



Genetic Testing Report

Beetle

Submitted By

Amp Genetics

Subject Dog

Dog Name: **Beetle**
Breed: **Cavalier King Charles Spaniel**
Phenotype: **Blue Merle**
Sex: **Male**
Birth: **Jan 29, 2023**

Lab Reference #: **714328**
Microchip: **991003001636493**

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 carries one copy of the gene responsible for chocolate/brown coloration
D-Locus	D/D	Negative: Dog is negative for the mutation associated with a diluted coat color.
E-Locus	E/e	Dog carries one copy of cream/yellow and is negative for mask.
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	n/S	Heterozygous: Dog has one copy of S-Locus. Results vary according to breed, with some limited white spotting in some breeds.
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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.