identified by their low staining for CFSE (CFSE<sub>low</sub> CD8+ cells, FITC channel) (Supplementary Figure S2C).

**Supplementary Figure S3.** IgG<sub>1</sub> (C) and IgG2a (D) isotyping of sera from naïve mice, mice treated with TAK-779 (TAK), mice immunized twice with NP (NP2) and mice immunized twice with NP treated with TAK-779 (TN2) by ELISA. Sera were diluted 1:20,000.