

**Submitted By**

Puppy Lodge

**Subject Dog**

Dog Name: **Jarod**  
 Breed: **Shih Tzu**  
 Phenotype: **brown & white**  
 Sex: **Male**  
 Birth: **May 27, 2022**

Lab Reference #: **816503**  
 Microchip: **900215002679094**

**Disorder Results (3 of 13)**

DM	<b>n/DM</b>	Heterozygous: Dog carries one copy of the mutation associated with Degenerative Myelopathy. In some breeds, there is a low risk of the dog developing the disorder
HUU	<b>n/n</b>	Clear: Dog is negative for the mutation associated with Hyperuricosuria.
PRA-prcd	<b>n/n</b>	Negative: Dog is negative for the mutation associated with prcd-PRA.

**Color Results (5 of 13)**

A-Locus	<b>AY/AY</b>	Dog is homozygous for fawn/sable.
B-Locus	<b>B/B</b>	Dog does not carry the mutation for most forms of chocolate coloration.
D-Locus	<b>D/D</b>	Negative: Dog is negative for the mutation associated with a diluted coat color.
E-Locus	<b>EM/E</b>	Dog is negative for cream/yellow and has one copy of mask.
K-Locus	<b>n/n</b>	Dog is negative for the KB allele, and the coat coloration will be based on the agouti genotype.

**Pattern Results (1 of 13)**

S-Locus	<b>S/S</b>	Homozygous: Dog has two copies of S-Locus resulting in a nearly solid white, parti, or piebald coat color.
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**Trait Results (4 of 13)**

Curl 1&2	<b>n/n</b>	The dog is negative for the hair curl allele. The dog will have non-curly hair, and will always pass on the allele responsible for non-curly hair to any offspring
Furnishings	<b>n/F</b>	Furnished: Dog has one copy of the furnishings mutation and will be visibly furnished. The furnishings mutation may be passed to offspring.
Hair Length (1-5)	<b>l<sup>1</sup>/l<sup>1</sup></b>	Two copies of the long-hair allele, dog will have longer than average hair per the breed standard.
Shedding	<b>n/n</b>	Dog has no copies of the shedding allele. The dog will have a low propensity towards shedding.