

## Killer Whale Paternity Test

*Compare the DNA strands: look for which parent strand is the most similar to the offspring to identify the father*

Offspring:

TACTTCGGCTCAATTTACTTCGGCTCAATTACT

Males in the Pod (Potential fathers)

TCATTAACCTCGGCTTCATTCATTTAACTCGTGC

TACTTCGGCTAACTTTACCTTGGCTCAATTACT

TACGGCTTACTTAAACCCTAGATTTCGGTTTACT

## Killer Whale Paternity Test - Answer

*Compare the DNA strands: look for which parent strand is the most similar to the offspring to identify the father*

Offspring:

TAC | TTC | GGC | TCA | ATT | TAC | TTC | GGC | TCA | ATT | ACT

Males in the Pod (Potential fathers)

TCA | TTA | ACT | CGG | CTT | CAT | TCA | TTT | AAC | TCG | TGC

TAC | TTC | GGC | TAA | CTT | TAC | CTT | GGC | TCA | ATT | ACT

TAC | GGC | TTA | CTT | AAA | CCC | TAG | ATT | CGG | TTT | ACT