

## LABRADOR RETRIEVER GENETIC HEALTH PANEL TEST REPORT

<p><i>Provided Information:</i></p> <p><b>Name:</b> BREEZY'S LIFE'S A BEACH</p> <p><b>Registration:</b> SS27610804</p>	<p><b>Case:</b> NCD210030</p> <p><b>Date Received:</b> 04-Jan-2023</p> <p><b>Report Issue Date:</b> 10-Jan-2023</p> <p><b>Report ID:</b> 1670-4466-3816-8195</p> <p style="text-align: center; font-size: small;">Verify report at <a href="http://www.vgl.ucdavis.edu/verify">www.vgl.ucdavis.edu/verify</a></p>
<p><b>DOB:</b> 05/30/2021 <b>Sex:</b> Female <b>Breed:</b> Labrador Retriever <b>Microchip:</b> 992001001158568 <b>Color:</b> Yellow</p>	
<p><b>Call Name:</b> Covee</p>	
<p><b>Sire:</b> PJ'S KEEP ON TRUCKIN' <b>Dam:</b> DRACHTEN MAXIMUM EFFORT</p> <p><b>Reg:</b> SR93349401 <b>Reg:</b> SS06422303</p> <p><b>Microchip:</b> <b>Microchip:</b></p>	

### RESULT

### INTERPRETATION

Condition	Result	Interpretation
Centronuclear Myopathy (CNM)	N/N	No copies of the CNM mutation detected. Dog is normal.
Congenital Myasthenic Syndrome (CMS)	N/N	No copies of the CMS mutation detected. Dog is normal.
Copper Toxicosis	ATP7A N/7A	One copy each of the ATP7A and ATP7B variants. Hepatic copper levels may be slightly elevated.
	ATP7B N/7B	
Cystinuria Type I-A	N/N	No copies of the cystinuria type I-A mutation detected. Dog is normal.
Exercise Induced Collapse (EIC)	N/EIC	1 copy of the EIC mutation detected. Dog is a carrier and unaffected. If bred to another carrier, 25% of offspring are predicted to be affected.
Degenerative Myelopathy (DM)	N/N	No copies of the DM mutation.
Hereditary Nasal Parakeratosis (HNPk)	N/N	No copies of the HNPk mutation detected. Dog is normal.
Hyperuricosuria	N/N	No copies of the hyperuricosuria mutation detected. Dog is normal.
Narcolepsy	N/N	Normal. Dog does not carry the Labrador narcolepsy associated variant.
Pyruvate Kinase Deficiency (PKDef)	N/N	No copies of the PKDef mutation. Dog is normal.
Stargardt Disease	N/N	Normal. No copies of the Labrador Retriever Stargardt disease variant detected.
Skeletal Dysplasia 2 (SD2)	N/N	No copies of the SD2 mutation detected. Dog is normal.
X-Linked Myotubular Myopathy (XLMTM)	N/N	No copies of the MTM1 mutation detected. Female is normal.
Progressive Rod-Cone Degeneration (PRCD)	N/N	Normal. Dog does not have the variant associated with PRCD.
DILUTE (D LOCUS)	D/D	No known dilution variants present.

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<b>Name:</b> <b>BREEZY'S LIFE'S A BEACH</b>		<b>Date Received:</b> 04-Jan-2023
<b>Registration:</b> <b>SS27610804</b>		<b>Report Issue Date:</b> 10-Jan-2023
		<b>Report ID:</b> 5832-4470-3686-6173
Verify report at <a href="http://www.vgl.ucdavis.edu/verify">www.vgl.ucdavis.edu/verify</a>		
<b>DOB: 05/30/2021 Sex: Female Breed: Labrador Retriever Microchip: 992001001158568 Color: Yellow</b>		
<b>Call Name: Covee</b>		
<b>Sire:</b> PJ'S KEEP ON TRUCKIN'		<b>Dam:</b> DRACHTEN MAXIMUM EFFORT
<b>Reg:</b> SR93349401		<b>Reg:</b> SS06422303
<b>Microchip:</b>		<b>Microchip:</b>

### RESULT

### INTERPRETATION

<b>Degenerative Myelopathy (DM)</b>	<b>N/N</b>
<b>Progressive Retinal Atrophy (PRA2)</b>	<b>N/N</b>
<b>Progressive Rod-Cone Degeneration (PRCD)</b>	<b>N/N</b>

No copies of the DM mutation.

Normal. Dog does not have the variant associated with PRA2 found in Golden Retrievers.

Normal. Dog does not have the variant associated with PRCD.