Table S5. The effect of *Arabidopsis thaliana* genotypic diversity and *Hyaloperonospora arabidopsidis (Hpa)* on days to flower in a pair-wise interaction experiment. A linear mixed model was used to analyse each factor and all interactions between them. Fixed effects included experimental repeat, genotype, cultivation (2-way mixture/monoculture) and *Hpa* (presence/absence). Non-significant terms were eliminated from the model. *F* and *P* values refer to ANOVA tests of each factor separately and the interactions between them. N=1600.

.

Fixed term	F	n.d.f.	d.d.f.	P
Experiment	3265.15	1	446.3	<0.001
Genotype	57.10	3	434.7	<0.001
Cultivation	0.008	1	429.3	0.771
Hpa	2.49	1	426.0	0.115
Experiment. Genotype	11.89	3	544.4	<0.001
Experiment. *Hpa*	39.83	1	443.5	<0.001
Genotype. *Hpa*	8.83	3	433.7	<0.001
Experiment. Genotype. Cultivation	3.61	7	479.6	<0.001
Experiment. Genotype. *Hpa*	11.72	3	551.8	<0.001
Experiment. Genotype. Cultivation. *Hpa*	4.94	7	449.2	<0.001