



GENE KEY FOR STRAWBERRIES

GENE NUMBER	BASE PAIRS IN GENE	TRAIT	BASE PAIRS IN GENE	TRAIT
1	T-A A-T A-T A-T	Fruit has seeds in normal pattern	C-G C-G G-C C-G	Fruit has no seeds
2	A-T C-G C-G A-T	Fruit is sweet, has high sugar content	C-G A-T C-G A-T	Fruit is tart, has low sugar content
3	A-T A-T C-G C-G	Fragile skin	A-T C-G G-C G-C	Tough skin

A-T = Adenine & Thymine base pair

C-G = Cytosine & Guanine base pair

Gene	Base Pairs	Playdough Color(s)
Gene 1		
Gene 2		
Gene 3		

Describe your strawberry's phenotype:

After you have chosen your base pairs, collect playdough colors to build your DNA model. Draw a sketch of your DNA model.

DNA gene key followed from:

https://naitc-api.usu.edu/media/uploads/2015/02/12/Design_Yer_Genes_Part_1_Lab_Sheets.pdf