# PUNNETT SQUARE - Cross Involving One Trait

In a certain species of animal, black fur (B) is dominant over brown fur (b). Using the following Punnett Square, predict the phenotypes and genotypes of the offspring.

| | B | B |
|---|---|---|
| b | Bb | Bb |
| b | Bb | Bb |

**PURE DOMINANT** X **PURE RECESSIVE**

BB bb

Phenotypes of offspring:

100 % Black fur

0 % Brown fur

Genotypes of offspring:

0 % Pure Dominant

100 % Hybrid

0 % Pure Recessive