

## Dog Information

**BBF RAKAE'S HER TRUE NATURE OF  
KAIGAN (TRUDIE)**  
NAME

**Female**  
SEX

**French Bulldog**  
GENETIC BREED

**September 7th, 2019**  
DATE OF BIRTH

**AKC: NP56631404**  
REGISTRATION






**n/a**  
MICROCHIP


**Laurel McComas**  
OWNER NAME

**Canine Genetic Health Screen**  
TEST

**August 27th, 2020**  
TEST DATE

## BREED HEALTH TESTS

DISEASE	GENE	GENOTYPE	RESULT	
Canine Multifocal Retinopathy	BEST1/VMD2 (Exon 2)	CC	Clear	
Degenerative Myelopathy, DM	SOD1	GG	Clear	
Hyperuricosuria and Hyperuricemia or Urolithiasis, HUU	SLC2A9 (Exon 5)	CC	Clear	
Progressive Retinal Atrophy - crd4/cord1	RPGRIP1 (Exon 2)	NN	Clear	
Chondrodystrophy and Intervertebral Disc Disease, CDDY/IVDD, Type I IVDD	FGF4 - chr12	n/a	n/a	

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**INBREEDING AND DIVERSITY**

Genetic Diversity	RESULT
Coefficient Of Inbreeding	20%
MHC Class II - DLA DRB1	High Diversity
MHC Class II - DLA DQA1 and DQB1	High Diversity

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## TRAIT TESTS (1/2)

Coat Color		RESULT
E Locus (MC1R)	No dark hairs anywhere	ee
K Locus (CBD103)	Not expressed	K <sup>B</sup> k <sup>Y</sup>
A Locus (ASIP)	Not expressed	a <sup>Y</sup> a <sup>Y</sup>
D Locus (MLPH)	Not expressed	DD
B Locus (TYRP1)	Likely black colored nose/feet	BB
Saddle Tan (RALY)	Not expressed	NN
M Locus (PMEL)	No merle alleles	mm
H Locus (Harlequin)	No harlequin alleles	hh
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Other Coat Traits		RESULT
Furnishings (RSP02) LINKAGE	Likely unfurnished (no mustache, beard, and/or eyebrows)	II
Coat Length (FGF5)	Likely short or mid-length coat	GG
Shedding (MC5R)	Likely light to moderate shedding	TT
Coat Texture (KRT71)	Likely straight coat	CC
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
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Other Body Features		RESULT
Muzzle Length (BMP3)	Likely short muzzle	AA

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## TRAIT TESTS (2/2)

Body Size		RESULT
Body Size (IGF1)	Smaller	II
Body Size (IGFR1)	Larger	GG
Body Size (STC2)	Larger	TT
Body Size (GHR - E191K)	Intermediate	GA
Body Size (GHR - P177L)	Larger	CC

Performance		RESULT
Altitude Adaptation (EPAS1)	Normal altitude tolerance	GG
Appetite (POMC) LINKAGE	Normal food motivation	NN