

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

Cross a PURE DOMINANT with a HYBRID

BB

Bb

Phenotypes of offspring:

100 % Black fur

0 % Brown fur

Genotypes of offspring:

50 % Pure Dominant

50 % Hybrid

0 % Pure Recessive