

**Supplementary Table 1.** The effects of temperature during virus acquisition by aphids on transmission of PVY-O or PVA to *Nicotiana benthamiana*, and PLRV to *Physalis floridiana*.

Virus	No. of plants inoculated	Rate of plants infected with each virus (%)				
		10°C	15°C	20°C	25°C	30°C
PVY-O	40	27±3.8	38±10.0	43±10.9	12±2.3	4±1.3
PVA	45	40±3.8	53±2.2	71±2.6	58±3.4	22±3.4
PLRV	39	56±7.8	65±9.5	87±5.9	82±8.4	67±9.7