



3382 Capital Circle NE
Tallahassee, FL 32308

Genetic Testing Report

Cochran's Barkley

Submitted By		Owned By	
Amp Genetics		Amp Genetics	
3861 Township Road #374 Millersburg, OH 44654 USA		3861 Township Road #374 Millersburg, OH 44654 USA	
Subject Dog			
Name: Cochran's Barkley		Lab Reference #: 727670	
Breed: Cavalier King Charles Spaniel		Sample Date: 06/24/2023	
Phenotype: Chocolate Tri		Research Date: 06/24/2023	
Sex: Male		Microchip: 933000320551957	
Birth: 03/18/2021		American Kennel Club: TS50474201	
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 has two copies of the brown/chocolate gene.	
D-Locus	D/D	Negative: Dog is negative for the mutation associated with a diluted coat color.	
E-Locus	E/E	Dog is negative for cream/yellow and 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	S/S	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 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)	l¹/l¹	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.