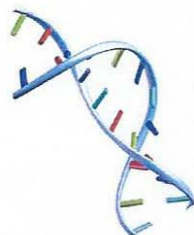


Canine Genetic Testing Report



Submitted By

Kathy Males
Mekkado Kennel
13655 W. Greenview Drive
Wadsworth, IL 60083

Subject Dog

Date Received: 11/7/2015

Dog Name: **Vision's Stack The Deck**
Breed: Australian Shepherd
Phenotype: Black W

Registration: E150285
Sex: Male
Birth: 09/18/2006

Sire

Sire Name: Pincie Creek Cisco Kid
Breed: Australian Shepherd
Registration: E114630
Phenotype: Blue W

Dam

Dam Name: Pincie Creek Aggie's Magic
Breed: Australian Shepherd
Registration: E102402
Phenotype: Red Merle W

Coat Color/Type Testing

| | |
|-------------|------------|
| A Locus-Ay | Not Tested |
| A Locus-At | Not Tested |
| A Locus-a | Not Tested |
| B Locus | Not Tested |
| D Locus | Not Tested |
| E Locus- EM | Not Tested |
| E Locus- e | Not Tested |
| K Locus-KB | Not Tested |
| Spotting | Not Tested |
| Hair Length | Not Tested |
| Hair Curl | Not Tested |
| Furnishings | Not Tested |
| Bobtail | Not Tested |

Genetic Disorders

| | | | |
|----------|-----------|------|--|
| X | Cone Deg. | n/n | Clear: Dog tested negative for the Cone Degeneration mutation. |
| X | CEA | n/n | Clear: Dog tested negative for the Collie Eye Anomaly mutation. |
| X | CMR1 | n/n | Clear: Dog tested negative for Canine Multifocal Retinopathy Type 1. |
| X | DM | n/DM | Carrier: Dog carries one copy of the mutation associated with Degenerative Myelopathy, and could pass on the mutation to any offspring. |
| X | HC | n/n | Clear: Dog tested negative for the HSF-4 Hereditary Cataracts mutation. |
| | HUU | | Not Tested |
| X | MDR1 | n/n | Clear: Only normal unaltered allele detected. Dog should not exhibit any sensitivity to ivermectin or other drugs associated with this disorder. |

Genetic Marker Results

Run Date: Not Tested

| | | | | | | |
|----------|-----------|-----------|-----------|-----------|---------|---------|
| - | - | - | - | - | - | - |
| AHT121 | AHT137 | AHT171 | AHT260 | AHTk211 | AHTk253 | C22-279 |
| - | - | - | - | - | - | - |
| CAN-AMEL | FH2054 | FH2848 | INRA21 | INU005 | INU030 | INU055 |
| - | - | - | - | - | | |
| REN54P11 | REN162C04 | REN169D01 | REN169O18 | REN247M23 | | |

Cone Deg. = Cone Degeneration
CEA = Collie Eye Anomaly
CMR1 = Canine Multifocal Retinopathy Type 1
DM = Degenerative Myelopathy
HC = Hereditary Cataracts
HUU = Hyperuricosuria
MDR1 = Multi-Drug Resistance

Additional Comments

None