

1. What was the biological question addressed in this paper?

2. What two signaling pathways are discussed in today's papers?
 - a. Name of pathway:

Ligand

Receptor

Response gene(s)

Signaling modulator(s)

- b. Name of pathway:

Ligand

Receptor

Response gene(s)

Signaling modulator(s)

3. Five experimental strategies are used in Raya et al. Please define the purpose of each (observation, gain of function, loss of function), and list the specific technique used.
 - a.
 - b.
 - c.
 - d.
 - e.

4. What technical or conceptual questions did you have when reading the research paper?
 - a.
 - b.
 - c.
 - d.