

Table 1. Segregation data for hypotrichosis suggests an autosomal recessive mode of inheritance.

Cross	Parents		Total progeny (no.)	Phenotype		Expected ratio <sup>a</sup> : (hairy:affected)
	Female	x Male		Hairy	Affected	
1	Affected	x Carrier	41	18	23	1:1
2	Carrier	x Carrier	42	29	13	3:1
3	Normal	x Carrier	14	14	0	1:0
4	Affected	x Affected	20	0	20	0:1

The Chi-squared ( $\chi^2$ ) goodness-of-fit test shows no significant difference between observed and expected numbers in all four crosses.

<sup>a</sup>Based on autosomal recessive inheritance.