AnimalGenetics INCORPORATED
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Canine Genetic Testing Report

Submitted By
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Subject Dog 00059104

Date Received: 7/25/2016

Dog Name: **La Jole de Sur le Delavan**
Breed: Epagneul Breton
Phenotype: Orange/White/Roan

Registration: R258-444
Sex: Female
Birth: 20/10/2015

Sire

Sire Name: Des Plaines' J'ai Ceci
Breed: Epagneul Breton
Registration: R248-046
Phenotype: Orange/White

Dam

Dam Name: De la Ferme Sur le Delavan
Breed: Epagneul Breton
Registration: R204-330
Phenotype: Black/White

Coat Color Testing

X	A Locus-Ay	n/n	Dog does not carry the gene responsible for fawn/sable coat color.
X	A Locus-At	At/At	Dog has two copies of the tan points/tricolor gene.
X	A Locus-a	n/n	Dog does not carry the gene responsible for recessive black coat color.
X	B Locus	B/B	Dog does not carry the brown allele, and can never pass on the gene for brown to future offspring.
X	D Locus	D/d	Dog carries the dilution gene, but will appear full color.
X	E Locus- EM	n/n	Dog does not carry allele for melanistic mask.
X	E Locus- e	e/e	The dog is yellow-based, and will always pass on a copy of the yellow allele to any offspring.
X	K Locus-KB	n/KB	Dog has one copy of the dominant black gene. Dog is self-colored, and can pass on that gene to any offspring.
X	Spotting	S/S	Dog has two copies of the spotting or parti-color gene, and will always pass on one copy to all offspring.
	Harlequin		Not Tested
	Merle		Not Tested

Coat Type Testing

	Hair Length		Not Tested
	Hair Curl		Not Tested
	Furnishings		Not Tested
	Bobtail		Not Tested

Genetic Disorders

	DM		Not Tested

Genetic Marker Results

Run Date: Not Tested

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AHT121	AHT137	AHTh171	AHTh260	AHTk211	AHTk253	CXX-279
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CAN-AMEL	FH2054	FH2848	INRA21	INU005	INU030	INU055
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REN54P11	REN162C04	REN169D01	REN169O18	REN247M23		

Additional Comments

A-Panel: At/At-Homozygous for black-and-tan.
E-Panel: e/e-Dog has two copies of the recessive yellow allele and will express the yellow phenotype. Dog does not carry the melanistic mask allele.