



Supplementary Figure 1.

Immunodominant epitope profiles of human S-Ag protein for HLA-DR4 alleles. Spleen cells from S-Ag immunized mice were used in an in-vitro lymphocyte proliferation assay in the presence of $25\mu\text{M}$ of each of 20 amino acid long overlapping synthetic 20mer peptides spanning the human S-Ag protein sequence, and whole S-Ag protein ($20\mu\text{g/ml}$). [^3H] Thymidine uptake by cells was plotted after subtracting the background counts in cells cultured in the absence of antigen (average background counts ≤ 5000 cpm). Data shown is the average (with standard deviation) of five individual mice for each strain.