Animal division

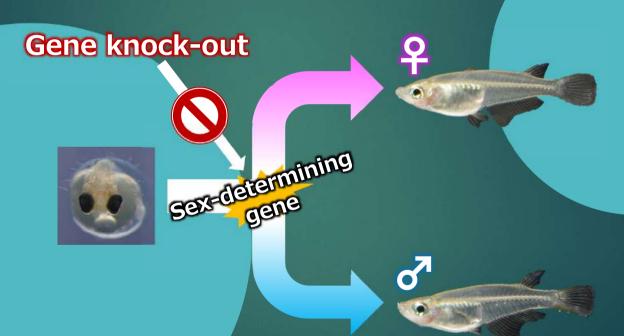


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Research area: Genetics, Developmental Biology

Research interests: Evolution of sex determination mechanisms in fish

Genome editing reveals molecular mechanisms of sex determination in medaka fishes



Our main model system is small fishes called "medaka" native to Asia. They show extremely diverse sex determination systems, and are a good model for elucidating their evolutionary mechanisms by genetic approaches.