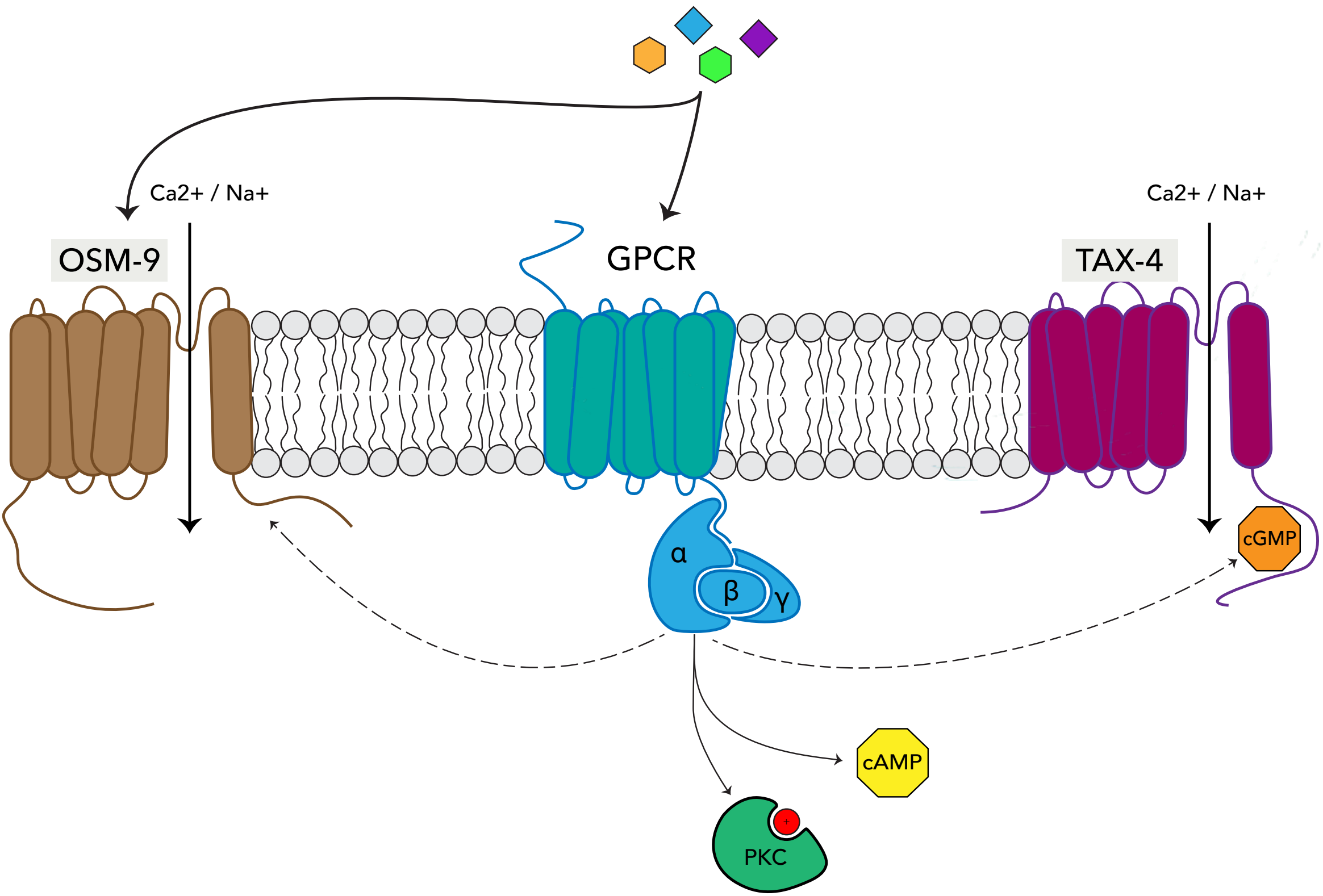




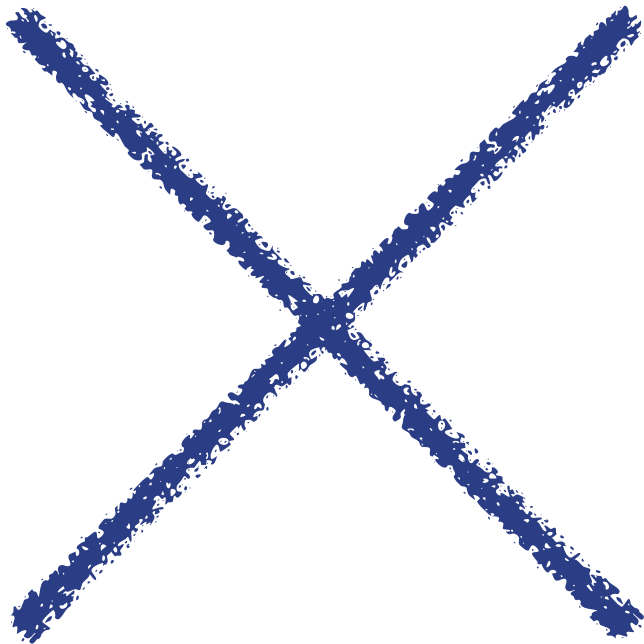
**The chemosensory pathway is employed by the  
mammalian infectious stage**

# Chemosensory Cue

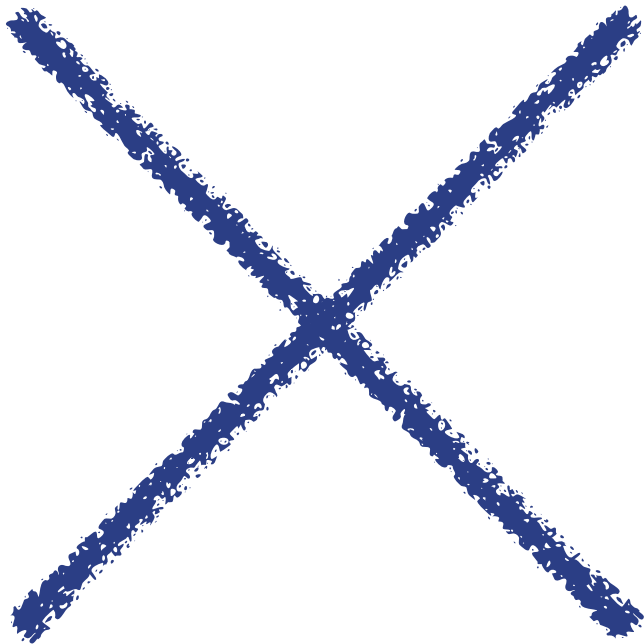




Whether 2020, PLDS Biology



***RNAi***





***RNAi***

Chemotaxis Index (CI)

1.00  
0.75  
0.50  
0.25  
0.00  
-0.25  
-0.50  
-0.75  
-1.00

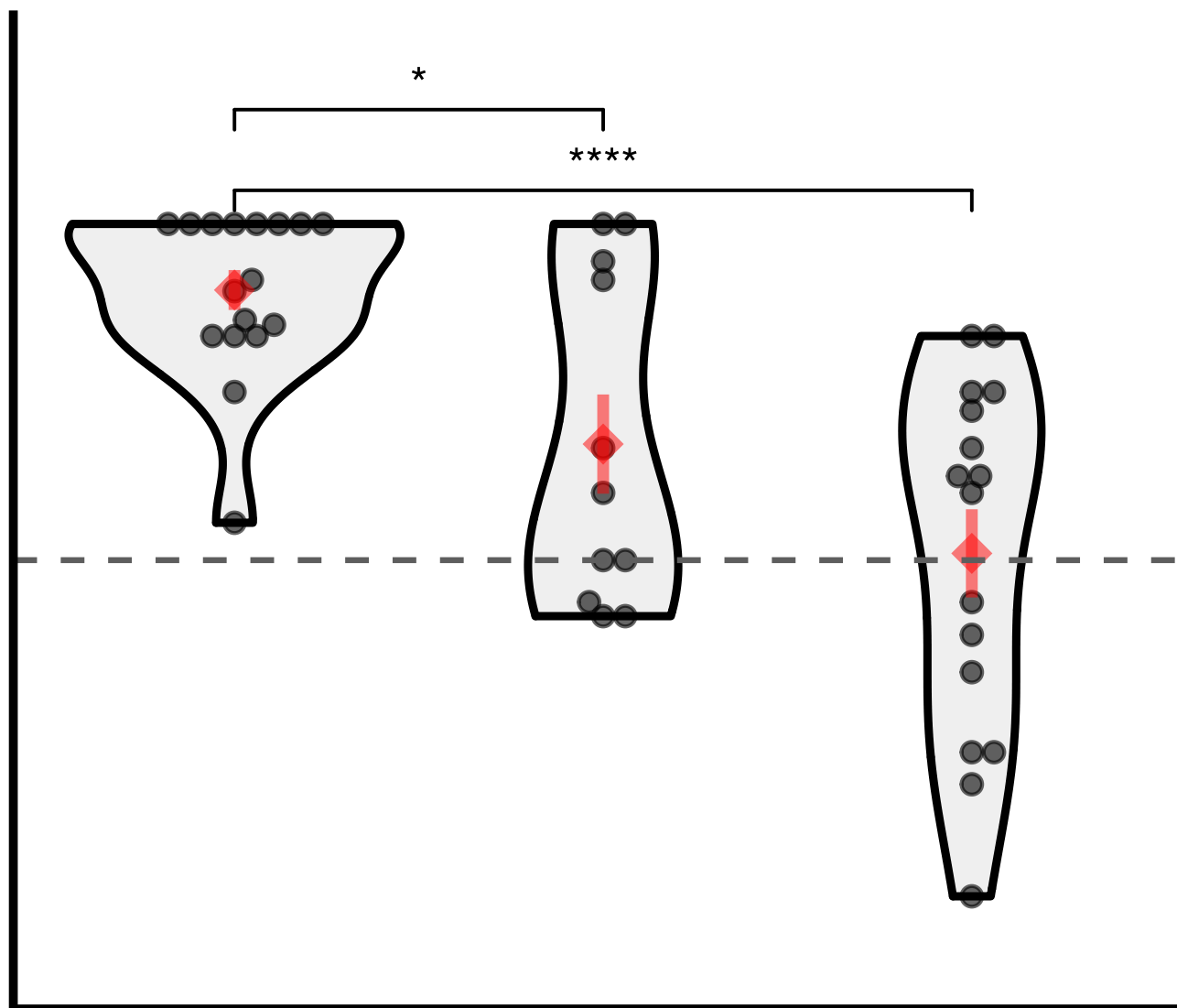
*lacZ*(RNAi)

*osm-9*(RNAi)

*tax-4*(RNAi)

\*

\*\*\*\*

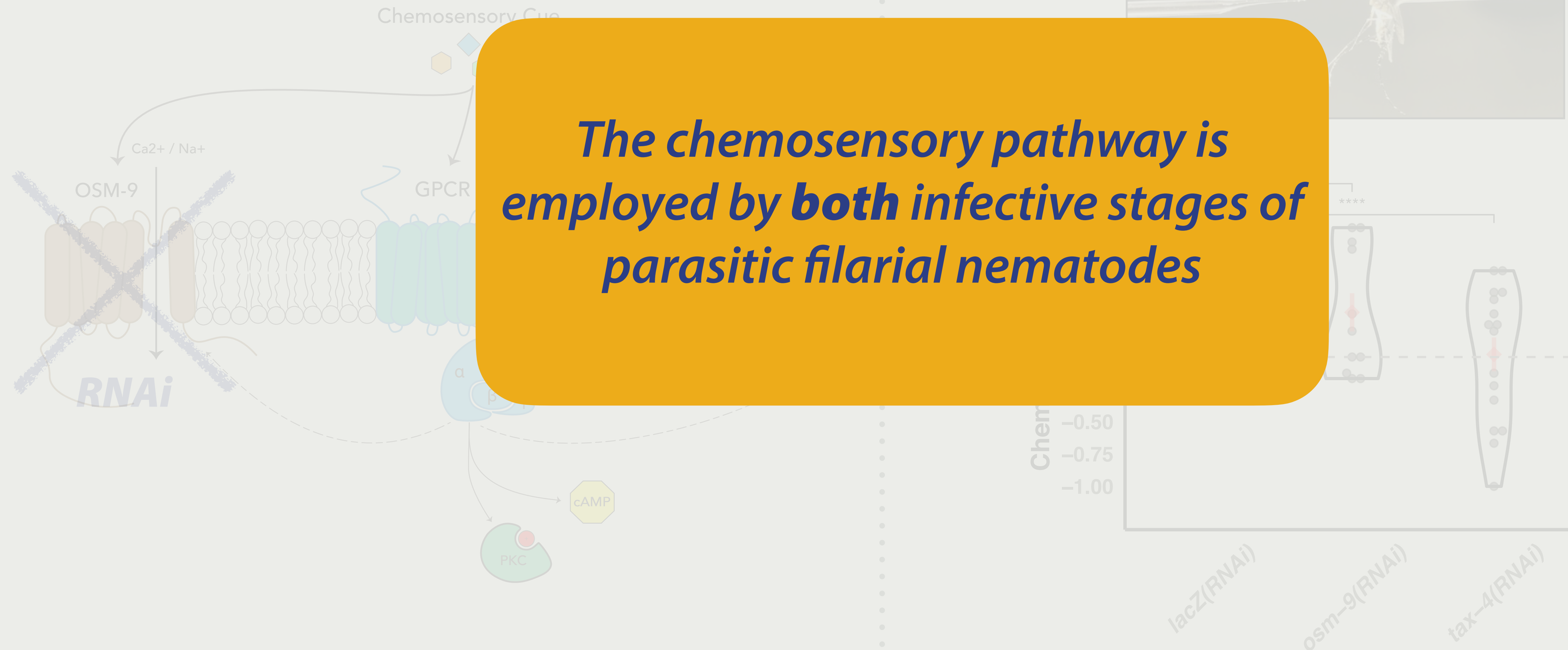




*The chemosensory pathway is employed by **both** infective stages of parasitic filarial nematodes*

The chemosensory pathway is employed by the mammalian infectious stage

*The chemosensory pathway is employed by **both** infective stages of parasitic filarial nematodes*





# Parasite sensory receptors rescue sensory defects in *C. elegans* knockout (KO) mutants

