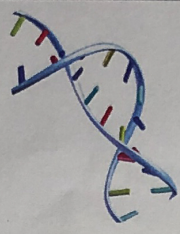


Canine Genetic Testing Report



Submitted By
Harvey Miller
South Prairie Kennel
129 N Country Rd 200 E
Arcola, IL 61910

Subject Dog 00122353 **Date Received:** 6/2/2018

Dog Name: RA's Hot Shot Rusty McGinnis "Rusty"
Breed: Boston Terrier
Phenotype: Black Brindle & White

Registration: NP43735101
Sex: Male
Birth: 06/13/2016

Sire

Sire Name:
Breed:
Registration:
Phenotype:

Dam

Dam Name:
Breed:
Registration:
Phenotype:

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-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 carries a copy of the allele responsible for brown color, and can potentially pass on that allele to future offspring.
<input checked="" type="checkbox"/>	D Locus	D/D	Dog is negative for the dilution gene.
<input checked="" type="checkbox"/>	E Locus- EM	n/EM	Dog has one copy of the 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	N/S	Dog carries one copy of the spotting or parti-color gene, and can pass it on to any offspring.
	Harlequin		Not Tested
	Merle		Not Tested

Genetic Disorders

<input checked="" type="checkbox"/>	DM	n/n	Clear: Dog is negative for the Degenerative Myelopathy mutation.
<input checked="" type="checkbox"/>	HUU	n/n	Clear: Dog tested negative for the Hyperuricosuria.
<input checked="" type="checkbox"/>	JHC	n/n	Clear: Dog tested negative for the HSF-4 Hereditary Cataracts mutation.

Coat Type Testing

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

Genetic Marker Results Run Date: Not Tested

-	-	-	-	-	-	-
AHT121	AHT137	AHT171	AHT260	AHT211	AHT253	C23-279
-	-	-	-	-	-	-
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/E-Dog has one copy of the melanistic mask allele, and does not carry the recessive yellow allele.



AMERICAN KENNEL CLUB®

September 12, 2018

HARVEY MILLER
129 N CR 200 E
ARCOLA IL 61910

Letter of DNA Analysis

Breed: **Boston Terrier**
Sex: **Male**
Date of Birth: **13-JUN-16**
ID #: **9851120068517855**
Date of Analysis: **11-SEP-18**
AKC #: **NP43735101**
AKC Name: **Ra's Hot Shot Rusty Mcginnis**
Owner(s): **Harvey Miller**

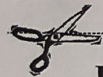
DNA Profile #: **V861674**

The following genotype uniquely represents the Neogen Corporation genetic identity of the dog named herein:
Neogen #: **861674**

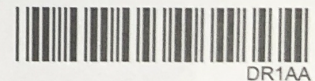
C	D	E	E	C	C	F	F	D	D	C	C	B	C	A	B	B	C	G	T	B	E	C	C	X	Y
PEZ 1		PEZ 3		PEZ 5		PEZ 6		PEZ 8		PEZ 12		PEZ 20		UCB 2010	UCB 2054	UCB 2079		PEZ 16		PEZ 17		PEZ 21		GEN	

Mark Dunn, AVP, Registration Development
American Kennel Club

Stewart Bauck, General Manager GeneSeek
Neogen Corporation



DNA Certificate Order Form



DR1AA

AKC Name: **Ra's Hot Shot Rusty Mcginnis**
AKC #: **NP43735101** DNA Profile #: **V861674**
Owner(s): **Harvey Miller**

Mail order form to

AKC DNA Operations
PO Box 900065
Raleigh NC 27675-9065

Number of DNA certificates _____ @ \$10 each = \$ _____ total amount included

Check or money order MasterCard Visa AmEx

Account Number: _____ Exp. Date: _____

Name on Card: _____

ODNA08