

# Test Cross

What do we do if we need to know the genotype of an individual who has the dominant phenotype?

- Cross unknown with homozygous recessive

• If 100% of offspring show the dominant phenotype, then the unknown is homozygous dominant

$RR$  or  $Rr$ ?

100% dominant →

	R	R
r	Rr	Rr
r	Rr	Rr

	R	r
r	Rr	rr
r	Rr	rr

50% dominant