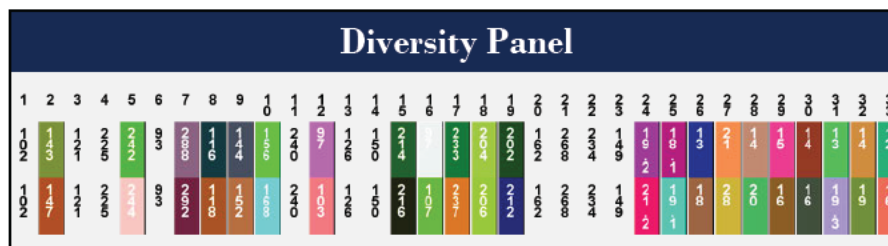
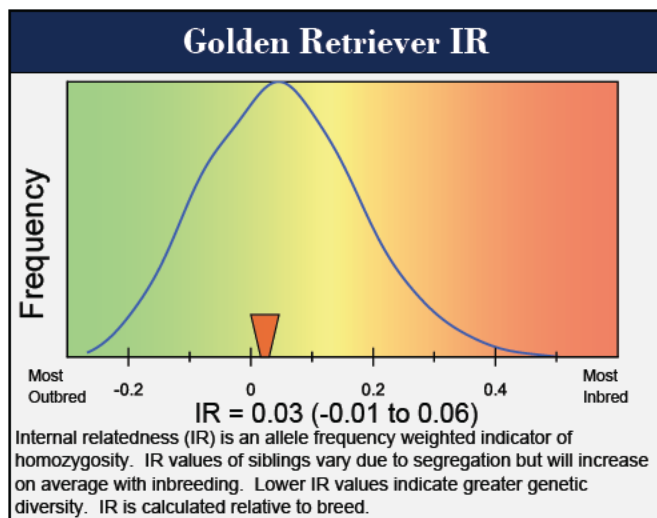


# DOG GENETIC DIVERSITY ANALYSIS

## AUTUMN'S RISING WATERS

**Breed:** Golden Retriever  
**Sex:** Male  
**Color:** Dark Red  
**DOB:** 2019  
**Reg:** AKC SS11483407

**Case:** NCD113637  
**Print Date:** April 9, 2020  
**Report ID:** 3348-6579-8173-0015



**Golden Retriever DLA**

	DLA I	DLA II	
<b>Haplotype 1</b>	1065	2048	Maintaining diversity in the DLA which helps regulate immune responses is beneficial to a breed. Choosing mates differing in their DLA haplotypes helps maintain diversity in litters.
<b>Haplotype 2</b>	1066	2046	



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