

AMERICAN KENNEL CLUB

NAME  
MORNING GLORY GUNNER

NUMBER  
PR23910701

BREED  
POODLE

SEX  
MALE

COLOR  
BROWN

DATE OF BIRTH  
APRIL 8, 2021

SIRE  
M.P.K. GALAXY'S DIAMOND OF OXARKS ~ PR22677402 04-21 (OFA26G OFEL26 AKC  
DNA #V964055)

DAM  
FIRST CHOICE KALI  
PR21303902 06-20

BREEDER  
FREEMAN TROYER

OWNER



AMERICAN  
KENNEL CLUB®

CERTIFICATE ISSUED  
MAY 17, 2022

*This certificate invalidates all previous certificates issued.  
If a date appears after the name and number of the*

## Canine Genetic Testing Report



Submitted By

**Subject Dog** 00253534

Date Received: 4/16/2021

Dog Name: Kali's 01 Boy  
Breed: Miniature Poodle  
Phenotype: Chocolate Tri

*Gunner*

Registration:  
Microchip:  
Sex: Male

Birth: 04/08/2021

**Sire**  
Sire Name: Diamond  
Breed: Miniature Poodle  
Registration:  
Phenotype: Merle Tri

**Dam**  
Dam Name: Kali  
Breed: Miniature Poodle  
Registration:  
Phenotype: Tri

### Coat Color Testing

X	A Locus-Ay	n/n	Dog does not carry the gene responsible for fawn/sable coat color.
X	A Locus-Aw	n/n	Negative for wild-sable.
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 has two copies of the brown/chocolate gene. All black pigment will be modified to brown/chocolate pigmentation.
	Cocoa		Not Tested
X	D Locus	D/D	Dog is negative for the dilution gene.
X	E Locus-EM	n/n	Dog does not carry allele for melanistic mask.
X	E Locus-e	E/e	Dog carries the allele responsible for the yellow coat color and could pass on either allele to any offspring.
X	K Locus-KB	n/n	Dog does not have the dominant black gene, and the color pattern is determined by the Agouti gene.
X	Spotting	N/S	Dog has one copy of the MITF variant associated with parti-color in some breeds.
	Harlequin		Not Tested
	Merle		Not Tested

### Genetic Disorders

X	CDDY	N/C	Dog has 1 copy of CDDY. Dog is at higher risk for IVDD.
X	CDPA	N/N	Dog is negative for the CDPA mutation.
X	DM	n/n	Clear: Dog is negative for the Degenerative Myelopathy mutation.
X	NEwS	n/n	Clear: Dog tested negative for the NEwS mutation.
X	prod-PRA	n/n	Clear: Analysis indicates dog is negative/clear for the prod-PRA mutation.
X	vWD1	n/n	Clear: Dog tested negative for the von Willebrand's Type I mutation.

### Genetic Marker Results

Run Date: *Not Tested*

-	-	-	-	-	-	-
AHT121	AHT137	AHT171	AHT250	AHT211	AHT253	CD2-278
-	-	-	-	-	-	-
CAN-AMEL	FH2054	FH2048	INRA21	INJ005	INJ030	INJ055
-	-	-	-	-	-	-
REN54P11	REN162C04	REN169D01	REN169C18	REN247M03		

### Additional Comments

A-Panel: At/At - Homozygous for black-and-tan.  
E-Panel: E/e-Dog has one copy of the recessive yellow allele and does not carry the melanistic mask allele.

### Coat Type Testing

X	Hair Length	l/l	Long Hair: Dog has two copies of the long hair allele.
X	Hair Curl	C/C	Curly Coat: Dog has two copies of the coat curl mutation, and will always pass it on to any offspring.
X	Furnishings	F/F	Dog has 2 copies of the Furnishings mutation, and will always produce offspring with Furnishings
X	Shedding	n/n	Negative: Dog is unlikely to be a high shedding dog.