

### FTgpi is inherited as an autosomal trait at Mendelian frequency

Chi-square test (ratio 1:1)	Observed value	Expected value	$\chi^2$
FTgpi +	14	13	0.08
FTgpi -	12	13	0.08
Total	26	26	0.15

Degrees of Freedom: 1.  $H_0: FTgpi+ = FTgpi-$   $\chi^2_{0.15} p=0.7 > \chi^2_{3.84} p =0.05$  The observed  $\chi^2$  is not significantly different from the expected value, confirming the null hypothesis. The observed numbers are consistent with those expected under Mendel's law.