Animal Genetics

3382 Capital Circle NE
Tallahassee, FL 32308

Generated on: 04/06/26

Genetic Testing Report

Charlie

Submitted By

Cavapoos 316

Subject Dog

Dog Name: **Charlie**
Breed: **Cavalier King Charles Spaniel**
Phenotype: **Blenheim**
Sex: **Male**
Birth: **Jan 5, 2023**

Lab Reference #: **971589**
Registration: **TS58449901**
Microchip: **991003001660676**

Disorder Results (4 of 14)

CKCSID	**n/n**	Clear: Dog is negative for mutation associated with Curly Coat Dry Eye.
DM	**n/n**	Clear: Dog is negative for mutation associated with Degenerative Myelopathy.
EFS	**n/n**	Clear: Dog is negative for mutation associated with Episodic Falling.
PRA-prcd	**n/n**	Negative: Dog is negative for the mutation associated with prcd-PRA.

Color Results (5 of 14)

A-Locus	**at/at**	Dog has two copies of the gene causing tan points.
B-Locus	**B/B**	Dog does not carry the mutation for most forms of chocolate coloration.
D-Locus	**D/D**	Negative: Dog is negative for the mutation associated with a diluted coat color.
E-Locus (E, EM, eA, eW, e)	**e/e**	Dog has two copies of cream/yellow.
K-Locus	**n/n**	Dog is negative for the KB allele, and the coat coloration will be based on the agouti genotype.

Pattern Results (1 of 14)

S-Locus	**S/S**	Homozygous: Dog has two copies of S-Locus resulting in a nearly solid white, parti, or piebald coat color.

Trait Results (4 of 14)

Curl 1&2	**n/n**	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	**n/n**	Non-Furnished: Dog is negative for the furnishings mutation.
Hair Length (1-5)	**l^1/l^1**	Two copies of the long-hair allele, dog will have longer than average hair per the breed standard.
Shedding	**n/n**	Dog has no copies of the shedding allele. The dog will have a low propensity towards shedding.