

OWNER'S NAME: Joel m. Estes

DOG'S NAME: "Cooper"
Cooper Winterfell

TEST DATE: September 5th, 2022

OWNER SUPPLIED BREED: Golden Retriever

REGISTRATION ORGANIZATION: American Kennel
Club (AKC)

REGISTRATION NUMBER: SS21057002

This certifies the authenticity of **Cooper's** canine genetic background as determined following careful analysis of more than 200,000 genetic markers.

Welcome to the
Embark family!

MATERNAL **B84**
HAPLOTYPE

PATERNAL **H1a.53**
HAPLOTYPE

GOLDEN RETRIEVER



100.0% Golden Retriever

Purebred certification is separate from genetic ancestry. Purebred status is defined by pedigrees at registration bodies. Ancestry looks at segments of shared DNA.



Adam Boyko, Ph.D.
CO-FOUNDER



Ryan Boyko
CO-FOUNDER