

# DOG GENETIC DIVERSITY ANALYSIS

## COSMIC CALIBER'S MOONBLAST

**Breed:** Poodle, Standard

**Sex:** Female

**Color:**

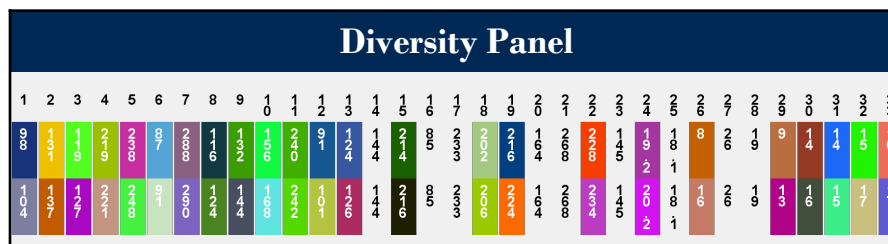
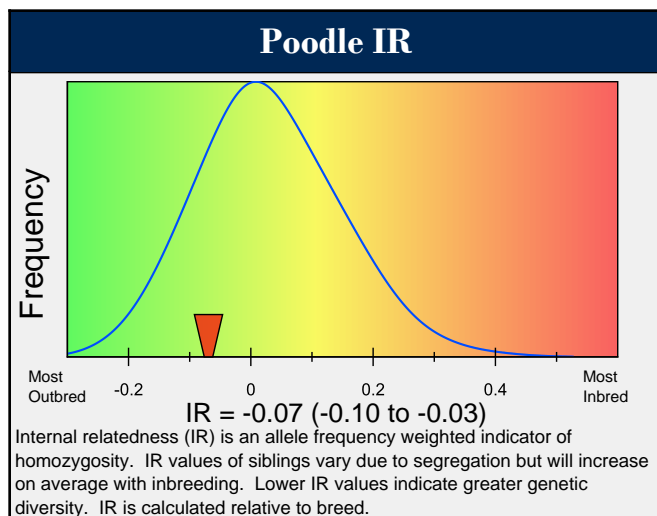
**DOB:** 2024

**Reg:**

**Case:** NCD252403

**Print Date:** April 9, 2025

**Report ID:** 1052-8917-3830-5113



**Poodle DLA**

	DLA I	DLA II	
<b>Haplotype 1</b>	1002	2001	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>	1007	2006	



**Veterinary Genetics Laboratory**  
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 530-752-2211  
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AMANDA BRODERICK  
 99 DREAMWEAVER WAY  
 MOREHEAD, KY 40351

<b>Provided Information:</b>	<b>Case:</b> <b>NCD252403</b>
<b>Name:</b> <b>COSMIC CALIBER'S MOONBLAST</b>	<b>Date Received:</b> 31-Mar-2025
<b>Registration:</b>	<b>Report Issue Date:</b> 09-Apr-2025
	<b>Report ID:</b> 1052-8917-3830-5113
	Verify report at <a href="http://vgl.ucdavis.edu/verify">vgl.ucdavis.edu/verify</a>
<b>DOB: 11/15/2024 Sex: Female Breed: Poodle, Standard</b>	

**INTERNAL RELATEDNESS**

IR = -0.07 (-0.10 to -0.03)

**DLA HAPLOTYPE RESULT**

	<b>DLA I</b>	<b>DLA II</b>
<b>Haplotype 1</b>	1002	2001
<b>Haplotype 2</b>	1007	2006

**DIVERSITY PANEL**

<b>LOCUS</b>	<b>TYPE</b>	<b>LOCUS</b>	<b>TYPE</b>	<b>LOCUS</b>	<b>TYPE</b>
1: <i>AHT121</i>	104/98	2: <i>AHT137</i>	131/137	3: <i>AHTH130</i>	119/127
4: <i>AHTh171-A</i>	219/221	5: <i>AHTh260</i>	238/248	6: <i>AHTk211</i>	87/91
7: <i>AHTk253</i>	288/290	8: <i>C22.279</i>	116/124	9: <i>FH2001</i>	132/144
10: <i>FH2054</i>	156/168	11: <i>FH2848</i>	240/242	12: <i>INRA21</i>	101/91
13: <i>INU005</i>	124/126	14: <i>INU030</i>	144/144	15: <i>INU055</i>	214/216
16: <i>LEI004</i>	85/85	17: <i>REN105L03</i>	233/233	18: <i>REN162C04</i>	202/206
19: <i>REN169D01</i>	216/224	20: <i>REN169O18</i>	164/164	21: <i>REN247M23</i>	268/268
22: <i>REN54P11</i>	228/234	23: <i>REN64E19</i>	145/145	24: <i>VGL0760</i>	19.2/20.2
25: <i>VGL0910</i>	18.1/18.1	26: <i>VGL1063</i>	8/16	27: <i>VGL1165</i>	26/26
28: <i>VGL1828</i>	19/19	29: <i>VGL2009</i>	9/13	30: <i>VGL2409</i>	14/16
31: <i>VGL2918</i>	14/15	32: <i>VGL3008</i>	15/17	33: <i>VGL3235</i>	16/17

<p><i>Client/Owner/Agent Information:</i>          AMANDA BRODERICK          99 DREAMWEAVER WAY          MOREHEAD, KY 40351</p>	<p><b>Case:</b> <b>NCD252403</b>  <i>Date Received:</i> 31-Mar-2025  <i>Report Issue Date:</i> 09-Apr-2025  <i>Report ID:</i> 1052-8917-3830-5113</p> <p style="text-align: right;">Verify report at <a href="http://vgl.ucdavis.edu/verify">vgl.ucdavis.edu/verify</a></p>
<p><i>Name:</i> <b>COSMIC CALIBER'S MOONBLAST</b></p>	

**Additional Information**

If testing for a disease or a disorder was performed and results indicate the animal is affected or at risk, we recommend contacting your veterinarian for further clinical evaluation and for additional information on disease and management.

For more detailed information on Canine Genetic Diversity test results, please visit our website at: [vgl.ucdavis.edu/test/canine-genetic-diversity](http://vgl.ucdavis.edu/test/canine-genetic-diversity)

For terms and conditions of testing, please see [vgl.ucdavis.edu/about/terms-and-conditions](http://vgl.ucdavis.edu/about/terms-and-conditions)

Results are determined using PCR-based methods. The results relate only to the sample tested as identified by the submitter (for example, identity and/or breed).

**Report authorized by Dr. Rebecca Bellone, VGL Director**

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