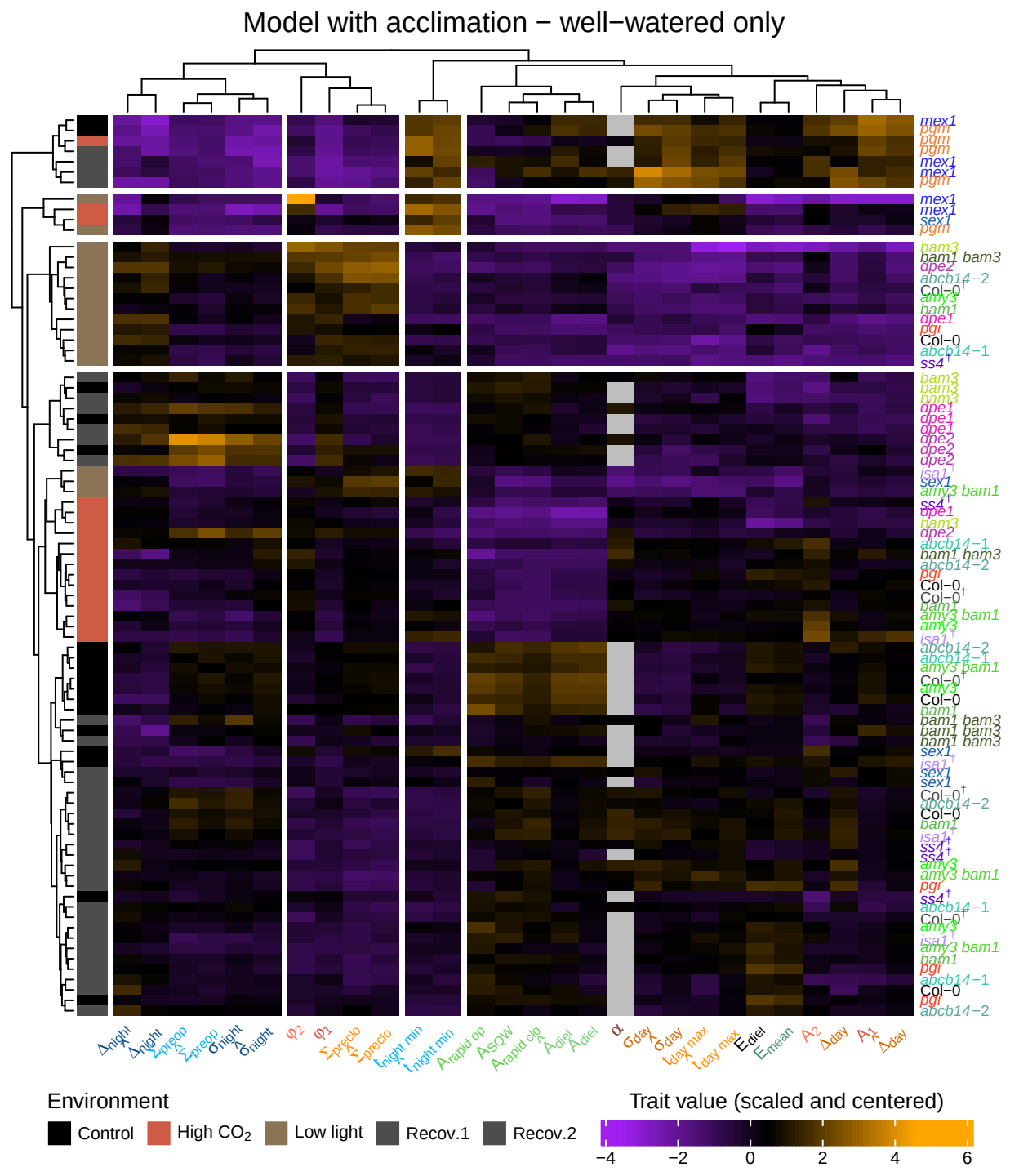
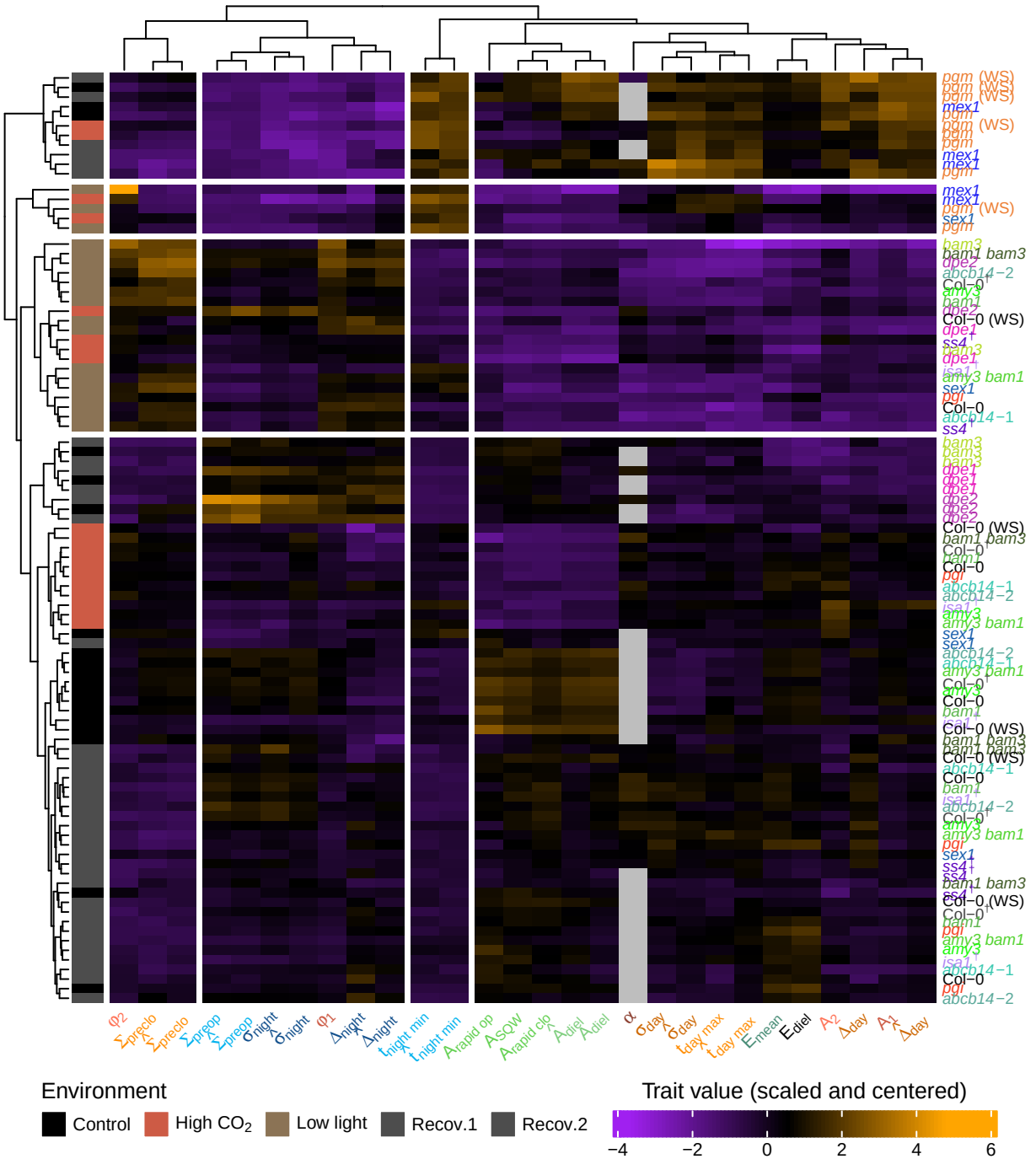
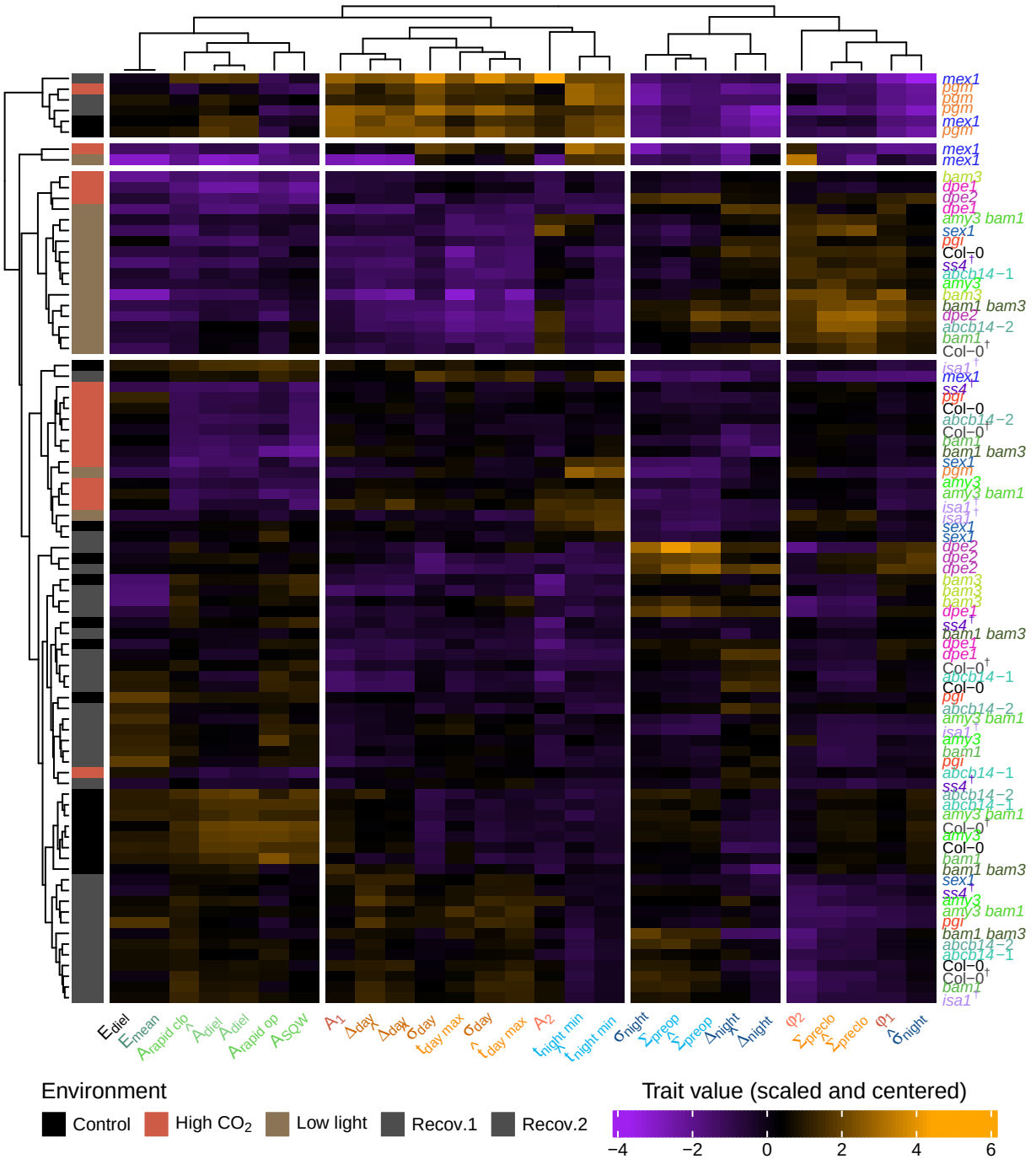
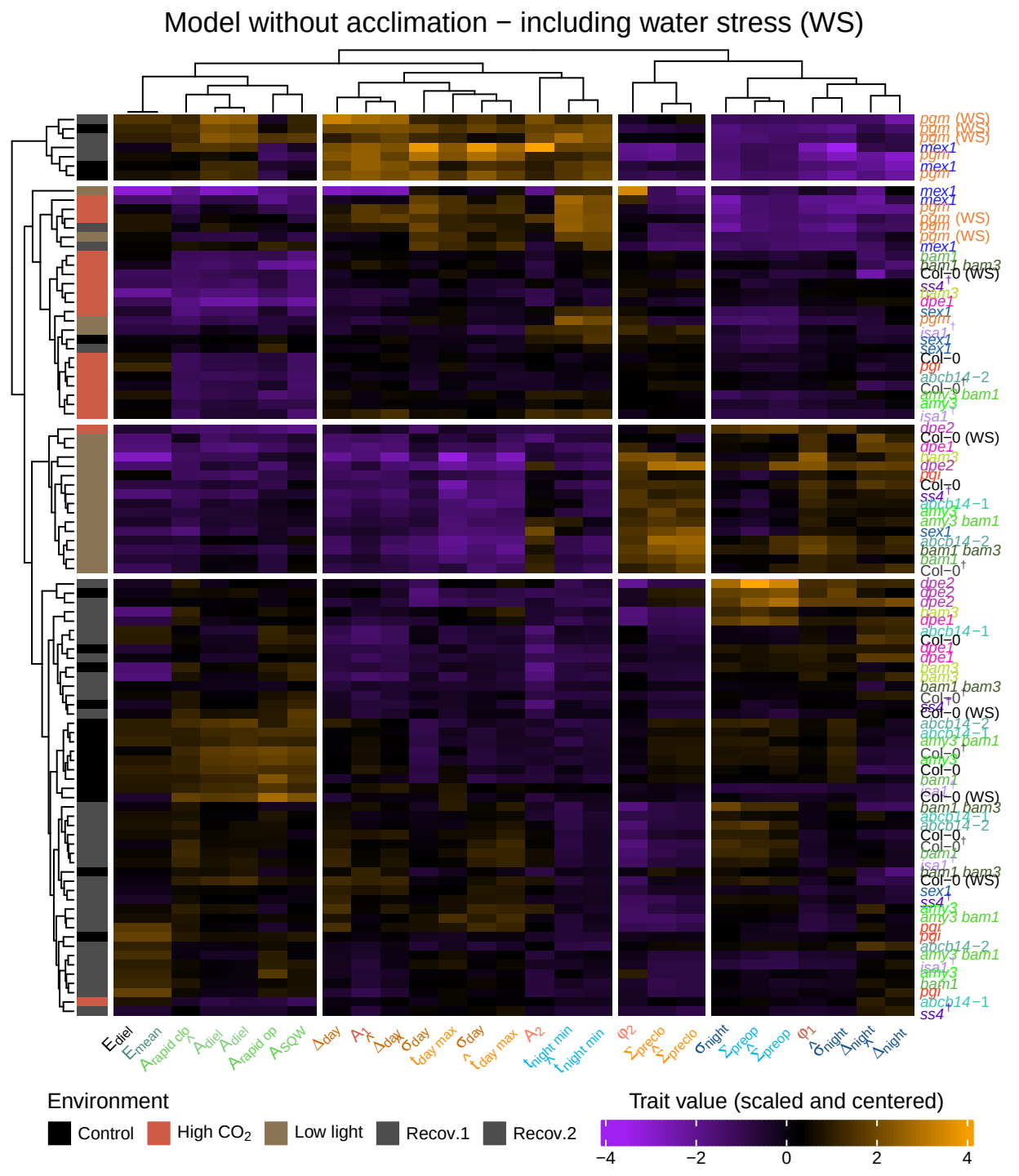

Model with acclimation − well−watered only
mex1
pgm
pgm
pgm
mex1
mex1
pgm
mex1
mex1
sex1
pgm
bam3
bam1 bam3
dpe2
abcb14−2
Col−0†
amy3
bam1
dpe1
pgi
Col−0
abcb14−1
ss4†
bam3
bam3
bam3
dpe1
dpe1
dpe1
dpe2
dpe2
dpe2
isa1†
sex1
amy3 bam1
ss4†
dpe1
bam3
dpe2
abcb14−1
bam1 bam3
abcb14−2
pgi
Col−0†
Col−0†
bam1
amy3 bam1
amy3
isa1†
abcb14−2
abcb14−1
amy3 bam1
Col−0†
amy3
Col−0
bam1
bam1 bam3
bam1 bam3
bam1 bam3
sex1†
isa1†
sex1
sex1
Col−0†
abcb14−2
Col−0
bam1
isa1†
ss4†
ss4†
amy3
amy3 bam1
pgi
ss4†
abcb14−1
Col−0†
amy3
isa1†
amy3 bam1
bam1
pgi
abcb14−1
Col−0
pgi
abcb14−2
Δnight
Δnight
Σprep
Σprep
σnight
σnight
φ2
φ1
Σpreclo
Σpreclo
tnight min
tnight min
Arapid op
ASCW
Arapid clo
Adiel
Adiel
α
σday
σday
tday max
tday max
Ediel
Emean
A2
Δday
A1
Δday
Environment
Control
High CO2
Low light
Recov.1
Recov.2
Trait value (scaled and centered)
−4
−2
0
2
4
6


Model with acclimation − including water stress (WS)
pgm (WS)
pgm (WS)
pgm (WS)
mex1
pgm
pgm (WS)
pgm
pgm
mex1
mex1
pgm
mex1
mex1
pgm (WS)
sex1
pgm
bam3
bam1 bam3
dpe2
abcb14−2
Col−0
amy3
bam1
dpe2
Col−0 (WS)
dpe1
ss4
bam3
dpe1
isa1
amy3 bam1
sex1
pgi
Col−0
abcb14−1
ss4
bam3
bam3
bam3
dpe1
dpe1
dpe1
dpe2
dpe2
dpe2
Col−0 (WS)
bam1 bam3
Col−0
bam1
Col−0
pgi
abcb14−1
abcb14−2
isa1
amy3
amy3 bam1
sex1
sex1
abcb14−2
abcb14−2
amy3 bam1
Col−0
amy3
Col−0
bam1
isa1
Col−0 (WS)
bam1 bam3
bam1 bam3
Col−0 (WS)
abcb14−1
Col−0
bam1
isa1
abcb14−2
Col−0
amy3
amy3 bam1
pgi
sex1
ss4
ss4
bam1 bam3
ss4
Col−0 (WS)
Col−0
bam1
pgi
amy3 bam1
amy3
isa1
abcb14−1
Col−0
pgi
abcb14−2
φ2
Σpreclo
κ
Σpreclo
Σprep
Σprep
σnight
κ
σnight
φ1
Δnight
Δnight
tnight min
tnight min
Arapid op
ASQW
Arapid clo
Adiel
Adiel
α
σday
κ
σday
tday max
tday max
Emean
Ediel
A2
Δday
A1
κ
Δday
Environment
Control
High CO2
Low light
Recov.1
Recov.2
Trait value (scaled and centered)
−4
−2
0
2
4
6


Model without acclimation − well−watered only
mex1
pgm
pgm
pgm
mex1
pgm
mex1
mex1
bam3
dpe1
dpe2
dpe1
amy3 bam1
sex1
pgi
Col−0
ss4
abcb14−1
amy3
amy3
bam1 bam3
dpe2
abcb14−2
bam1
Col−0†
isa1†
mex1
ss4
pgi
Col−0
abcb14−2
Col−0†
bam1
bam1 bam3
sex1
pgm
amy3
amy3 bam1
isa1†
isa1†
sex1
sex1
dpe2
dpe2
dpe2
bam3
bam3
bam3
dpe1
ss4
bam1 bam3
dpe1
dpe1
Col−0†
abcb14−1
Col−0
pgi
abcb14−2
amy3 bam1
isa1†
amy3
bam1
pgi
abcb14−1
ss4
abcb14−2
abcb14−2
amy3 bam1
Col−0†
amy3
Col−0
bam1
bam1 bam3
sex1
ss4
amy3
amy3 bam1
pgi
bam1 bam3
abcb14−2
abcb14−1
Col−0
Col−0†
bam1
isa1†
Ediel
Emean
Arapid clo
Adiel
Adiel
Arapid op
ASQW
A1
Δday
Δday
σday
tday max
σday
tday max
A2
tnight min
tnight min
σnight
Σpreop
Σpreop
Δnight
Δnight
φ2
Σpreclo
Σpreclo
φ1
δnight
Environment
Control
High CO2
Low light
Recov.1
Recov.2
Trait value (scaled and centered)
−4
−2
0
2
4
6


Model without acclimation − including water stress (WS)
pgm (WS)
pgm (WS)
pgm (WS)
mex1
pgm
mex1
pgm
mex1
mex1
pgm
pgm (WS)
pgm (WS)
pgm (WS)
mex1
bam1
bam1 bam3
Col−0 (WS)
ss4
bam3
dpe1
sex1
pgm†
isa1†
sex1
sex1
Col−0
pgi
abcb14−2
Col−0†
amy3 bam1
amy3†
isa1†
dpe2
Col−0 (WS)
dpe1
bam3
dpe2
pgi
Col−0
ss4
abcb14−1
amy3
amy3 bam1
sex1
abcb14−2
bam1 bam3
bam1†
Col−0†
dpe2
dpe2
dpe2
bam3
dpe1
abcb14−1
Col−0
dpe1
dpe1
bam3
bam3
bam1 bam3
Col−0
ss4
Col−0 (WS)
abcb14−2
abcb14−1
amy3 bam1
Col−0†
amy3
Col−0
bam1
Col−0 (WS)
bam1 bam3
abcb14−1
abcb14−2
Col−0†
Col−0
bam1
isa1†
bam1 bam3
Col−0 (WS)
sex1
ss4
amy3
amy3 bam1
pgi
pgi
abcb14−2
amy3 bam1
isa1†
amy3
bam1
pgi
abcb14−1
ss4
Ediel
Emean
Arapid clo
Adiel
Adiel
Arapid op
ASQW
Δday
A1
Δday
σday
tday max
σday
tday max
A2
tnight min
tnight min
φ2
Σpreclo
Σpreclo
σnight
Σpreop
Σpreop
φ1
σnight
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