

S1 Table . Transmission mode and transmission rate of watermelon silver mottle virus by *Thrips palmi*

Transmission mode	Virus-acquiring instar	Virus-inoculating instar	Transmission rate ^a			P value ^b
			Trial 1	Trial 2	Trial 3	
<i>Non-persistent transmission</i>						
	First-instar larva	First-instar larva	0/10	0/10	0/10	1.0
	Second-instar larva	Second-instar larva	0/10	0/10	0/10	1.0
	Adult	Adult	0/10	0/10	0/10	1.0
<i>Semi-persistent transmission</i>						
	First-instar larva	First-instar larva	0/10	0/10	1/10	0.29
	Second-instar larva	Second-instar larva	1/10	1/10	0/10	0.37
	Adult	Adult	0/10	0/10	0/10	1.0
<i>Persistent transmission</i>						
	First-instar larva	Adult	8/10	7/10	8/10	0.65
	First-instar larva	Second-instar larva	0/10	1/10	0/10	0.29
	Second-instar larva	Adult	0/10	0/10	1/10	0.29
	Adult	Adult	1/10	1/10	0/10	0.37

^aThe transmission rate was calculated as the ratio of test plants positive for WSMoV examined by RT-PCR assays to total test plants.

^bTransmission rates among trials were compared using Chi-squared test.