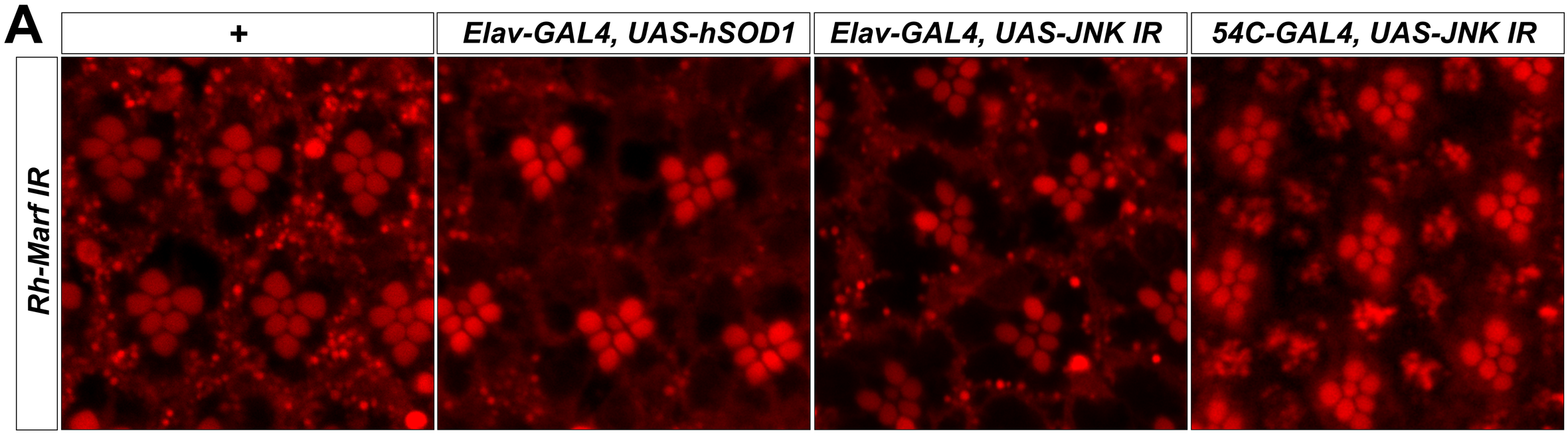
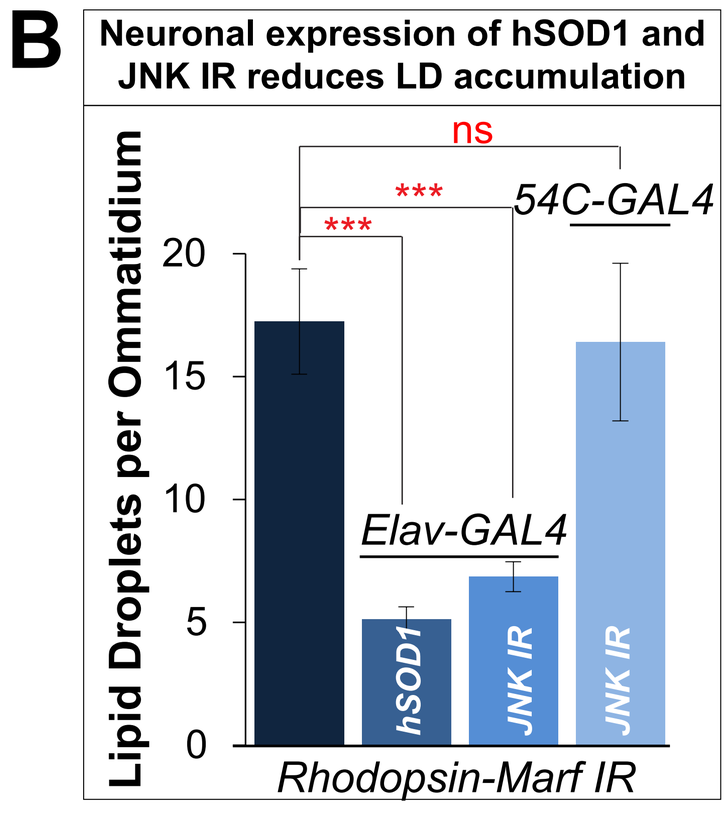
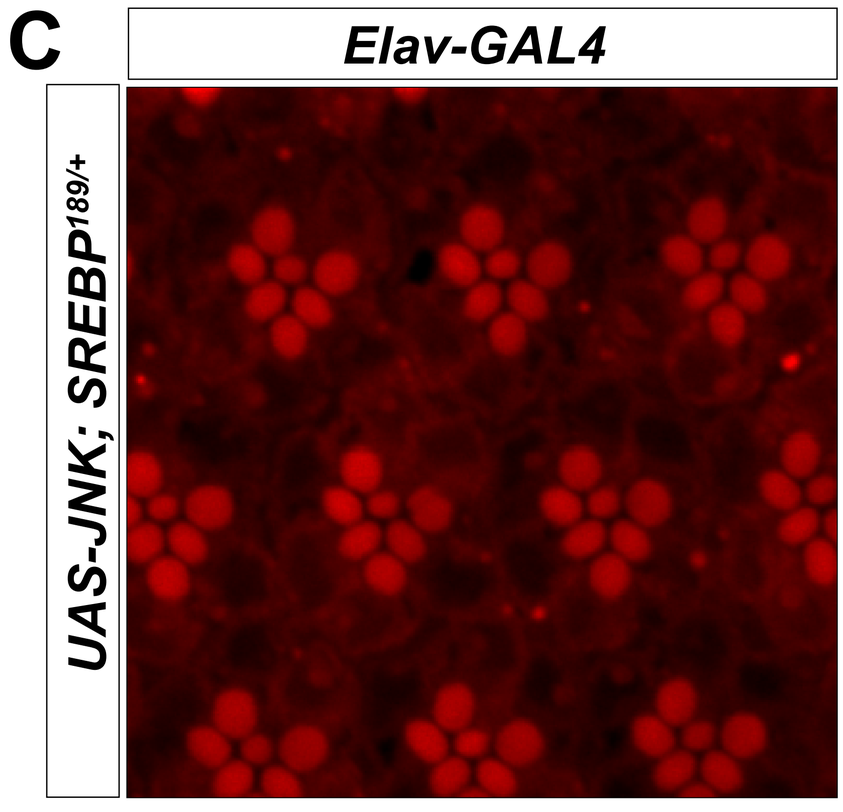
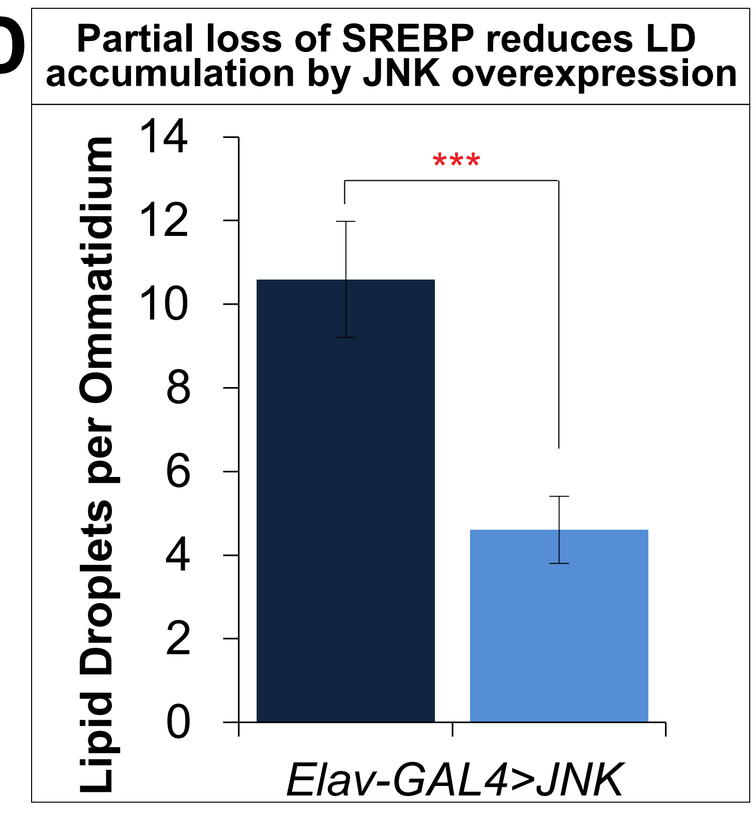
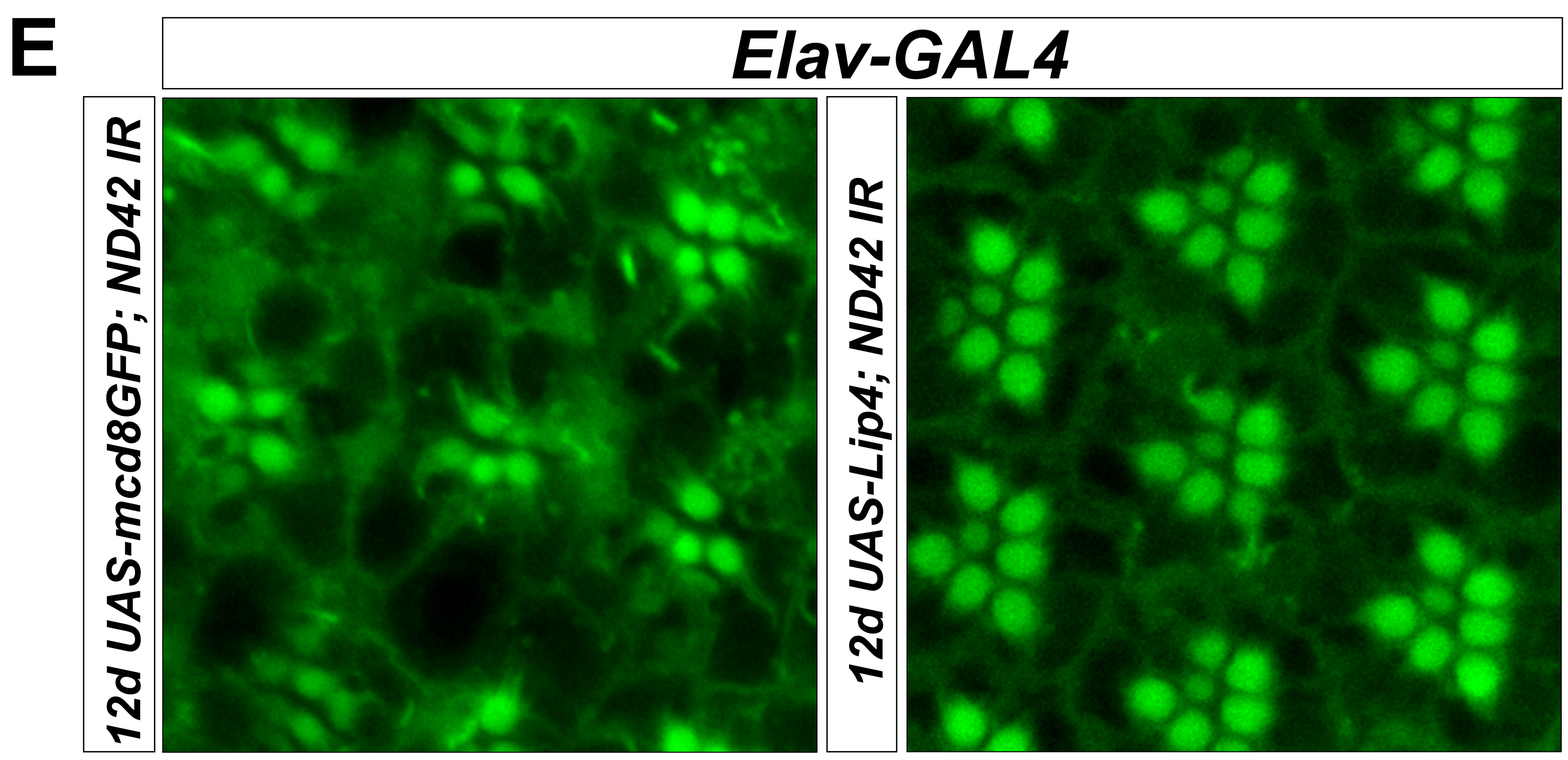
Figure S6

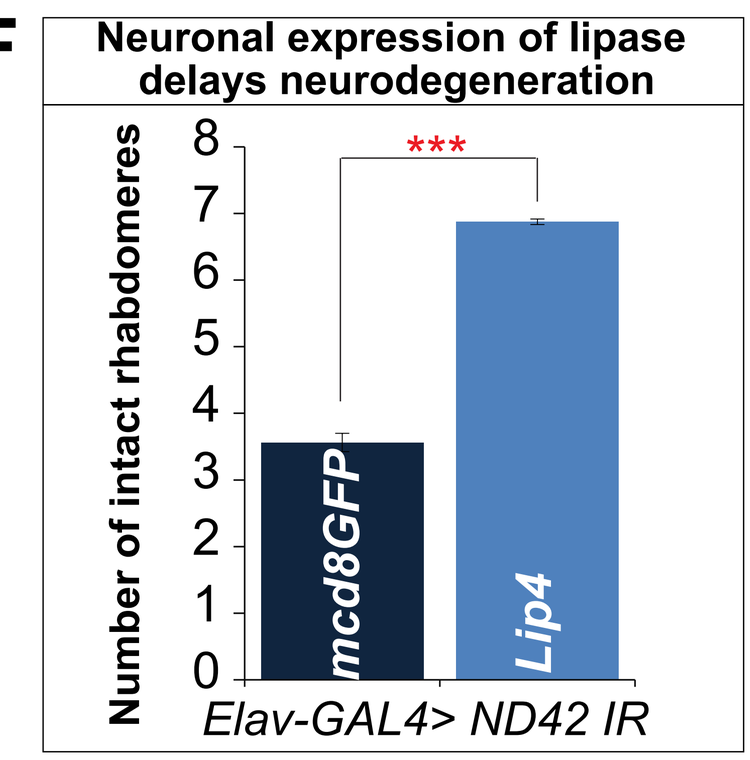

A
+
Elav-GAL4, UAS-hSOD1
Elav-GAL4, UAS-JNK IR
54C-GAL4, UAS-JNK IR
Rh-Marf IR

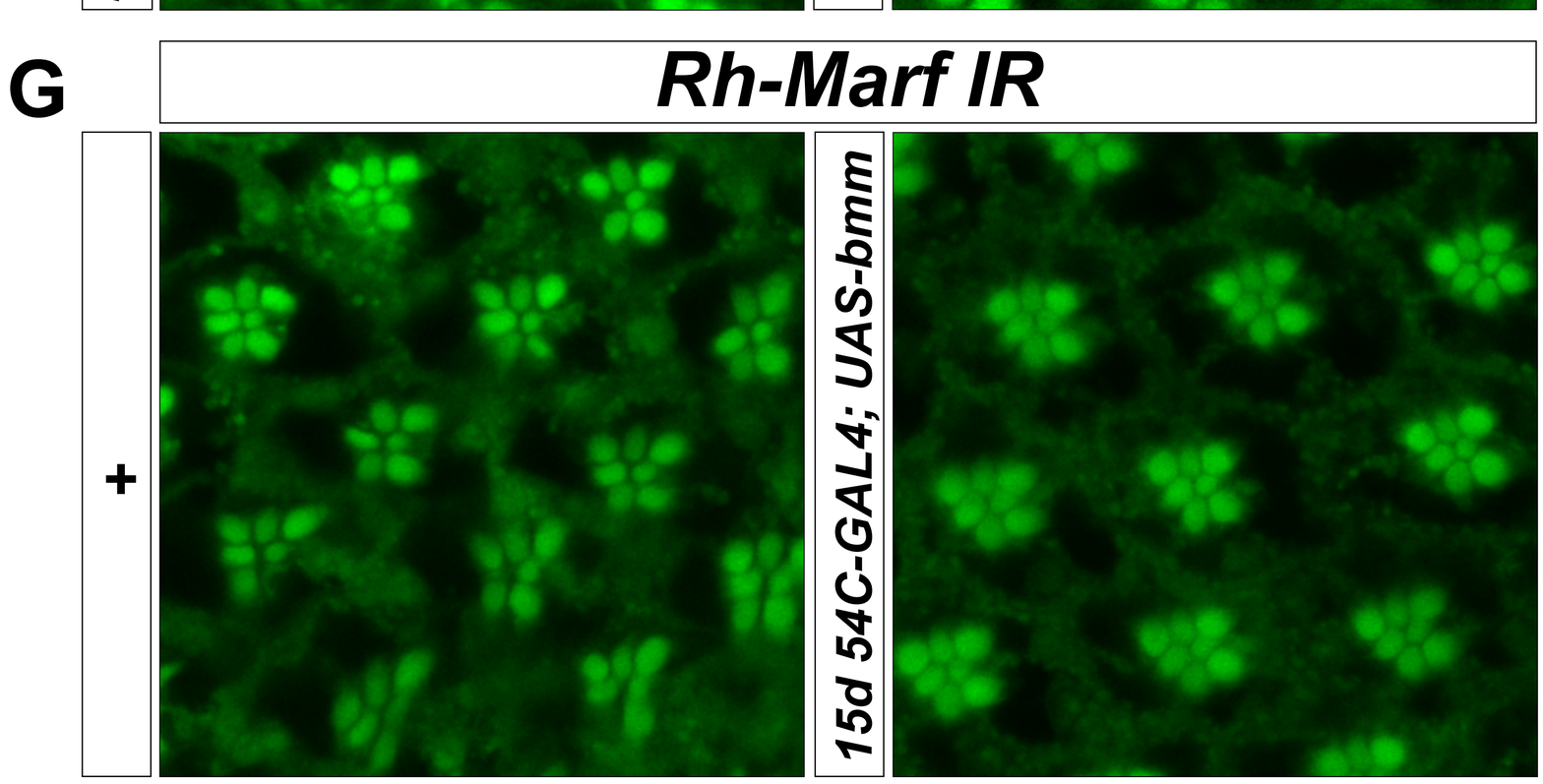

B
Neuronal expression of hSOD1 and JNK IR reduces LD accumulation
Lipid Droplets per Ommatidium
ns
***
***
54C-GAL4
Elav-GAL4
hSOD1
JNK IR
JNK IR
Rhodopsin-Marf IR
0
5
10
15
20

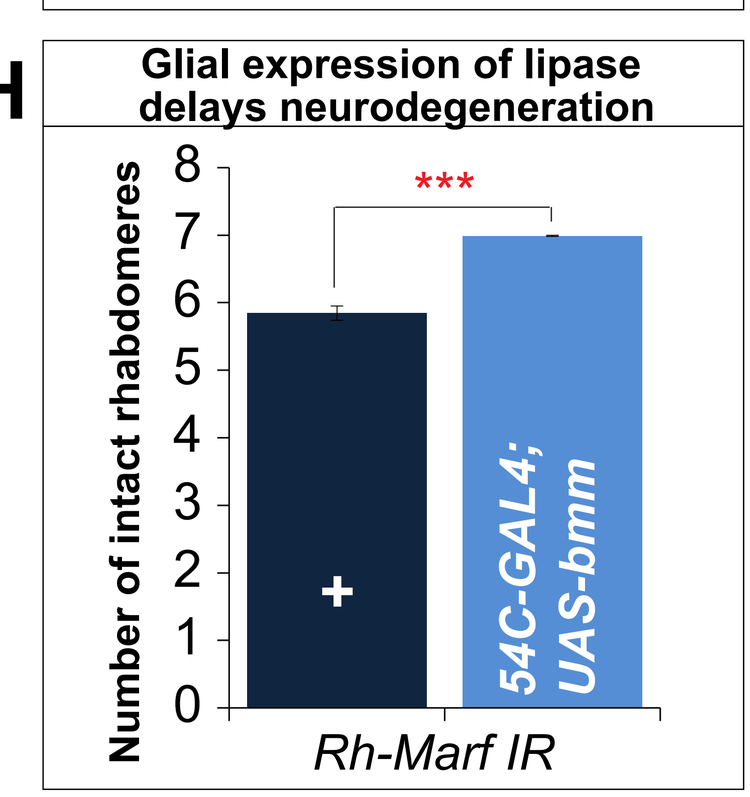

C
Elav-GAL4
UAS-JNK; SREBP189/+


D
Partial loss of SREBP reduces LD accumulation by JNK overexpression
Lipid Droplets per Ommatidium
***
Elav-GAL4>JNK
0
2
4
6
8
10
12
14


E
Elav-GAL4
12d UAS-mcd8GFP; ND42 IR
12d UAS-Lip4; ND42 IR


F
Neuronal expression of lipase delays neurodegeneration
Number of intact rhabdomeres
***
mcd8GFP
Lip4
Elav-GAL4> ND42 IR
0
1
2
3
4
5
6
7
8


G
Rh-Marf IR
+
15d 54C-GAL4; UAS-bmm


H
Glial expression of lipase delays neurodegeneration
Number of intact rhabdomeres
***
+
54C-GAL4; UAS-bmm
Rh-Marf IR
0
1
2
3
4
5
6
7
8