

**Table S2** : Seedling aerial development. (a) Average values of green area, in square millimetres, for Col-0 or *Ler* seedlings grown on different nutritive media (0.1 mM NO<sub>3</sub><sup>-</sup>, 5 mM NO<sub>3</sub><sup>-</sup> and 5 mM NH<sub>4</sub><sup>+</sup>), 14 DAI with sterile H<sub>2</sub>O. (b) Average values of green area ratio (Healthy Area Index, HAI) between seedlings treated with H<sub>2</sub>O and seedlings inoculated with the fungus (Abra43), for Col-0 or *Ler* seedlings grown on different nutritive media (0.1 mM NO<sub>3</sub><sup>-</sup>, 5 mM NO<sub>3</sub><sup>-</sup> and 5 mM NH<sub>4</sub><sup>+</sup>), 14 DAI.

(a)

Green area (mm <sup>2</sup> )	0.1 mM NO <sub>3</sub> <sup>-</sup>	5 mM NO <sub>3</sub> <sup>-</sup>	5 mM NH <sub>4</sub> <sup>+</sup>	Genotype mean
Col-0	27.5 ± 1.3 (a, B)	133.6 ± 22.5 (A)	27.1 ± 2.1 (a, B)	62.7 ± 11.7
<i>Ler</i>	19.7 ± 2.1 (b, B)	93.1 ± 15.5 (A)	15.3 ± 1.3 (b, B)	42.7 ± 9.0
Nitrogen condition mean	23.6 ± 1.4 (B)	113.3 ± 14.3 (A)	21.2 ± 1.8 (B)	52.7 ± 7.7
Genotype (G) effect	0.026 *			
Nitrogen (N) effect	< 2e <sup>-16</sup> ***			
G x N effect	0.428			

(b)

Fungus impact (HAI, %)	0.1 mM NO <sub>3</sub> <sup>-</sup>	5 mM NO <sub>3</sub> <sup>-</sup>	5 mM NH <sub>4</sub> <sup>+</sup>	Genotype mean
Col-0	81.5 ± 4.6 (b, A)	51.8 ± 9.5 (b, B)	93.5 ± 3.2 (A)	75.6 ± 4.8 (b)
<i>Ler</i>	92.8 ± 2.0 (a, A)	71.0 ± 4.8 (a, B)	93.9 ± 2.1 (A)	85.9 ± 2.3 (a)
Nitrogen condition mean	87.1 ± 2.4 (A)	61.4 ± 5.6 (B)	93.7 ± 1.8 (A)	80.7 ± 2.6
Genotype (G) effect	<2e <sup>-16</sup> ***			
Nitrogen (N) effect	<2e <sup>-16</sup> ***			
G x N effect	0.595			