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Exercise-Induced Collapse, EIC

(DNM1)

This condition affects how nerve cells send signals during intense activity. When signaling is disrupted, dogs may develop weakness or collapse during exercise, though they usually recover with rest.

Your dog's risk

About the condition



⊖ NOTABLE

The Pied Piper of JPL is not at risk for Exercise-Induced Collapse, EIC

What does this mean for her?

This variant should not impact The Pied Piper of JPL's health. This variant is inherited in an autosomal recessive manner, meaning that a dog needs two copies of the

variant to show signs of this condition. The Pied Piper of JPL is unlikely to develop this condition due to this variant because she only has one copy of the variant.

Impact on breeding

Your dog carries this variant and will pass it on to ~50% of her offspring. You can email breeders@embarkvet.com to discuss with a genetic counselor how the genotype results should be applied to a breeding program.



The Pied Piper of JPL inherited one copy of the variant we tested.

What can you do?

If your dog is affected, we recommend the following actions:

- 1** Talk to your vet about your dog's EIC result so you can plan safe activity levels and monitoring.
- 2** Avoid intense or prolonged exercise, especially in hot or humid weather, and stop activity immediately if your dog shows signs of weakness or wobbling.
- 3** Keep your dog cool and hydrated, and focus on short, moderate exercise sessions that don't lead to overexertion.

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With careful management and awareness of your dog's limits, most dogs with EIC can live active, happy lives.



A genetic test is not a diagnosis for disease

Please talk to your vet about The Pied Piper of JPL's genetic results, or if you think that she may have a health condition or disease.



Share results with your veterinarian



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Yes

No

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