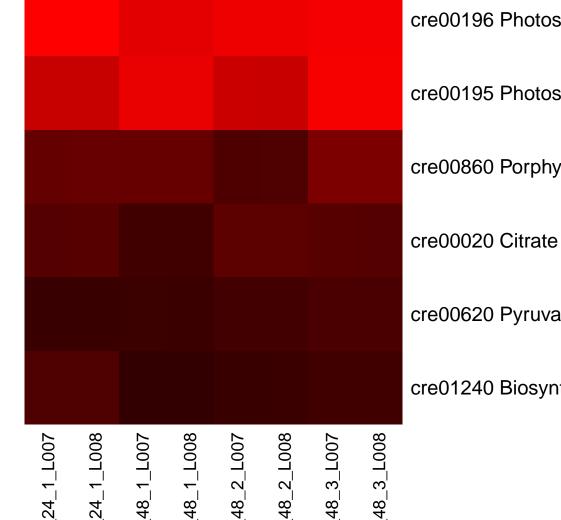


## **GAGE Up-test: -log10(p-value)**



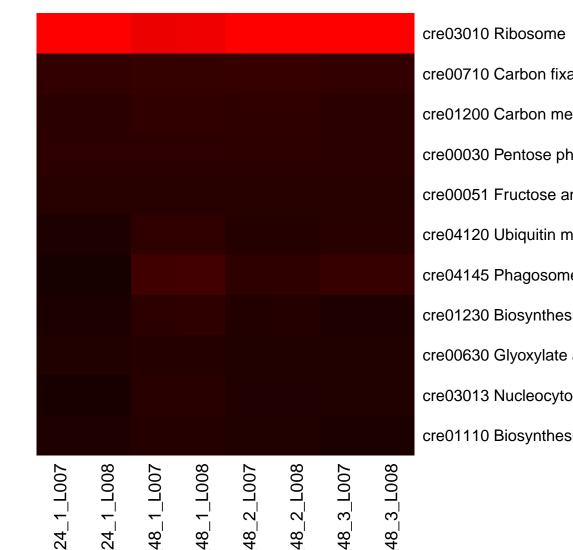
cre00860 Porphy

cre00020 Citrate

cre00620 Pyruva



## GAGE Down-test: -log10(p-value)



## Color Key -4 0 Value

## **GAGE** test statistics

