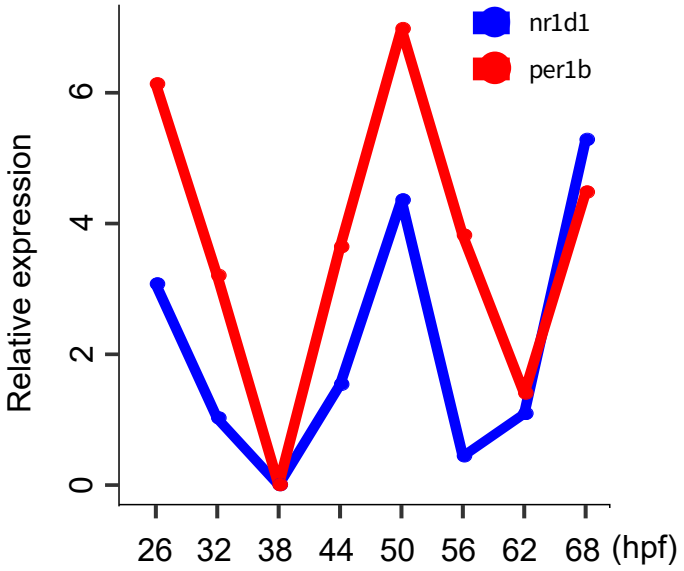
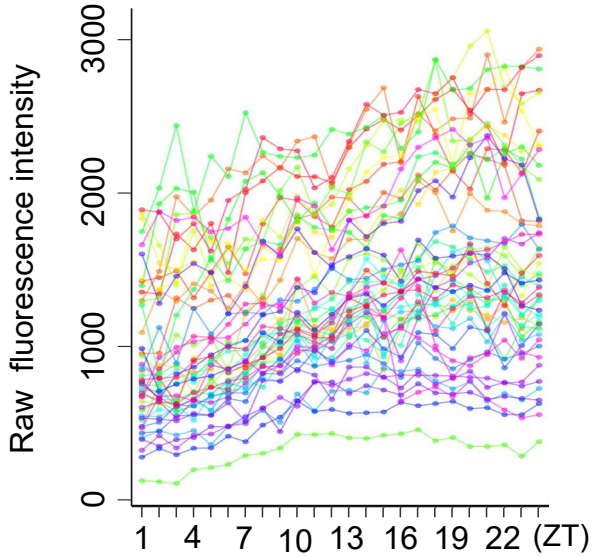
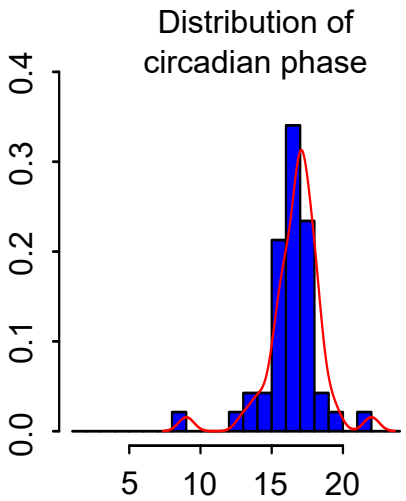
a


nr1d1
per1b
Relative expression
0
2
4
6
26
32
38
44
50
56
62
68
(hpf)

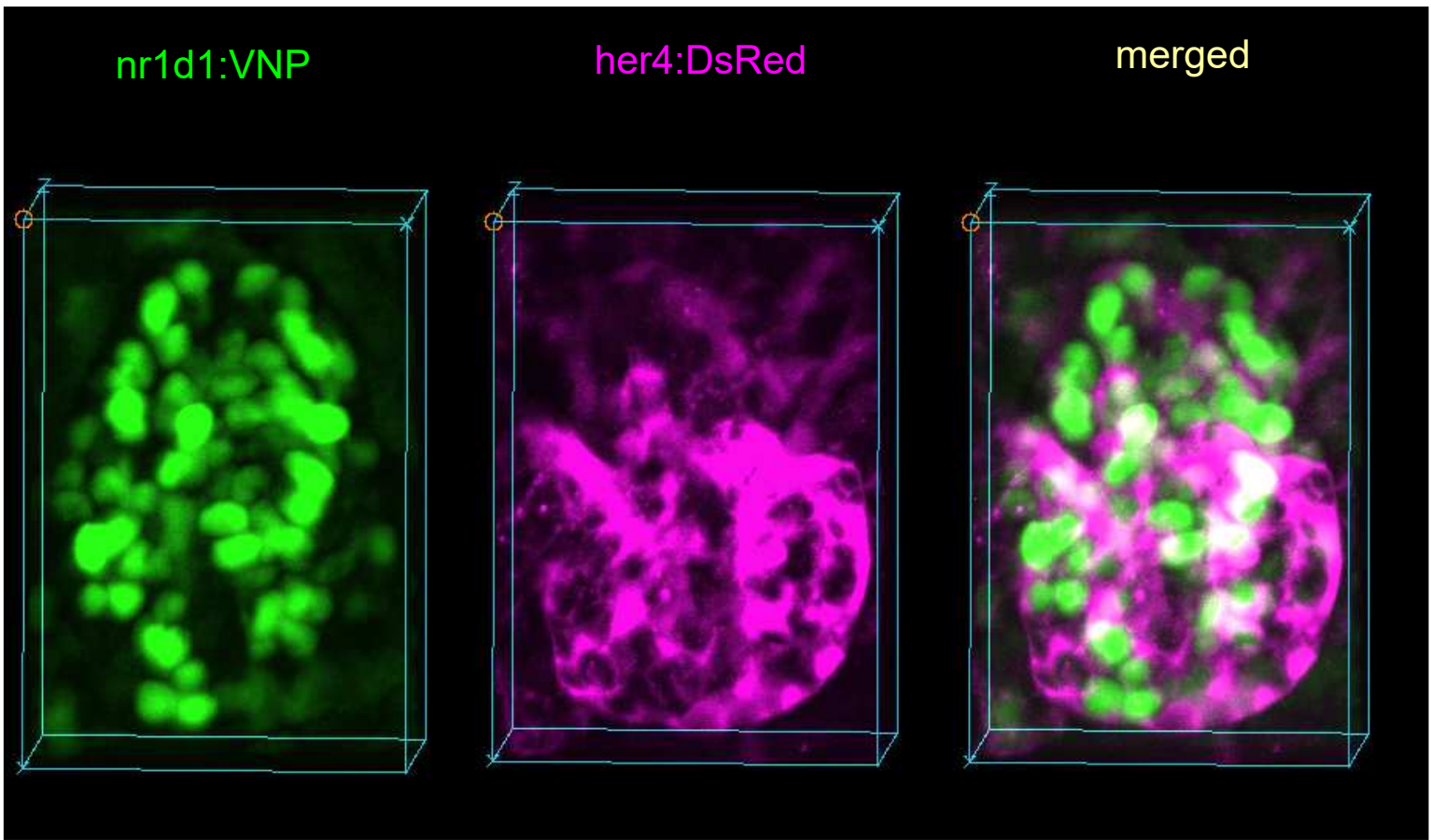
b


Raw fluorescence intensity
0
1000
2000
3000
1
4
7
10
13
16
19
22
(ZT)

c


Distribution of
circadian phase
0.0
0.1
0.2
0.3
0.4
5
10
15
20

d


nr1d1:VNP
her4:DsRed
merged