

Genotypes and Phenotypes Review

Use the following traits to determine Phenotype and Genotype

<u>Trait</u>	<u>Dominant</u>	<u>Allele</u>	<u>Recessive</u>	<u>Allele</u>
Earlobes	Free Ear Lobes	E	Attached Ear Lobes	e
Hair Type	Curly	C	Straight	c
Dimples	Dimples	D	No Dimples	d
Thumb	Straight Thumb	T	Curved Thumb	t
Eyelashes	Long Eyelashes	L	Short Eyelashes	l

Write out the GENOTYPE for these people:

- a. Heterozygous long eyelashes
- b. Homozygous straight thumb
- c. Dimples
- d. Straight hair
- e. Heterozygous free ear lobes
- f. Homozygous curved thumb
- g. Heterozygous curly hair
- h. Straight thumb

Write out the PHENOTYPES for these people:

- i. Ee
- j. Cc
- k. DD
- l. Dd
- m. Tt
- n. Ll
- o. CC
- p. Cc