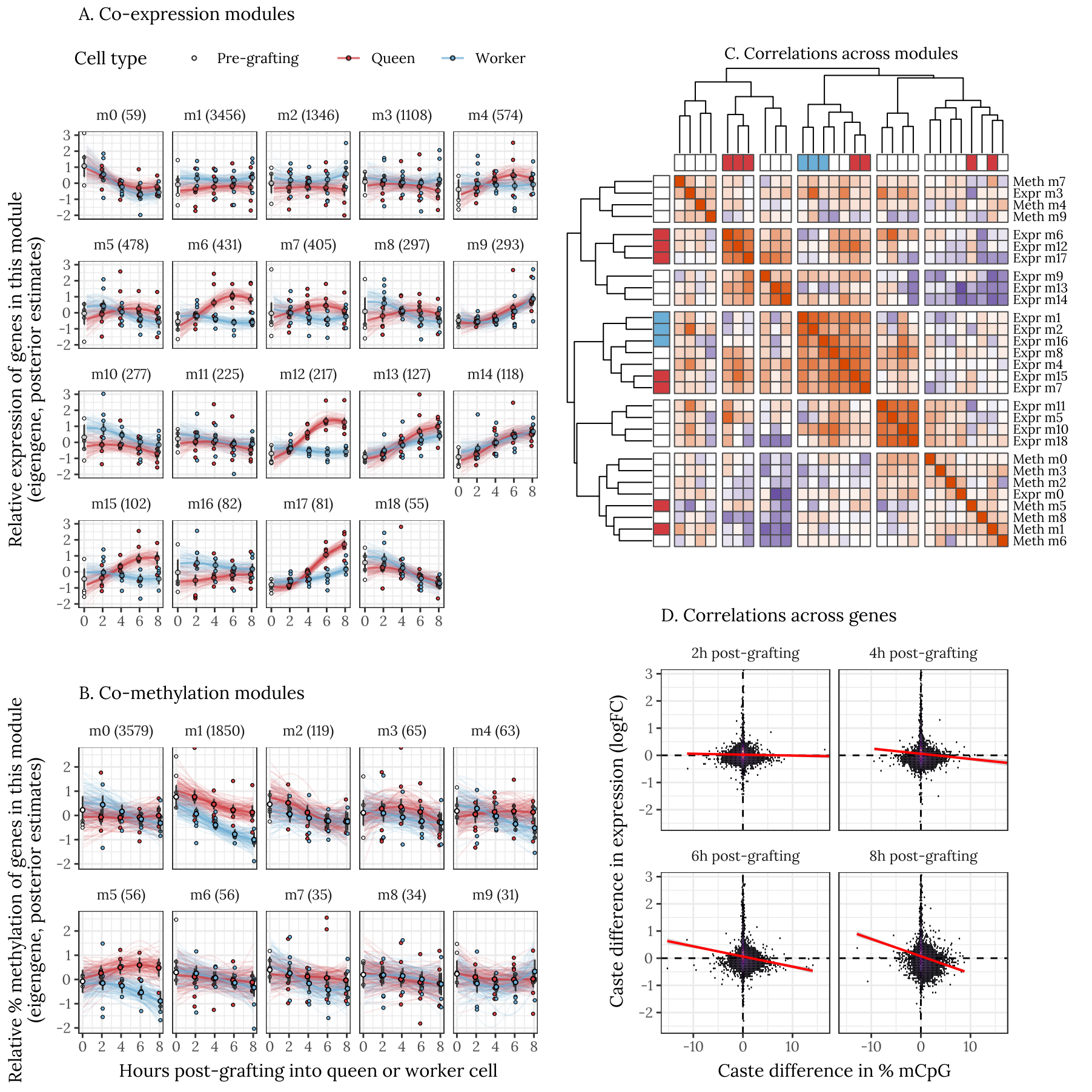
A. Co-expression modules
Cell type
Pre-grafting
Queen
Worker
m0 (59)
m1 (3456)
m2 (1346)
m3 (1108)
m4 (574)
m5 (478)
m6 (431)
m7 (405)
m8 (297)
m9 (293)
m10 (277)
m11 (225)
m12 (217)
m13 (127)
m14 (118)
m15 (102)
m16 (82)
m17 (81)
m18 (55)
Relative expression of genes in this module (eigengene, posterior estimates)
B. Co-methylation modules
m0 (3579)
m1 (1850)
m2 (119)
m3 (65)
m4 (63)
m5 (56)
m6 (56)
m7 (35)
m8 (34)
m9 (31)
Relative % methylation of genes in this module (eigengene, posterior estimates)
Hours post-grafting into queen or worker cell
C. Correlations across modules
Meth m7
Expr m3
Meth m4
Meth m9
Expr m6
Expr m12
Expr m17
Expr m9
Expr m13
Expr m14
Expr m1
Expr m2
Expr m16
Expr m8
Expr m4
Expr m15
Expr m7
Expr m11
Expr m5
Expr m10
Expr m18
Meth m0
Meth m3
Meth m2
Expr m0
Meth m5
Meth m8
Meth m1
Meth m6
D. Correlations across genes
2h post-grafting
4h post-grafting
6h post-grafting
8h post-grafting
Caste difference in expression (logFC)
Caste difference in % mCpG