**Supplementary Figure 1**



**Supplementary Figure 1.** Proliferation of CD4+ T cells (evaluated on CFSE-stained CD4+T cells) in cells from inguinal lymph nodes from immunized mice.

**Supplementary Figure 2**

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**Supplementary Figure 2.** IFN-γ levels in supernatants of cells from inguinal lymph nodes obtained from BALB/c mice subcutaneously injected with one dose (10 µg/mouse) of SLP-8348 + OVA, oxidized SLP-8348 (SLPOx-8348) + OVA, PBS + OVA (OVA), or PBS (PBS) in absence of in vitro antigenic stimulation.

**Supplementary Figure 3**



**Supplementary Figure 3.** CLR-hFc fusion proteins interaction with SLPOx-8348 and SLPB-8348.