



Figure S9

Potential recombination events detected in each *msg* family. The most sensitive method TOPALi based on the Hidden Markov Model was used. Representative examples of four genes of a single family analysed together are shown :

msg-I : 6, 94, 45, 41

msg-II : 104, 76 , 9, 68

msg-III : 53, 46, 34, 107

msg-IV : 77, 48, 86, 80

msg-V : 97, 22, 11, 42

msg-VI : 49, 51, 39, 59