

DOMINANT AND RECESSIVE CHARACTERISTICS

Characteristics in the left-hand column dominate over those characteristics listed in the right-hand column.

	DOMINANT TRAITS	RECESSIVE TRAITS
eye coloring	brown eyes	grey, green, hazel, blue eyes
vision	farsightedness normal vision normal vision normal vision	normal vision nearsightedness night blindness color blindness*
hair	dark hair non-red hair curly hair full head of hair widow's peak	blonde, light, red hair red hair straight hair baldness* normal hairline
facial features	dimples unattached earlobes freckles broad lips	no dimples attached earlobes no freckles thin lips
appendages	extra digits fused digits short digits fingers lack 1 joint limb dwarfing clubbed thumb double-jointedness	normal number normal digits normal digits normal joints normal proportion normal thumb normal joints
other	immunity to poison ivy normal pigmented skin normal blood clotting normal hearing normal hearing and speaking normal- no PKU	susceptibility to poison ivy albinism hemophilia* congenital deafness deaf mutism phenylketonuria (PKU)

Human Traits: autosomal

1. Shape of face (probably polygenic)	Oval dominant, square recessive
2. Cleft in chin	No cleft dominant, cleft recessive
3. Hair curl (probably polygenic) Assume incomplete dominance	Curly: homozygous Wavy: heterozygous Straight: homozygous
4. Hairline	Widow peak dominant, straight hairline recessive
5. Eyebrow size	Broad dominant, slender recessive
6. Eyebrow shape	Separated dominant, joined recessive
7. Eyelash length	Long dominant, short recessive
8. Dimples	Dimples dominant, no dimples recessive
9. Earlobes	Free lobe dominant, attached recessive
10. Eye shape	Almond dominant, round recessive
11. Freckles	Freckles dominant, no freckles recessive
12. Tongue rolling	Roller dominant, nonroller recessive
13. Tongue folding	Inability dominant, ability recessive
14. Finger mid-digital hair	Hair dominant, no hair recessive
15. Hitch-hiker's thumb	Straight thumb dominant, hitch-hiker thumb recessive
16. Bent little finger	Bent dominant, straight recessive
17. Interlaced fingers	Left thumb over right dominant, right over left recessive
18. Hair on back of hand	Hair dominant, no hair recessive
19. Tendons of Palmar Muscle	Two tendons dominant, three tendons recessive