

## Clue #2

DNA Explained: All strands of DNA have these four base pairs: ACGT which stands for: adenine (A), cytosine (C), guanine (G), and thymine (T). In DNA, A and T are always found together and C and G are always found together. Every living thing has DNA. And each species has a different strand with a unique pairing.

The strand below is what came back when we scanned this particular animal's DNA.

### DNA Results:

A	T
X	C
G	C
A	X
A	T
X	T

Find the DNA Strand that closest resembles the strand we discovered.

Rat

A	T
A	T
A	T
G	C
G	C
A	T

Cat

A	T
G	C
G	C
A	T
A	T
A	T

Dog

G	C
G	C
G	C
A	T
A	T
G	C

The genetically modified element is represented by a X in the DNA Strand. Using the identifiers below, match the statements to the DNA strand to discover what ability the animal has been given.

Super Speed: Replaces the first T, third A and fourth C

Ability to Fly: Replaces the second A, third A and fourth C.

Super Strength: Replaces the first G, the second T and the fourth A.

Lazer Eyes: Replaces the first G, the second T and the fourth C.

By using these two formulas the answer is:

The animal is a \_\_\_\_\_ and has \_\_\_\_\_.