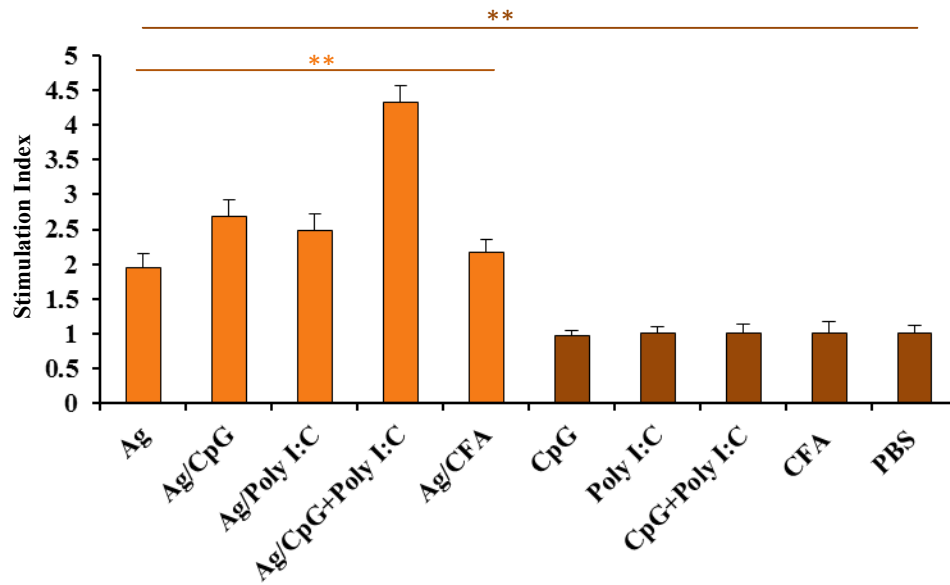


Proliferation of splenocytes



Additional file 1: Figure S4

Lymphocyte proliferation in cultured splenocyte cells of immunized mice (groups 1-10) in the presence of rPfCelTOS *in vitro*. Spleens from each vaccine (1-5) and control (6-10) groups (four mice per group) were removed, and lymphocyte proliferation was evaluated using the MTT assay. A significant lymphocyte proliferation in the presence of rPfCelTOS antigen was observed in mice group 4 in comparison with groups 1-3, and 5 ($P < 0.001$, one-way ANOVA).

Data was analyzed using one way ANOVA followed by Tukey's HSD post hoc test.

**** $P < 0.001$.**

Ag rPfCelTOS antigen