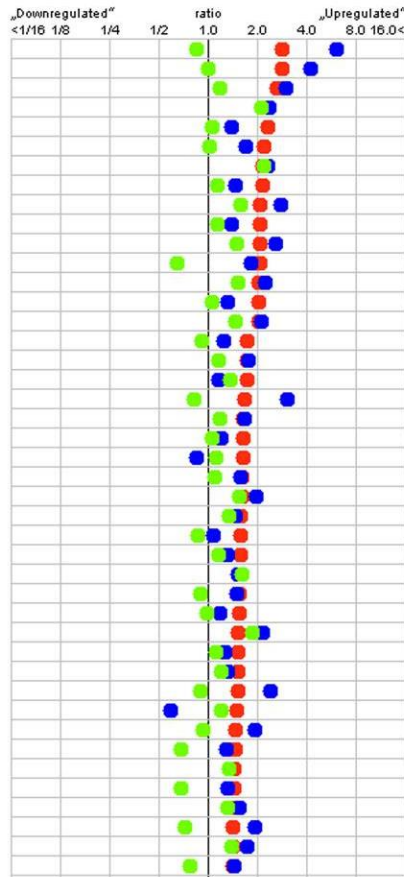


Genes selected: ● 260552_at ● 263243_at ● 258775_at
GLX2-1 *GLX2-5* *GLX2-2*

Experimental samples

Arabidopsis thaliana

- shift etiolated seedlings to light (late)
- drought (wf)
- dark / low CO2
- G. cichoracearum study 3 (36h)
- hypoxia study 2 (late)
- hypoxia study 2 (late+recovery)
- G. cichoracearum study 2 (36h)
- hypoxia study 6 (ANAC102(KO-1))
- G. cichoracearum study 3 (18h)
- hypoxia
- G. cichoracearum study 2 (18h)
- shift etiolated seedlings to light (late)
- night extension (late)
- hypoxia study 6 (Col-0)
- light/drought (aox1a(sail))
- mock treated bz1p1-1 whole plant samples (dark)
- P. syringae study 9 (12h)
- lincomycin
- P. syringae study 8 (12h)
- rotenone (3h)
- mock treated Col-0 whole plant samples (dark)
- BL study 2 (Sav-0)
- N depletion (Col-0)
- P. syringae study 10 (Ler)
- P. syringae study 9 (6h)
- nitrate starvation
- night extension (intermediate)
- light/drought (aox1a(salk))
- cold study 7 (Rsch)
- KNO3/NH4NO3 study 2 (Col-0)
- CaLCuV
- KNO3/NH4NO3 study 2 (bz1p1-1)
- drought study 5 (late day)
- light / low CO2
- MeJa study 5 (penta)
- iron deficiency (LZ3)
- phytoprostane A1 (cell culture)
- shift SD to LD study 5 (7d)
- cold study 7 (C24)
- P. syringae study 10 (penta)
- syringolin study 3 (late)
- shift 16°C to 25°C (2d)
- cold study 7 (Col-0)



Control samples

Arabidopsis thaliana

- shift etiolated seedlings to light (intermediate)
- untreated leaf samples (Col)
- untreated rosette samples
- non-infected whole rosette samples (edr1)
- untreated seedlings (late)
- untreated seedlings (late)
- non-infected whole rosette samples (Col-0)
- untreated plant samples (ANAC102(KO-1))
- non-infected whole rosette samples (edr1)
- untreated seedling samples (low light)
- non-infected whole rosette samples (Col-0)
- shift etiolated seedlings to light (early)
- untreated rosette samples
- untreated plant samples (Col-0)
- untreated leaf samples (aox1a(sail))
- mock treated bz1p1-1 whole plant samples (light)
- non-infected leaf samples (OE7a-1)
- untreated seedlings
- non-infected leaf samples (Col-0)
- solvent treated cell culture samples
- mock treated Col-0 whole plant samples (light)
- mock treated seedlings (Sav-0)
- Seedlings grown under N-replete condition (Col-0)
- untreated leaf disc samples (Ler)
- non-infected leaf samples (OE7a-1)
- untreated seedlings
- untreated rosette samples
- untreated leaf samples (aox1a(salk))
- 20°C/18°C treated rosette samples (Rsch)
- KNO3/NH4NO3 (Col-0)
- non-infected rosette leaf samples
- KNO3/NH4NO3 (bz1p1-1)
- untreated Col-0 rosette samples (late day)
- untreated rosette samples
- untreated leaf disc samples (penta)
- untreated root tip samples (LZ3)
- solvent treated cell culture samples
- short day shoot apex samples at 23°C (fri:flc)
- 20°C/18°C treated rosette samples (C24)
- untreated leaf disc samples (penta)
- solvent treated leaf samples (Col-0; late)
- short day shoot apex samples at 16°C (Col-0)
- 20°C/18°C treated rosette samples (Col-0)

Figure S3