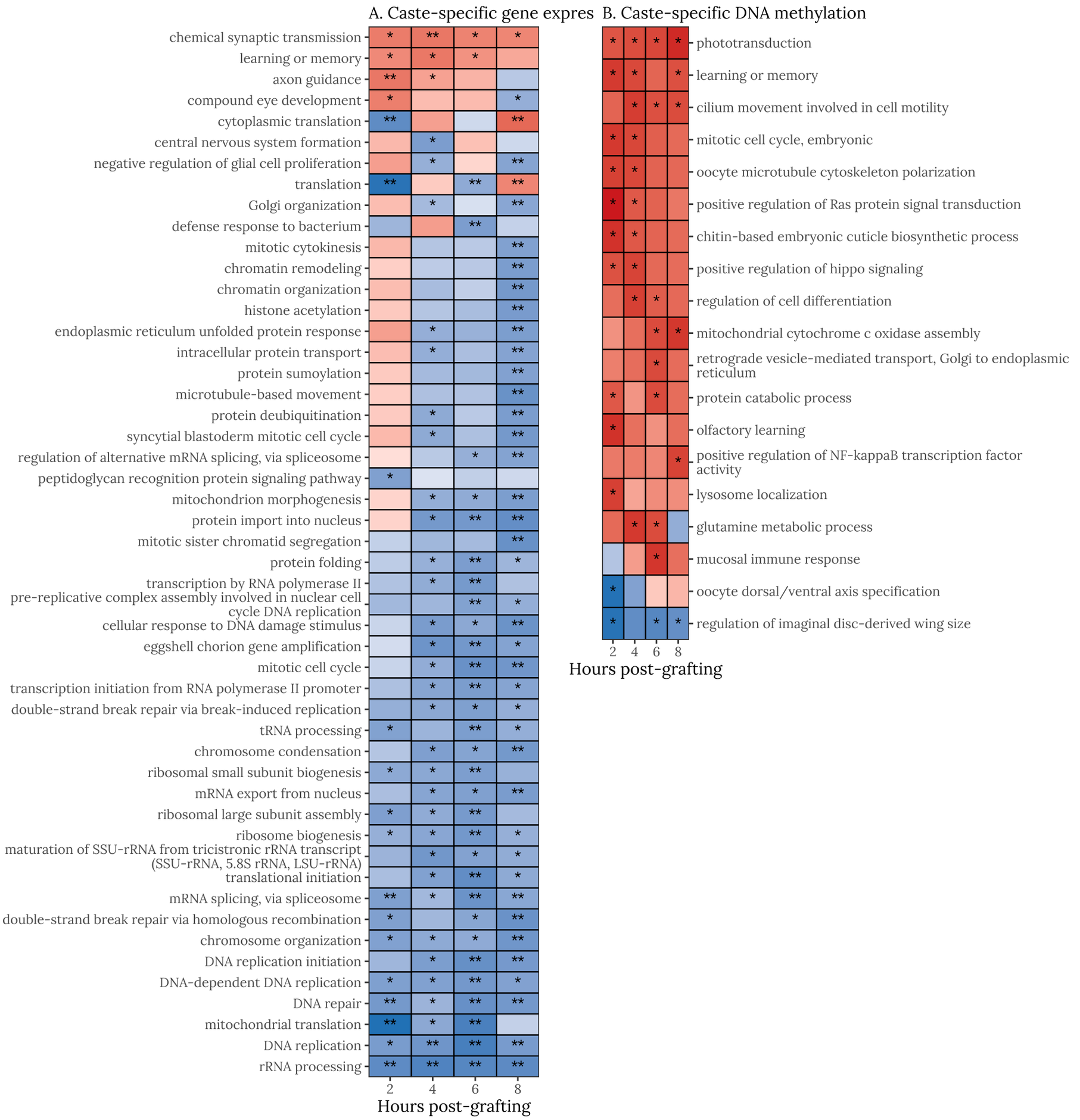
A. Caste-specific gene expres
chemical synaptic transmission
learning or memory
axon guidance
compound eye development
cytoplasmic translation
central nervous system formation
negative regulation of glial cell proliferation
translation
Golgi organization
defense response to bacterium
mitotic cytokinesis
chromatin remodeling
chromatin organization
histone acetylation
endoplasmic reticulum unfolded protein response
intracellular protein transport
protein sumoylation
microtubule-based movement
protein deubiquitination
syncytial blastoderm mitotic cell cycle
regulation of alternative mRNA splicing, via spliceosome
peptidoglycan recognition protein signaling pathway
mitochondrion morphogenesis
protein import into nucleus
mitotic sister chromatid segregation
protein folding
transcription by RNA polymerase II
pre-replicative complex assembly involved in nuclear cell cycle DNA replication
cellular response to DNA damage stimulus
eggshell chorion gene amplification
mitotic cell cycle
transcription initiation from RNA polymerase II promoter
double-strand break repair via break-induced replication
tRNA processing
chromosome condensation
ribosomal small subunit biogenesis
mRNA export from nucleus
ribosomal large subunit assembly
ribosome biogenesis
maturation of SSU-rRNA from tricistronic rRNA transcript (SSU-rRNA, 5.8S rRNA, LSU-rRNA)
translational initiation
mRNA splicing, via spliceosome
double-strand break repair via homologous recombination
chromosome organization
DNA replication initiation
DNA-dependent DNA replication
DNA repair
mitochondrial translation
DNA replication
rRNA processing
2
4
6
8
Hours post-grafting
B. Caste-specific DNA methylation
phototransduction
learning or memory
cilium movement involved in cell motility
mitotic cell cycle, embryonic
oocyte microtubule cytoskeleton polarization
positive regulation of Ras protein signal transduction
chitin-based embryonic cuticle biosynthetic process
positive regulation of hippo signaling
regulation of cell differentiation
mitochondrial cytochrome c oxidase assembly
retrograde vesicle-mediated transport, Golgi to endoplasmic reticulum
protein catabolic process
olfactory learning
positive regulation of NF-kappaB transcription factor activity
lysosome localization
glutamine metabolic process
mucosal immune response
oocyte dorsal/ventral axis specification
regulation of imaginal disc-derived wing size
2
4
6
8
Hours post-grafting