

S2 Table. Estimation and comparison the median lethal time (LT₅₀, hours) between WT and different mutants during topical infection of the wax moth larvae.

Strains	LT₅₀	χ^2*	<i>P</i>
WT	84 ± 4.19	–	–
<i>ΔMrGAG</i>	108 ± 6.57	7.621	0.006
<i>ΔMrAgd</i>	132 ± 7.77	28.528	0
<i>ΔMrEga</i>	108 ± 6.08	9.52	0.002
<i>ΔMrSph</i>	96 ± 5.83	6.263	0.012
<i>ΔMrUge</i>	108 ± 9.68	6.775	0.009
<i>ΔMrGtb</i>	108 ± 8.06	6.139	0.013

*, Log-rank test of the survival difference between WT and *ΔMrGAG*.