

TABLE 18.1. The proportion of cases of autosomal dominant disorders that are due to new mutations is equal to the selection coefficient against the deleterious alleles

Disorder	Proportion
Apert's syndrome	>0.95
Achondroplasia	0.80
Tuberous sclerosis	0.80
Neurofibromatosis	0.40
Marfan's syndrome	0.30
Myotonic dystrophy	0.25
Huntington's disease	0.01
Adult polycystic kidney	0.01
Familial hypercholesterolemia	<0.01

Reproduced from Vogel F. and Motulsky A.G. 1997. *Human genetics: Problems and approaches*. Springer-Verlag, Berlin, Table 9.8, p. 397 (modified from Goldstein J.L. and Brown M.S. 1977. *Annu. Rev. Biochem.* **46**: 897–930 [© Annual Reviews, www.annualreviews.org]).