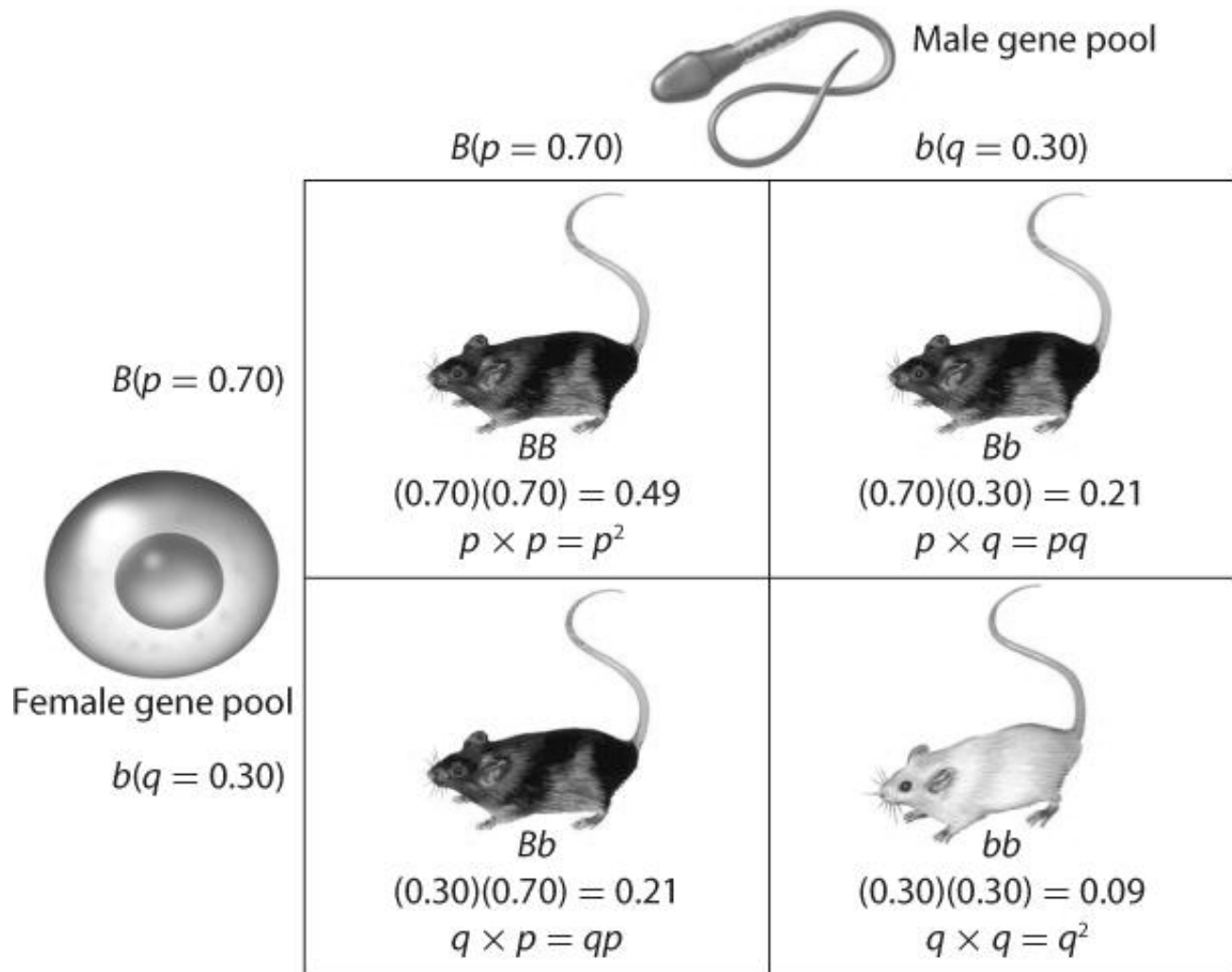


Punnett Squares to Determine Genotype Frequencies



A Punnett square can be used to determine the expected genotype frequencies in the next generation. This Punnett square has been scaled up to represent the genotype frequencies for the gametes in an entire gene pool. In generic terms, p^2 represents the homozygous dominant offspring, $2pq$ represents the heterozygous offspring, and q^2 represents the homozygous recessive offspring.