

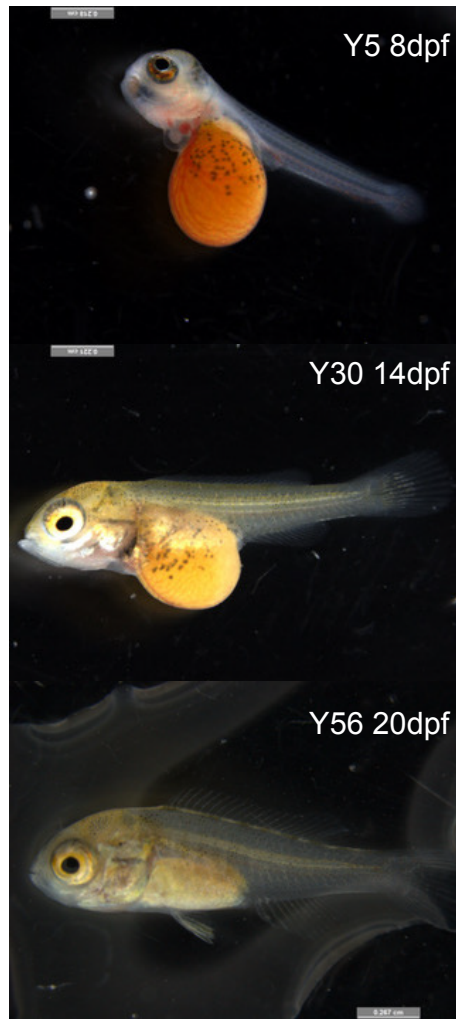
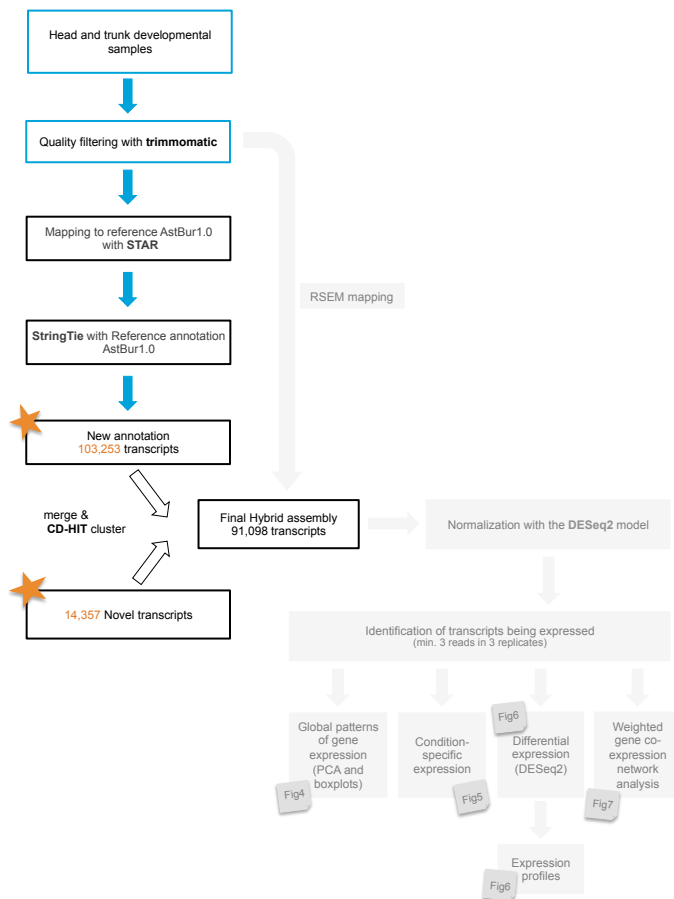


Figure S1

A



B

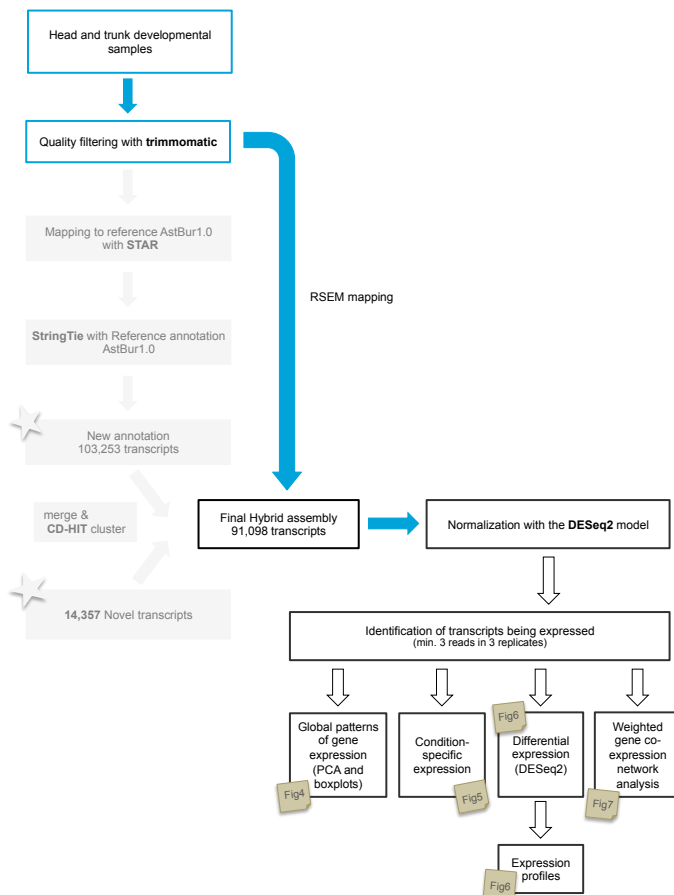


Figure S2

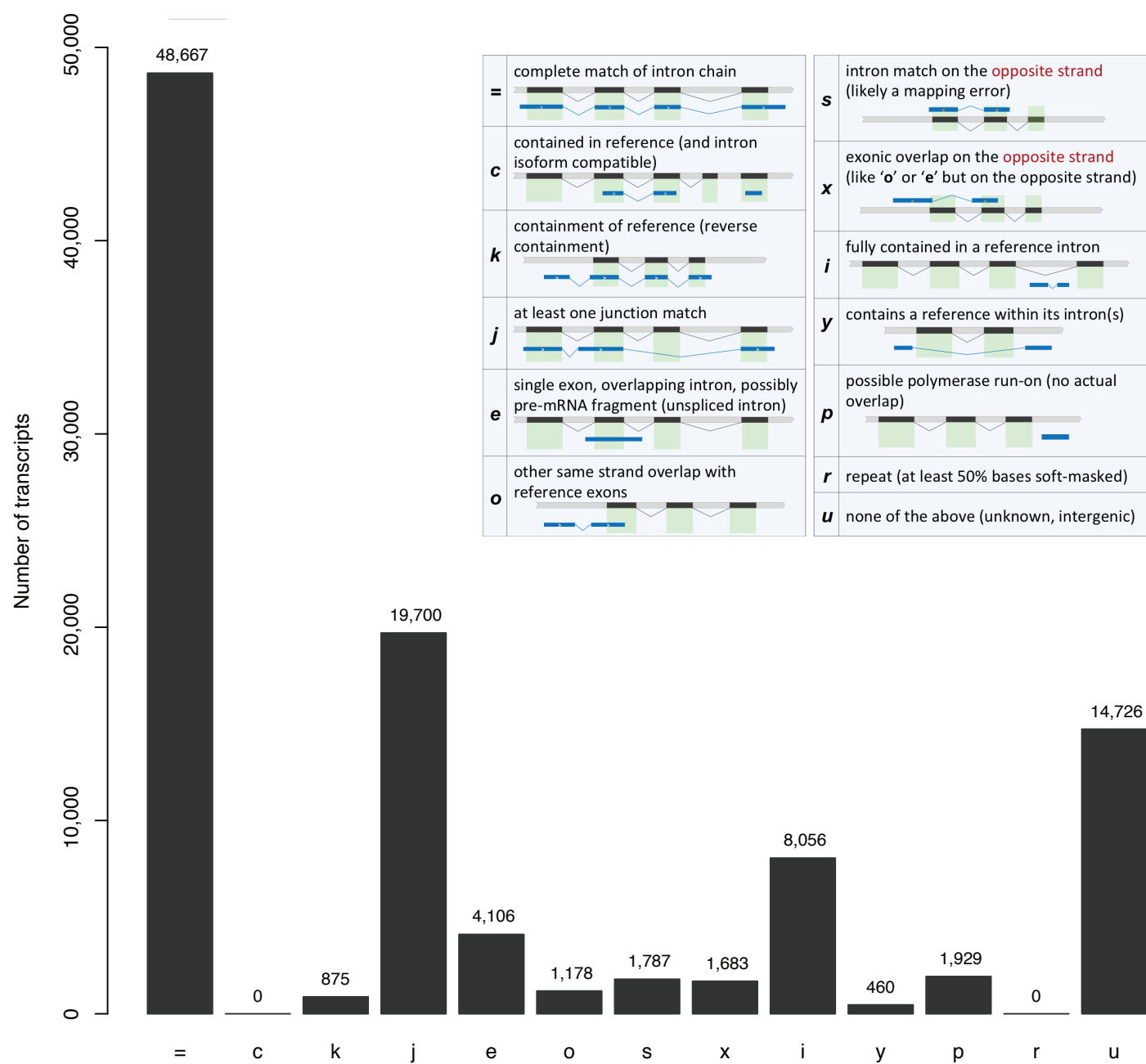


Figure S3

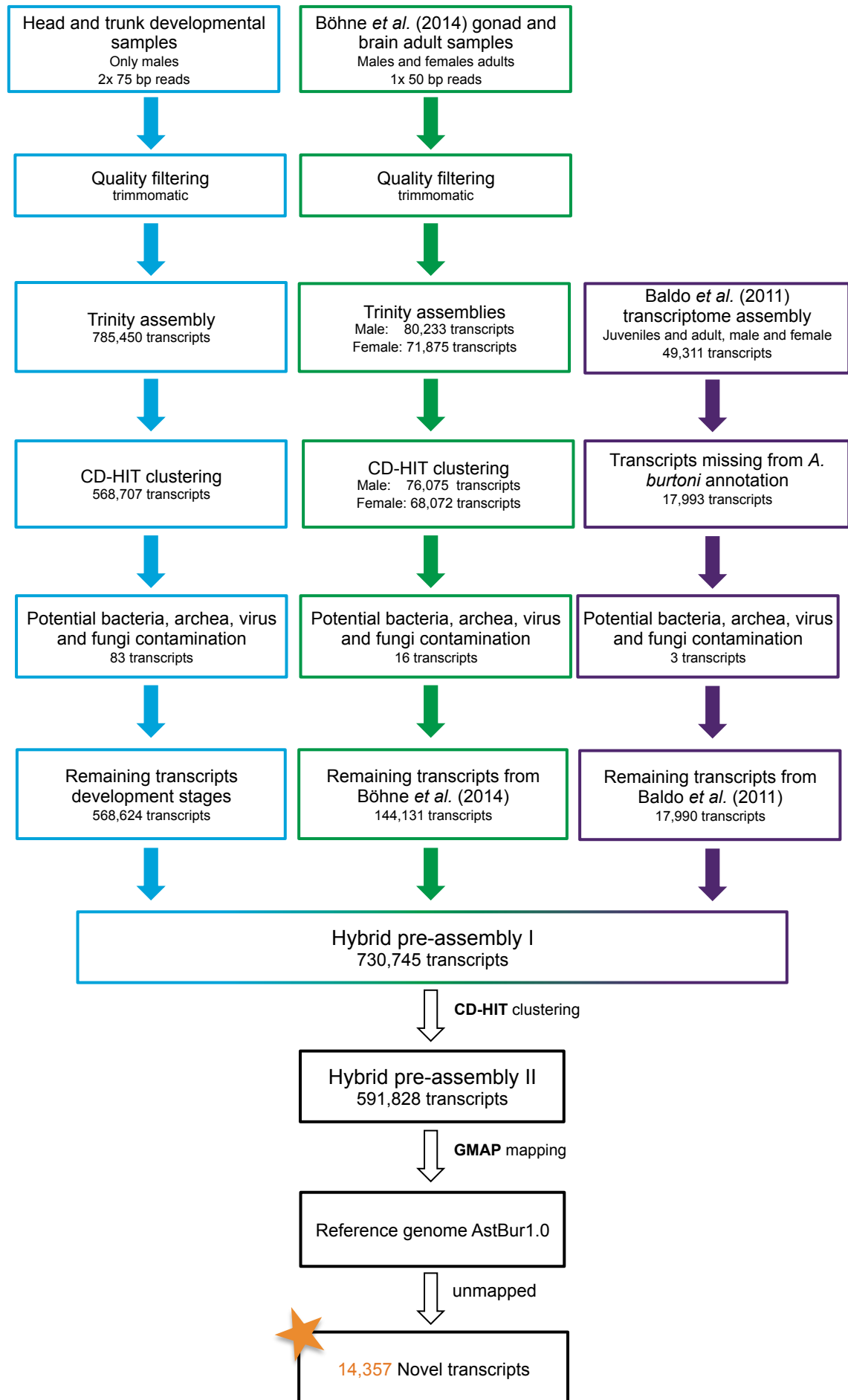


Figure S4

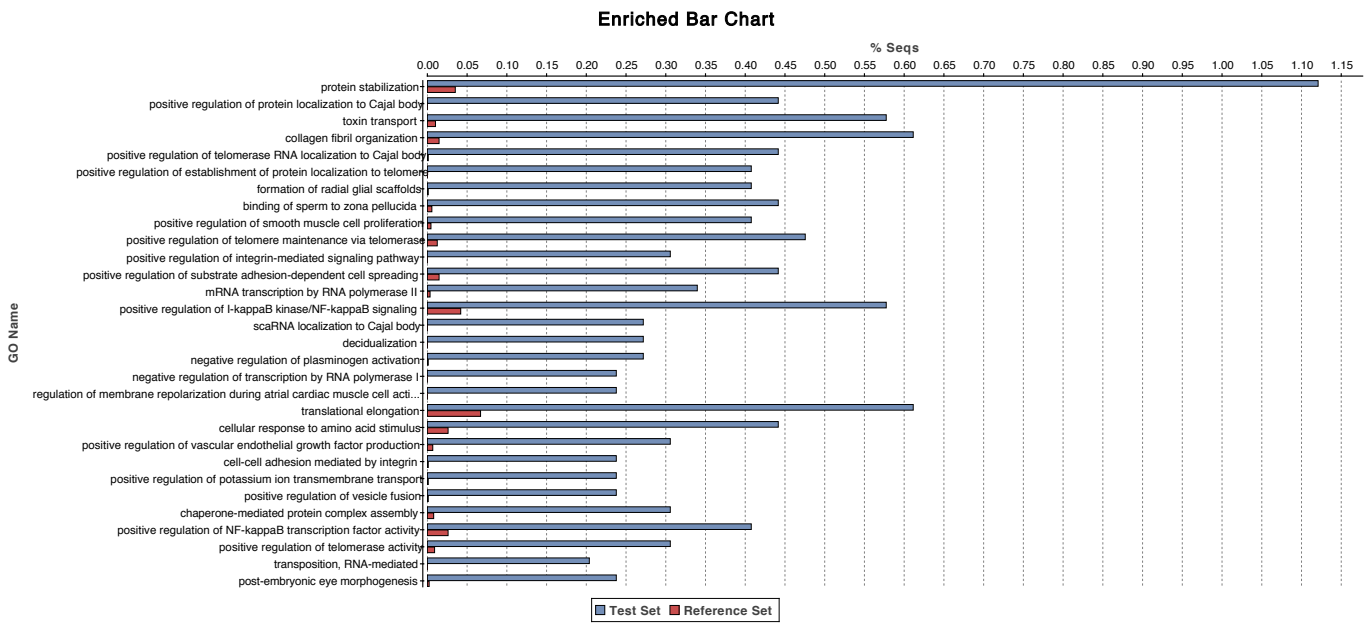
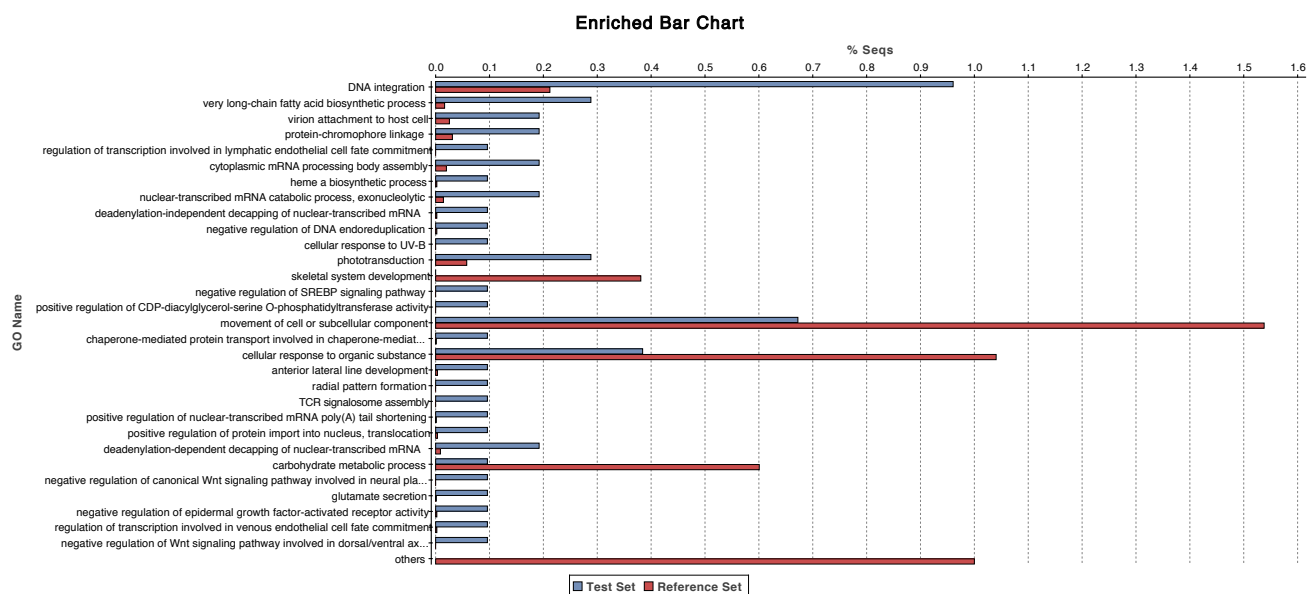


Figure S5

A



B

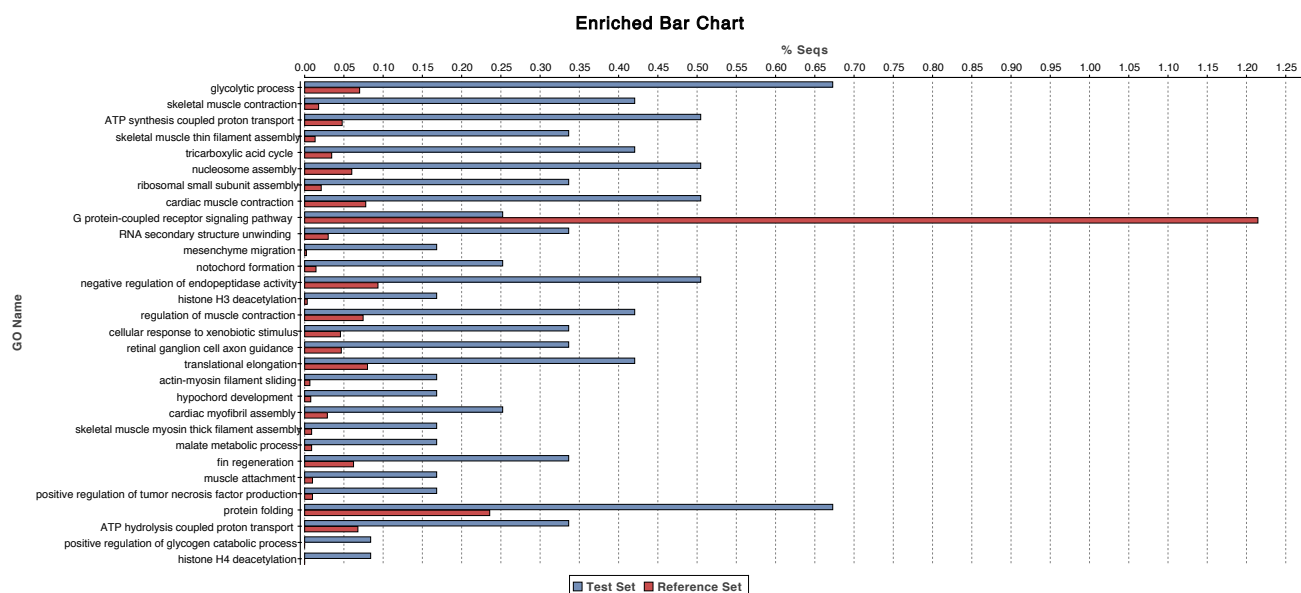
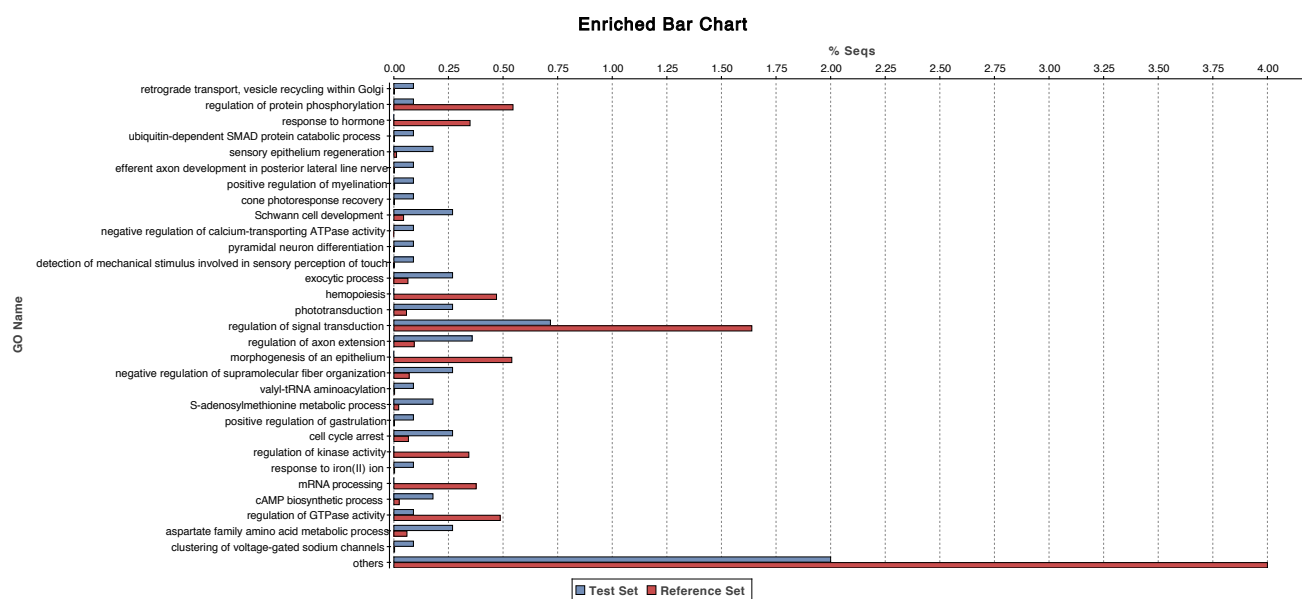


Figure S6

A



B

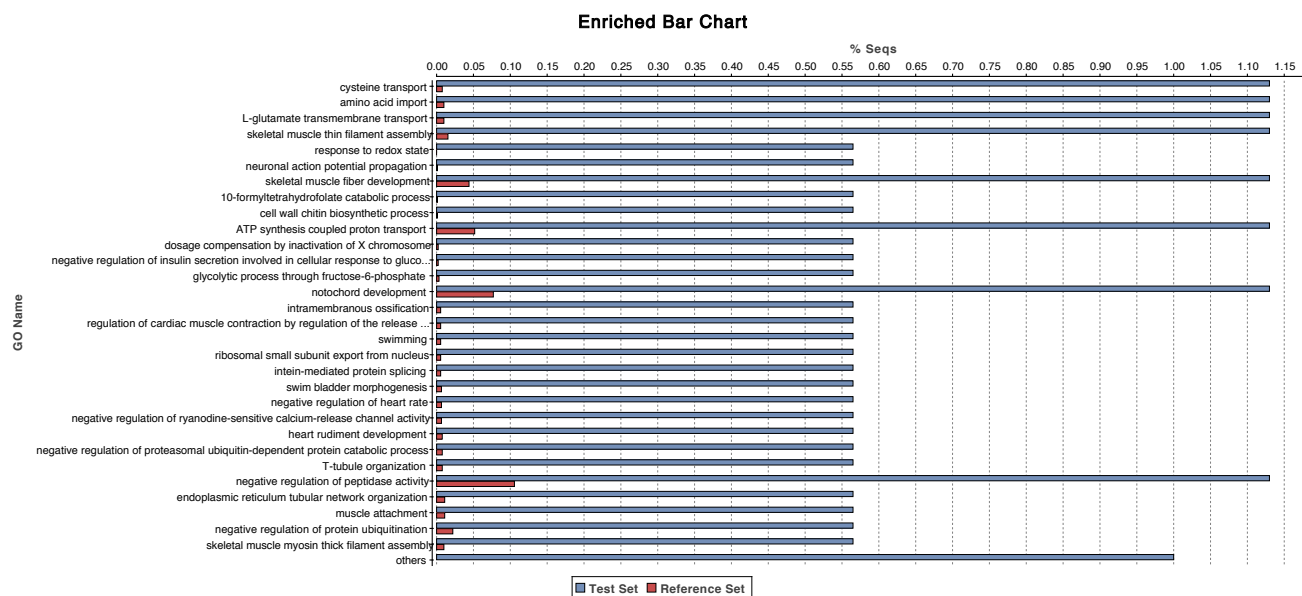
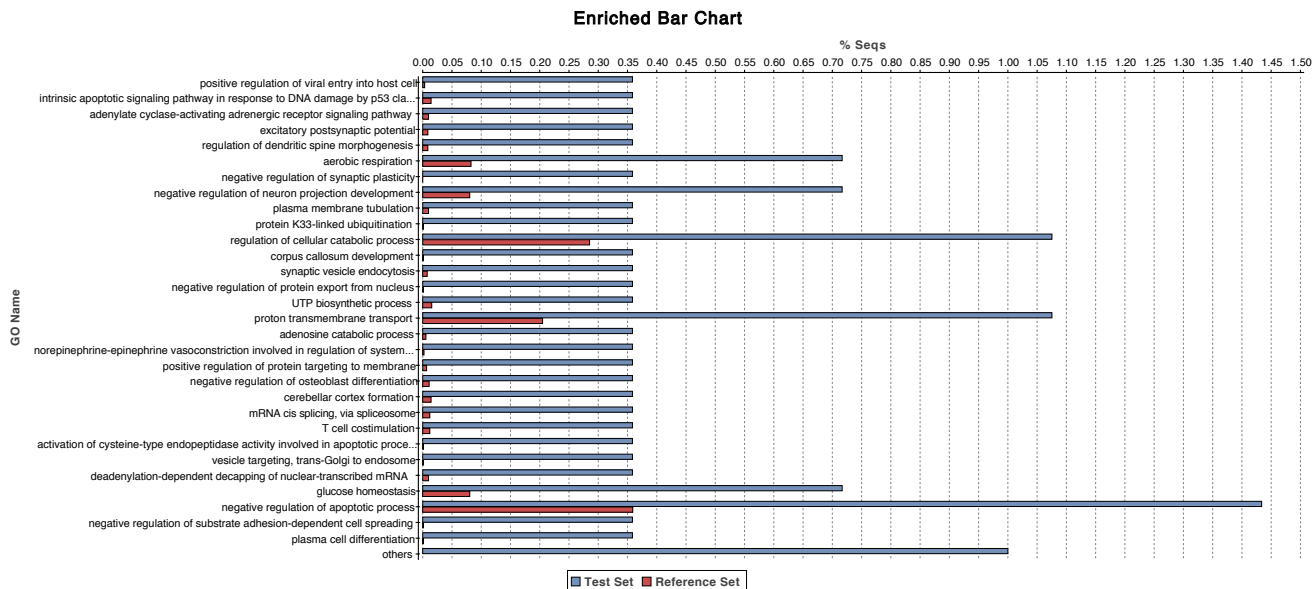
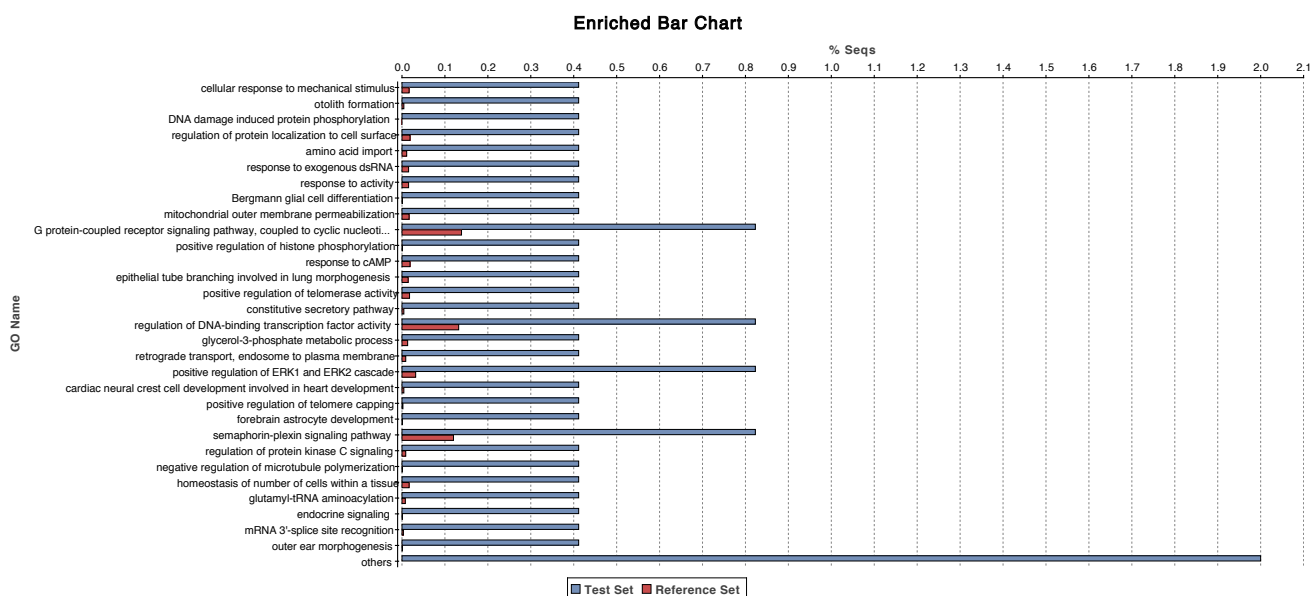


Figure S7

C



D



E

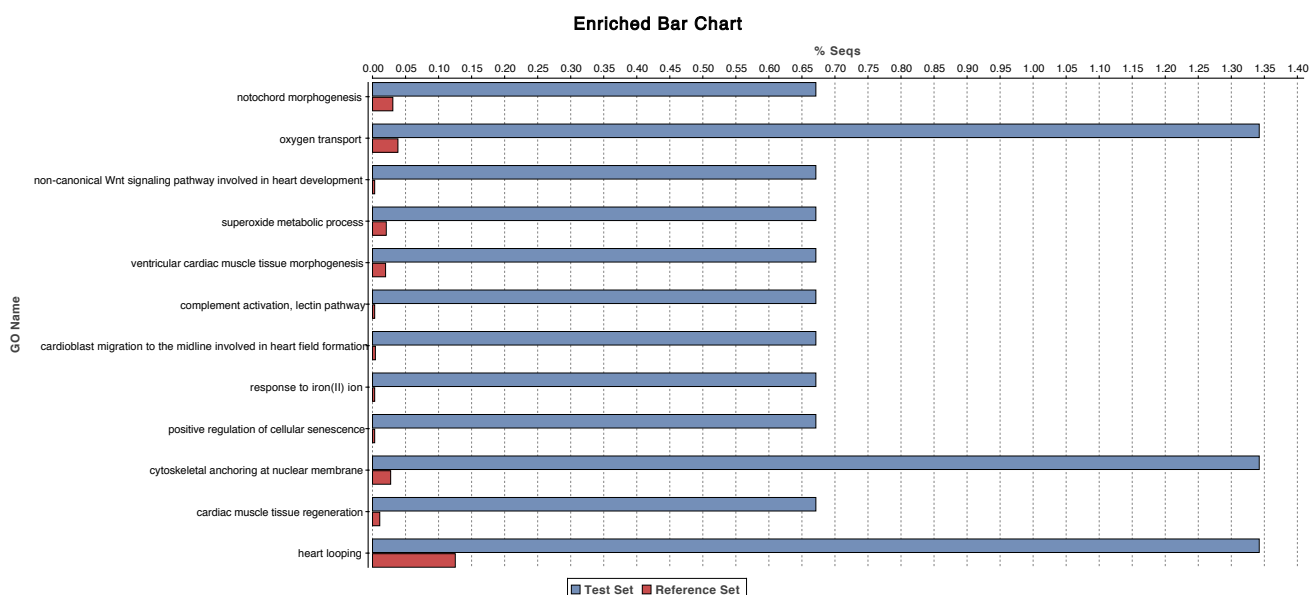
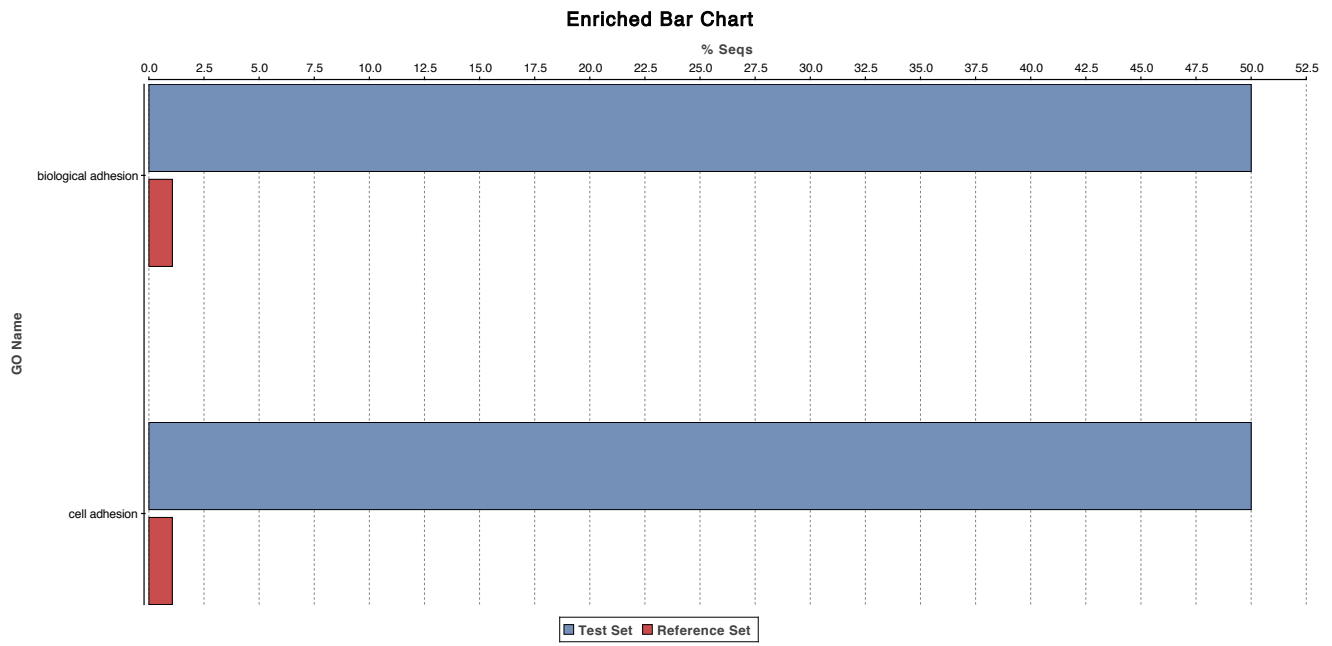


Figure S7

A



B

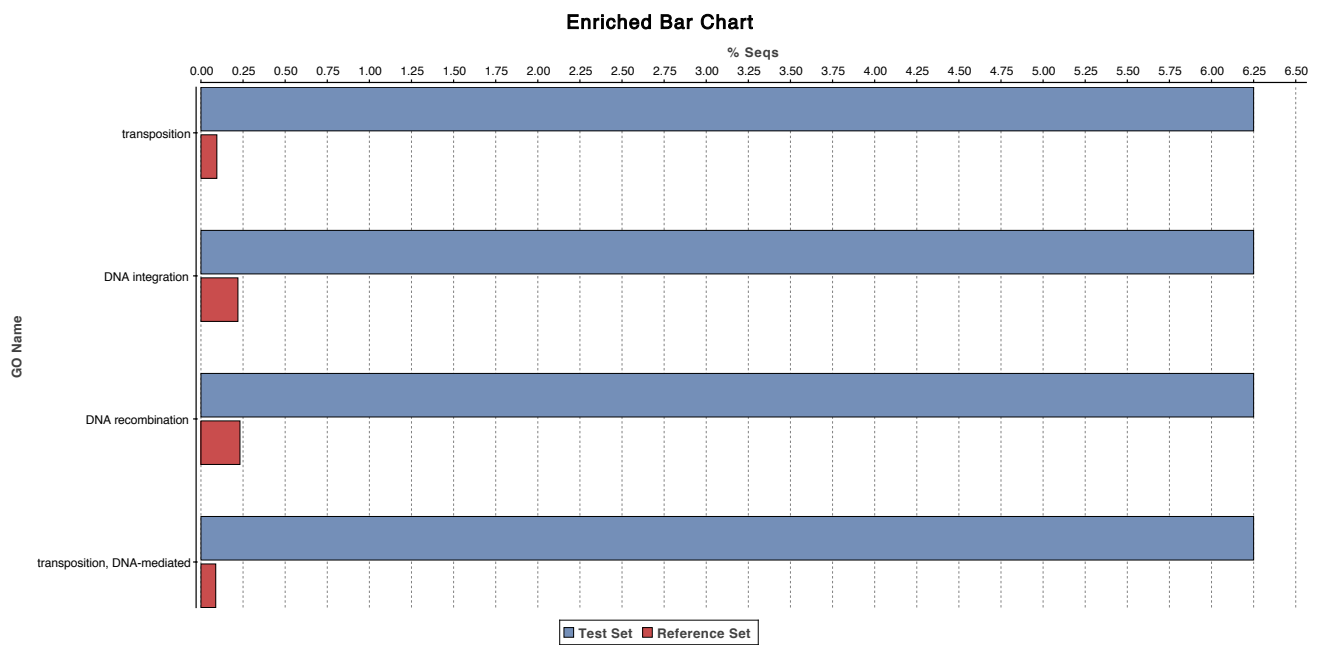
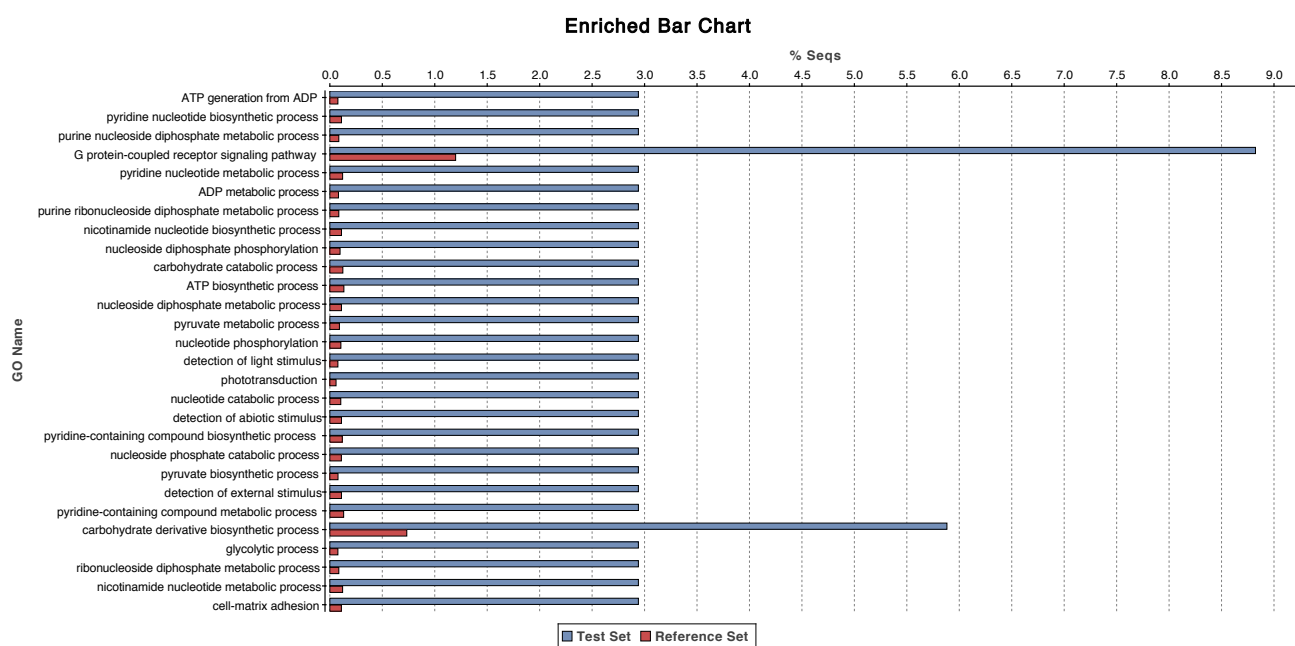


Figure S8

A



B

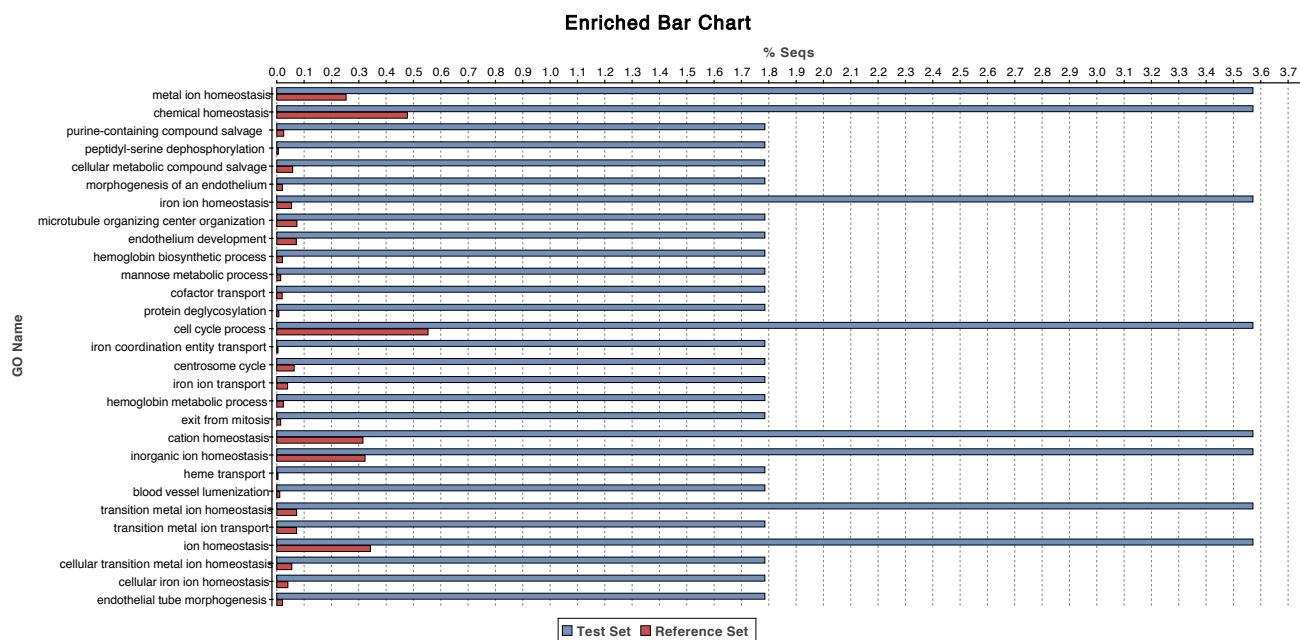


Figure S9

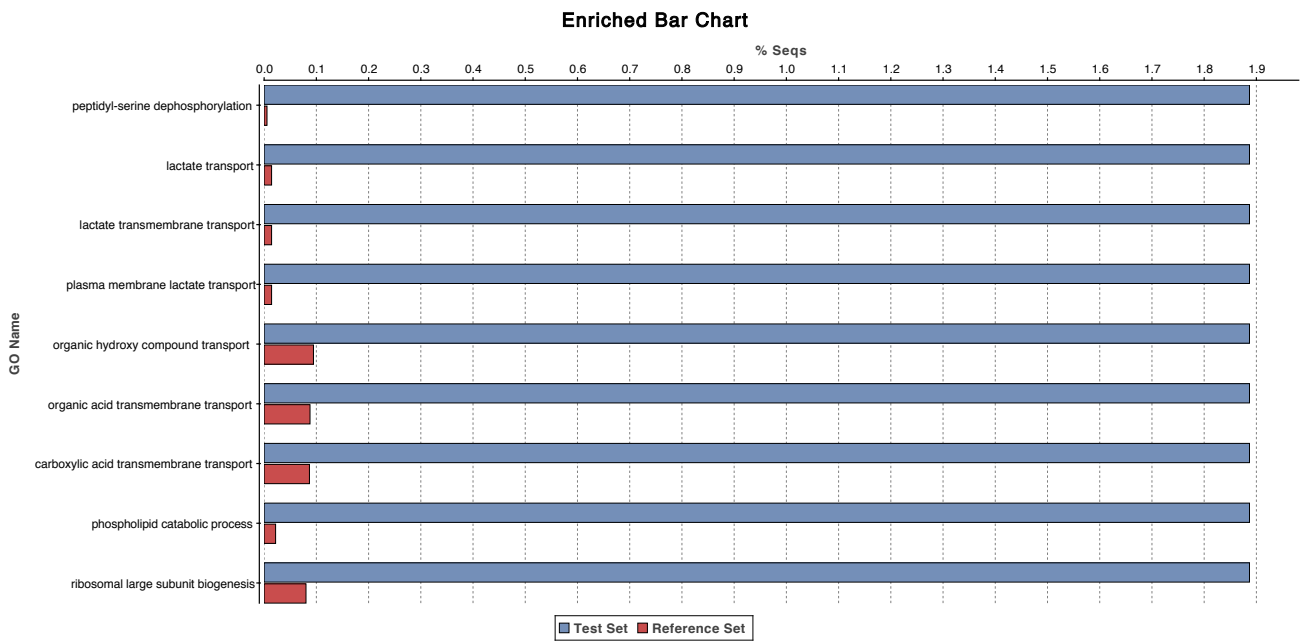
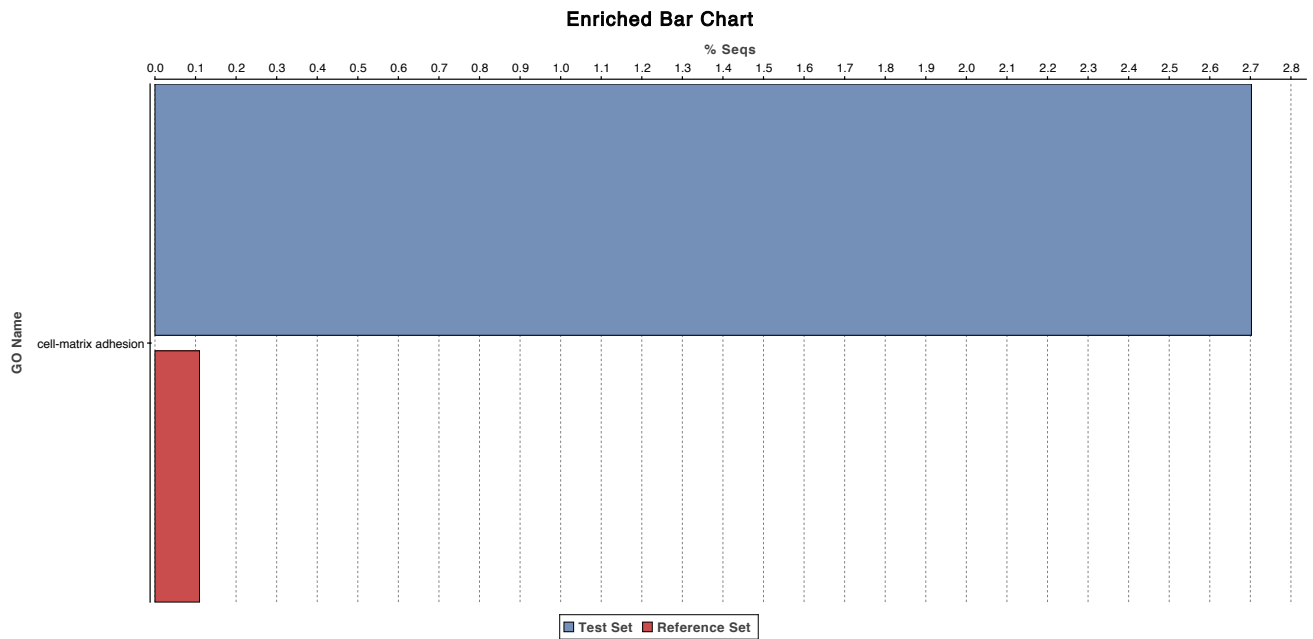


Figure S10

A



B

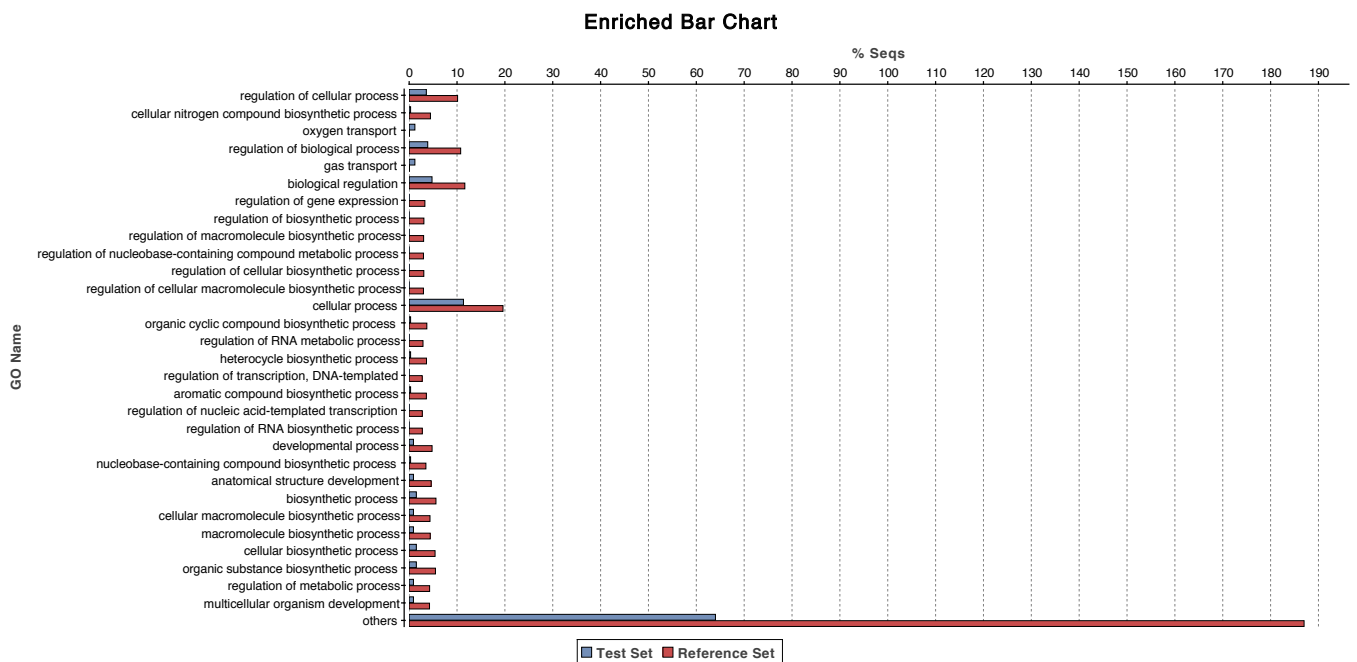
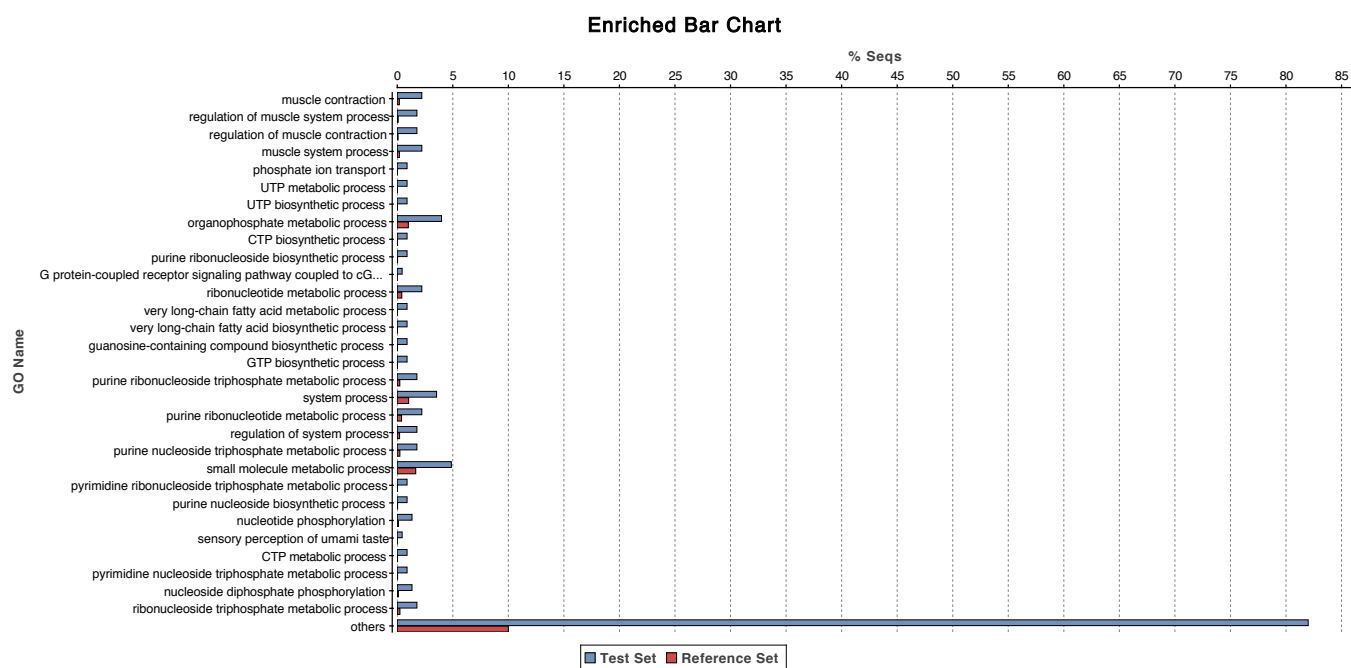


Figure S11

A



B

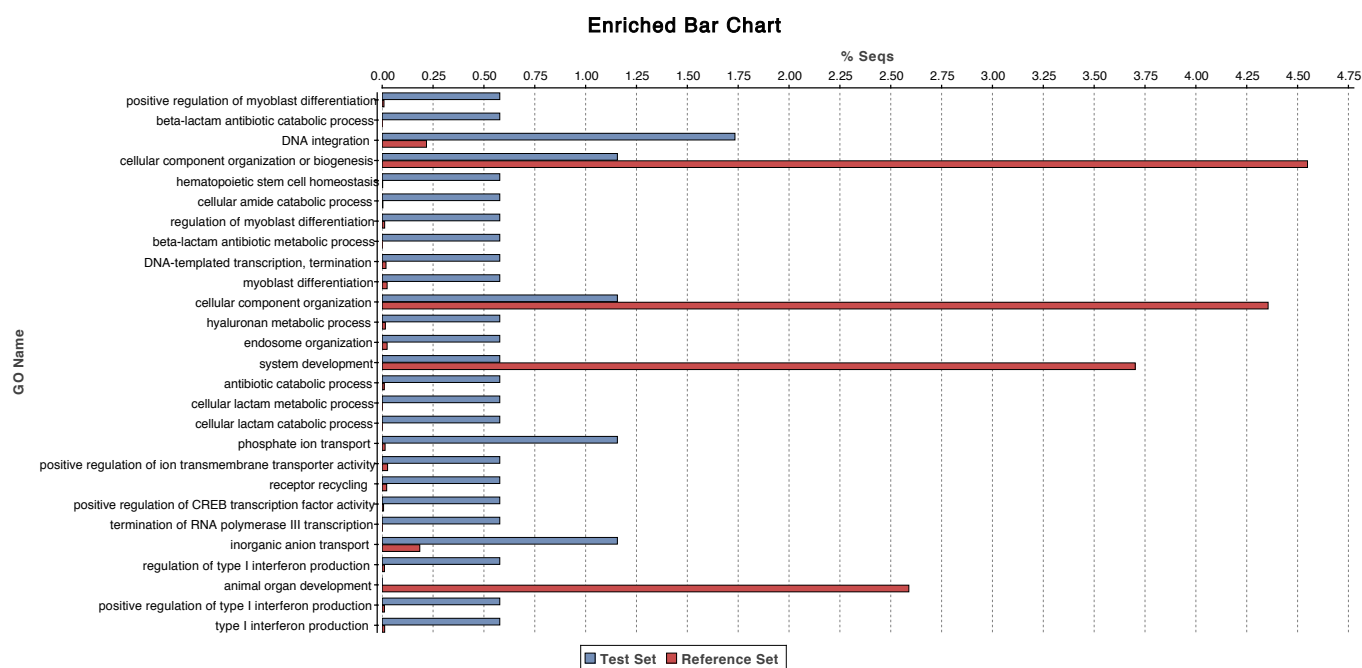
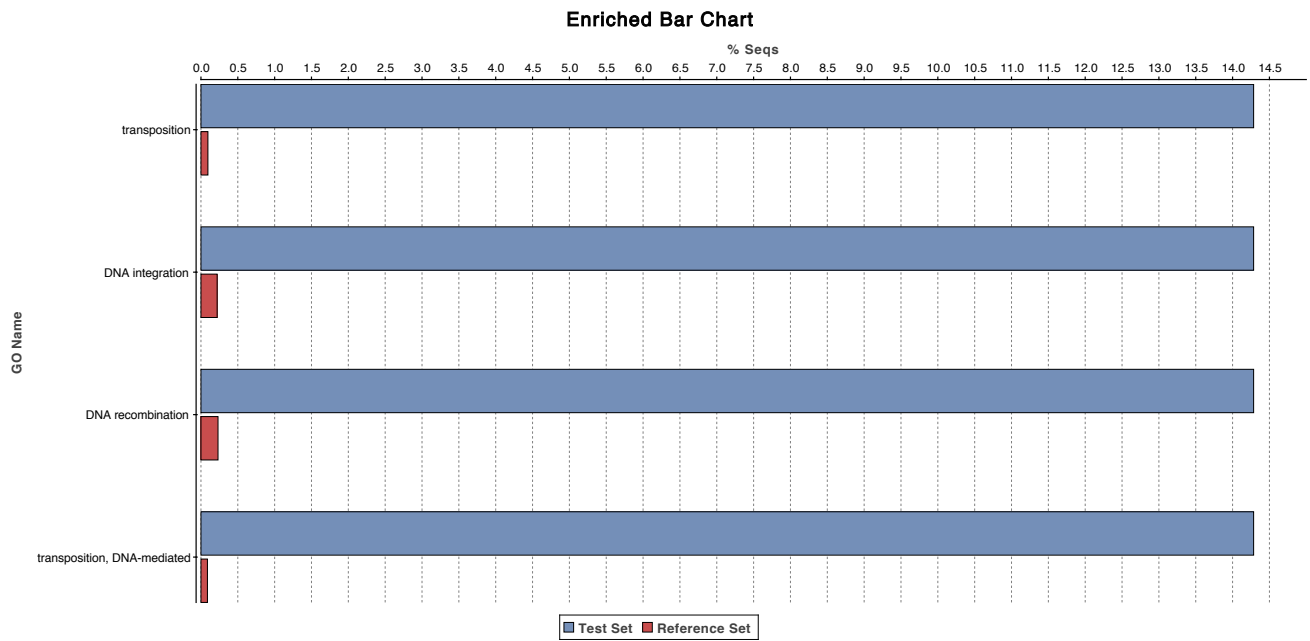


Figure S12

A



B

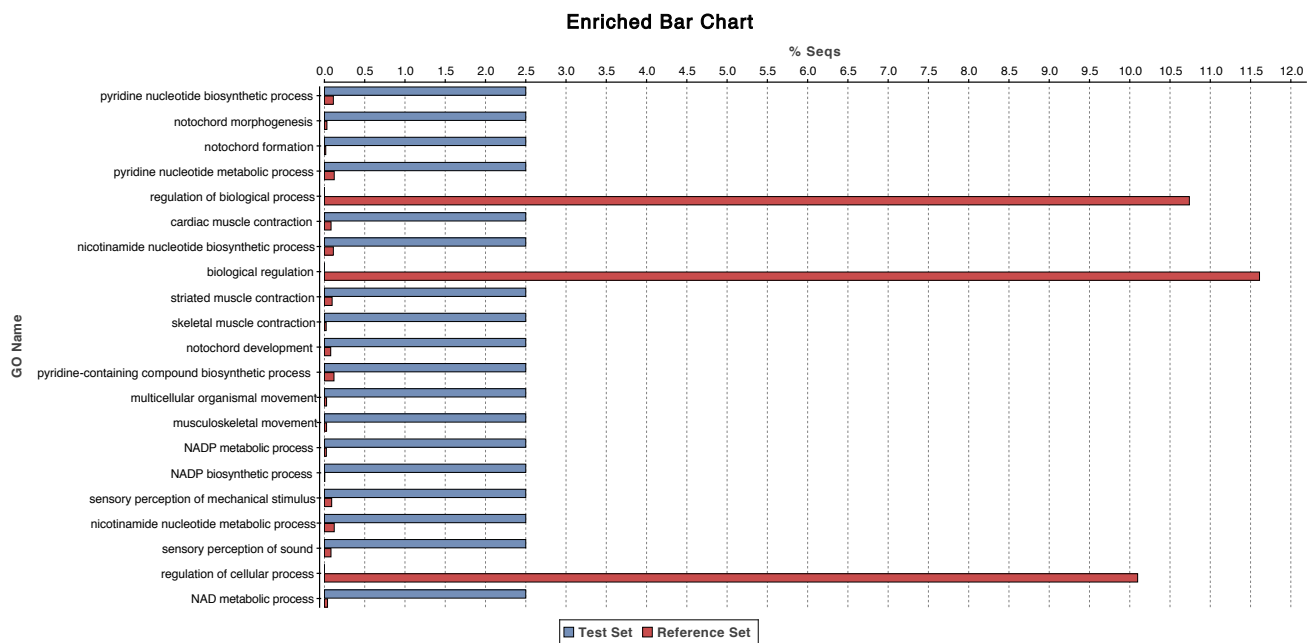
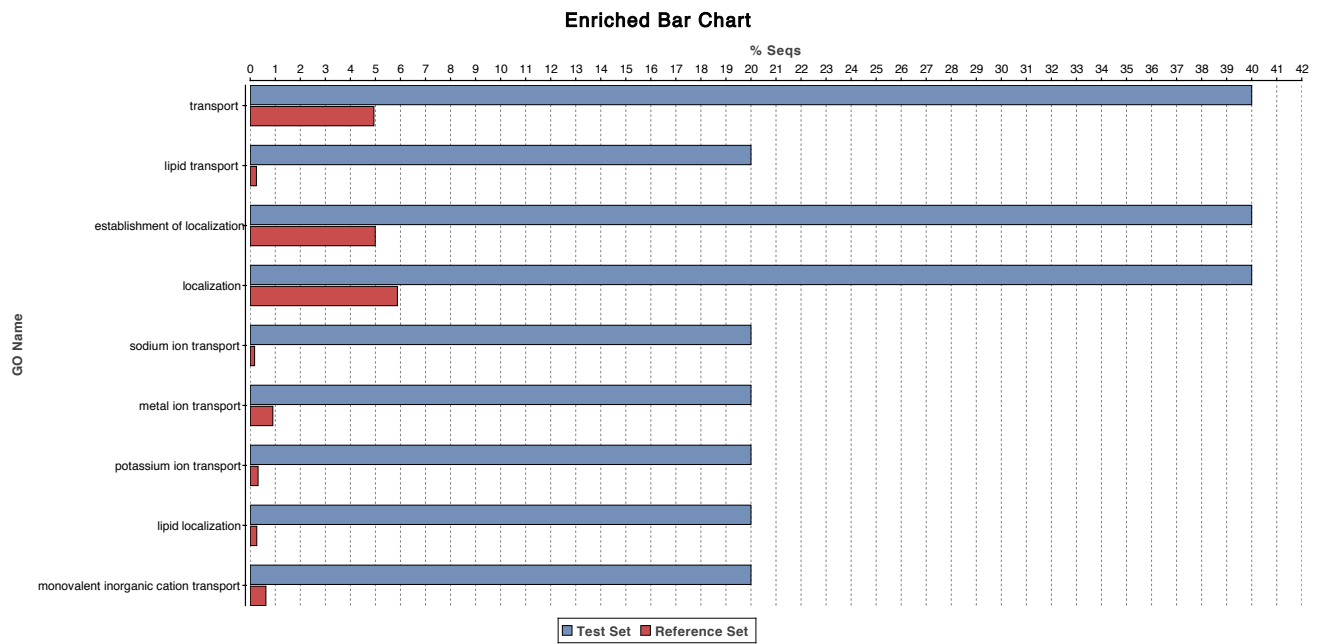


Figure S13

A



B

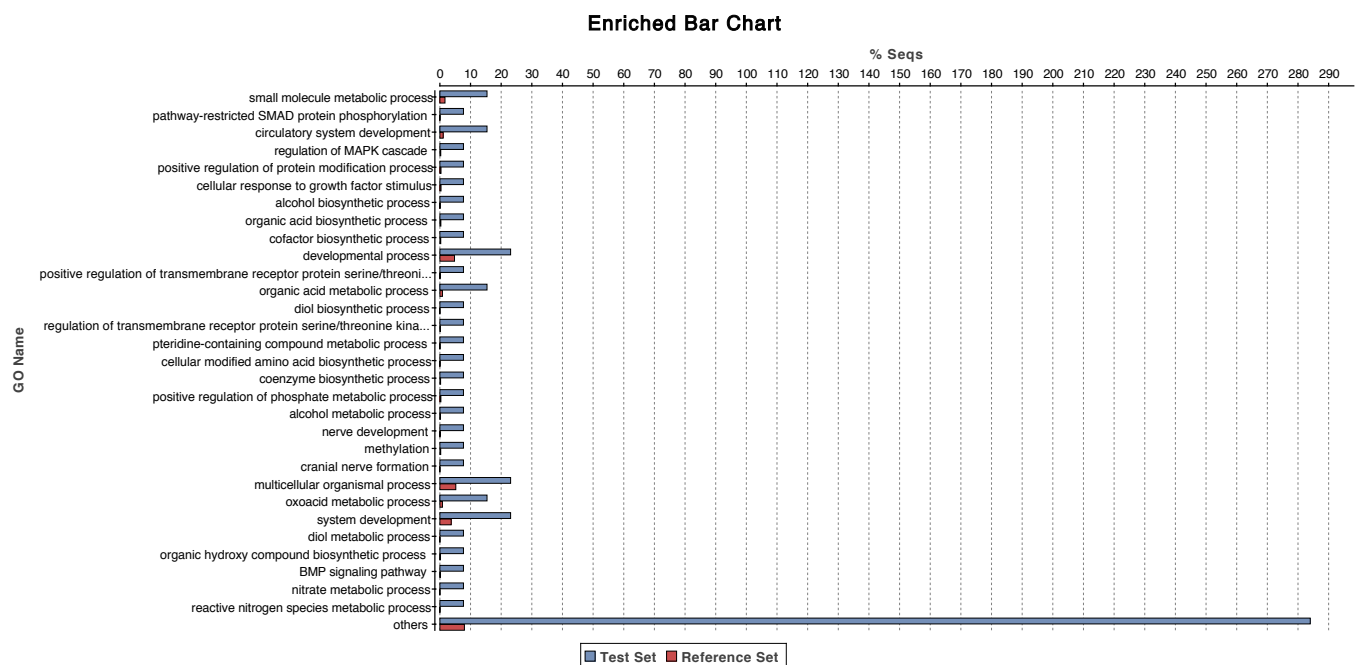


Figure S14

Enriched Bar Chart

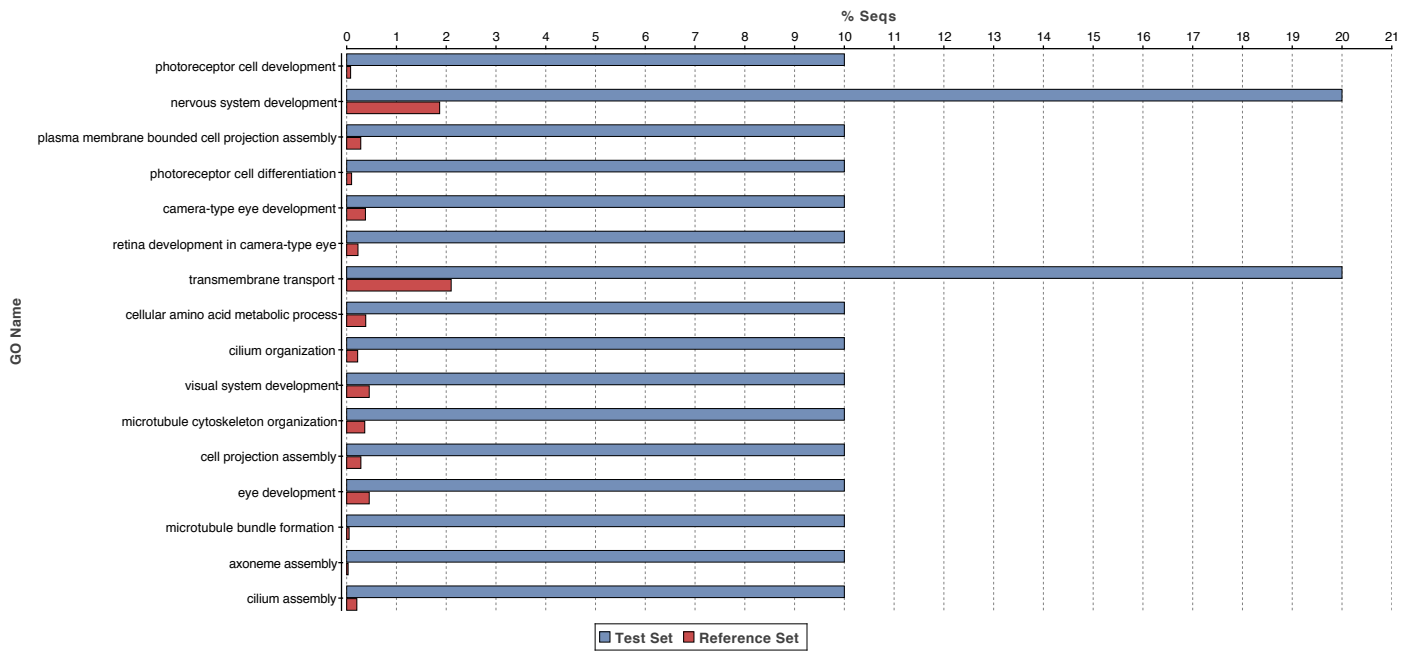
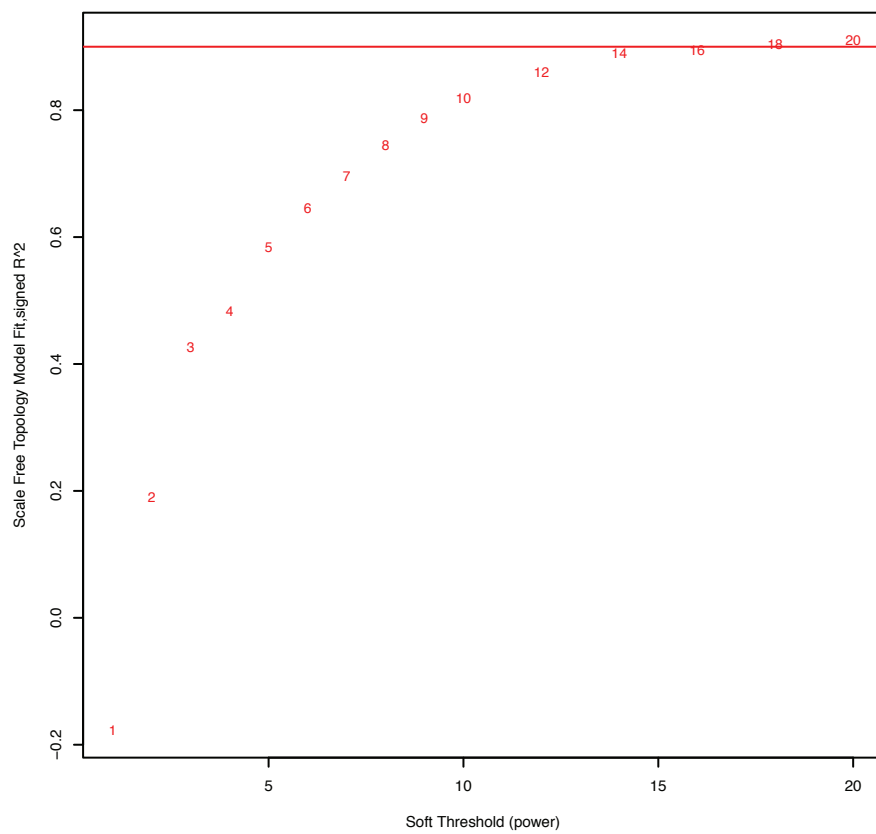


Figure S15

A



B

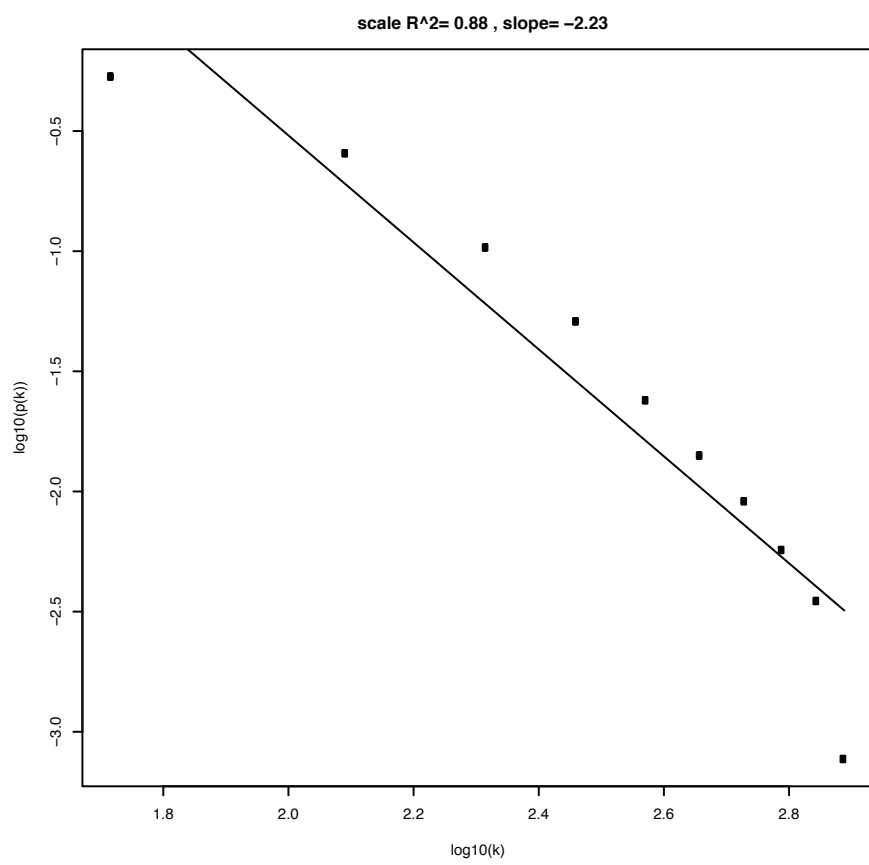


Figure S16

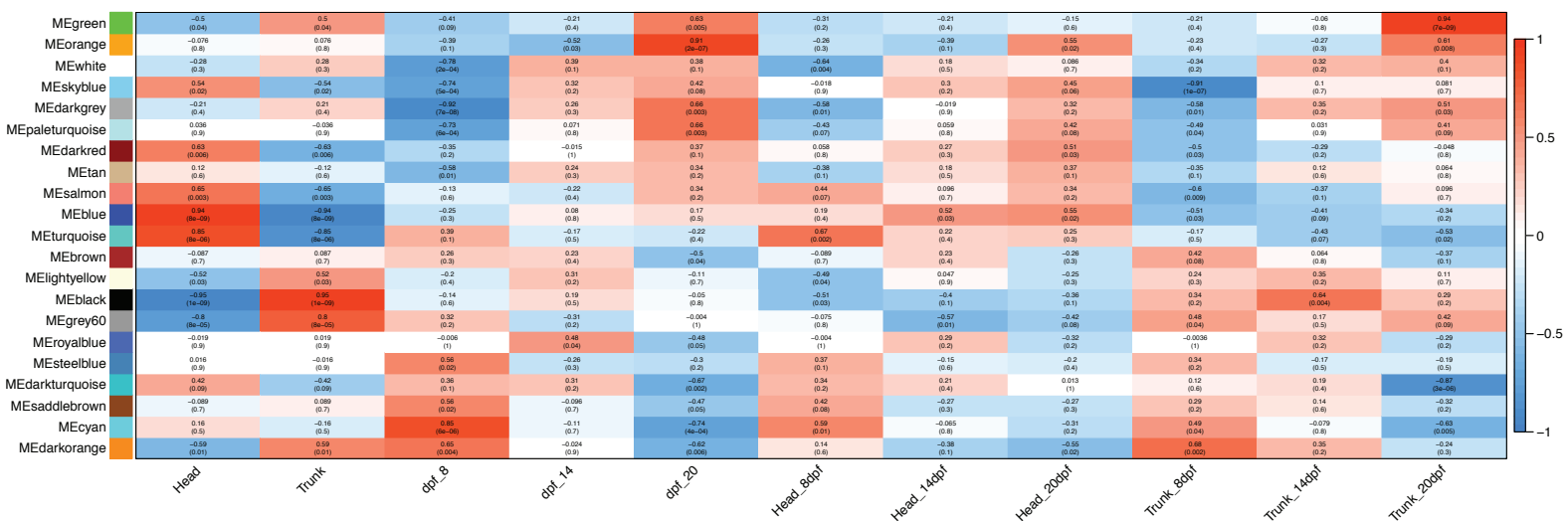


Figure S17

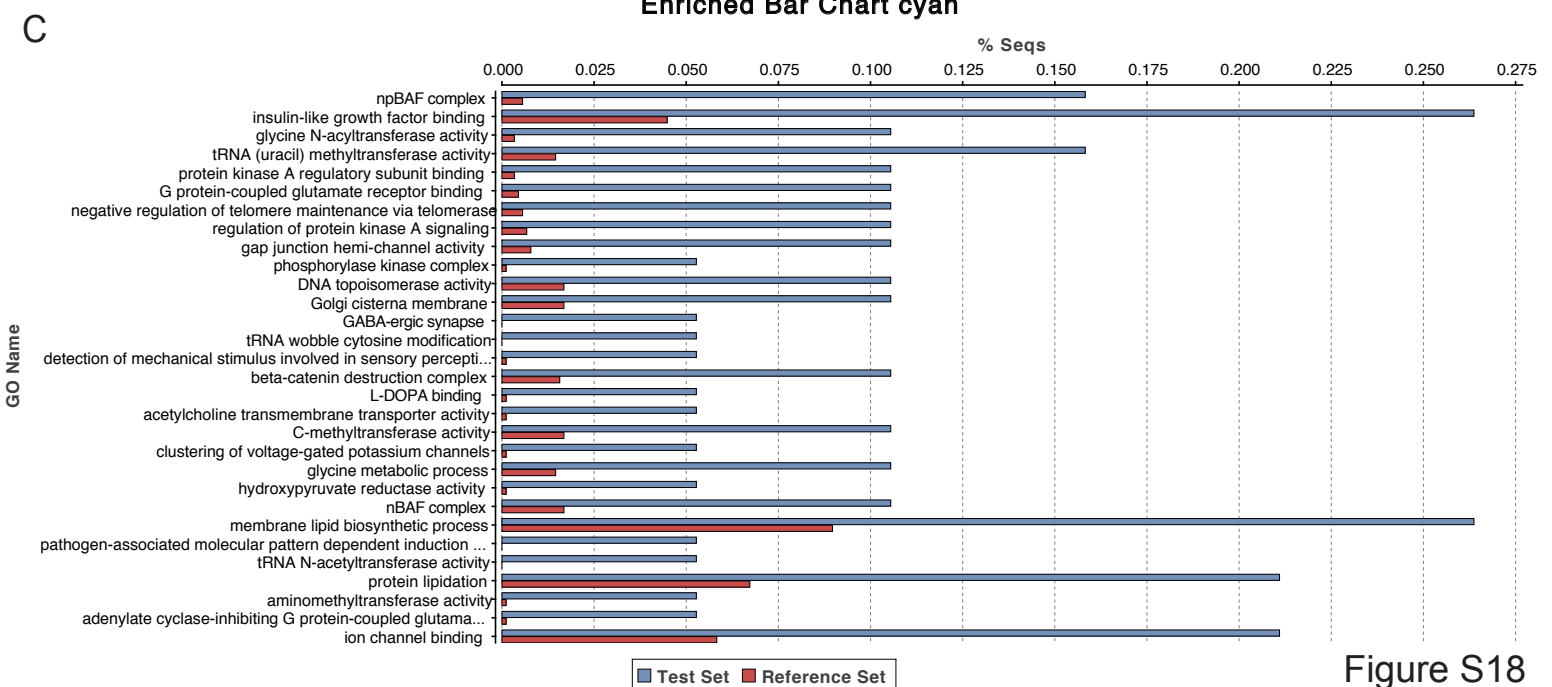
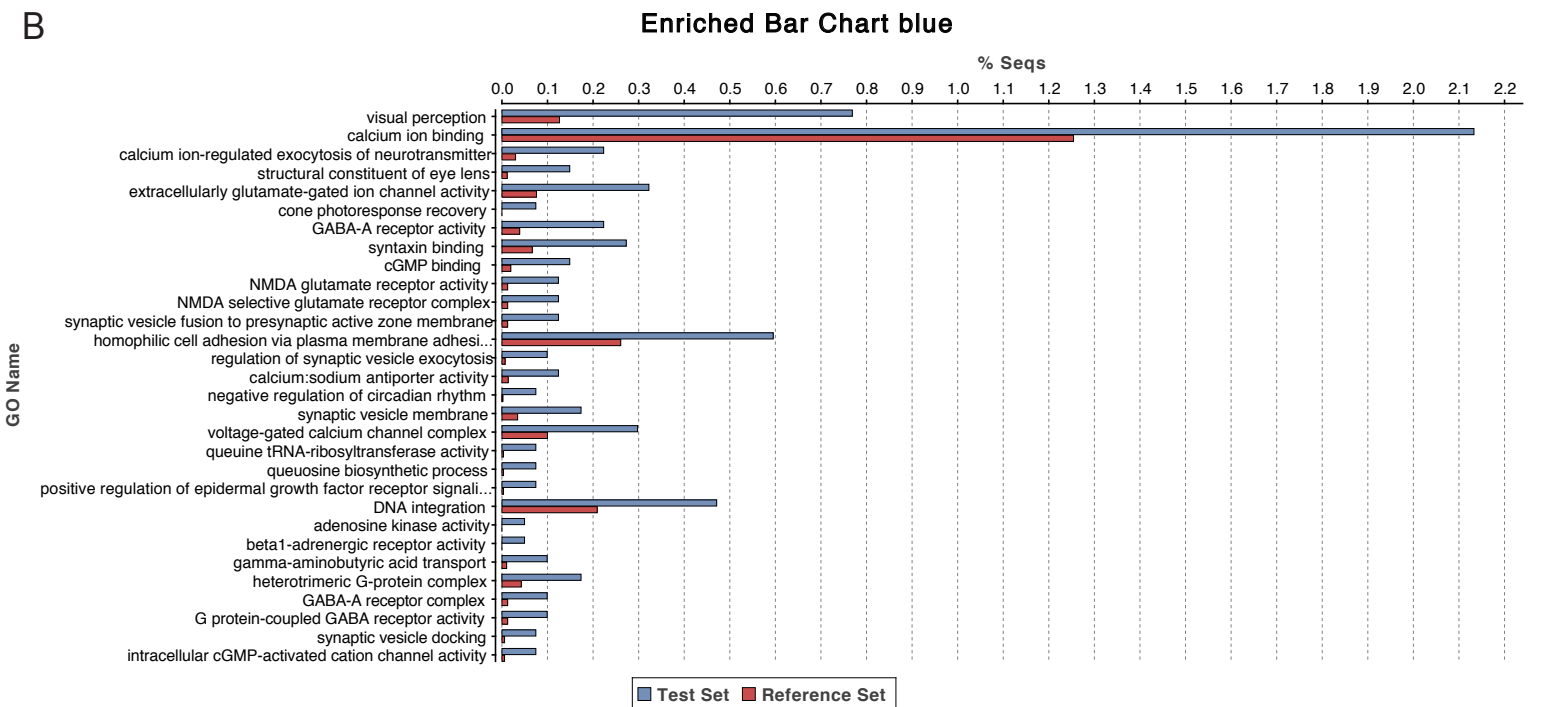
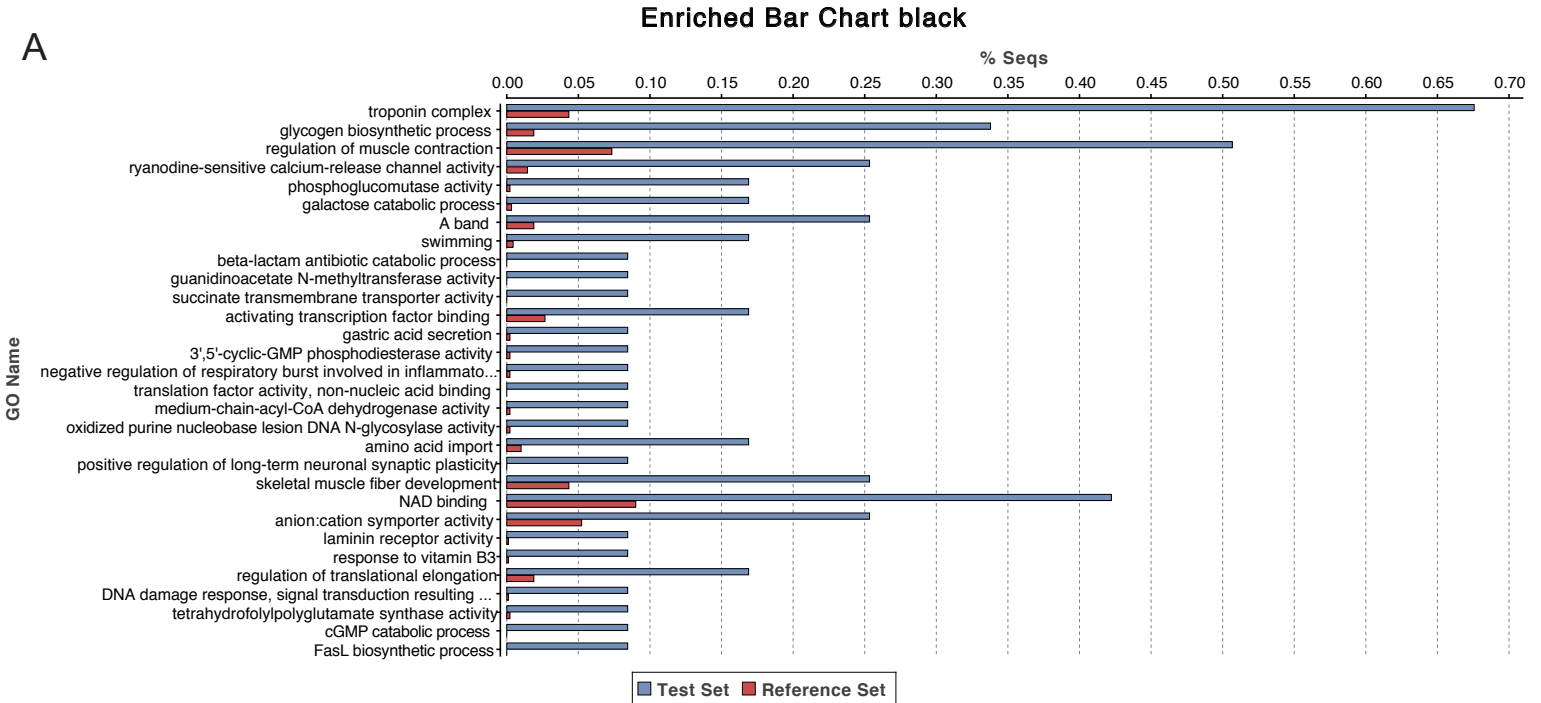
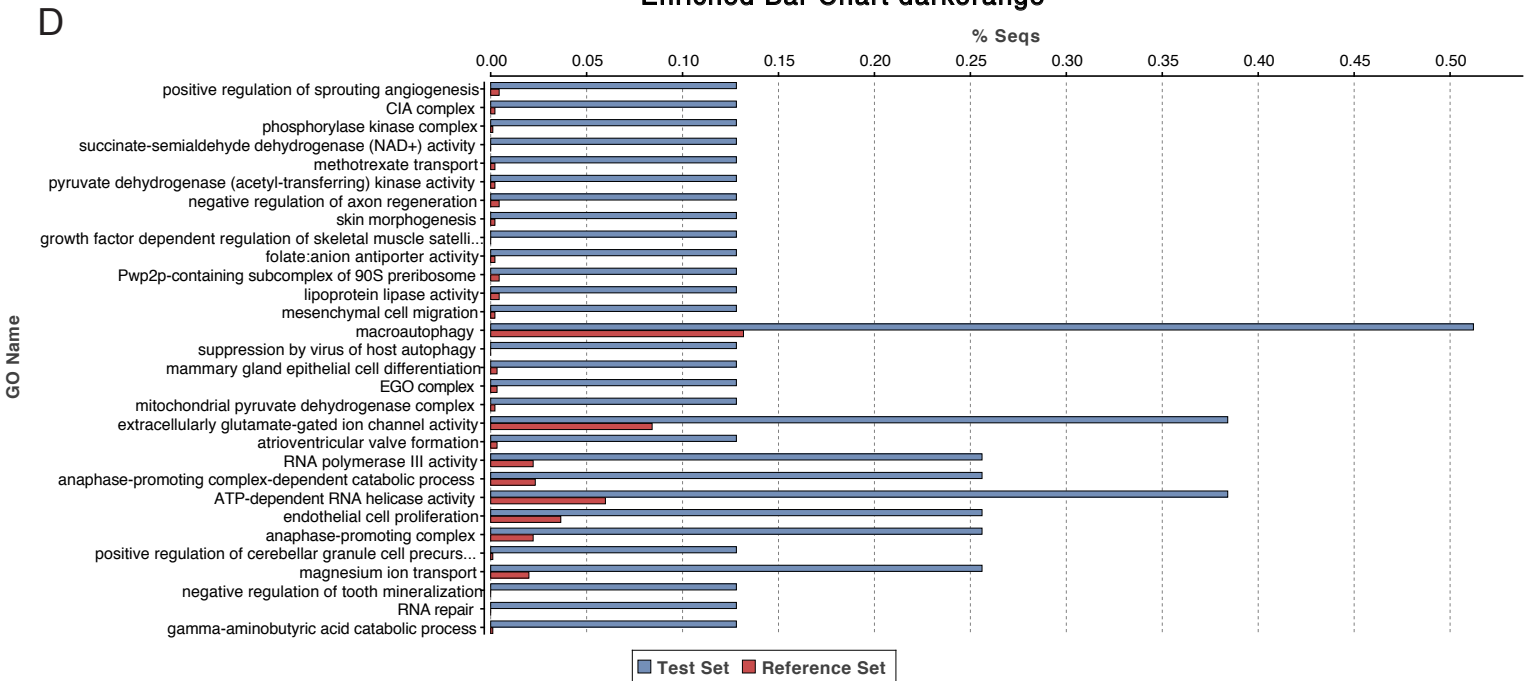
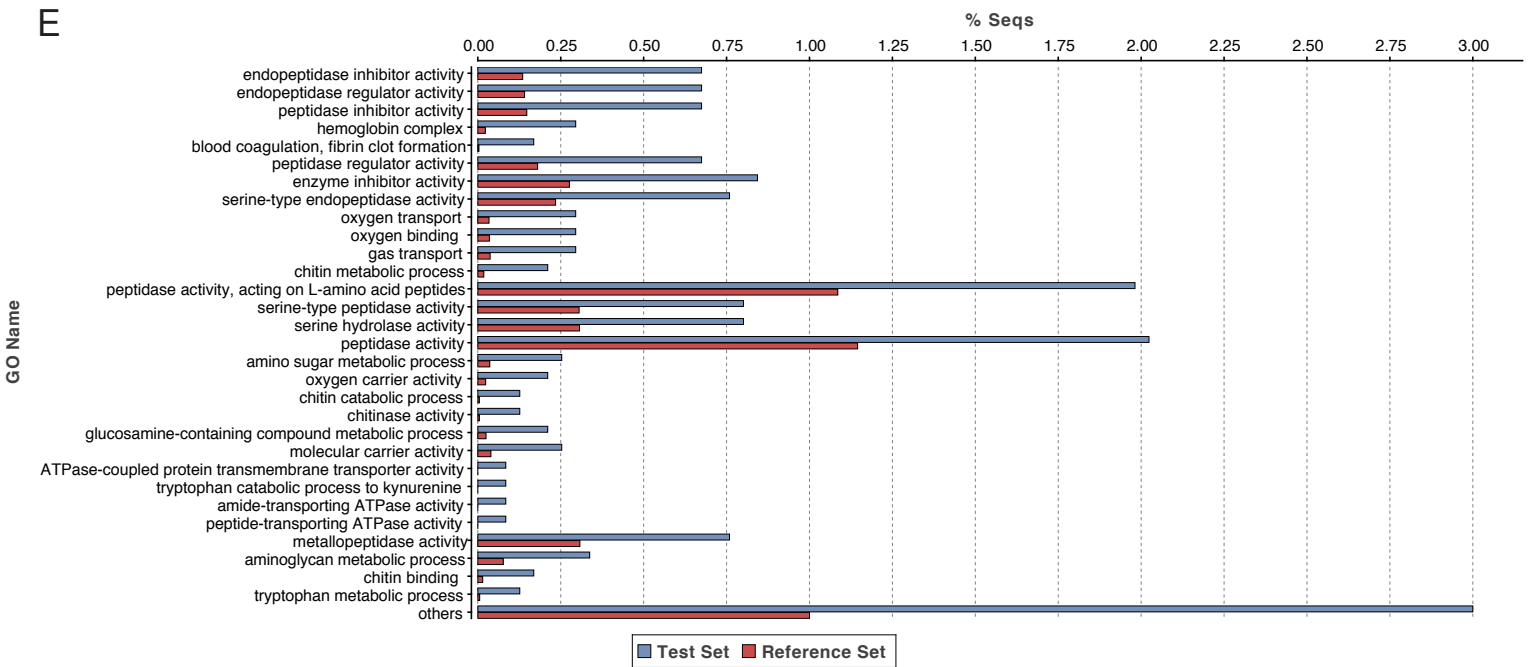


Figure S18

Enriched Bar Chart darkorange



Enriched Bar Chart green



Enriched Bar Chart orange

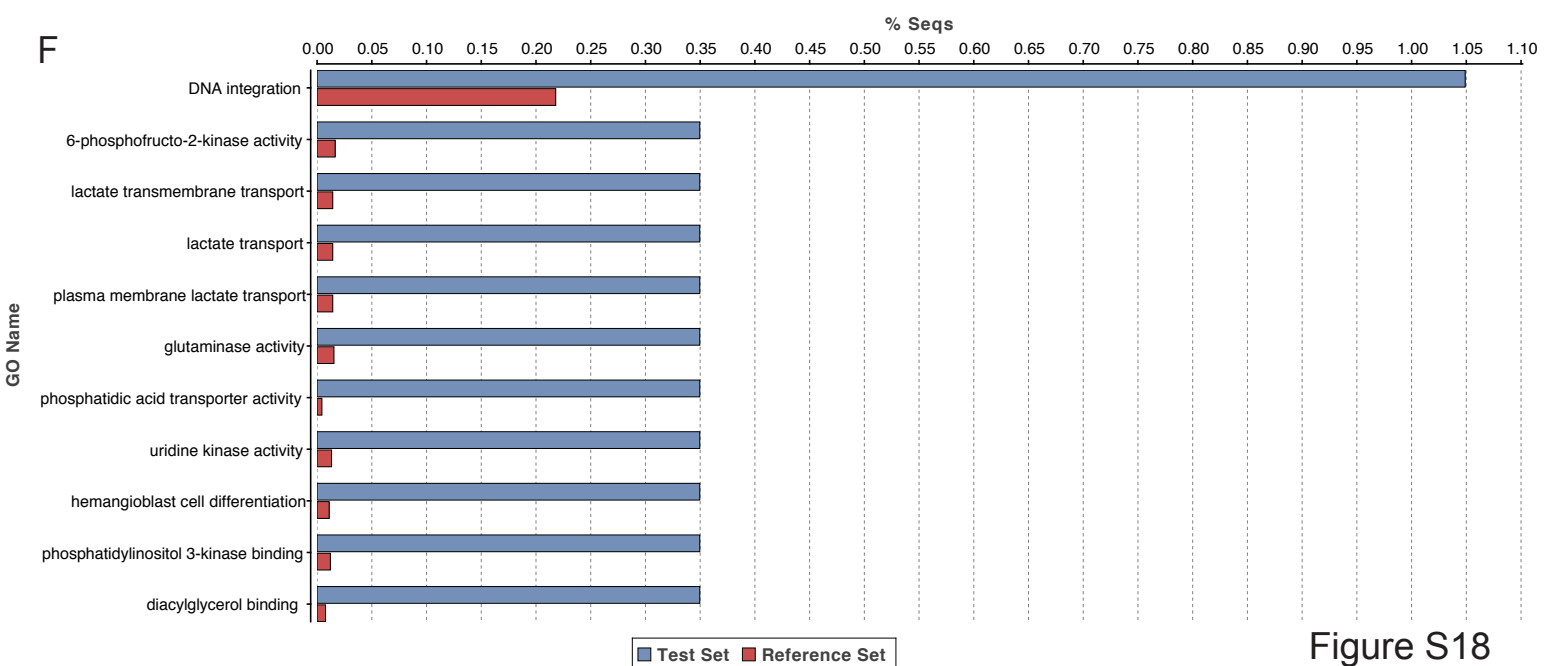
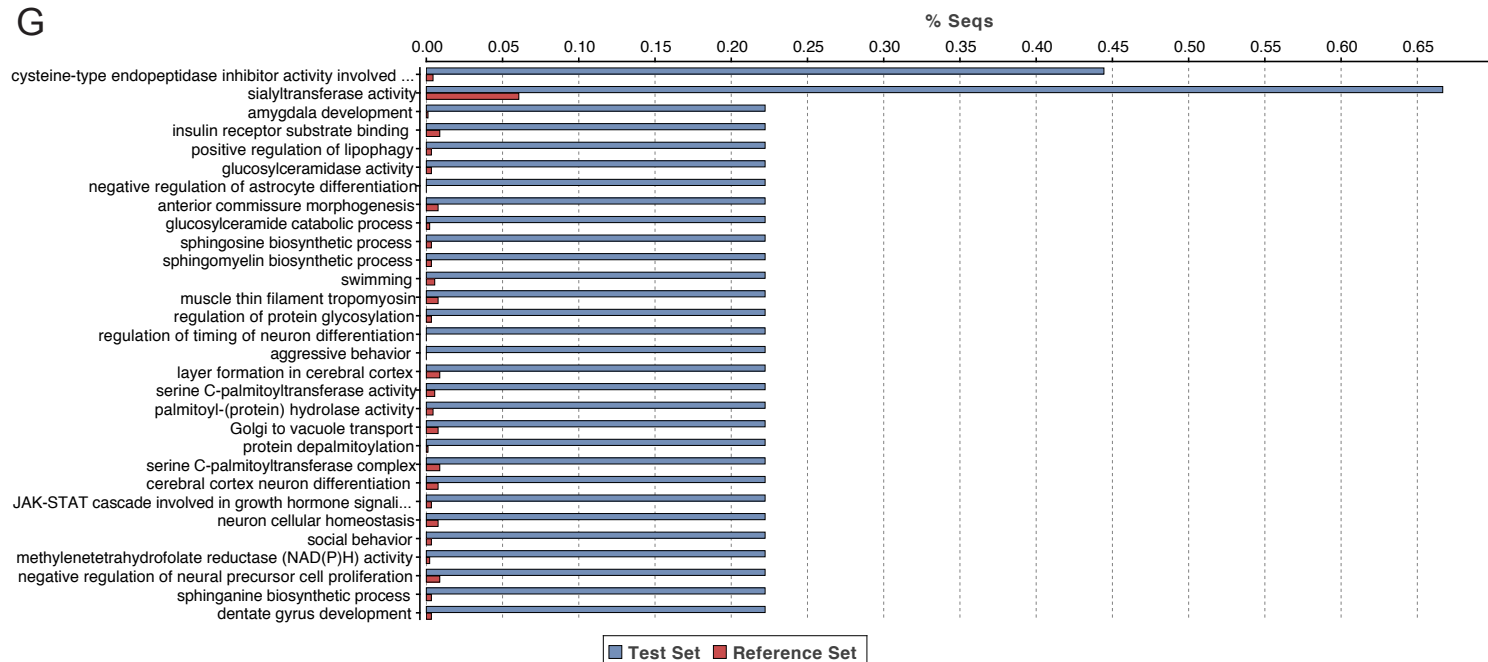


Figure S18

G

Enriched Bar Chart royalblue



H

Enriched Bar Chart turquoise

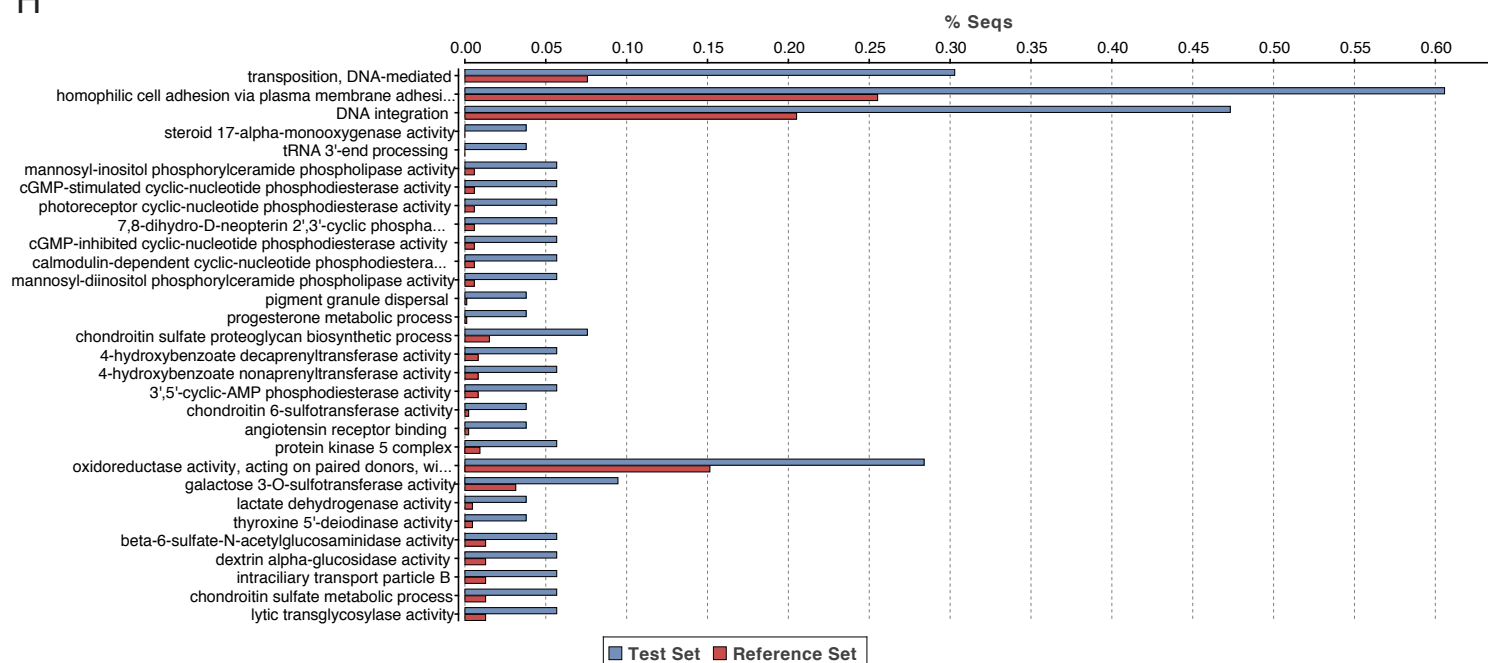


Figure S18

A

Biological Processes

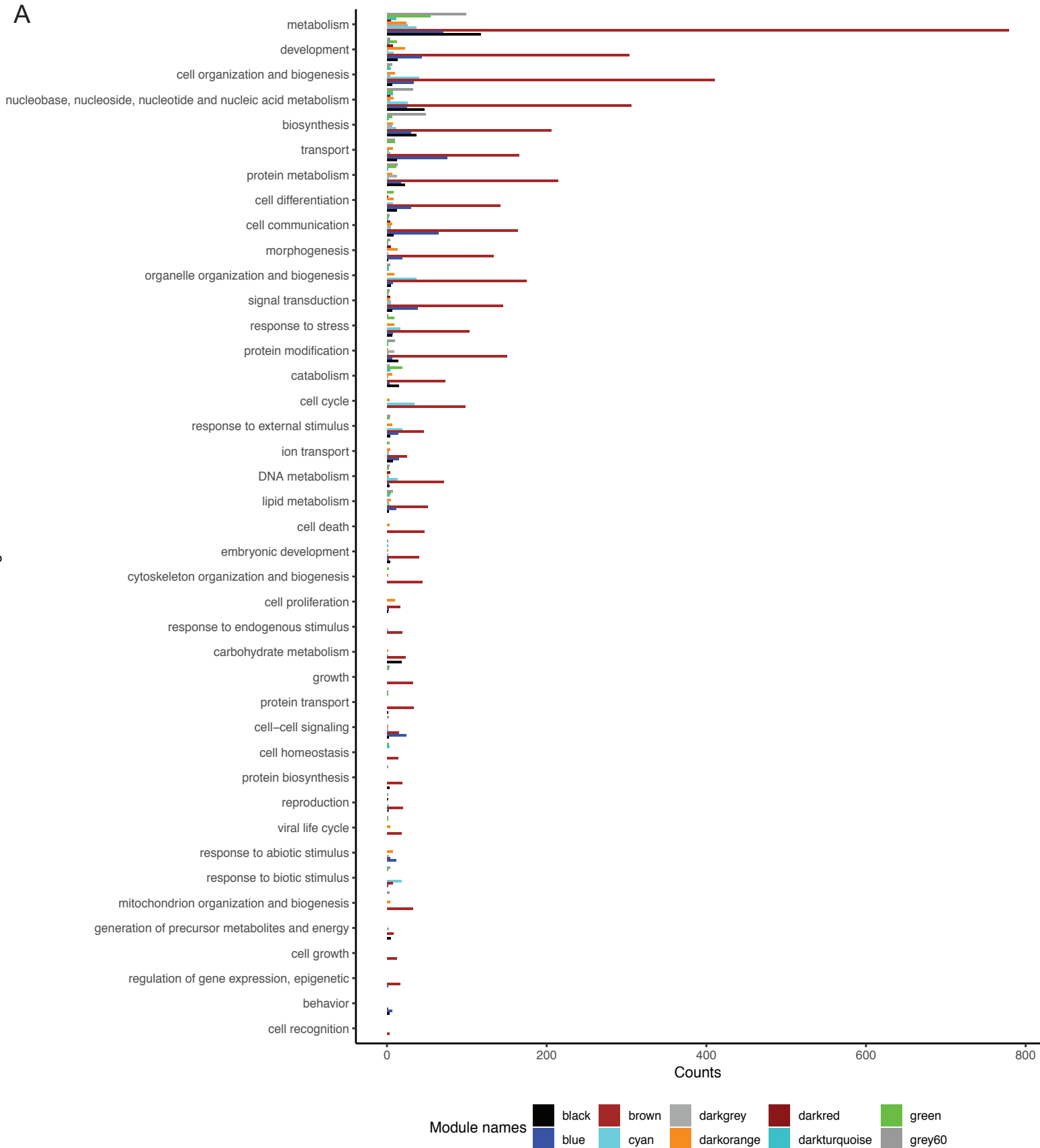


Figure S19

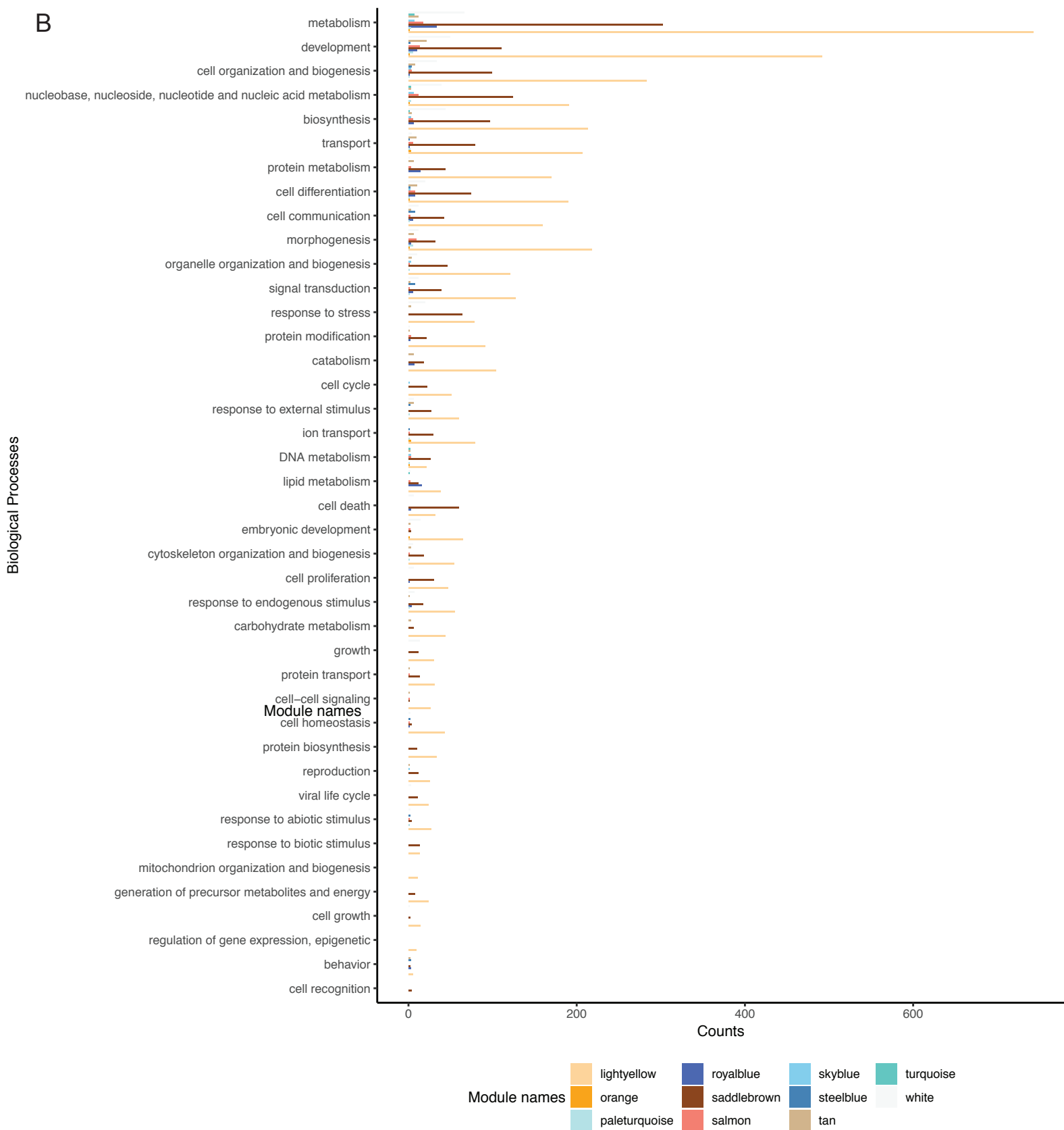


Figure S19

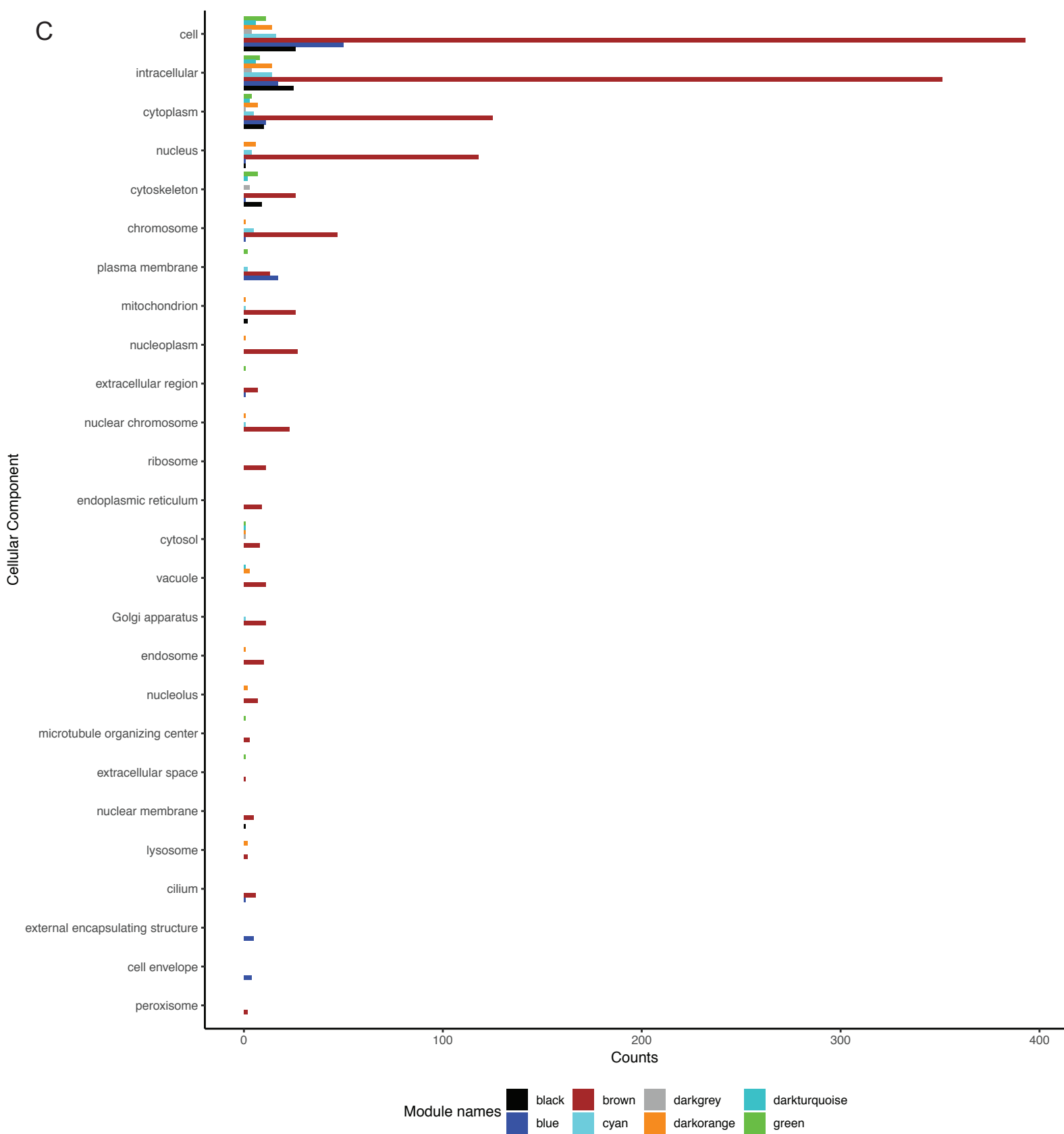


Figure S19

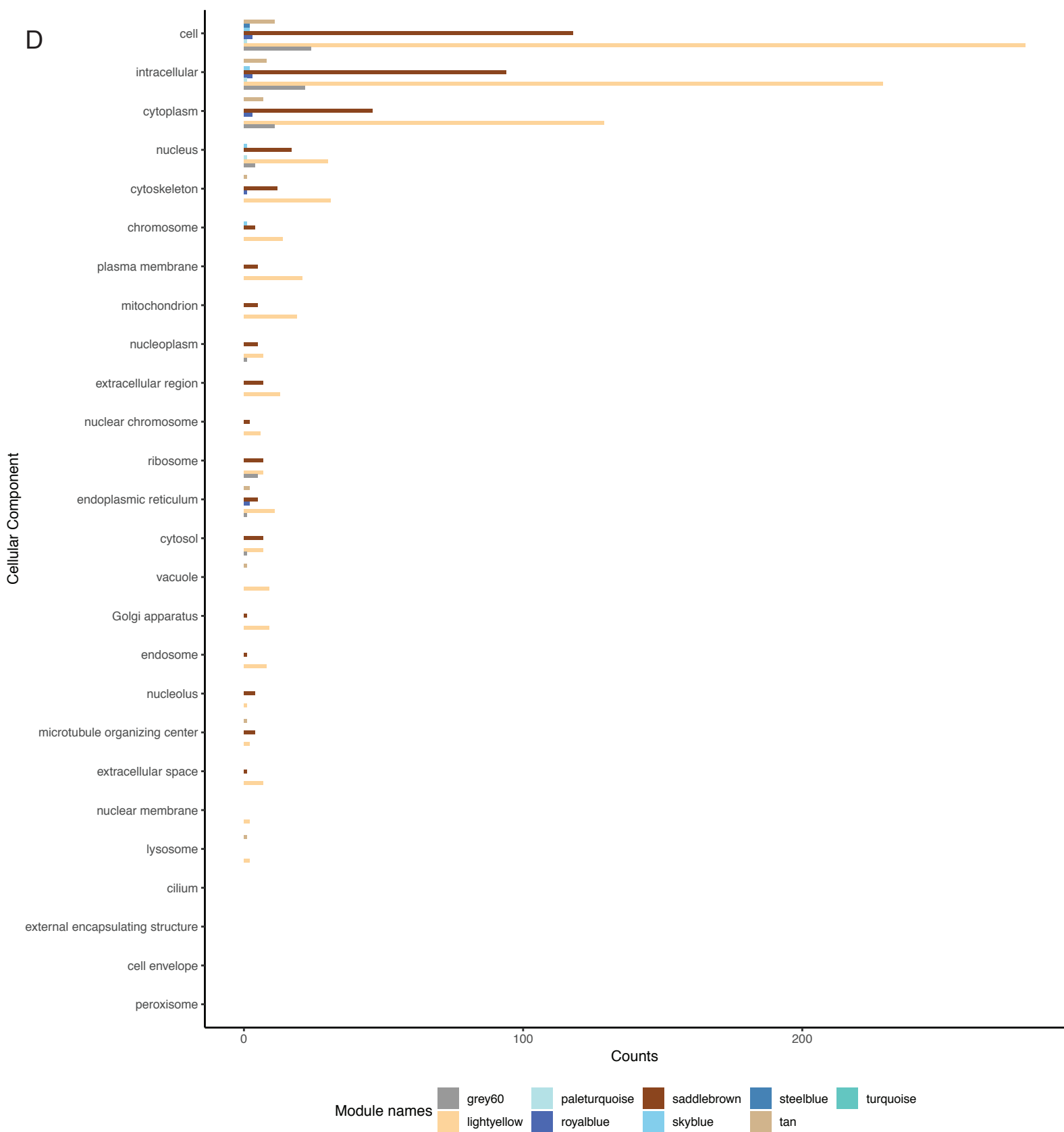
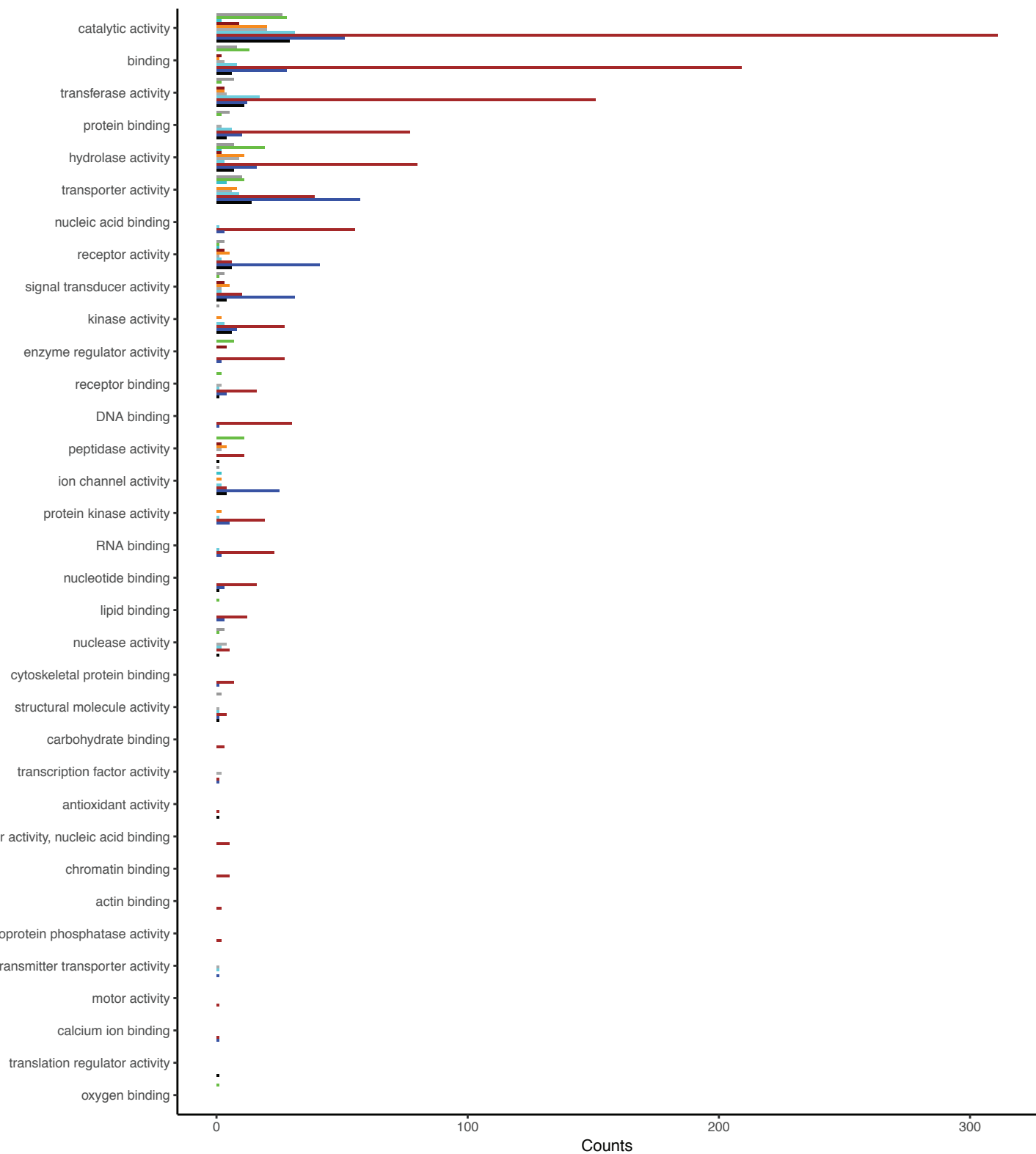


Figure S19

E

Molecular Function



Module names

black	brown	darkgrey	darkred	green
blue	cyan	darkorange	darkturquoise	grey60

Figure S19

F

Molecular Function

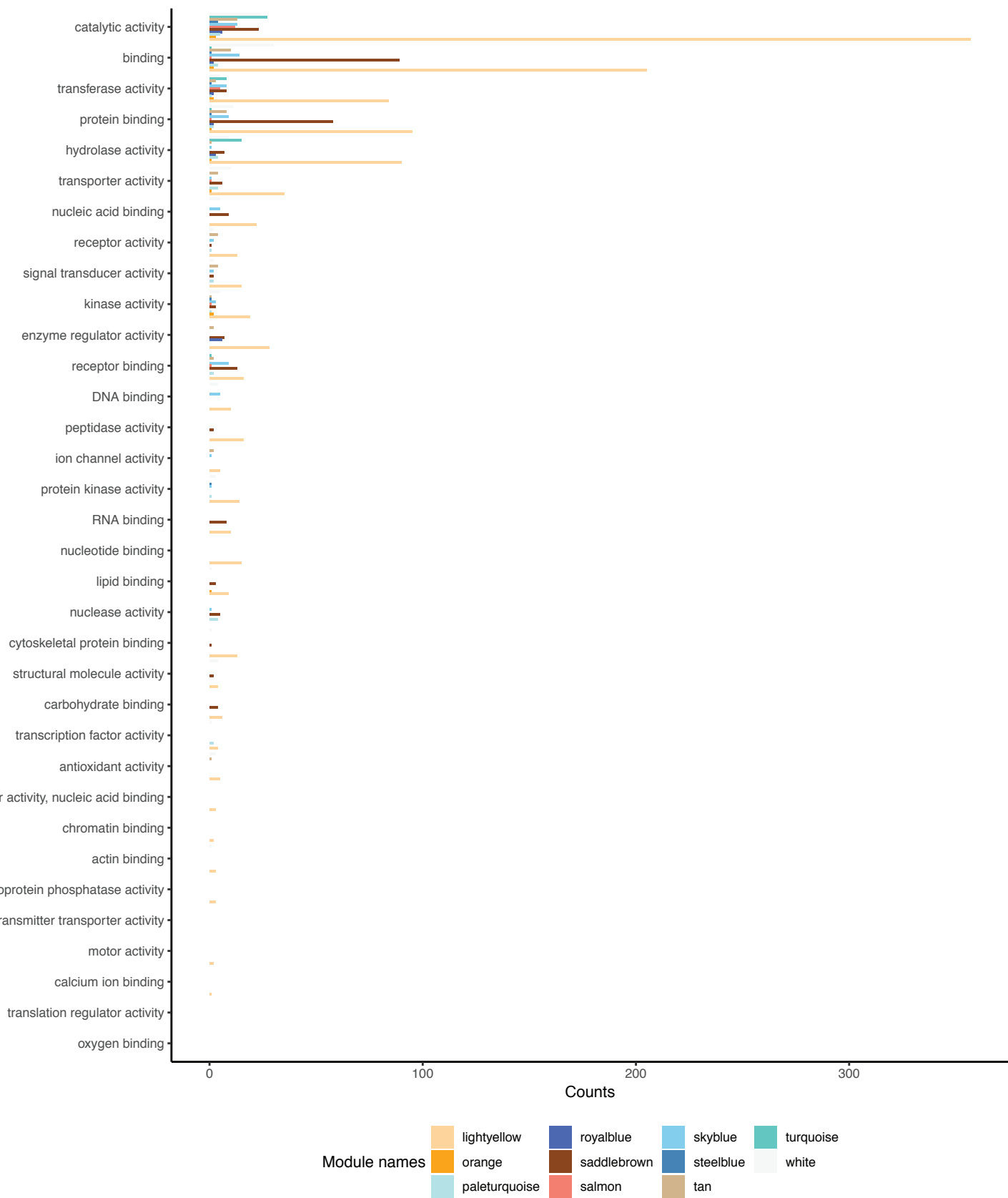


Figure S19

A

Biological Processes

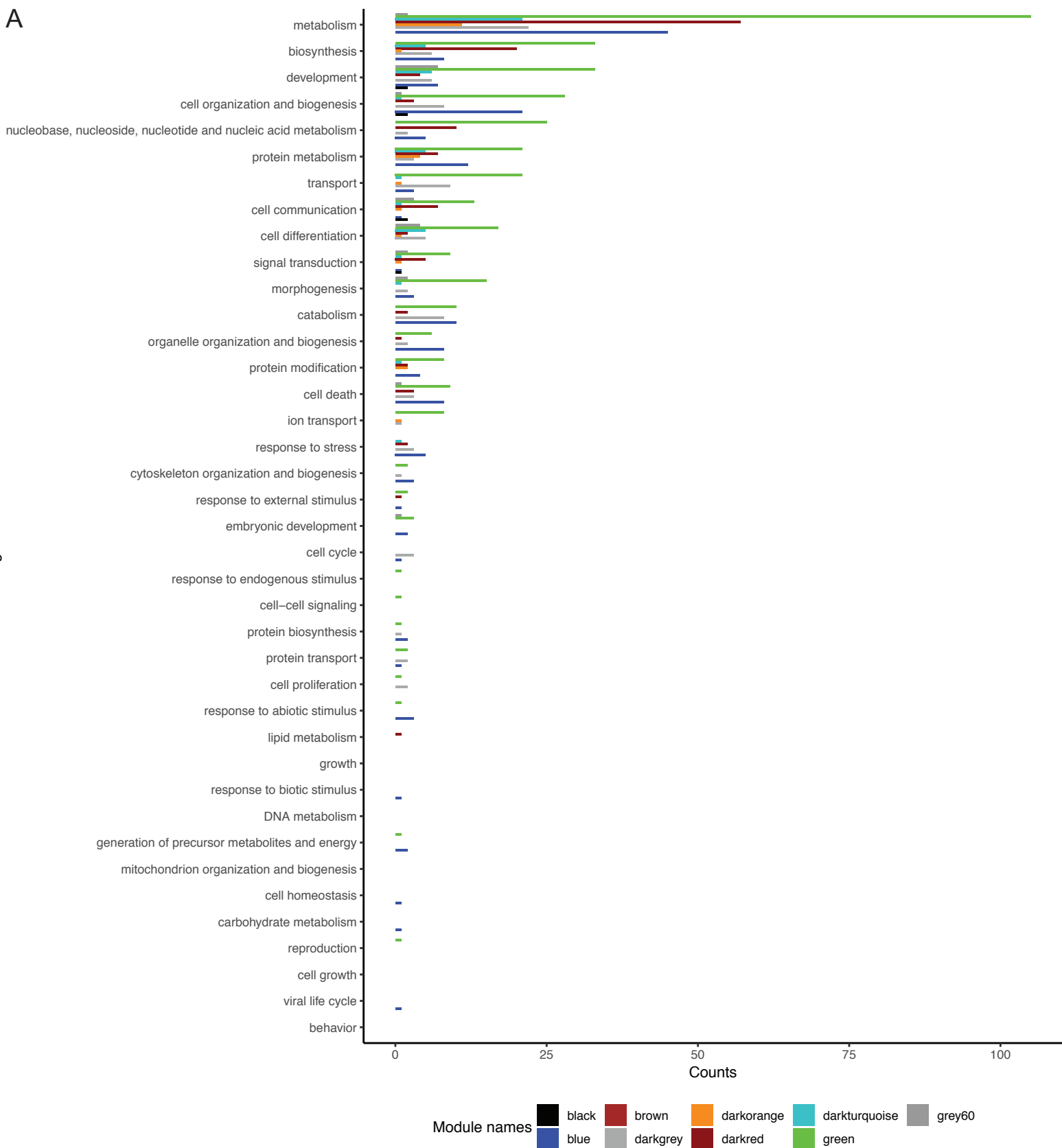


Figure S20

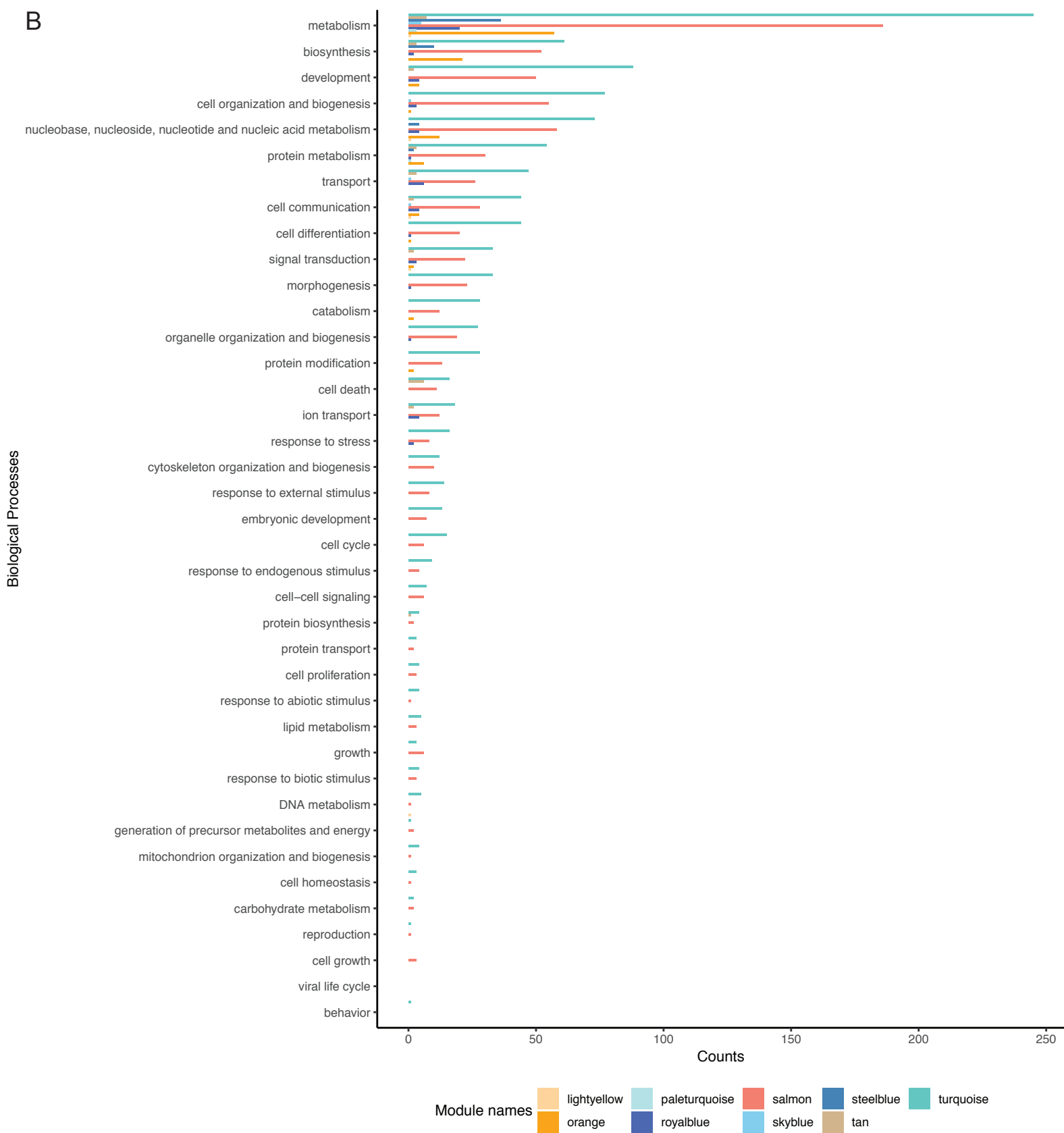


Figure S20

C

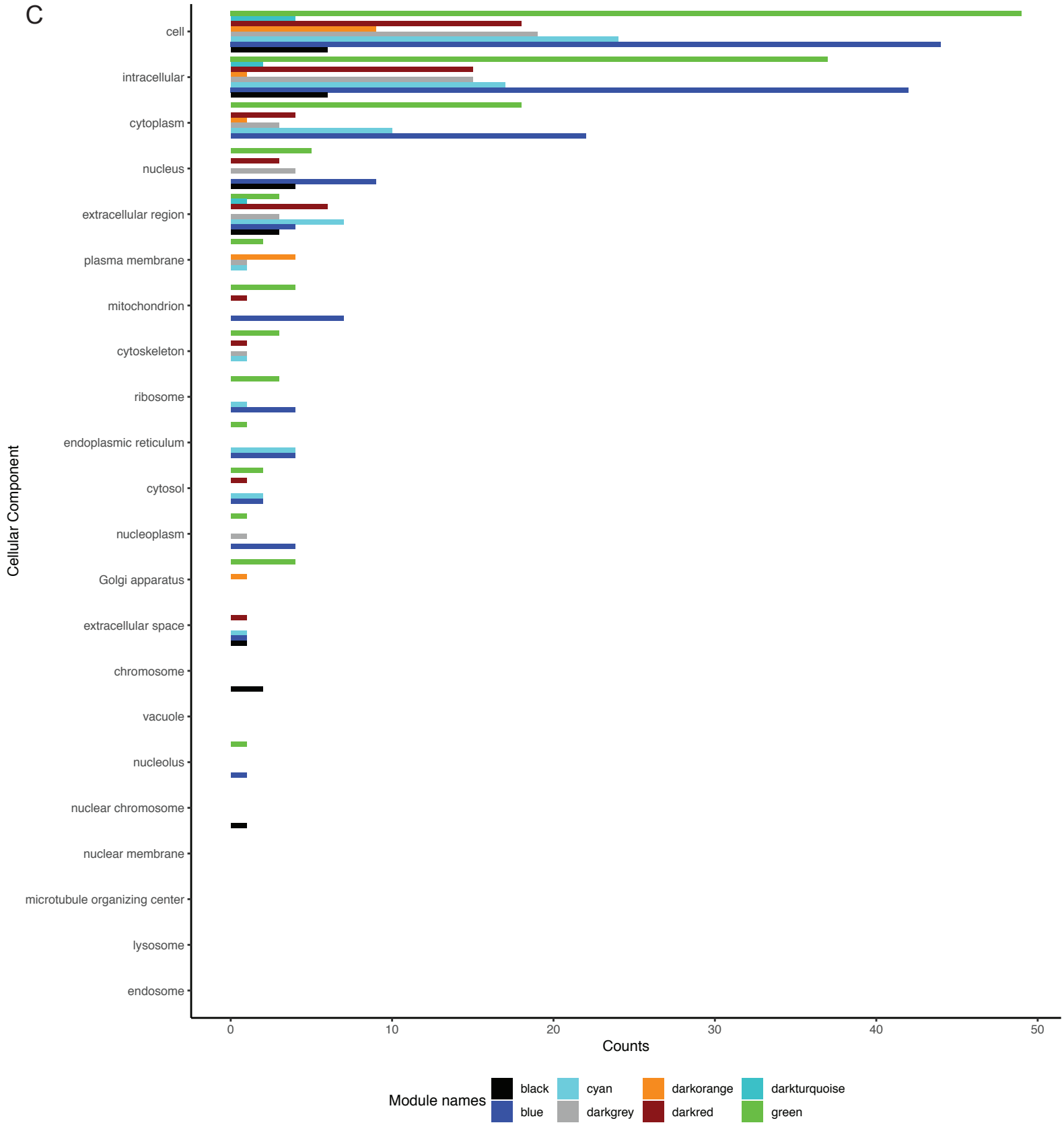


Figure S20

D

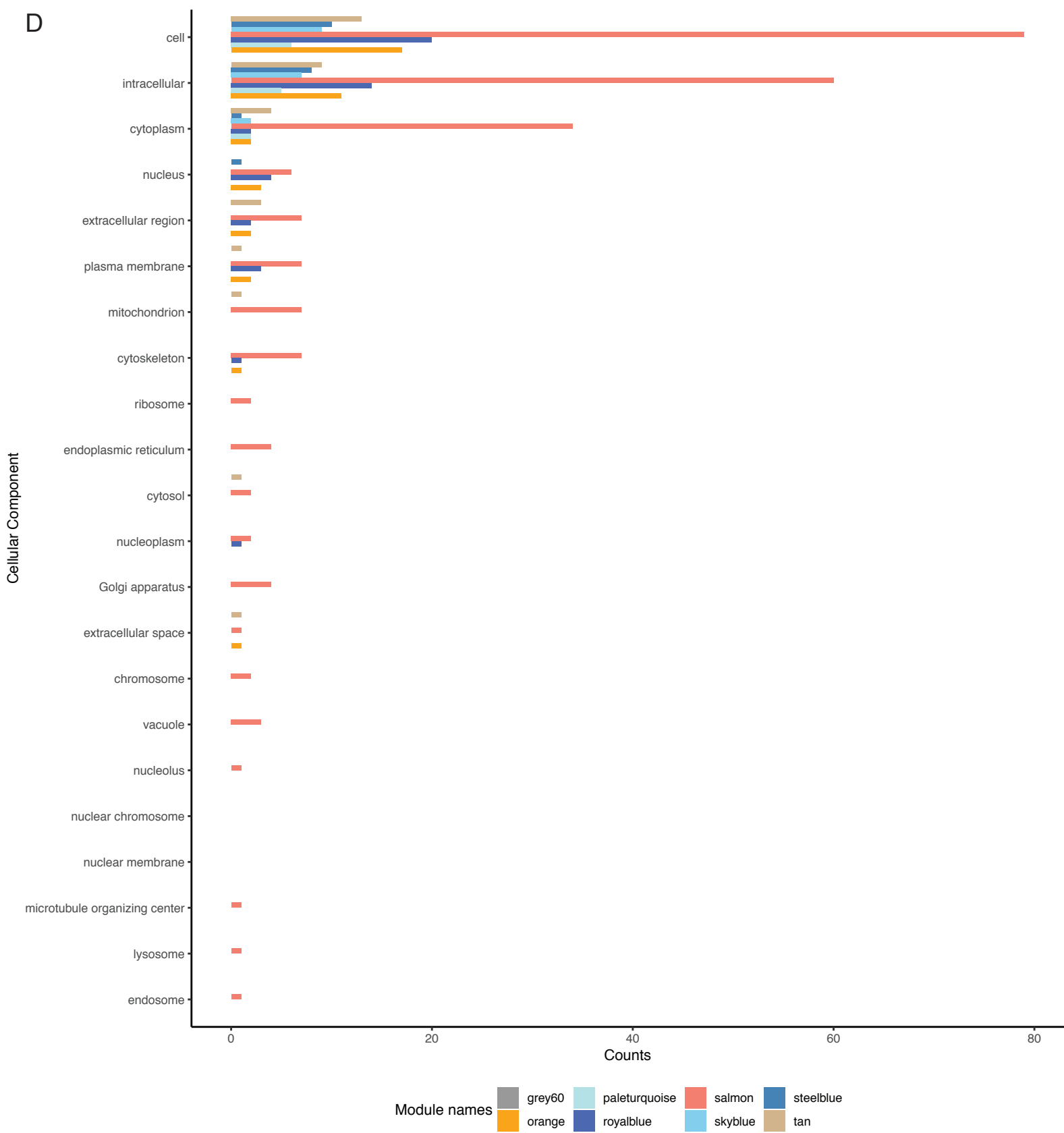


Figure S20

E

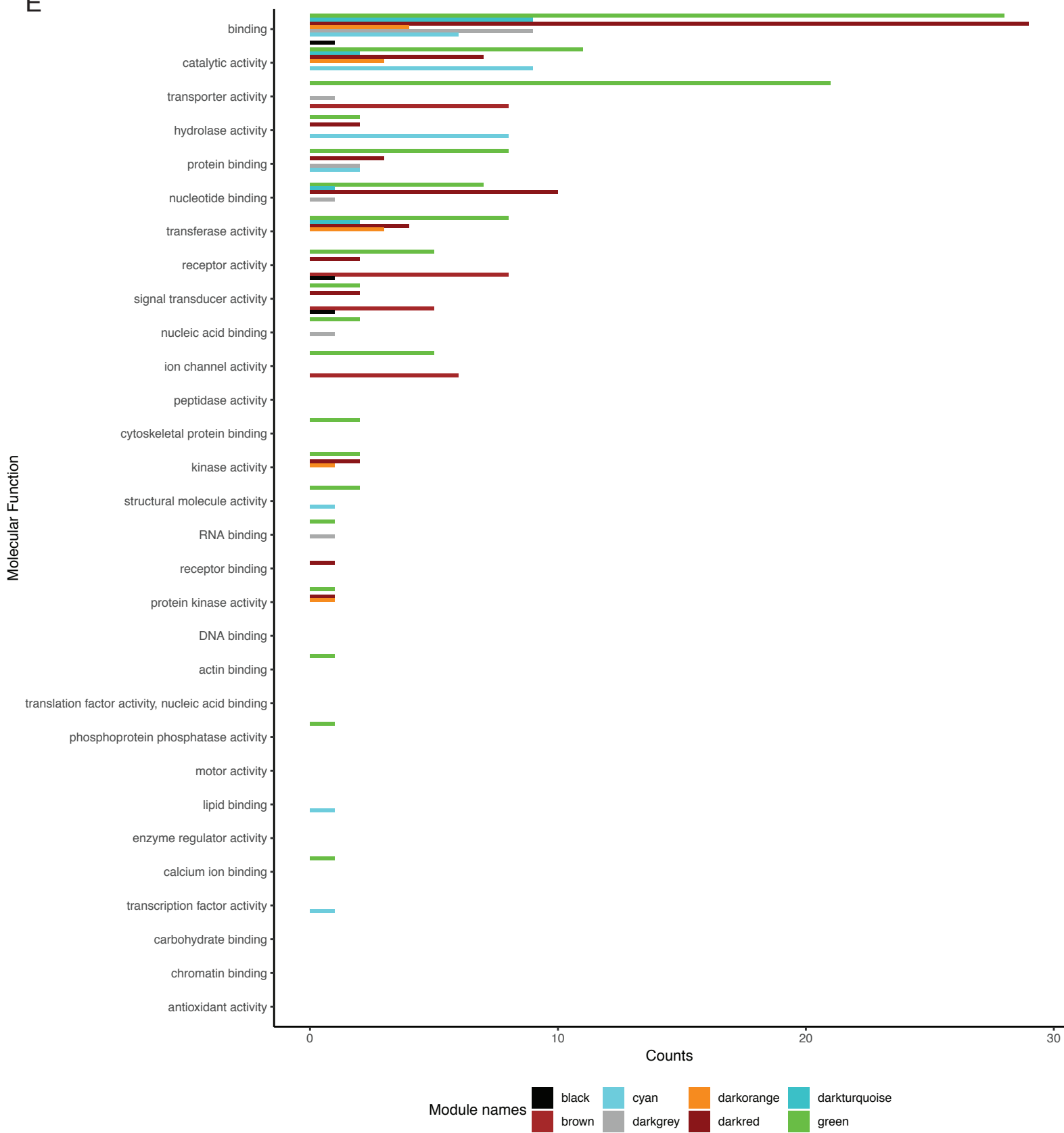


Figure S20

F

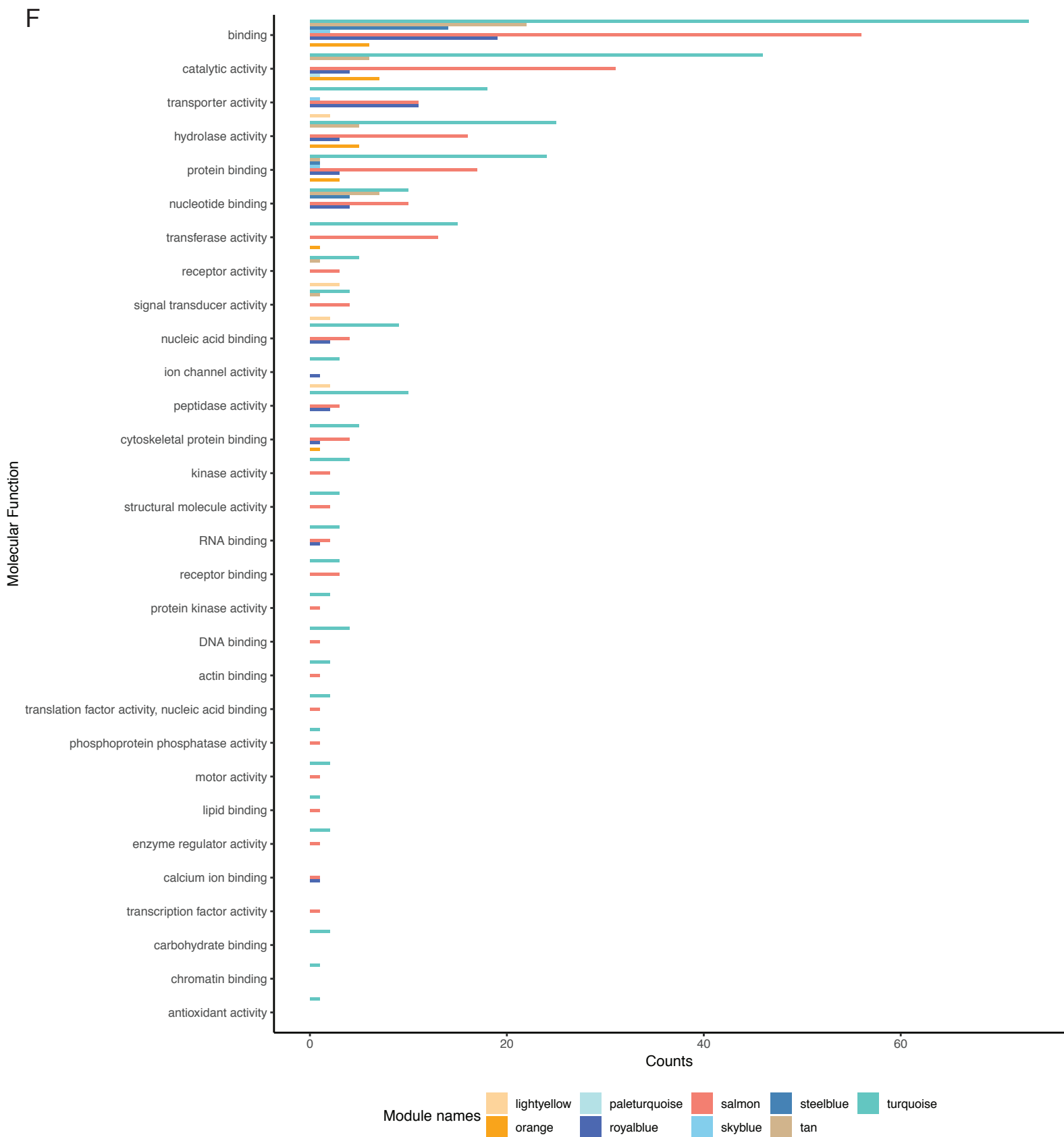
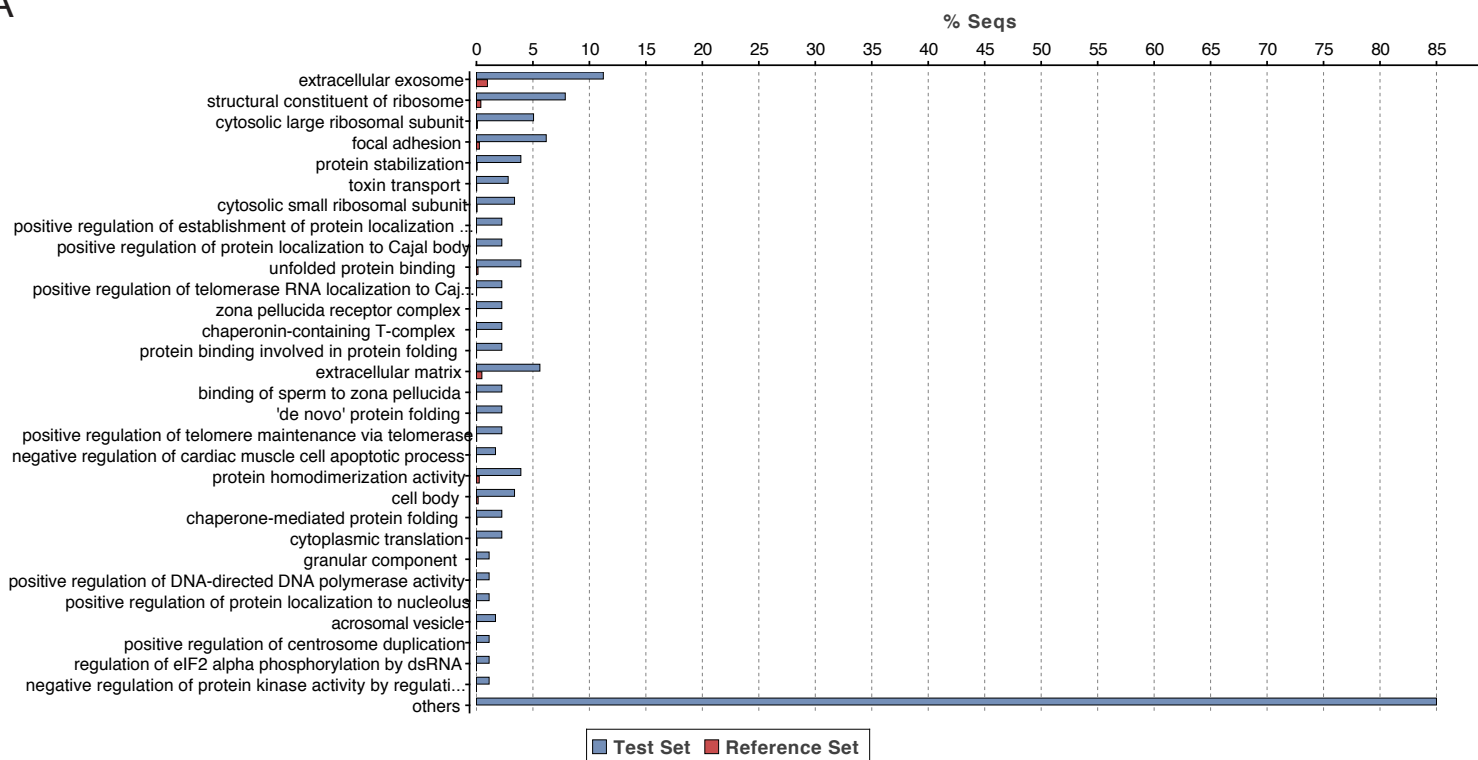


Figure S20

A

Enriched Bar Chart saddlebrown



B

Enriched Bar Chart darkgrey

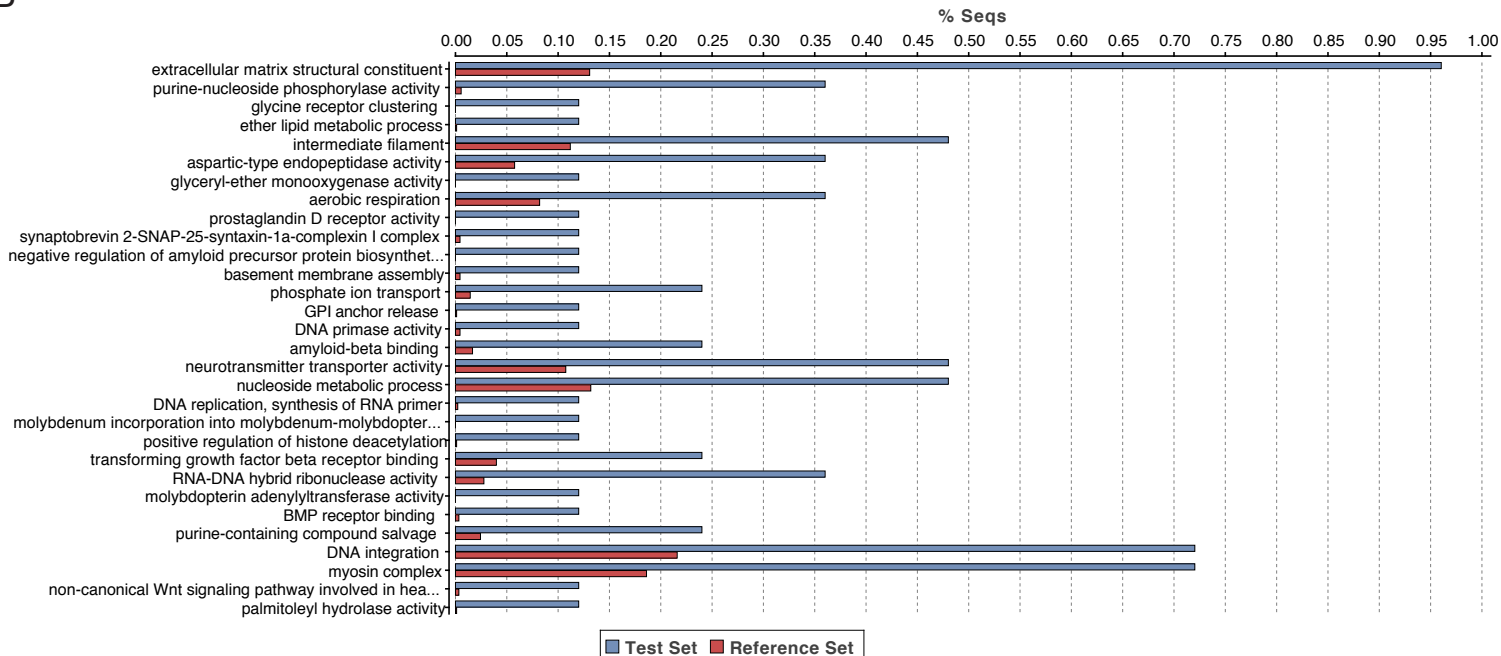


Figure S21

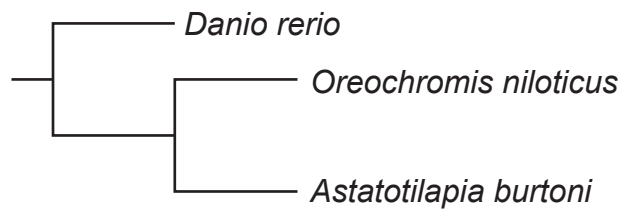


Figure S22

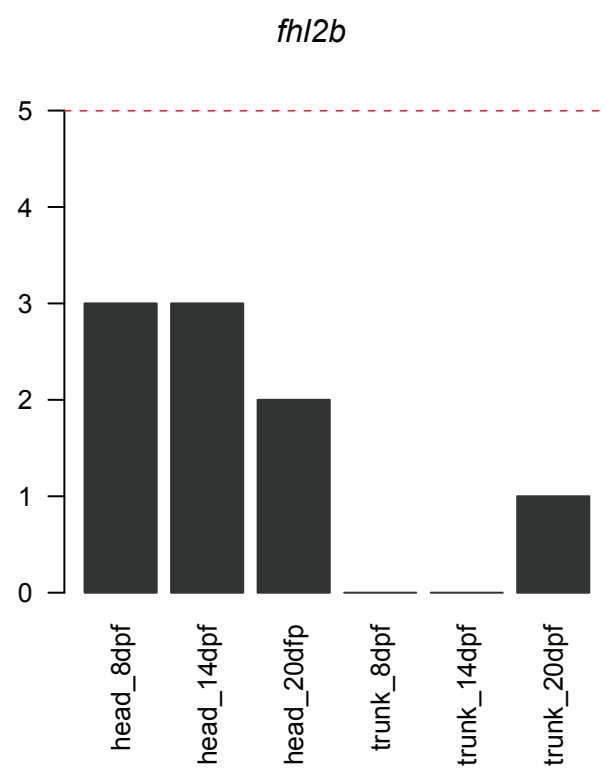
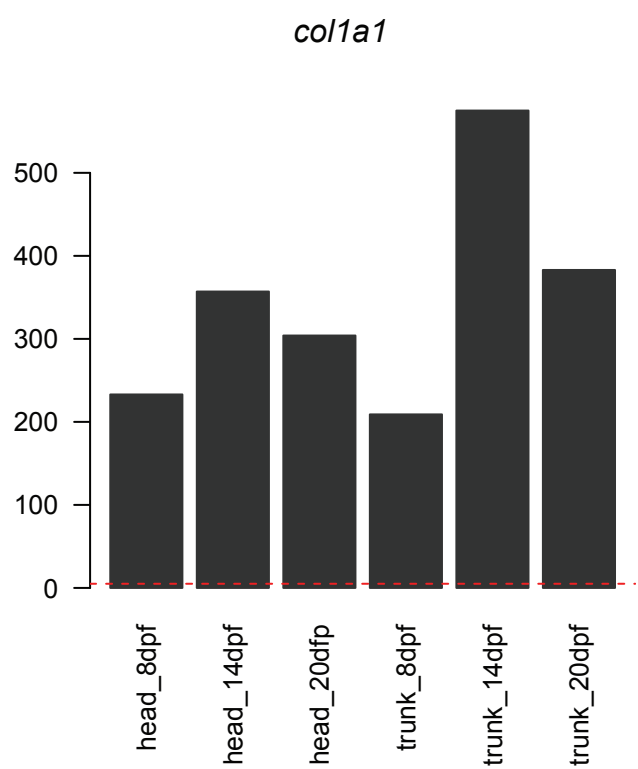
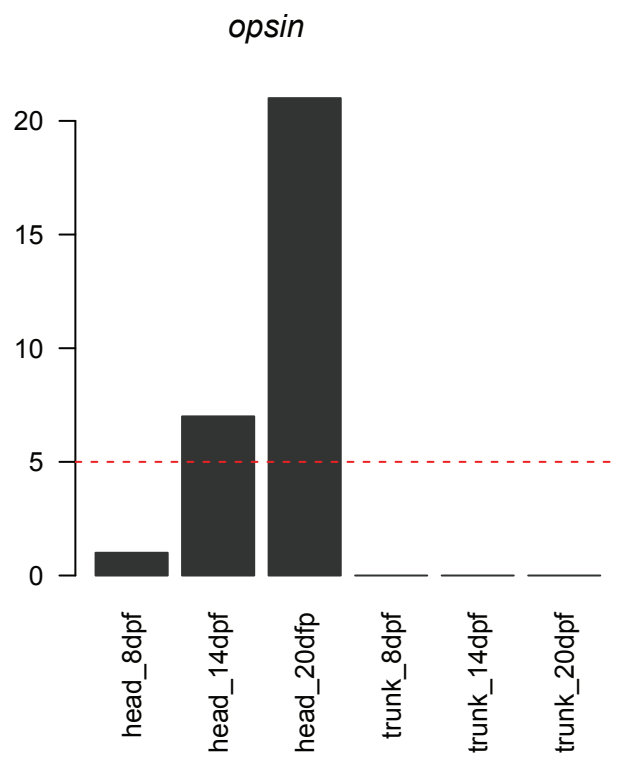
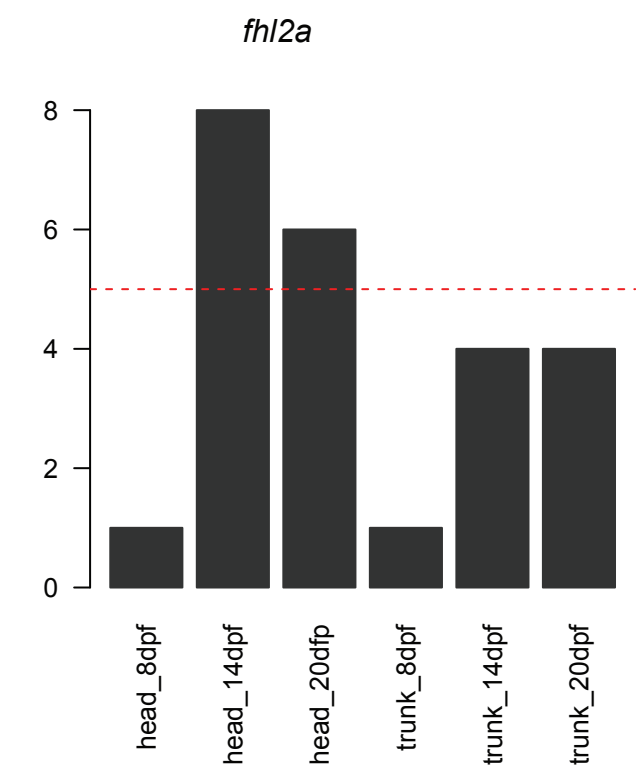


Figure S23

Enriched Bar Chart

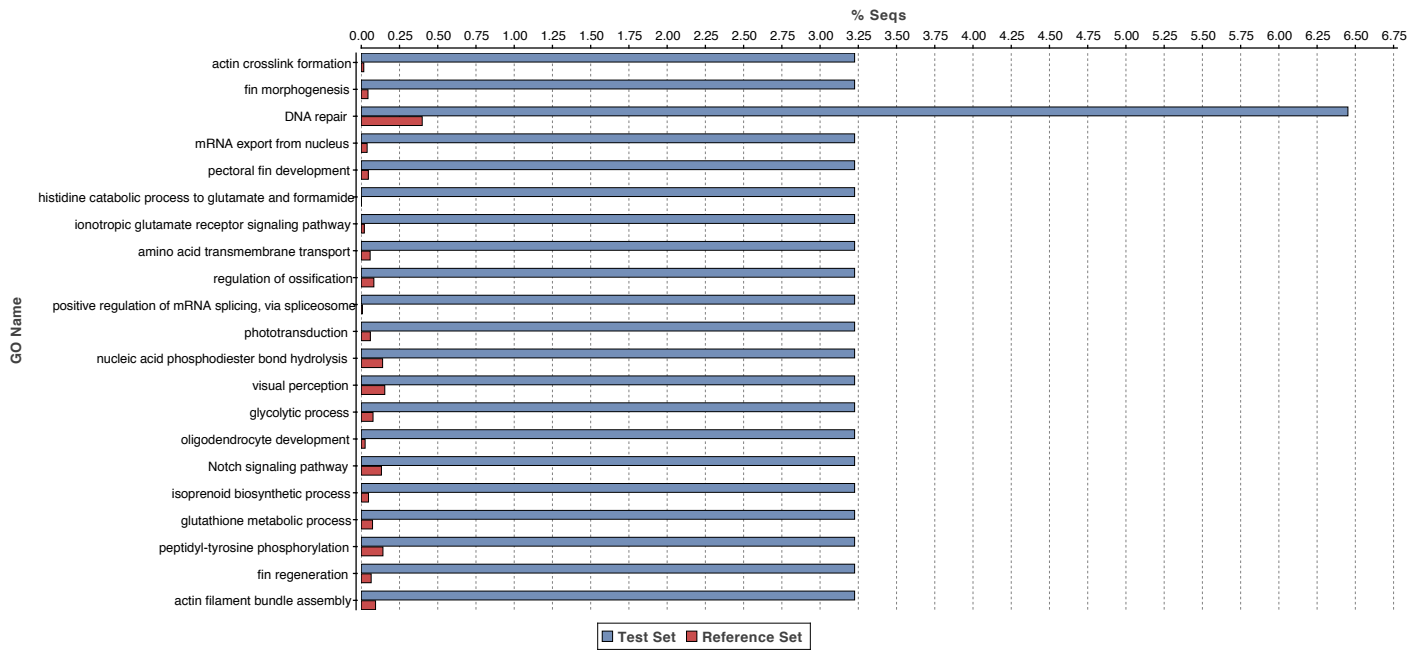
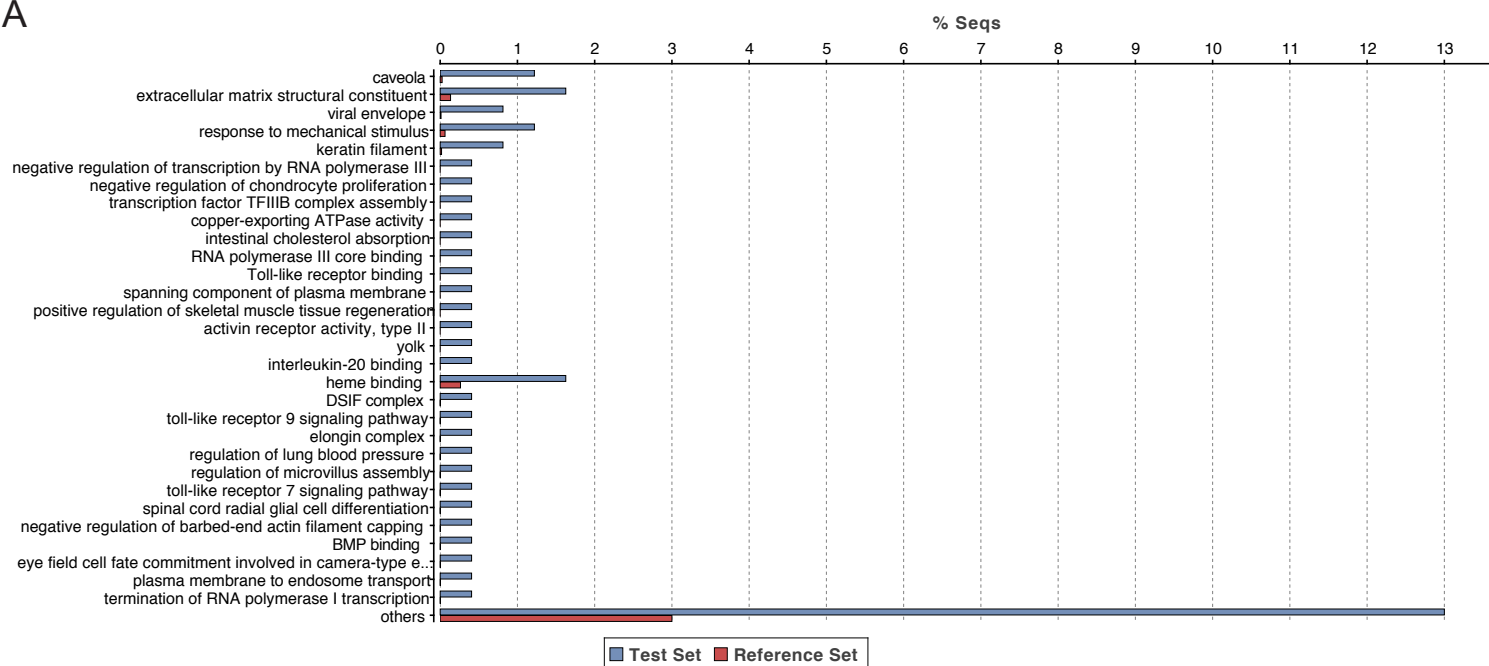


Figure S24

A

Enriched Bar Chart white



B

Enriched Bar Chart lightyellow

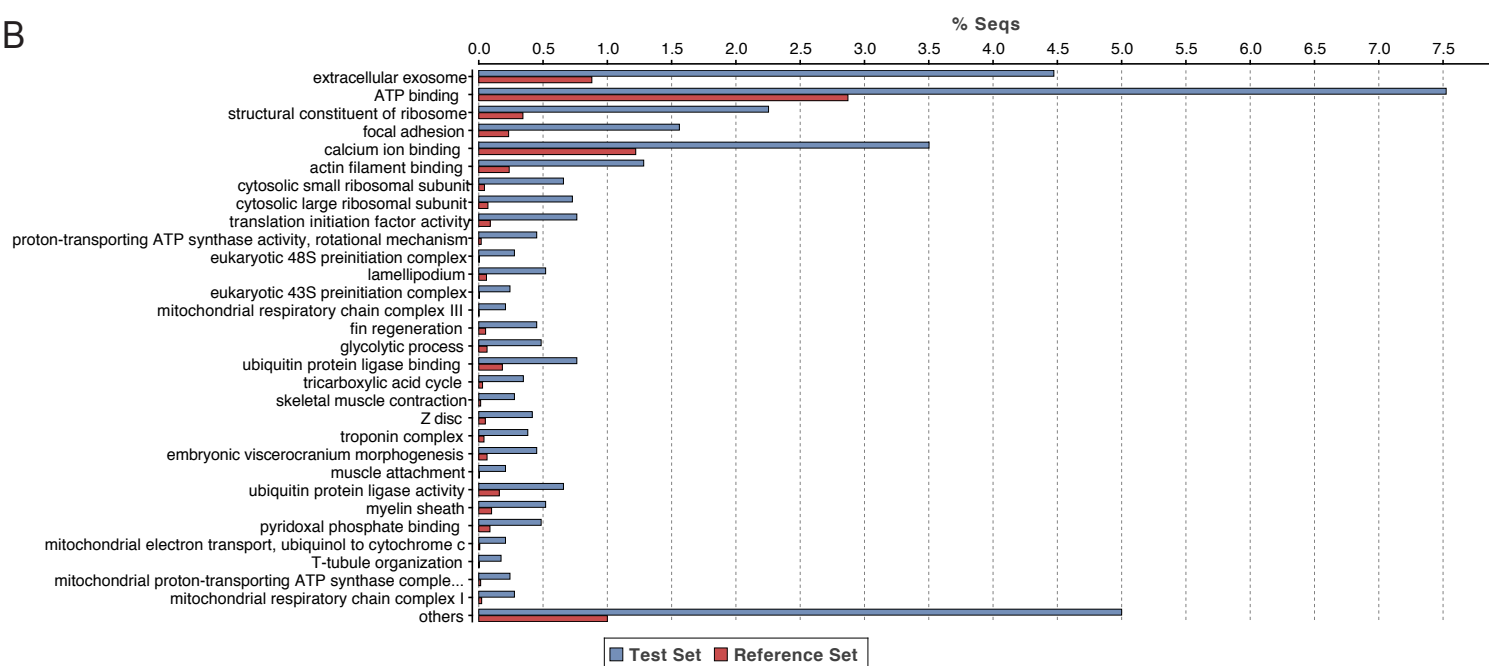
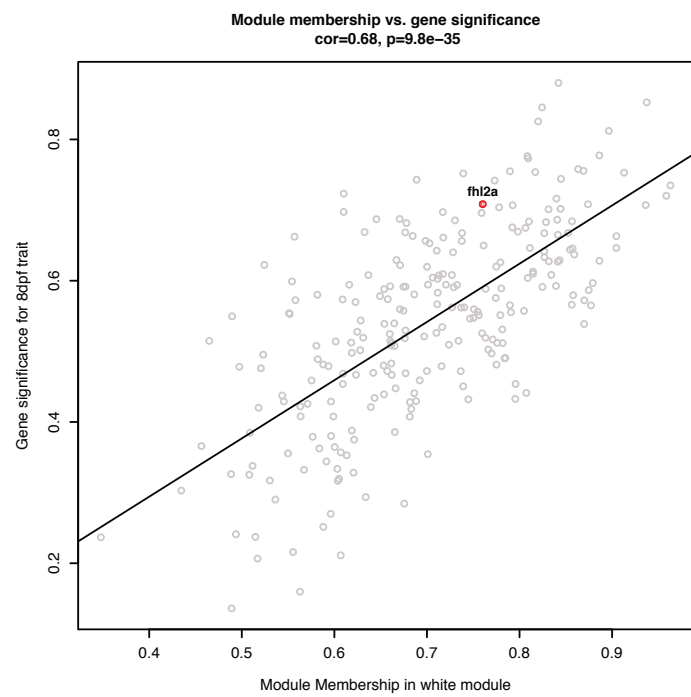
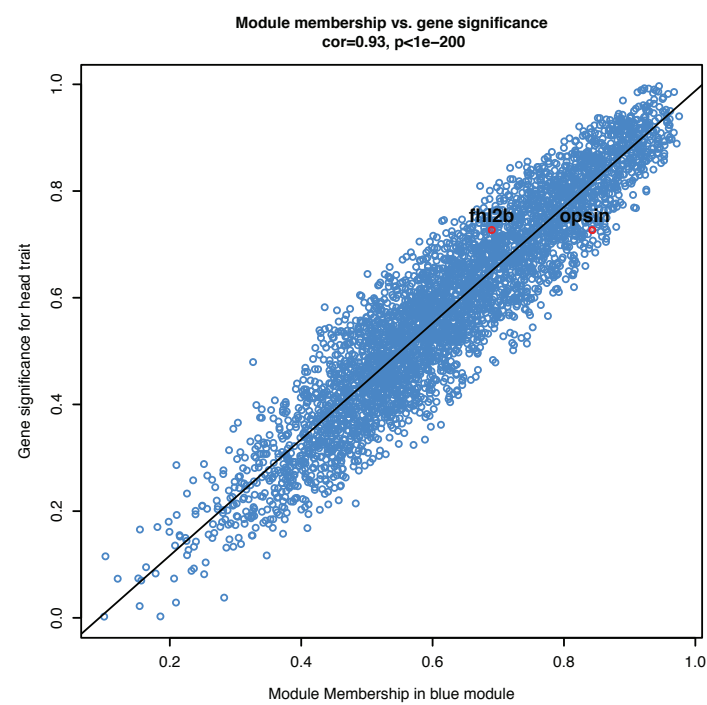


Figure S25

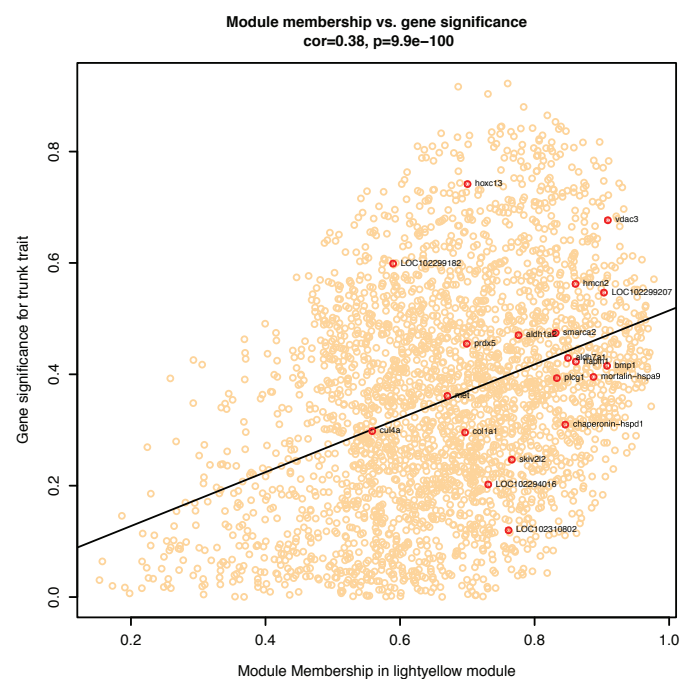
A



B



C



FigureS26

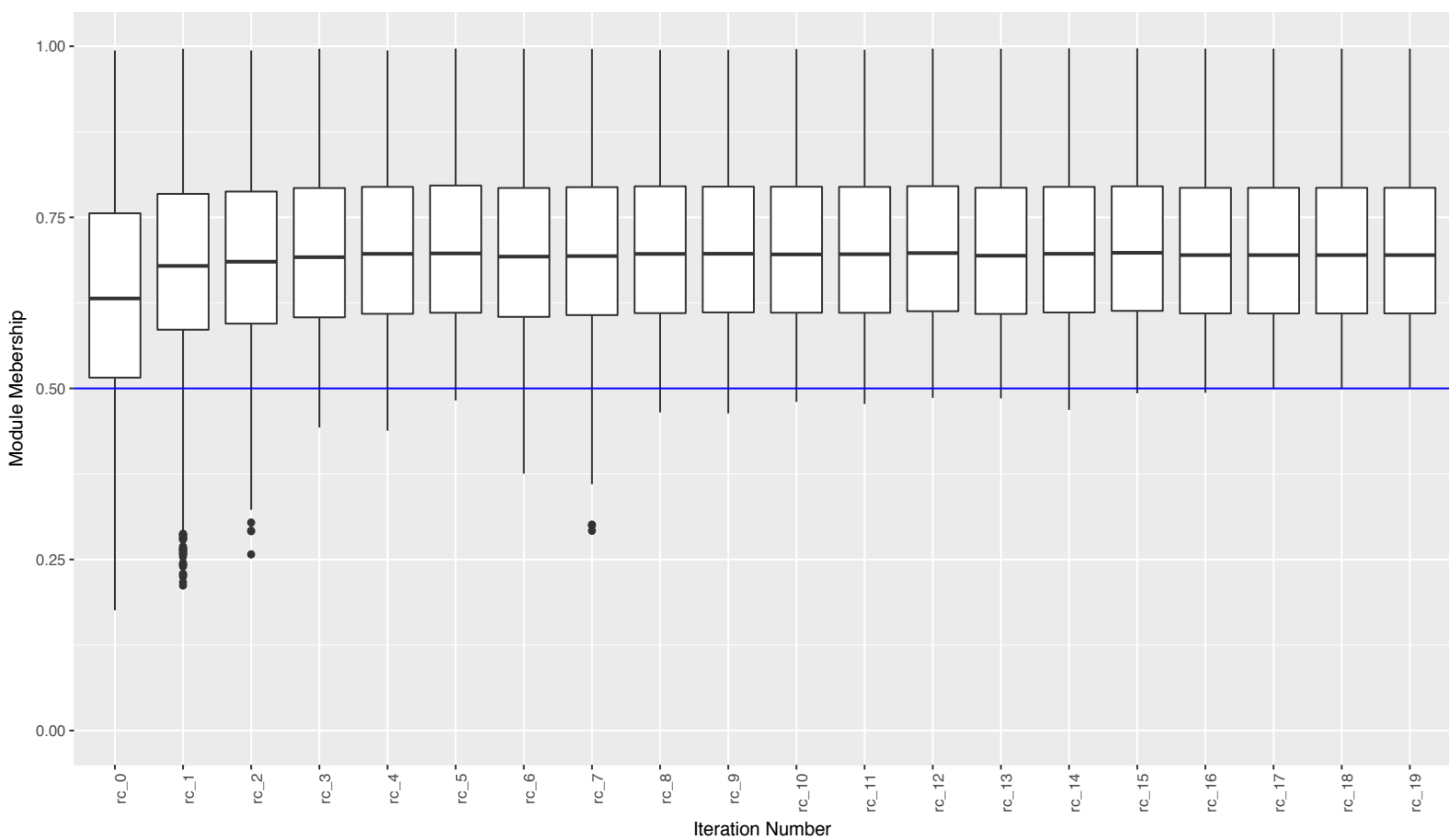


Figure S27

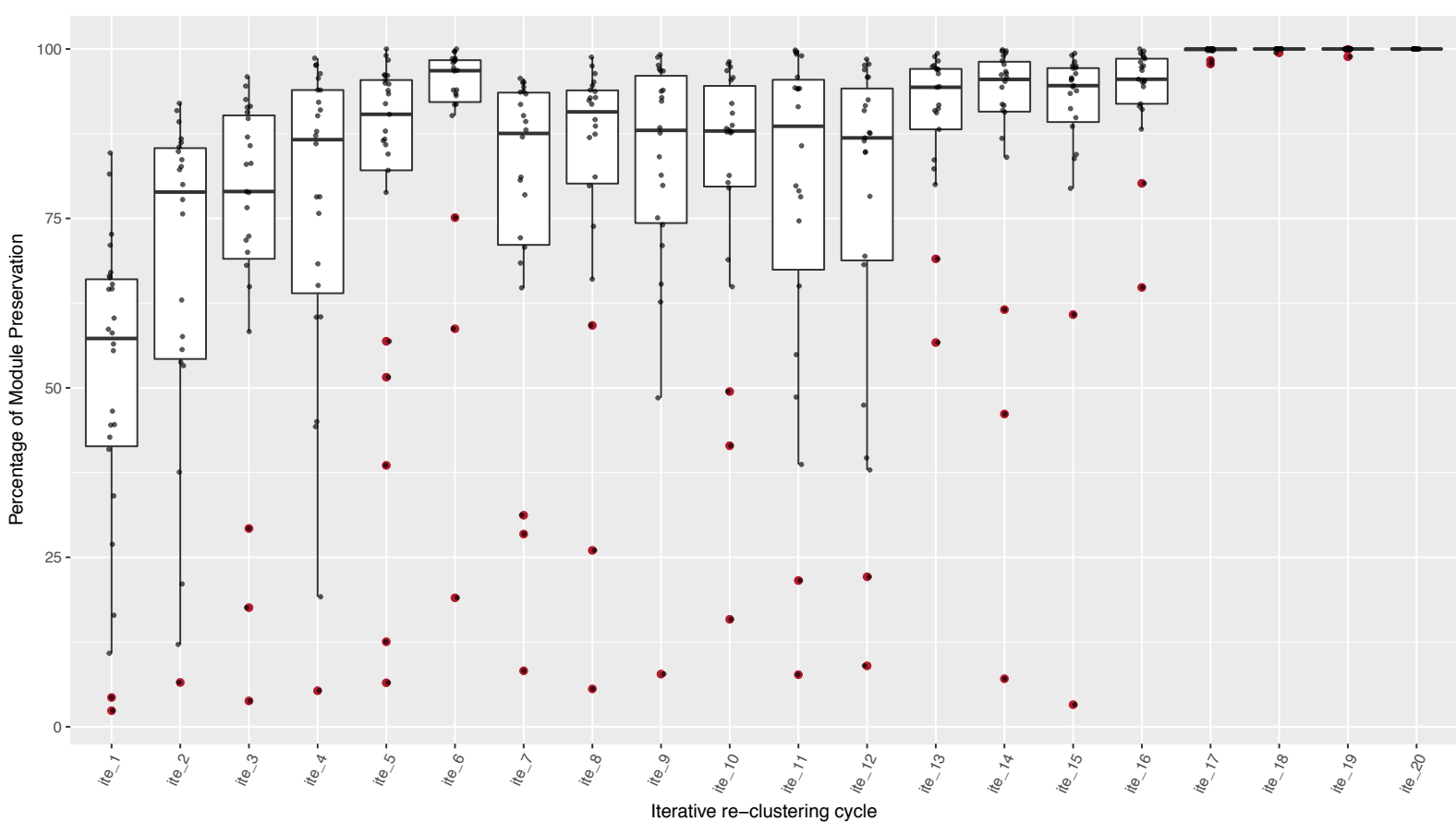


Figure S28