



Registered Name:	Captain
Date of Birth:	4/9/2021
Sex:	Male
Breed Ancestry:	100.0% Golden Retriever
Owner Supplied Breed:	Golden Retriever
Registration Body/Number:	American Kennel Club (AKC) SS26588505
Embark Swab Code:	31220710708220
Embark Profile:	http://embk.me/captain819

Your dog's DNA was tested by Embark Veterinary, Inc. for the likelihood of developing clinical signs from 11 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** breed-relevant condition for which your dog **could develop signs and symptoms**. Note that some genetic markers are found in most or all dogs of a specific breed.



Ichthyosis, ICH1 (PNPLA1, Golden Retriever Variant)

Your dog has **2 copies** of the variant (one from each parent). Identified in Golden Retrievers.

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

- **Congenital Myasthenic Syndrome, CMS (COLQ, Golden Retriever Variant)**
- **Degenerative Myelopathy, DM (SOD1A)**
- **Dystrophic Epidermolysis Bullosa (COL7A1, Golden Retriever Variant)**
- **Golden Retriever Progressive Retinal Atrophy 1, GR-PRA1 (SLC4A3)**
- **Golden Retriever Progressive Retinal Atrophy 2, GR-PRA2 (TTC8)**
- **Muscular Dystrophy (DMD, Golden Retriever Variant)**
- **Neuronal Ceroid Lipofuscinosis 5, NCL 5 (CLN5 Exon 4 Deletion, Golden Retriever Variant)**
- **Osteogenesis Imperfecta, Brittle Bone Disease (COL1A1, Golden Retriever Variant)**
- **Progressive Retinal Atrophy, prcd (PRCD Exon 1)**
- **Retina Dysplasia and/or Optic Nerve Hypoplasia (SIX6 Exon 1, Golden Retriever Variant)**