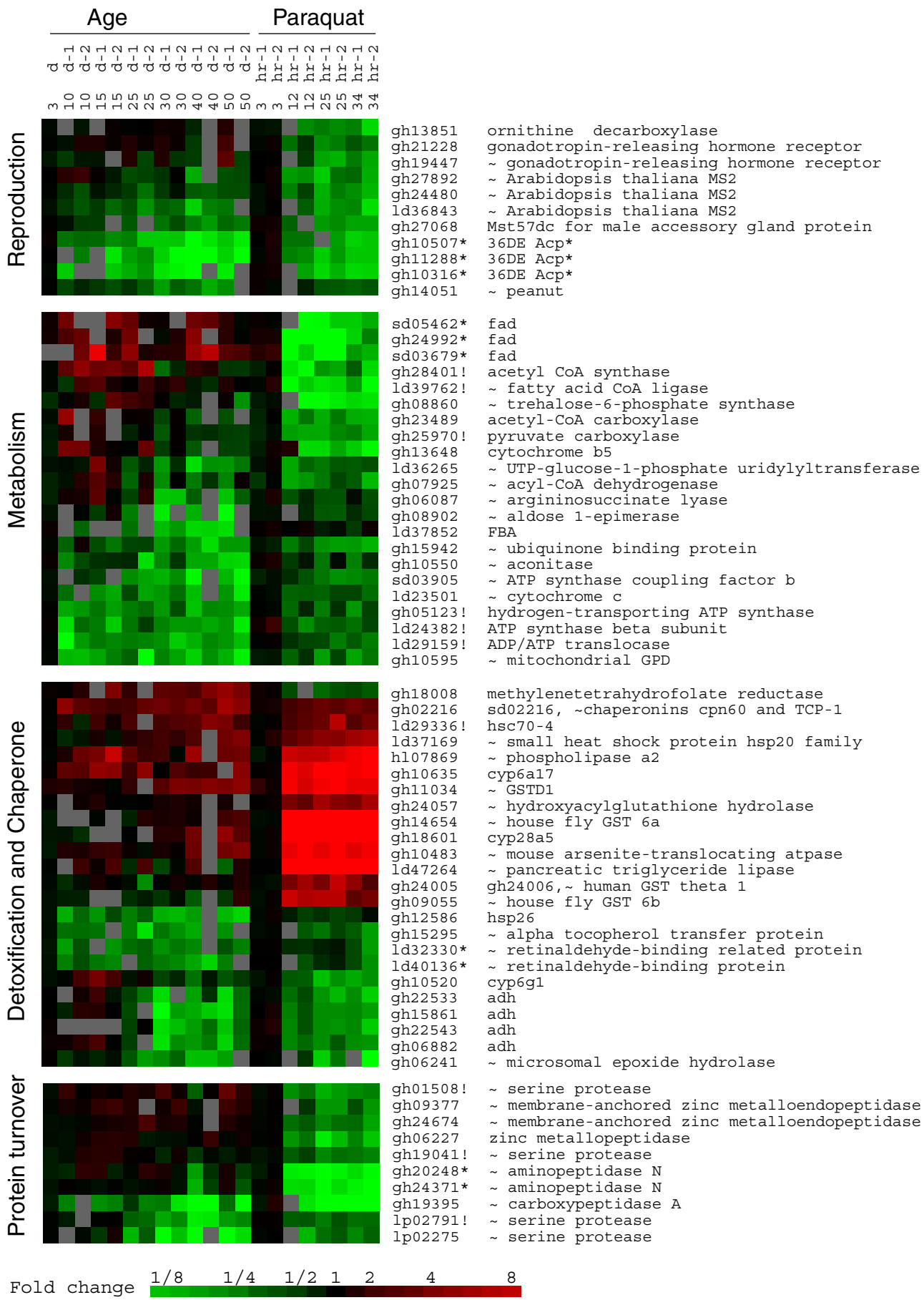
Age
Paraquat
3 d
10 d-1
10 d-2
15 d-1
15 d-2
25 d-1
25 d-2
30 d-1
30 d-2
40 d-1
40 d-2
50 d-1
50 d-2
3 hr-1
3 hr-2
12 hr-1
12 hr-2
25 hr-1
25 hr-2
34 hr-1
34 hr-2
Reproduction
gh13851 ornithine decarboxylase
gh21228 gonadotropin-releasing hormone receptor
gh19447 ~ gonadotropin-releasing hormone receptor
gh27892 ~ Arabidopsis thaliana MS2
gh24480 ~ Arabidopsis thaliana MS2
ld36843 ~ Arabidopsis thaliana MS2
gh27068 Mst57dc for male accessory gland protein
gh10507* 36DE Acp*
gh11288* 36DE Acp*
gh10316* 36DE Acp*
gh14051 ~ peanut
Metabolism
sd05462* fad
gh24992* fad
sd03679* fad
gh28401! acetyl CoA synthase
ld39762! ~ fatty acid CoA ligase
gh08860 ~ trehalose-6-phosphate synthase
gh23489 acetyl-CoA carboxylase
gh25970! pyruvate carboxylase
gh13648 cytochrome b5
ld36265 ~ UTP-glucose-1-phosphate uridylyltransferase
gh07925 ~ acyl-CoA dehydrogenase
gh06087 ~ argininosuccinate lyase
gh08902 ~ aldose 1-epimerase
ld37852 FBA
gh15942 ~ ubiquinone binding protein
gh10550 ~ aconitase
sd03905 ~ ATP synthase coupling factor b
ld23501 ~ cytochrome c
gh05123! hydrogen-transporting ATP synthase
ld24382! ATP synthase beta subunit
ld29159! ADP/ATP translocase
gh10595 ~ mitochondrial GPD
Detoxification and Chaperone
gh18008 methylenetetrahydrofolate reductase
gh02216 sd02216, ~chaperonins cpn60 and TCP-1
ld29336! hsc70-4
ld37169 ~ small heat shock protein hsp20 family
hl07869 ~ phospholipase a2
gh10635 cyp6a17
gh11034 ~ GSTD1
gh24057 ~ hydroxyacylglutathione hydrolase
gh14654 ~ house fly GST 6a
gh18601 cyp28a5
gh10483 ~ mouse arsenite-translocating atpase
ld47264 ~ pancreatic triglyceride lipase
gh24005 gh24006,~ human GST theta 1
gh09055 ~ house fly GST 6b
gh12586 hsp26
gh15295 ~ alpha tocopherol transfer protein
ld32330* ~ retinaldehyde-binding related protein
ld40136* ~ retinaldehyde-binding protein
gh10520 cyp6g1
gh22533 adh
gh15861 adh
gh22543 adh
gh06882 adh
gh06241 ~ microsomal epoxide hydrolase
Protein turnover
gh01508! ~ serine protease
gh09377 ~ membrane-anchored zinc metalloendopeptidase
gh24674 ~ membrane-anchored zinc metalloendopeptidase
gh06227 zinc metallopeptidase
gh19041! ~ serine protease
gh20248* ~ aminopeptidase N
gh24371* ~ aminopeptidase N
gh19395 ~ carboxypeptidase A
lp02791! ~ serine protease
lp02275 ~ serine protease
Fold change
1/8 1/4 1/2 1 2 4 8