

Table S1. Effect of immunization with SmCB1 or SmCL3 on worm burden of challenge *S. mansoni* infection in outbred mice.

PARAMETER	Infected controls	VACCINE	
		SmCB1-immunized	SmCL3-immunized
Individual worm burden		28	30
		22	32
	54	23	28
	52	20	27
	53	25	25
	58	27	31
	58	26	25
	62	24	29
	67		
	60		
	Mean	58.0	24.3
SD	5.1	2.7	2.6
Percent reduction		58.1	51.2
<i>p</i> value		0.0002	0.0002

Vaccinated mice were challenged 3 weeks after second immunization with 150 cercariae of *S. mansoni* in parallel with unimmunized mice (infected controls), and assessed (eight per group) for worm burden 40 days post infection. ANOVA, Students' *t*-2-tailed and Mann-Whitney tests were used to analyze the statistical significance of differences between selected values and considered significant at $P < 0.05$. Significances of differences between immunized and unimmunized control mice are shown.

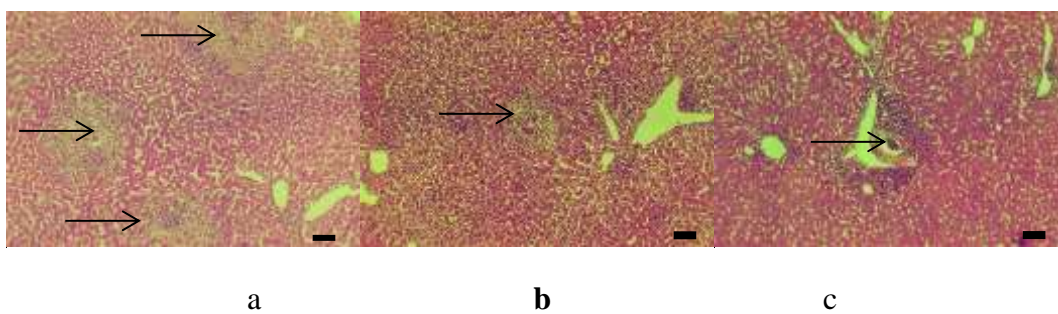


Figure S1. Haematoxylin and eosin-stained liver sections of unimmunized infected (infected), and SmCB1 and SmCL3-immunized mice 40 days post infection. Arrows point to circumoval granulomas. Scale bars = 30 μ m. a: Infected, b: SmCB1, c: SmCL3

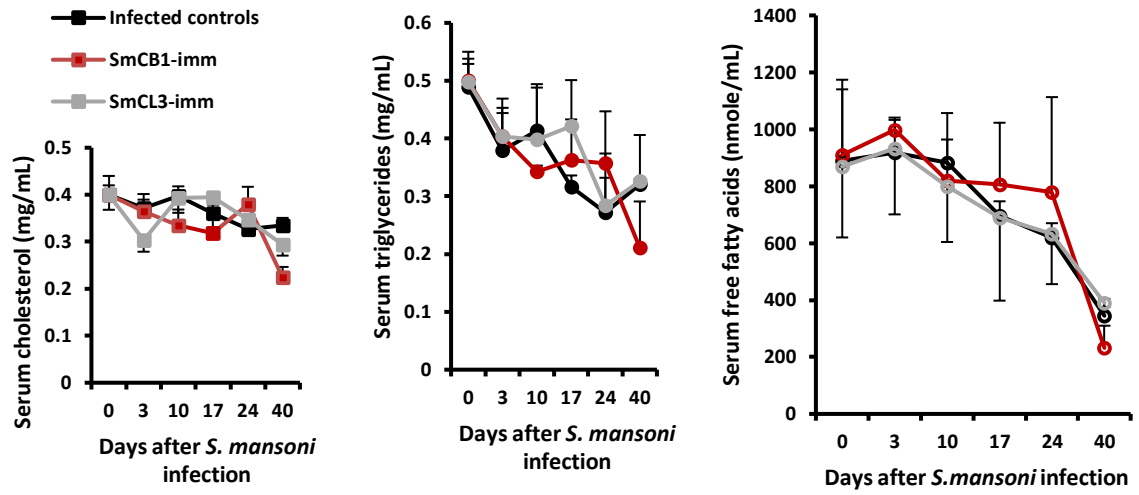


Figure S2. Each point in the figures represents mean of serum lipid values of 6 individual mice. Naïve control mice had 0.4 ± 0.1 mg/mL serum cholesterol, 0.48 ± 0.2 mg/mL serum triglycerides, and 800 ± 120 nmol free fatty acids/mL.