

**Table S1a.** Mean trait values ( $\pm$  SD) for four *Arabidopsis thaliana* genotypes grown in the absence of competition and the presence or absence of *Hyaloperonospora arabidopsidis* (*Hpa*). N=40 plants/genotype

Genotype	Disease score (0-4)	Days taken to flower		Rosette diameter at 5 weeks (mm)		Seed mass (g)	
		absent	present	absent	present	absent	present
<i>Hpa</i>	present	absent	present	absent	present	absent	present
Van-0	0 $\pm$ 0.2	49 $\pm$ 9	52 $\pm$ 9	72 $\pm$ 19	68 $\pm$ 14	0.80 $\pm$ 0.29	0.78 $\pm$ 0.25
Ga-0	0.2 $\pm$ 0.5	53 $\pm$ 6	57 $\pm$ 9	69 $\pm$ 17	66 $\pm$ 13	0.87 $\pm$ 0.31	0.88 $\pm$ 0.27
NFA-10	1.8 $\pm$ 0.6	57 $\pm$ 9	56 $\pm$ 7	71 $\pm$ 20	61 $\pm$ 11	0.93 $\pm$ 0.32	1.10 $\pm$ 0.33
NFA-8	2.7 $\pm$ 0.7	55 $\pm$ 9	55 $\pm$ 7	88 $\pm$ 22	63 $\pm$ 7	0.90 $\pm$ 0.22	0.78 $\pm$ 0.22

**Table S1b.** Mean trait values ( $\pm$  SD) for two *Arabidopsis thaliana* genotypes grown in the absence of competition and the presence or absence of *Turnip yellows virus* (TuYV). N=40 plants/genotype.

Genotype	Days taken to flower		Rosette diameter at 5 weeks (mm)		Seed mass (g)	
	absent	present	absent	present	absent	present
TuYV	absent	present	absent	present	absent	present
Col-0	54 $\pm$ 2	51 $\pm$ 3	91 $\pm$ 15	95 $\pm$ 15	1.00 $\pm$ 0.28	0.66 $\pm$ 0.24
Ler-1	45 $\pm$ 3	45 $\pm$ 1	89 $\pm$ 10	87 $\pm$	0.72 $\pm$ 0.14	0.72 $\pm$ 0.16