

**Table S4:** Positively selected sites for *Pvm*sp-7 genes without taking recombination into account.

	<b>SLAC</b>	<b>FEL</b>	<b>REL</b>	<b>IFEL</b>
<i>m</i> sp-7 <i>C</i>		135, 145 and 184	135, 145, 146, 152, 155, 160, 161, 162, 167, 172, 179, 184, 185, 186, 187, 194, 201 and 229	147 and 172
<i>m</i> sp-7 <i>H</i>	206 and 244	169, 171, 176, 179, 180, 183, 206, 207, 214, 222, 224, 225, 236 and 244	169, 171, 179, 183, 206, 207, 209, 214, 222, 224, 225, 230, 236 and 244	76,81, 84, 100,127, 145, 149, 161, 165, 168, 169, 171, 172, 173, 175, 176, 177, 178, 179, 180, 183, 196, 198, 201, 202, 206, 207, 209, 211, 214, 216, 217, 219, 222, 227, 229, 230, 236, 244, 365 and 369
<i>m</i> sp-7 <i>I</i>		178, 179, 181, 211, 214, 218 and 294		178, 179, 181, 185, 187, 193, 211, 214 and 218

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