

Optimal Selection™

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BR01 483

Blina's Awesome 'Dixie', Australian Shepherd

Registered Name: Blina's Awesome 'Dixie'

Owner: Julie Blina

Nickname: Dixie

Country: United States

Registration ID: ASDM-CA-1700082

Testing date: 2017/2/17

Microchip: 981020017813829

Breed: Australian Shepherd

Gender: Female

Test results - Known disorders in the breed

Disorder	Type	Mode of Inheritance	Result
Canine Multifocal Retinopathy 1, (CMR1); mutation originally found in Mastiff-related breeds	Ocular Disorders	Autosomal Recessive	Clear
Cone Degeneration, (CD) or Achromatopsia; mutation originally found in Alaskan Malamute	Ocular Disorders	Autosomal Recessive	Clear
Degenerative Myelopathy, (DM; SOD1A)	Neurological Disorders	Autosomal Recessive (Incomplete Penetrance)	Clear
Hyperuricosuria, (HUU)	Renal Disorders	Autosomal Recessive	Clear
Primary Hereditary Cataract, (PHC); mutation originally found in Australian Shepherd	Ocular Disorders	Autosomal Dominant (Incomplete Penetrance)	Clear

On behalf of Genoscoper Laboratories,



SIGNATURE

Jonas Donner, PhD, Head of Research and Development
at Genoscoper Laboratories

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BR01 483

Blaine's Awesome 'Dixie', Australian Shepherd

Registered Name: Blaine's Awesome 'Dixie'

Owner: Julie Blaine

Nickname: Dixie

Country: United States

Registration ID: ASDM-CA-1700082

Testing date: 2017/2/17

Microchip: 981020017813829

Breed: Australian Shepherd

Gender: Female

Test results - New potential disorders in the breed

Disorder	Type	Mode of Inheritance	Result
Craniomandibular Osteopathy, (CMO); mutation associated with terrier breeds	Skeletal Disorders	Autosomal Dominant (Incomplete Penetrance)	Clear
Von Willebrand's Disease (vWD) Type 1	Blood Disorders	Autosomal Recessive	Clear

Test results for pharmacogenetics

Disorder	Mode of Inheritance	Result
Multi-Drug Resistance 1, (MDR1)	Autosomal Dominant	Clear

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