

Figure 5 supplement 1. Optogenetically-induced muscle calcium response requires all-trans retinal and depends on synaptic transmission

(A) Calcium responses in intact adult animals cultured with all-trans retinal (ATR) (n=17).

- (B) No calcium responses in intact adult animals cultured without ATR (n=24).
- (C) No calcium responses in intact unc-13(e51) animals with ATR (n=25).
- (D) No calcium responses in unc-13(e51) animals 48hr after axotomy with ATR (n=24).