Hardy-Weinberg lolealized population no selection / random washing. · Given allele frequencies  $f(G_1) = p$ ;  $f(G_2) = q$ · Resulty penotype frequencies: f(GuGu)=p²  $f(G_1G_2) = Zpq$ From parents to offspring  $f(a_2G_2) = q^2$ Gian - senoty pe as parent

Gian - senoty pe as parent

From parents to offspring

From parents

From parents f (GaGa)=p2.p f(GaG2)=p2.9 f (G,G)-pg Giaz as pount with f (Giaz) = 2pg G1 f(G,G1)=pq.p f(G2G2)=pq.q G2 f(G2G1)=pq.p f(G2G2)=pq.q constant