

Dog Information

Louie
NAME

TRAIT TESTS (1/2)

Coat Color		RESULT
E Locus (MC1R)	No dark hairs anywhere	ee
K Locus (CBD103)	Not expressed	K ^B k ^Y
A Locus (ASIP)	Not expressed	a ^t a
D Locus (MLPH)	Not expressed	DD
B Locus (TYRP1)	Likely black colored nose/feet	BB
Saddle Tan (RALY)	Not expressed	NI
M Locus (PMEL)	No merle alleles	mm

Other Coat Traits		RESULT
Furnishings (RSPO2) LINKAGE	Likely furnished (mustache, beard, and/or eyebrows)	FF
Coat Length (FGF5)	Likely long coat	TT
Shedding (MC5R)	Likely light shedding	TT
Coat Texture (KRT71)	Likely curly coat	TT
Hairlessness (FOXI3) LINKAGE	Very unlikely to be hairless	NN
Hairlessness (SGK3)	Very unlikely to be hairless	NN
Oculocutaneous Albinism Type 2 (SLC45A2) LINKAGE	Likely not albino	NN

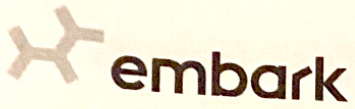
Other Body Features		RESULT
Muzzle Length (BMP3)	Likely medium or long muzzle	CC
Tail Length (T)	Likely normal-length tail	CC

Dog Information

Louie
NAME

TRAIT TESTS (2/2)

	RESULT
Body Size	Smaller II
Body Size (IGF1)	Smaller AA
Body Size (IGFBP1)	Larger TT
Body Size (STC2)	Smaller AA
Body Size (GHR - E191K)	Larger CC
Body Size (GHR - P177L)	
Performance	RESULT
Altitude Adaptation (EPAS1)	Normal altitude tolerance GG
Appetite (POMC) LINKAGE	Normal food motivation NN



DNA Test Report

Dog Information

Louie
NAME
Male
SEX
Poodle (Small)
GENETIC BREED
AKC: PR21944003
REGISTRATION
June 28th, 2019
DATE OF BIRTH
n/a
MICROCHIP

Camille P Lummus
OWNER NAME
Canine Genetic Health Screen
TEST
November 16th, 2019
TEST DATE

BREED HEALTH TESTS

DISEASE	GENE	GENOTYPE	RESULT	
Congenital Macrothrombocytopenia	TUBB1 Exon 1 SNP 745	GG	Clear	
Degenerative Myelopathy, DM	SOD1	GG	Clear	
Neonatal Encephalopathy with Seizures, NEWS	ATF2	TT	Clear	
Osteochondrodysplasia, Skeletal Dwarfism	SLC13A1	NN	Clear	
Progressive Retinal Atrophy, prcd	PRCD Exon 1	GG	Clear	
Von Willebrand Disease Type I	VWF	GG	Clear	
Chondrodystrophy and Intervertebral Disc Disease, CDDY/IVDD, Type I IVDD	FGF4 - chr12	N/N	Clear	
GM2 Gangliosidosis	HEXB (Exon 3)	NN	Clear	

Dog Information

Louie
NAME

INBREEDING AND DIVERSITY

	RESULT
Genetic Diversity	12%
Coefficient Of Inbreeding	No Diversity
MHC Class II - DLA DRB1	Low Diversity
MHC Class II - DLA DQA1 and DQB1	Low Diversity



Certificate of Breed

OWNER'S NAME: Camille P Lummus

DOG'S NAME: Louie

TEST DATE: November 16th, 2019

This certifies the authenticity of **Louie's** canine genetic background as determined following careful analysis of more than 200,000 genetic markers.

Welcome to the Embark family!

POODLE (SMALL)

WOLFINESS **0.6% LOW**

MATERNAL **B81**
HAPLOTYPE

PATERNAL **Ha.7**
HAPLOTYPE

Adam Boyko, Ph.D.
CHIEF SCIENCE OFFICER

Ryan Boyko
CHIEF EXECUTIVE OFFICER

AMERICAN KENNEL CLUB · FOUNDED 1884

Certified Pedigree

Sire
ROSCO RED OF THE WASATCH FRONT
PR19952301 (02-19) RD BLK PTS AKC DNA #V900055

LITTLE KING LOUIE II
PR21944003
POODLE MALE RD
Date Whelped: 06/28/2019
Breeder: CHRISTINE ROGAN

Dam
MIMI FORGETT ME NOT IT'S ALL ABOUT ME
PR18321503 (08-17) RD BLK PTS

VANBRUNTS GENERAL JACKSON OF OK
PR18629201 (06-16) RD AKC DNA #V800072

VANBRUNTS LIL RED ROSE OF OK
PR17882902 (06-16) RD

TEDDY THEODORE RUXBIN
PR11468301 (04-09) RD AKC DNA #V627639

SILVER ACE'S GINGER DELIGHT
PR12255306 (11-10) RD BLK PTS

JLIN'S DEREK OF KY
PR15404801 (09-13) RD AKC DNA #V710805

JLIN'S KAYLEE
PR17129001 (11-15) RD

VANBRUNTS LIL RED RYDER
PR15347802 (05-14) RD AKC DNA #V752088

LUCY BALL RED
PR13496103 (11-13) RD

PEACHTREE'S RAGGEDY MAC
PR07421101 (06-07) RD AKC DNA #V425337

PEACHTREE'S RAGGEDY ROBIN
PR08794702 (06-08) RD

BOY BILLY THE KID
PP65903403 (11-02) RD AKC DNA #V339238

ALI'S KITTY FOREVER
PR02856201 (04-05) RD

KAY'S COACH CAL
PR13233503 (06-11) RD AKC DNA #V675450

DAY'S RED TOSPY TURVEY
PR03375002 (06-05) RD

JLIN'S DEREK OF KY
PR15404801 (09-13) RD AKC DNA #V710805

TAYLWYND'S RED HOT CANDY
PR12562403 (09-11) RD

CARNEY'S TINY RED RICKY
PR13841201 (09-11) RD AKC DNA #V656871

DAY'S SCARLET STAR
PR09855001 (03-09) RD

BIG RED SAMSON
PR09912202 (04-09) RD

CINNAMON RED BLAGER
PR03802301 (03-07) RD

RENNIES TEDDY RUXPIN
PR04172901 (08-05) RD AKC DNA #V388559

RENNIE'S LEASI LADY
PR01943102 (04-06) RD

CH SAN-GAI HOT GOSSIP
PP53006401 (07-99) RD AKC DNA #V124083

SHERFAMES DELUXE RED
PR04083802 (12-06) RD

RUBY'S RED SPICE
PP58342402 (02-02) RD

RIDER'S TAFFY O'RUBY'S
PP41605101 (01-97) APTC

FOREVER REDDY TEDDY
PP50242106 (03-98) RD AKC DNA #V133246

REBA'S MS KITTY
PP64776803 (01-04) RD



AMERICAN KENNEL CLUB

Genia DiNardo
Executive Secretary

The Seal of The American Kennel Club affixed hereto certifies that this pedigree was compiled from official Stud Book records on October 24, 2019.