



# MS. HUGHES



DNA Test Report

## TRAITS

### Coat Color

E Locus (Mask, Grizzle, Recessive Red)	<b>E<sup>m</sup>e</b>
K Locus (Dominant Black)	<b>k<sup>Y</sup>k<sup>Y</sup></b>
A Locus (Agouti, Sable)	<b>a<sup>Y</sup>a<sup>t</sup></b>
D Locus (Dilute, Blue, Fawn)	<b>DD</b>
B Locus (Brown, Chocolate, Liver, Red, Dudley)	<b>Bb</b>

### Other Coat Traits

Furnishings / Improper Coat (RSPO2)	<b>FF</b>
Long Haircoat (FGF5)	<b>TT</b>
Shedding (MC5R)	<b>TT</b>
Curly Coat (KRT71)	<b>CC</b>
Hairlessness (FOXI3)	<b>N/N</b>
Oculocutaneous Albinism Type 2 - OCA2, Doberman Z Factor Albinism (SLC45A2)	<b>N/N</b>

### Body Size

Body Size - IGF1	<b>II</b>
Body Size - IGF1R	<b>GG</b>
Body Size - STC2	<b>AA</b>
Body Size - GHR (E195K)	<b>GA</b>
Body Size - GHR (P177L)	<b>CC</b>

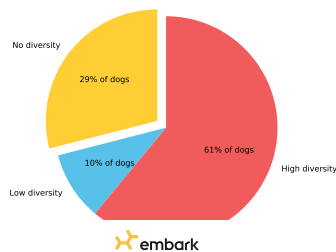
### Other Body Features

Brachycephaly (BMP3)	<b>CC</b>
Natural Bobtail (T)	<b>CC</b>
Hind Dewclaws (LMBR1)	<b>CC</b>
Blue Eye Color	<b>N/N</b>

### Performance

Altitude Adaptation (EPAS1)	<b>GG</b>
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MHC Class II - DLA DRB1  
**No Diversity**



MHC Class II - DLA DQA1 and DQB1  
**No Diversity**

