Genotypic Values · Expected value for the random variable V is the population mean: u= Vu · f (6,6) + Vz · f (6,6) + Vz · f(6,6) = a · p2 + d · 2pq + o(-a) · q = a(p-q) + 2pqd = a(p-q)(prq)+2pqd Measur wents from phenohypic trait = (p-q)a +2, qd Gigi Genotypes Genetypic value for G.G. is called Vy = a. GuGz is called V12 = d G2 G2 is called V22 = -a.