

Dog Information

**Moss Meadows Oh, Don't Mind Me
(Lassiter)**
NAME

Male
SEX

Pomeranian
GENETIC BREED

November 25th, 2018
DATE OF BIRTH

AKC: n/a
REGISTRATION





n/a
MICROCHIP

Hebe Alexander
OWNER NAME

Canine Genetic Health Screen
TEST

March 29th, 2019
TEST DATE

BREED HEALTH TESTS

DISEASE	GENE	GENOTYPE	RESULT	
Degenerative Myelopathy	SOD1	GG	Clear	
Hyperuricosuria and Hyperuricemia or Urolithiasis	SLC2A9 (Exon 5)	CC	Clear	
Progressive Retinal Atrophy - rcd3	PDE6A	II	Clear	
Hereditary Vitamin D-Resistant Rickets	VDR (Exon 4)	NN	Clear	
Canine Multifocal Retinopathy	BEST1/VMD2 (Exon 2)	CT	Carrier	

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TRAIT TESTS (1/2)

Coat Color	GENOTYPE
E Locus (Mask, Grizzle, Recessive Red)	Ee
K Locus (Dominant Black)	k ^Y k ^Y
A Locus (Agouti, Sable)	a ^Y a ^t
D Locus (Dilute, Blue, Fawn)	Dd
B Locus (Brown, Chocolate, Liver, Red, Dudley)	BB
Saddle Tan	NI

Other Coat Traits	GENOTYPE
Furnishings / Improper Coat (RSPO2)	II
Long Haircoat (FGF5)	TT
Shedding (MC5R)	CC
Curly Coat (KRT71)	CC
Hairlessness (FOXI3)	N/N
Hairlessness (SGK3)	NN
Oculocutaneous Albinism Type 2 - OCA2, Doberman Z Factor Albinism (SLC45A2)	N/N

Body Size	GENOTYPE
Body Size - IGF1	II
Body Size - IGF1R	AA

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TRAIT TESTS (2/2)

Other Body Features	GENOTYPE
Brachycephaly (BMP3)	AC
Natural Bobtail (T)	CC
Hind Dewclaws (LMBR1)	CC
Blue Eye Color	N/N
Back Muscling & Bulk, Large Breeds Only	CC

Performance	GENOTYPE
Altitude Adaptation (EPAS1)	GG

Genetic Diversity	RESULT
Inbreeding Coefficient	12%
MHC Class II - DLA DRB1	High Diversity
MHC Class II - DLA DQA1 and DQB1	High Diversity