

□ Summary: Hardy Weinberg Law

1. Relationship between allele frequencies and genotype frequencies is given by

$$f(G_1) = p ; f(G_2) = q$$

$$f(G_1G_1) = p^2 ; f(G_1G_2) = 2pq ; f(G_2G_2) = q^2$$

2. Under random mating, genotype frequencies and allele frequencies stay constant from generation to the next one.