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X chromosome

- The X chromosome contains genes that code for all aspects of femaleness and genes unrelated to gender.
- Including genes for:
 - Vision
 - Immunity





- The Y chromosome is much smaller than the X.
- It carries a small number of genes, most of which are for "male characteristics"





SEX-LINKED INHERITANCE

 Most known sexlinked traits are Xlinked (carried on the X chromosome). This is probably because the X chromosome is much larger than the Y chromosome.



































infection, adverse reaction to transfusions and serious bleeding.





• Cross a father.	a carrier mo	other with a l	nemophiliac
		Хн	Xh
	Хн	ХнХн	X^HX ^ℎ
	Y	ХНΥ	Χ ^h Υ



Sex determination in other species

• <u>TED Ed - Sex Determination</u>