

# This is a LEGO fish cell.

This cell has three pairs of chromosomes. A chromosome is a length of the DNA chain which has been packed so that it can be moved.

cell membrane

chromosome pair #1 with genes for tail color

chromosome pair #2 with genes for fin color

chromosome pair #3 with genes for spot color

centromere

## Extra Chromosomes



gene for green tail



gene for white tail



gene for brown fin



gene for red fin



gene for red spots



gene for blue spots

Spindle Fibers move chromosomes around inside of the cell.