

FACES OF AMERICA

with Henry Louis Gates Jr.



What's Your Genotype? Answer Key

Key:

F = dominant allele (Freckles)

f = recessive allele (no freckles)

I have freckles: YES NO
 My mother has freckles: YES NO Genotype: _____
 My father has freckles: YES NO Genotype: _____

Fill in the blanks based on your parents' genotypes:

Both parents have freckles, student has freckles

	F	F
F	FF	FF
F	FF	FF

Both parents have freckles and student does not

	F	f
F	FF	Ff
f	Ff	ff

One parent has freckles and student does

	F	F
f	Ff	Ff
f	Ff	Ff

One parent has freckles and student does not

	F	f
f	Ff	ff
f	Ff	ff

Neither of your parents have freckles and student does not

	f	f
f	ff	ff
f	ff	ff

Neither of your parents have freckles...and student does!

	f	f
f	ff	ff
f	ff	ff