A. Caste-specific gene expressio B. Caste-specific DNA methylation

A. Caste-specific gene ex				
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 -	alada	*	**	*
mRNA splicing, via spliceosome -	**	*	**	**
double-strand break repair via homologous recombination -	*	, I.	*	**
chromosome organization -	*	*	*	**
DNA replication initiation -	4	*	**	**
DNA-dependent DNA replication -	*	*	**	*
DNA repair -	**	*	**	**
mitochondrial translation -	**	*	**	ale ale
DNA replication -		**	**	**
rRNA processing -	_	**	**	**
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