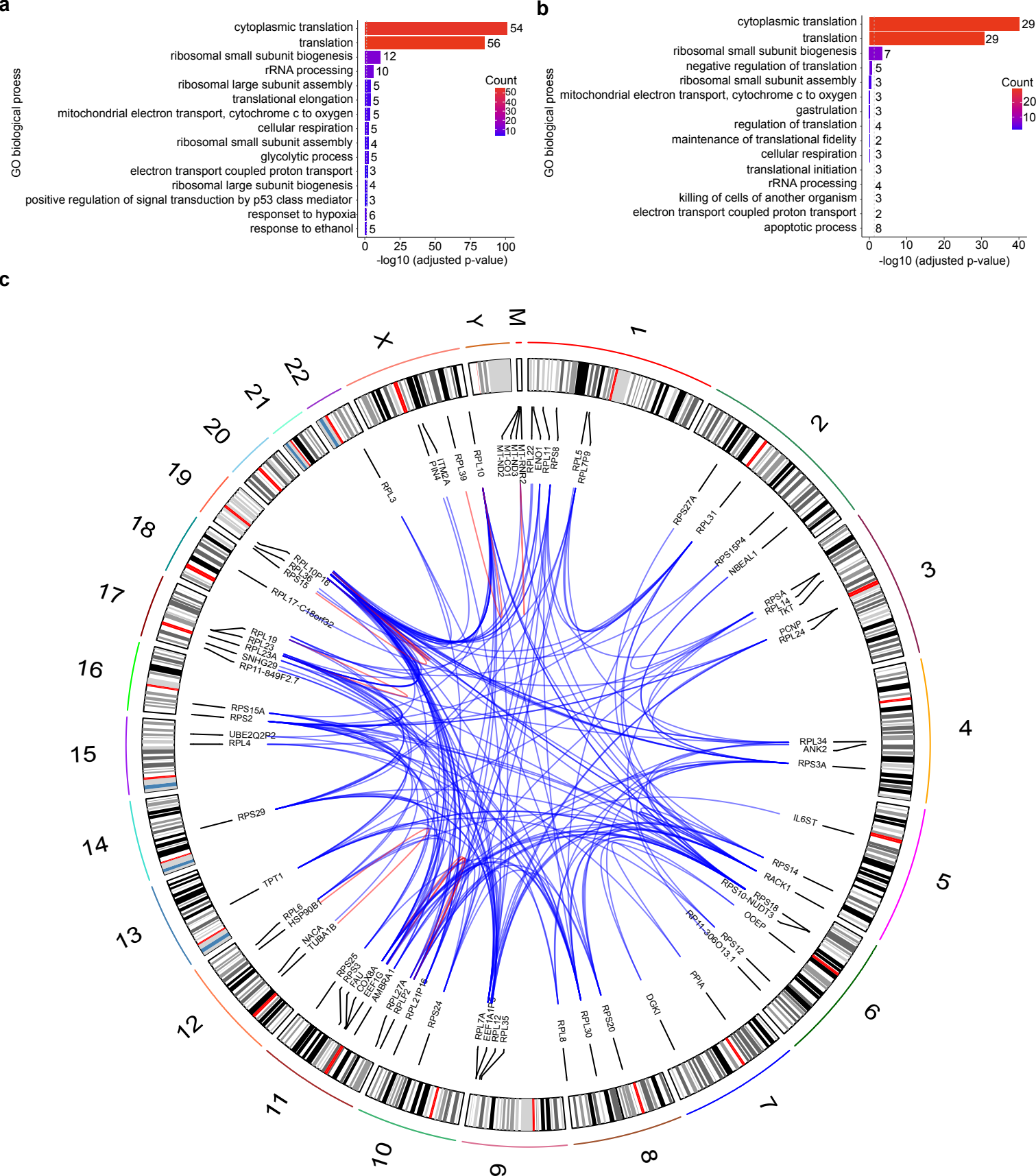
a
GO biological process
cytoplasmic translation 54
translation 56
ribosomal small subunit biogenesis 12
rRNA processing 10
ribosomal large subunit assembly 5
translational elongation 5
mitochondrial electron transport, cytochrome c to oxygen 5
cellular respiration 5
ribosomal small subunit assembly 4
glycolytic process 5
electron transport coupled proton transport 3
ribosomal large subunit biogenesis 4
positive regulation of signal transduction by p53 class mediator 3
responset to hypoxia 6
response to ethanol 5
Count
50
40
30
20
10
0 25 50 75 100
-log10 (adjusted p-value)
b
GO biological process
cytoplasmic translation 29
translation 29
ribosomal small subunit biogenesis 7
negative regulation of translation 5
ribosomal small subunit assembly 3
mitochondrial electron transport, cytochrome c to oxygen 3
gastrulation 3
regulation of translation 4
maintenance of translational fidelity 2
cellular respiration 3
translational initiation 3
rRNA processing 4
killing of cells of another organism 3
electron transport coupled proton transport 2
apoptotic process 8
Count
20
10
0 10 20 30 40
-log10 (adjusted p-value)
c
M
Y
X
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
RPL3
ITM2A
PIN4
RPL39
RPL10
MT-ND2
MT-ND1
MT-ND3
MT-ND4
MT-RNR2
RPL22
ENO1
RPL11
RPS8
RPL5
RPL7P9
RPS27A
RPL31
RPS15P4
NBEAL1
RPSA
RPL14
TKT
PCNP
RPL24
RPL34
ANK2
RPS3A
IL6ST
RPS14
RACK1
RPS18
RPS10-NUDT3
OOEP
RPS12
RP11-306O13.1
PPIA
DGKI
RPS20
RPL30
RPL8
RPL7A
EEF1A1P5
RPL12
RPL35
RPS24
RPL21P16
RPL27A
RPL12
RPS25
RPS3
FAU
CCDC86
EEF1G
AMBRA1
NACA
TUBA1B
RPL6
HSP90B1
TPT1
RPS29
RPS15A
RPS2
UBE2Q2P2
RPL4
RPL19
RPL23
RPL23A
SNHG29
RP11-849F2.7
RPL10P16
RPL36
RPS15
RPL17-C18orf32