

Canine Genetic Testing Report



Submitted By

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Subject Dog 00367115

Date Received: 4/26/2022

Dog Name: **Blackwater's Simo Haya at GIFAJ 'Simo'**
Breed: **Staffordshire Bull Terrier**
Phenotype: **White Brindle Pied**

Registration: **RN37489201**
Microchip:
Sex: **Male**

Birth: **01/17/2022**

Sire

Sire Name: **Karma's Shanghai Bobby**
Breed: **Staffordshire Bull Terrier**
Registration: **RN26060004**
Phenotype: **Brindle & White**

Dam

Dam Name: **GIFAJ's White Sparrow**
Breed: **Staffordshire Bull Terrier**
Registration: **RN32808802**
Phenotype: **White & Black Pied**

Coat Color Testing

<input checked="" type="checkbox"/>	A Locus-Ay	AY/AY	Dog has two copies of the gene responsible for fawn/sable coat color.
<input checked="" type="checkbox"/>	A Locus-Aw	n/n	Negative for wild-sable.
<input checked="" type="checkbox"/>	A Locus-At	n/n	Dog does not carry the tan points/tricolor gene.
<input checked="" type="checkbox"/>	A Locus-a	n/n	Dog does not carry the gene responsible for recessive black coat color.
<input checked="" type="checkbox"/>	B Locus	B/B	Dog does not carry the brown allele, and can never pass on the gene for brown to future offspring
	Cocoa		<i>Not Tested</i>
<input checked="" type="checkbox"/>	D Locus	D/D	Dog is negative for the dilution gene.
<input checked="" type="checkbox"/>	E Locus- EM	EM/EM	Dog has two copies of allele for melanistic mask.
<input checked="" type="checkbox"/>	E Locus- e	E/E	Dog does not carry the gene responsible for yellow coat color. This dog will never pass on the allele for yellow coat color.
<input checked="" type="checkbox"/>	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.
<input checked="" type="checkbox"/>	Spotting	S/S	Dog has two copies of the MITF variant associated with parti-color in some breeds.
	Harlequin		<i>Not Tested</i>
	Merle		<i>Not Tested</i>

Genetic Disorders

	cord1-PRA		<i>Not Tested</i>
<input checked="" type="checkbox"/>	DM	n/n	Clear: Dog is negative for the SOD1A Degenerative Myelopathy mutation.
<input checked="" type="checkbox"/>	L-2-HGA	n/n	Clear: Dog tested negative for the L-2-HGA mutation.
	NCL4A		<i>Not Tested</i>
<input checked="" type="checkbox"/>	JHC	n/n	Clear: Dog tested negative for the HSF-4 Hereditary Cataracts mutation.

Genetic Marker Results

Run Date: *Not Tested*

-	-	-	-	-	-	-
AHT121	AHT137	AHT171	AHT260	AHT211	AHT253	C22-279
-	-	-	-	-	-	-
CAN-AMEL	FH2054	FH2848	INRA21	INU005	INU030	INU055
-	-	-	-	-		
REN54P11	REN162C04	REN169D01	REN169O18	REN247M23		

Additional Comments

A-Panel: **Ay/Ay** - Homozygous for fawn/ sable.
E-Panel: **EM/EM**-Dog has two copies of the melanistic mask allele and does not carry the recessive yellow allele.

Coat Type Testing

<input checked="" type="checkbox"/>	Hair Length	L/L	Short Hair: Dog does not have the long-hair allele.
<input checked="" type="checkbox"/>	Hair Curl	n/n	Non-Curly Coat: Dog does not carry the mutation for coat curl.
<input checked="" type="checkbox"/>	Furnishings	n/n	Dog is negative for the Furnishings mutation.
<input checked="" type="checkbox"/>	Shedding	n/n	Negative: Dog is unlikely to be a high shedding dog.