

**Table S5.** TuYV titer measured by qRT-PCR in infected *A. thaliana* mutants *quad*, *pad4-1* and *atr1D* plants used as virus source in a virus transmission experiment (Exp. 4 Table 3).

<i>A. thaliana</i> mutant plants	TuYV genome copies/ng total RNA $\pm$ SE <sup>1</sup>	Mean TuYV genome copies/ng total RNA $\pm$ SE
<i>quad</i> # 1	3.23E+05 $\pm$ 2.01E+04	3.80E+05 $\pm$ 5.24E+04
<i>quad</i> # 2	4.85E+05 $\pm$ 6.11E+04	
<i>quad</i> # 3	3.33E+05 $\pm$ 1.56E+04	
<i>pad4-1</i> # 1	3.82E+05 $\pm$ 1.79E+04	3.74E+05 $\pm$ 0.82E+04
<i>pad4-1</i> # 2	3.58E+05 $\pm$ 1.82E+04	
<i>pad4-1</i> # 3	3.83E+05 $\pm$ 2.98E+04	
<i>atr1D</i> # 1	4.39E+05 $\pm$ 2.62E+04	4.32E+05 $\pm$ 0.44E+04
<i>atr1D</i> # 2	4.24E+05 $\pm$ 2.10E+04	
<i>atr1D</i> # 3	4.34E+05 $\pm$ 1.36E+04	
Col-0 # 1	5.06E+05 $\pm$ 4.35E+04	3.70E+05 $\pm$ 6.82E+04
Col-0 # 2	2.92E+05 $\pm$ 2.02E+04	
Col-0 # 3	3.12E+05 $\pm$ 5.49E+03	

<sup>1</sup>TuYV genome copies in each plant sample analyzed by qRT-PCR  $\pm$  Standard Error of technical triplicates.