

## KEY TO GENE SYMBOLS

<u>Diseases</u>		<u>Traits</u>	
Dwarfism	D	A Blood Type	A
Huntington's Disease	H	B Blood Type	B
Marfan Syndrome	M	O Blood Type	o
Retinoblastoma***	R	Negative Rhesus Number	rh-
Albinism	a	Positive Rhesus Number	Rh+
Cystic Fibrosis	c	Blond Hair	r and/or b
Phenylketonuria (PKU)	p	Red Hair	R
Sickle Cell Anemia	s	Brown Hair	B
Tay-Sach's Disease	t	Blue Eyes	g or b
Color Blindness	X <sup>c</sup>	Brown Eyes**	B
Duchenne Muscular Dystrophy	X <sup>d</sup>	Green Eyes	G
Hemophilia	X <sup>h</sup>		

**\*\* The gene for brown eyes has not yet been located. However, if one of the chromosomes in the packet does not have a gene for eye color, brown eyes will be expressed.**

**\*\*\* Chromosome 13**

**NOTE: Capital letters for diseases mean that the disease will be expressed with only one allele. They are dominant diseases.**

# Human Chromosomes

