

SPONGEBOB genetics

1. Classify each of the following gene pairs (alleles) as heterozygous (He) or homozygous (Ho).

TT _____ Bb _____ dd _____ Ff _____ Rr _____

2. Give the possible ALLELES for each trait based on the information provided in the chart→ Each answer has 2 letters

Purebred squarepants - S S

Blue body -

Hybrid round eyes -

Purebred roundpants -

Heterozygous squarepants -

Homozygous yellow body -

	Dominant Gene	Recessive Gene
Body Shape: Squarepants (S)		Roundpants (s)
Body Color: Yellow (Y)		Blue (y)
Eye Shape: Round (R)		Oval (r)