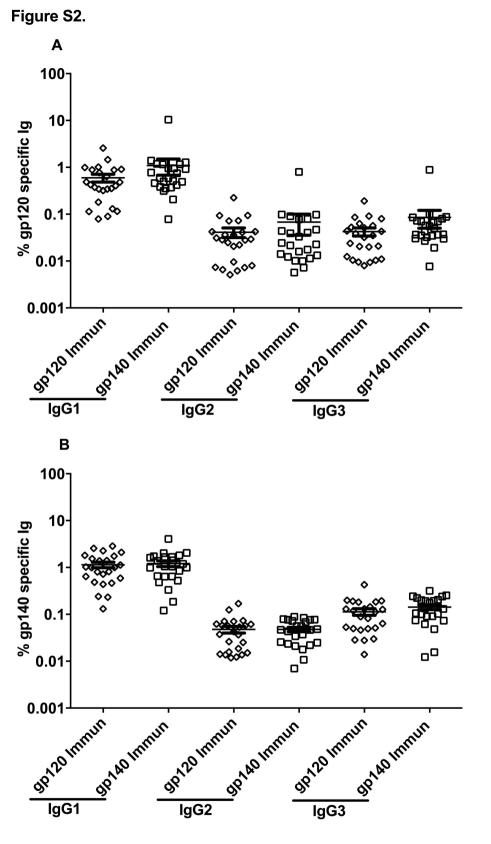
Figure S1. A. PBMC B. Bone Marrow C. Rectal Pinches 3.8-% Env specific memory B cells % Env specific memory B cells % Env specific memory B cells 2.0 2.0_T 1.5 1.0-1.0 39720 Innun go do minur 39720 Innoun 99 40 Innun 3930 Innun OP 40 Inmun OP 40 Innun SP 40 Inmun Post 2nd prime Post 2nd boost Post 2nd boost D. Rectal Pinches E. Rectal Pinches % Plasma blast % Plasma cells 20-20-99 40 Innun 8wk Pl 2wk PI 8wk PI 2wk Pl

Supplementary Figure 1. Env-specific memory B cells, PB, and PC in various tissues by immunization group. PBMC (A), BM (B), and rectal biopsies (C) obtained at the indicated time points were assayed for Env-specific memory B cells and the data are presented according to either gp120 or gp140 immunization group. Rectal biopsies obtained at the indicated time points were assayed for PB (D) and PC (E) and are plotted according to immunization group. Data are presented as means ± SEM.



Supplementary Figure 2. Percentages of IgG subclass antibodies analyzed by immunization group. Sera obtained 2 weeks after the second protein boost were assayed for gp120- (A) and gp140-specific (B) IgG1, IgG2, and IgG3 antibodies, expressed as percentages of pan IgG antibody, and plotted by immunization group. Data shown are means ± SEM.