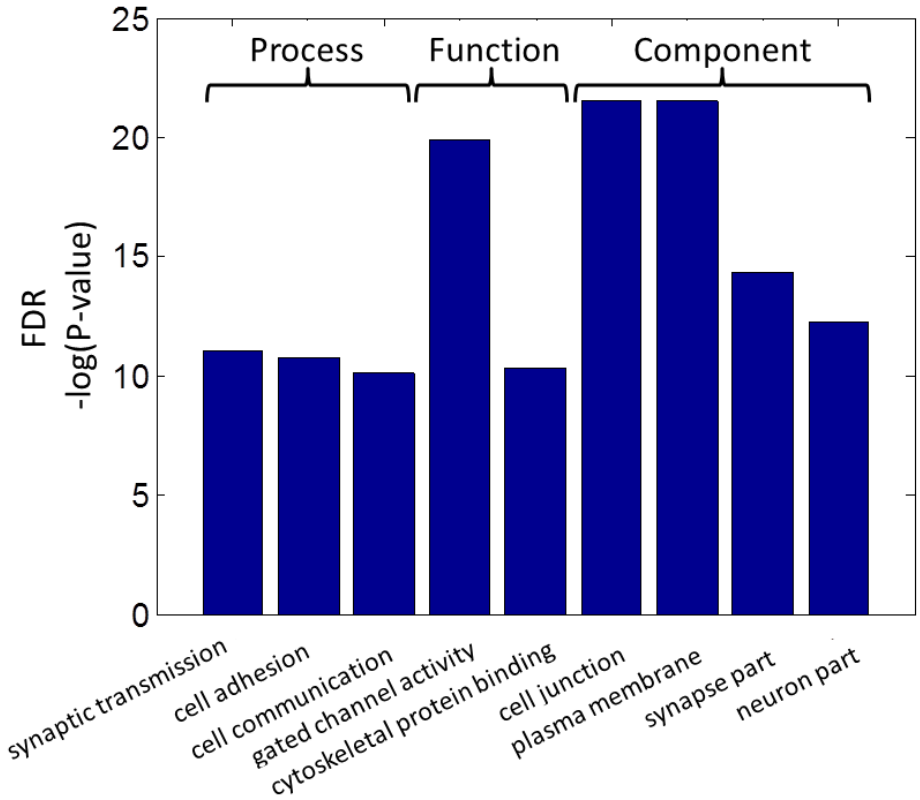
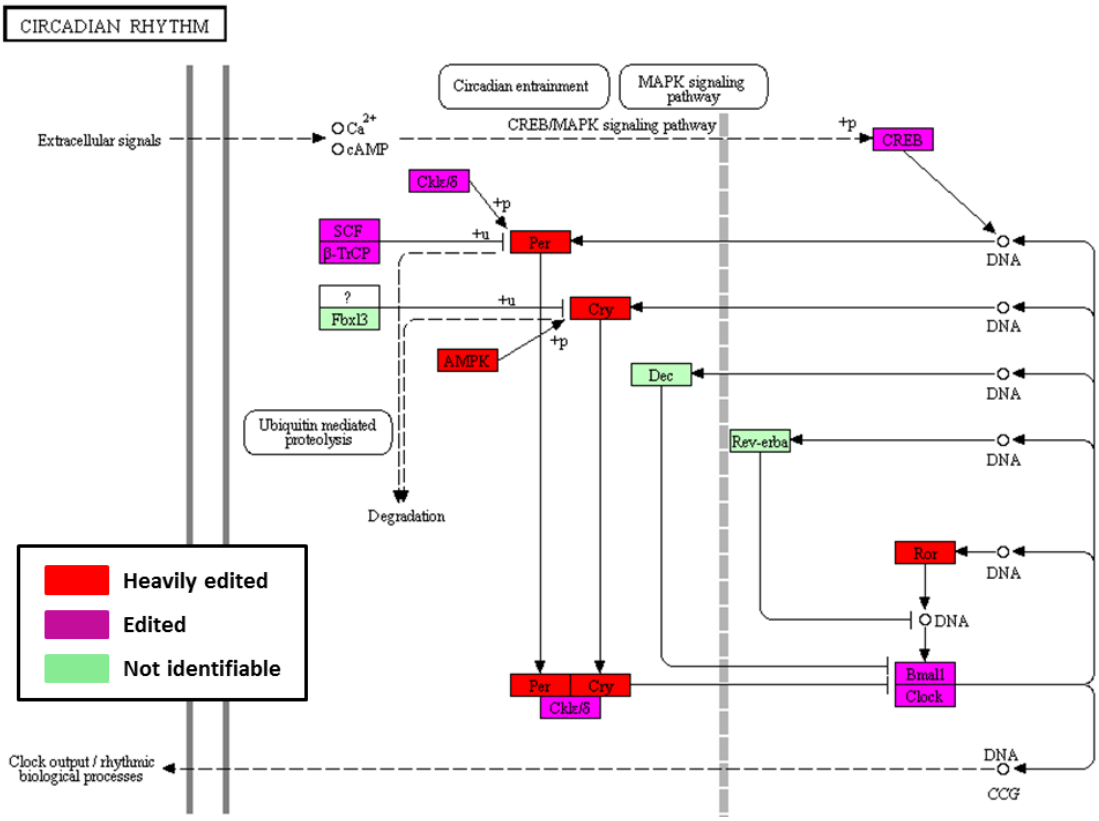
a


Process
Function
Component
FDR
-log(P-value)
25
20
15
10
5
0
synaptic transmission
cell adhesion
cell communication
gated channel activity
cytoskeletal protein binding
cell junction
plasma membrane
synapse part
neuron part

b


CIRCADIAN RHYTHM
Circadian entrainment
MAPK signaling pathway
Extracellular signals
Ca2+
cAMP
CREB/MAPK signaling pathway
+p
CREB
Cklε/δ
+p
SCF
β-TrCP
+u
Per
DNA
?
Fbxl3
+u
Cry
DNA
AMPK
+p
Dec
DNA
Ubiquitin mediated proteolysis
Rev-erbα
DNA
Degradation
Ror
DNA
DNA
Bmal1
Clock
Per
Cry
Cklε/δ
Heavily edited
Edited
Not identifiable
Clock output / rhythmic biological processes
DNA
CCG