**Table S6:** Positively selected sites detected for *Pvmsp-7* genes taking recombination into account.

	SLAC	FEL	REL	IFEL
msp-7C		145, 184		
msp-7H	244	171,176, 187, 214, 225 and 244	244 and 365	171, 206, 214, 224, 236 and 244
msp-7I	179	178, 179, 181 and 187		178, 179, 181 and 187

Numbers according to the reference Sal-I protein sequence *Pvmsp-7C*: XP\_001614132.1, *Pvmsp-7H*: XP\_001614137.1 and *Pvmsp-7I*: XP\_001614138.1.