

## INHERITANCE OF SOME HUMAN CHARACTERS

<u>Character</u>	<u>Dominant*</u>	<u>Recessive</u>
Barbarossa (hair color pattern)	?	
Darwins Point	Point on ear lobe	normal
Dimples*	Dimple	normal
Drooping eye lids	Drooping lids	normal
Dyslexia*	Reading disability	normal
Ear lobes	Free (normal?)	attached (affixed)
Farsightedness*	Farsighted	normal
Hair line*	Widow's peak	continuous hairline (normal)
Intolerance to milk (lactose)	Tolerant	intolerant
Myopia (autosomal form)	Normal	nearsighted
Photic double sneeze reflex	Sunlight sneeze	normal
Polydactyly (extra fingers/toes)	Polydactyly	normal
Sleepwalking	?	
Thumb mobility*	Hypermobility thumb (depress thumb base)	normal
Thumb distensibility	Straight	hyperdistensible thumb (bend thumb terminus back 90°)
Tongue curl*	Curl (roll) into "U" shape	inability
<b>MEDICAL</b>		
Ateliotic dwarfism (well proportioned dwarf)	Normal	dwarf
Chondrodystrophic dwarfism (short limbs-normal torso)	Dwarf	normal
Galactosemia	Normal	galactosemia
Lesh-Nyham syndrome	Normal	Lesh-Nyham (sex-linked)
Phenylketonuria	Normal	Phenylketonuria (feeble-minded)
Tay-Sachs Disease	Normal	Tay-Sachs

**\*When the mutant is "dominant", the double dose mutant's (homozygous) phenotype is usually not known in humans.**

There is an opportunity still for simple genetic discoveries on the several samples labeled with an asterisk\* for the possibility of codominant inheritance (e.g. dimples might be extreme when homozygous?)