DNA HEALTH SUMMARY

Test Date: **3/30/2021**

"cossette"

Registered Name:	**cossette**
Sex:	**Female**
Breed Ancestry:	**50.0% Poodle (Standard) + 50.0% Australian Shepherd**
Owner Supplied Breed:	**Australian Shepherd**
Embark Swab Code:	**31201051506089**
Embark Profile:	**http://embk.me/cossette4**

Your dog's DNA was tested by Embark Veterinary, Inc. for the likelihood of developing clinical signs from 15 health conditions that are currently relevant for their breed(s). Please speak to your veterinarian and breeder about specific risks and care recommendations associated with your dog's results.

We detected **1** variant for the following breed-relevant conditions from which your dog **could develop signs and symptoms**. Note that some variants are found in most or all dogs of a specific breed.

Hereditary Cataracts, Early-Onset Cataracts, Juvenile Cataracts (HSF4 Exon 9, Australian Shepherd Variant)
Identified in Australian Shepherds

Your dog is **not expected to develop signs and symptoms** from the specific variants* for the following breed-relevant conditions:

- Canine Multifocal Retinopathy, cmr1 (BEST1 Exon 2)

- Chondrodystrophy and Intervertebral Disc Disease, CDDY/IVDD, Type I IVDD (FGF4 retrogene - CFA12)

- Collie Eye Anomaly, Choroidal Hypoplasia, CEA (NHEJ1)

- Craniomandibular Osteopathy, CMO (SLC37A2)

- Degenerative Myelopathy, DM (SOD1A)

- GM2 Gangliosidosis (HEXB, Poodle Variant)

- Hyperuricosuria and Hyperuricemia or Urolithiasis, HUU (SLC2A9)

- MDR1 Drug Sensitivity (ABCB1)

- Neonatal Encephalopathy with Seizures, NEWS (ATF2)

- Neuronal Ceroid Lipofuscinosis 6, NCL 6 (CLN6 Exon 7, Australian Shepherd Variant)

- Neuronal Ceroid Lipofuscinosis 8, NCL 8 (CLN8, Australian Shepherd Variant)

- Osteochondrodysplasia, Skeletal Dwarfism (SLC13A1, Poodle Variant)

** The information presented above is intended for non-breeding purposes. Please refer to the full Embark genetic test results for comprehensive health and trait information that is relevant for breeding decisions.*

- **Progressive Retinal Atrophy, prcd (PRCD Exon 1)**

- **Von Willebrand Disease Type I, Type I vWD (VWF)**

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