A
<0.0001
n.s.
<0.0001
<0.0001
n.s.
0.0001
N=19
N=23
N=27
N=36
N=30
N=26
ASER PCMC area (µm²)
15
10
5
0
ASER::mKate
ASER::TSP-6
ASER::GCY-22
GCY-22::GFP
osm-3 (p802); GCY-22::GFP
che-3 (ca511); GCY-22::GFP
Overexpression
Knock-in
B
<0.0001
0.0012
Vesicle diameter (nm)
2000
1500
1000
500
0
N=150
N=22
N=34
N=121
ASER::TSP-6
ASER::GCY-22
osm-3 (p802); TSP-6::wrmScarlet
osm-3 (p802); GCY-22::GFP
Overexpression
Knock-in
C
Dendrite
ASER::TSP-6::wrmScarlet
Dendrite
ASER::GCY-22::mEGFP
ASER::TSP-6::wrmScarlet
ASER::GCY-22::mEGFP
D
0.011
Vesicle diameter (µm)
0.8
0.6
0.4
0.2
0
N= 49
N= 15
TSP-6 alone
TSP-6 / GCY-22