

Table S3. Analysis of the accumulation of DpIDNV DNA and RAAV RNA in individual aphids from a colony of clone WS by real-time (RT) PCR*.

Aphid No	Appearance	DpIDNV DNA (pg)	RAAV RNA (pg)
1	Light, no wing buds	0.55	22085.74
2	Light, no wing buds	1.02	25756.91
3	Light, no wing buds	5.62	5961.65
4	Light, no wing buds	0.91	25106.62
5	Light, no wing buds	4.47	6726.46
6	Light, no wing buds	9.61	37300.62
7	Light, no wing buds	2.14	15129.56
8	Light, no wing buds	1.44	10367.18
9	Light, no wing buds	0.46	5451.134
10	Dark, wing buds	3074.91	3866.45
11	Dark, wing buds	6973.47	14380.57
12	Dark, wing buds	6000.21	14206.15
13	Dark, wing buds	6832.63	6951.38
14	Dark, wing buds	5876.16	25123.55
15	Dark, wing buds	5119.56	15159.90
16	Dark, wing buds	3049.94	6388.52
17	Dark, wing buds	3207.49	13335.71
18	Dark, wing buds	4487.90	11142.51
19	Dark, wing buds	5539.70	20265.56
20	Dark, wing buds	9387.08	22841.86
21	Dark, wing buds	3667.82	15530.77
22	Dark, wing buds	6386.37	10237.56
23	Winged	7639.25	8689.754
24	Winged	12867.88	13822.38
25	Winged	16037.36	26914.58
26	Winged	6516.14	7206.00
27	Winged	12193.93	11495.32
28	Winged	5796.93	35762.69
29	Winged	6537.92	6468.78
30	Winged	7554.85	26346.47
31	Winged	6871.32	5872.91
32	Winged	12381.44	10682.30
33	Winged	11672.17	20616.05
34	Winged	4300.71	14543.11
34	Winged	6780.49	14806.50
36	Winged	8490.49	18368.20
38	Winged	9751.87	21653.44
39	Winged	9820.60	7012.51

* The colony was established using ten aphids from clone WS and was reared under long day conditions (16 h / 8 h light/dark at +20°C) on a plantain plant for three weeks prior to the sampling. The total RNA and DNA preparations were extracted from the light fifth instars without wing buds (light, no wings), dark fourth instars with wing buds (dark, wing buds) and winged fifth instars. The randomly primed cDNA to the total RNA samples were used in qPCR detection of RAAV RNA, the total DNA samples were used for qPCR detection of DpIDNV DNA.