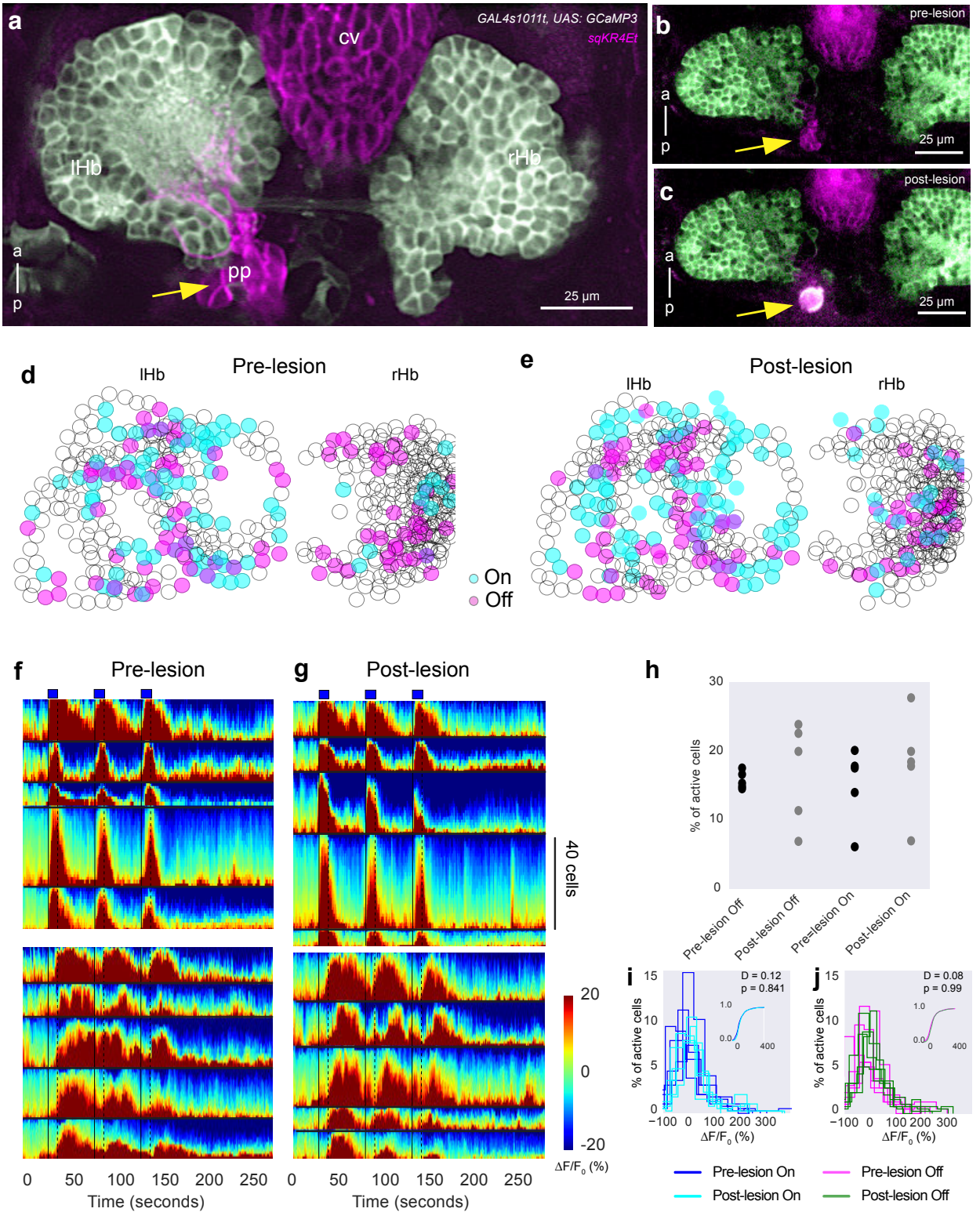
a
GAL4s1011t, UAS: GCaMP3
sqKR4Et
cv
lHb
rHb
pp
a
p
25 µm
b
pre-lesion
a
p
25 µm
c
post-lesion
a
p
25 µm
d
Pre-lesion
lHb
rHb
On
Off
e
Post-lesion
lHb
rHb
f
Pre-lesion
g
Post-lesion
40 cells
20
0
-20
ΔF/F0 (%)
0 50 100 150 200 250
Time (seconds)
h
% of active cells
Pre-lesion Off
Post-lesion Off
Pre-lesion On
Post-lesion On
i
D = 0.12
p = 0.841
% of active cells
ΔF/F0 (%)
j
D = 0.08
p = 0.99
% of active cells
ΔF/F0 (%)
Pre-lesion On
Post-lesion On
Pre-lesion Off
Post-lesion Off