















# Allele Chart for Aliens

Female: XX-Oval Male: XY-Rectangle

Trait	Genotype	Phenotype	Genotype	Phenotype	Genotype	Phenotype
Skin Color	BB	blue	Bb	purple	bb	red
Arms	EE	short	Ee	short	ee	long
Hands	HH	 hooks	Hh	 hooks	hh	 knobs
Legs	LL	two legs	Ll	two legs	ll	one leg
Feet	PP	pink feet	Pp	pink feet	pp	brown feet
Wings	WW	NO wings	Ww	NO wings	ww	 wings
Nose	NN	 pig nose	Nn	 star nose	nn	 elephant nose
Teeth	MM	many teeth	Mm	many teeth	mm	two teeth
1 Antenna	AA	/ straight	Aa	 curly	aa	NO antennae
Eyes	TT	 two	Tt	 two	tt	 one
Eye Color	GG	green	Gg	one green & one brown	gg	brown
Eyebrow	ZZ	 zigzag	Zz	 zigzag	zz	 straight

# Alien Family: Lab

Class \_\_\_\_\_ Table \_\_\_\_\_ Date \_\_\_\_\_

Team Names \_\_\_\_\_

Your Alien's Name: \_\_\_\_\_ Your Alien's Mate's Name: \_\_\_\_\_

<i>Your Alien</i>			<i>Your Alien's Mate</i>		
Trait	Genotype	Phenotype	Trait	Genotype	Phenotype
Gender			Gender		
Skin Color			Skin Color		
Arms			Arms		
Hands			Hands		
Legs			Legs		
Feet			Feet		
Wings			Wings		
Nose			Nose		
Teeth			Teeth		
1 Antenna			1 Antenna		
Eye(s)			Eye(s)		
Eye Color			Eye Color		
Brow(s)			Brow(s)		

Generation: \_\_\_\_\_

1<sup>st</sup> Child's Name: \_\_\_\_\_ 2<sup>nd</sup> Child's Name: \_\_\_\_\_

<i>Your 1<sup>st</sup> Child</i> Gender: <u>XX</u> <u>XY</u>			<i>Your 2<sup>nd</sup> Child</i> Gender: <u>XX</u> <u>XY</u>		
Trait	Genotype	Phenotype	Trait	Genotype	Phenotype
Gender			Gender		
Skin Color			Skin Color		
Arms			Arms		
Hands			Hands		
Legs			Legs		
Feet			Feet		
Wings			Wings		
Nose			Nose		
Teeth			Teeth		
1 Antenna			1 Antenna		
Eye(s)			Eye(s)		
Eye Color			Eye Color		
Brow(s)			Brow(s)		

1. Which trait(s) is most frequently occurring?
2. Which trait(s) is least frequently occurring?