

Table S6. Development of wings in isolated aphids infected with DpIDNV*.

Aphid Number	Nymph origin	Wing buds	Wings	DpIDNV DNA in aphid (pg) [†]
1	2D	-	-	not tested, insect died
2	2D	-	-	not tested, insect died
3	2D	-	-	Not detected
4	2D	-	-	Not detected
5	2D	-	-	Not detected
6	2D	-	-	Not detected
7	2D	-	-	Not detected
8	2D	-	-	Not detected
9	2D	-	-	Not detected
10	2D	-	-	Not detected
11	R3	-	-	not tested, insect died
12	R3	-	-	Not detected
13	R3	-	-	Not detected
14	R3	-	-	Not detected
15	R3	-	-	Not detected
16	R3	-	-	Not detected
17	R3	-	-	Not detected
18	R3	-	-	Not detected
19	R3	-	-	Not detected
20	R3	-	-	Not detected
21	WS	-	-	Not tested, insect died
22	WS	-	-	3.17
23	WS	-	-	4.88
24	WS	-	-	0.17
25	WS	+	-	94.90
26	WS	+	-	393.67
27	WS	+	-	530.80
28	WS	+	-	739.20
29	WS	-	+	14486.39
30	WS	-	+	2481.95
31	10A	-	-	Not tested, insect died
32	10A	-	-	Not tested, insect died
33	10A	-	-	0.89
34	10A	-	-	0.02
35	10A	-	-	0.97
36	10A	-	-	1.48
37	10A	+	-	1339.67
38	10A	-	+	8849.05
39	10A	-	+	10975.96
40	10A	-	+	5201.68

* First instars of the rosy apple aphid were placed on individual detached leaves of plantain which were inserted into agar blocks and then reared under long day conditions for 8 days. The wing development was monitored daily. The total DNA was extracted from the aphid and used for the virus detection by qPCR.

[†] The levels of the DpIDNV DNA accumulation in individual aphids was quantified by real-time PCR.