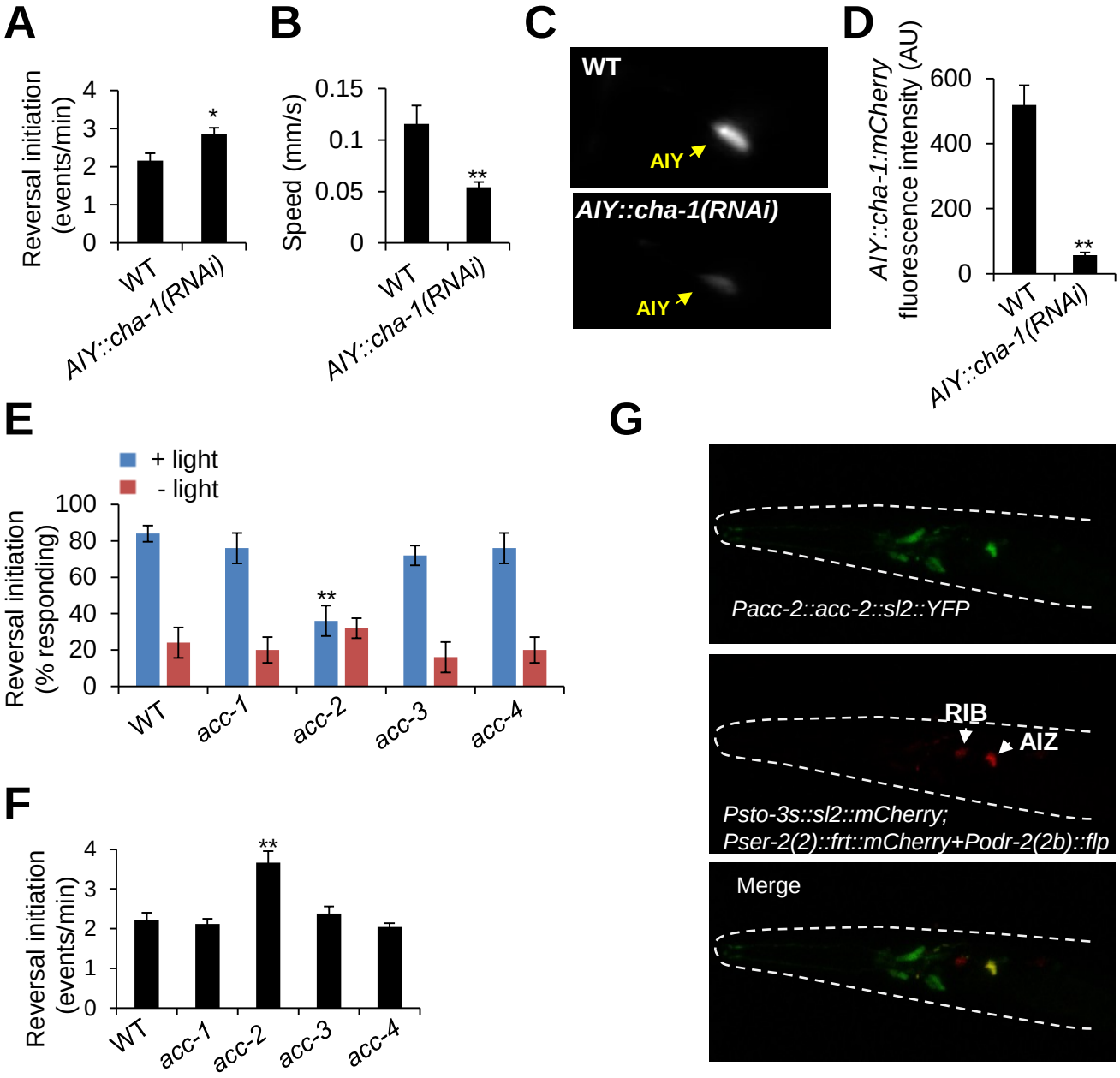
Figure S3


A
Reversal initiation (events/min)
4
3
2
1
0
*
WT
AIY::cha-1(RNAi)
B
Speed (mm/s)
0.15
0.1
0.05
0
**
WT
AIY::cha-1(RNAi)
C
WT
AIY
AIY::cha-1(RNAi)
AIY
D
AIY::cha-1:mCherry fluorescence intensity (AU)
600
400
200
0
**
WT
AIY::cha-1(RNAi)
E
+ light
- light
Reversal initiation (% responding)
100
80
60
40
20
0
**
WT
acc-1
acc-2
acc-3
acc-4
F
Reversal initiation (events/min)
4
3
2
1
0
**
WT
acc-1
acc-2
acc-3
acc-4
G
Pacc-2::acc-2::sl2::YFP
RIB
AIZ
Psto-3s::sl2::mCherry;
Pser-2(2)::frt::mCherry+Podr-2(2b)::flp
Merge