

Supplementary Table 1. Superiority of the F3 or the F1F3 chimera vaccines in each tested

Variable	After immunization	After infection
Anti –NH36 antibodies	F1F3	F1F3
IDR	F1F3	F1F3
Secreted cytokines	F1F3 YPPEFKTKL for IFN- γ e TNF- α and FMLQILDFYTKVIE for TNF- α and IL-10	F3 and F1F3 FRYPRPKHCHTQVA, KFWCLVIDALKRIG, FMLQILDFYTKVIE for TNF- α and IL-10
IFN- γ /IL10 ratio	F3 > F1F3	F3 > F1F3
TFN- α /IL-10 ratio	F3 > F1F3	F3 > F1F3
CD4 ⁺ cytokine-secreting T cells in response to NH36	F3 and F1. F1F3 only for TNF- α IFN- γ	F1F3
CD4 ⁺ cytokine-secreting T cells in response to epitopes	F3 and F1F3: FMLQILDFYTKVIE ELLAITTVVGNNQ FRYPRPKHCHTQVA, KFWCLVIDALKRIG	F1F3: FRYPRPKHCHTQVA, KFWCLVIDALKRIG
CD8 ⁺ cytokine-secreting T cells in response to NH36	F3	F1F3
CD8 ⁺ cytokine-secreting T cells in response to epitopes	F3: FMLQILDFYTKVIE KFWCLVIDALKRIG F1F3: FMLQILDFYTKVIE KFWCLVIDALKRIG ELLAITTVVGNNQ DVAGIVGPVAAGCT	F3: FRYPRPKHCHTQVA F1F3: FRYPRPKHCHTQVA, KFWCLVIDALKRIG
Lesion sizes		F1F3 is stronger than F3
Parasite load in lesions		Not significantly different