

## Dog Information

**Churro**  
**NAME**  
**Male**  
**SEX**  
**Poodle (Small)**  
**BREED ANCESTRY**  
**November 14th, 2022**  
**DATE OF BIRTH**  
**American Kennel Club (AKC)**  
**REGISTRATION** n/a  
**MICROCHIP**

**RoChele Frett**  
**OWNER NAME**  
**Canine Genetic Health Screen**  
**TEST**  
**January 7th, 2023**  
**TEST DATE**

## BREED HEALTH TESTS

DISEASE	GENE	GENOTYPE	RESULT	TESTING RECOMMENDED BY
Degenerative Myelopathy, DM	SOD1(A)	GG	Clear	
Neonatal Encephalopathy with Seizures, NEWS	ATF2	TT	Clear	
Osteochondrodysplasia, Skeletal Dwarfism	SLC13A1	NN	Clear	
Progressive Retinal Atrophy, prcd	PRCD Exon 1	GG	Clear	
Von Willebrand Disease Type I, Type I vWD	VWF	GG	Clear	
Chondrodystrophy and Intervertebral Disc Disease, CDDY/IVDD, Type I IVDD	FGF4 - chr12	N/N	Clear	
GM2 Gangliosidosis	HEXB (Exon 3)	NN	Clear	

## Dog Information

  
Churro  
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## INBREEDING AND DIVERSITY

Genetic Diversity

RESULT  
GENETIC  
RESULT

Inbreeding

10%

Immune Response 1

High  
Diversity

Immune Response 2

High  
Diversity

*Honey Red  
Kennels*

## Dog Information



## TRAIT TESTS (1/3)

	RESULT	GENETIC RESULT
Base Coat Color		
Dark or Light Fur <i>E (Extension) Locus</i>	Light colored fur (cream to red)	ee
Dark brown pigment <i>Cocoa</i>	No impact on skin color	NN
Red Pigment Intensity LINKAGE <i>I (Intensity) Loci</i>	Any pigmented fur likely yellow or tan	Intermediate Red Pigmentation
Brown or Black Pigment <i>B (Brown) Locus</i>	Likely black colored nose/feet	BB
Color Dilution <i>D (Dilute) Locus</i>	Dark (non-dilute) skin	Dd
Coat Color Modifiers	RESULT	GENETIC RESULT
Hidden Patterning <i>K (Dominant Black) Locus</i>	No impact on coat color	K <sup>B</sup> K <sup>B</sup>
Body Pattern <i>A (Agouti) Locus</i>	No impact on coat pattern	a <sup>w</sup> a <sup>t</sup>
Facial Fur Pattern <i>E (Extension) Locus</i>	No dark fur anywhere	ee
Saddle Tan	No impact on coat pattern	ll
White Spotting		



## Dog Information

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## TRAIT TESTS (2/3)

Coat Color Modifiers	RESULT	GENETIC RESULT
<b>Merle</b> <i>M (Merle) Locus</i>	No impact on coat color	mm
<b>Harlequin</b>	No impact on coat pattern	hh
Other Coat Traits	RESULT	GENETIC RESULT
<b>Furnishings LINKAGE</b>	Likely furnished (mustache, beard, and/or eyebrows)	FF
<b>Coat Length</b>	Likely long coat	TT
<b>Shedding</b>	Likely light shedding	TT
<b>Coat Texture</b>	Likely curly coat	TT
<b>Hairlessness (Xolo type) LINKAGE</b>	Very unlikely to be hairless	NN
<b>Hairlessness (Terrier type)</b>	Very unlikely to be hairless	NN
<b>Oculocutaneous Albinism Type 2 LINKAGE</b>	Likely not albino	NN
Other Body Features	RESULT	GENETIC RESULT
<b>Muzzle Length</b>	Likely short muzzle	AA
<b>Tail Length</b>	Likely normal-length tail	CC

## Dog Information

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### TRAIT TESTS (3/3)

Other Body Features	RESULT	GENETIC RESULT
Hind Dew Claws	Unlikely to have hind dew claws	CC
Back Muscling & Bulk (Large Breed)	Likely normal muscling	CC
Eye Color LINKAGE	Less likely to have blue eyes	NN
Body Size	RESULT	GENETIC RESULT
Body Size 1	Smaller	II
Body Size 2	Smaller	AA
Body Size 3	Larger	TT
Body Size 4	Smaller	AA
Body Size 5	Larger	CC
Performance	RESULT	GENETIC RESULT
Altitude Adaptation	Normal altitude tolerance	GG
Appetite LINKAGE	Normal food motivation	NN



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## Research Pedigree - 5 Generation Churro Frett

Name: **Churro Frett**  
 AKC #: **PR263509/04**  
 Birth Date: **11/14/2022**  
 Colors/Markings: **Red**  
 Breeder(s): **Barbara Inman**

Breed/Variety: **Poodle**  
 Sex: **Male**

<a href="#">Churro Frett</a> PR263509/04 Red	<a href="#">Walker's Red Prinz Des Hauses</a> PR235938/02 04-22 Red Black Points AKC DNA #V10041205	<a href="#">Vanbrunts General Jackson Of Ok</a> PR186292/01 06-16 Red AKC DNA #V800072	<a href="#">Jlin's Derek Of Ky</a> PR154048/01 09-13 Red AKC DNA #V710805	<a href="#">Jlin's Kaylee</a> PR171290/01 11-15 Red	<a href="#">Kay's Coach Cal</a> PR132335/03 06-11 Red AKC DNA #V675450	<a href="#">Day's Little Red Macintosh</a> PR107631/01 12-08 Red	
					<a href="#">Day's Red Topsy Turvey</a> PR033750/02 06-05 Red	<a href="#">Day's Scarlet Star</a> PR098550/01 03-09 Red	
						<a href="#">Pee-Wee XXVIII</a> PP566201/02 07-01 Red AKC DNA #V296937	
					<a href="#">Jlin's Derek Of Ky</a> PR154048/01 09-13 Red AKC DNA #V710805	<a href="#">Knight's Red Rusette</a> PP645262/01 10-03 Red	
						<a href="#">Taylwynd's Red Hot Candy</a> PR125624/03 09-11 Red	<a href="#">Kay's Coach Cal</a> PR132335/03 06-11 Red AKC DNA #V675450
					<a href="#">Day's Red Topsy Turvey</a> PR033750/02 06-05 Red		<a href="#">Day's Red Topsy Turvey</a> PR033750/02 06-05 Red
						<a href="#">Vanbrunts Abby</a> PR209895/01 04-21 Red	<a href="#">Jlin's Derek Of Ky</a> PR154048/01 09-13 Red AKC DNA #V710805
					<a href="#">Dixieland's Papparazzi Blaze</a> PR096927/02 08-08 Red		
<a href="#">Day's Red Topsy Turvey</a> PR033750/02 06-05 Red	<a href="#">Kay's Coach Cal</a> PR132335/03 06-11 Red AKC DNA #V675450	<a href="#">Day's Little Red Macintosh</a> PR107631/01 12-08 Red					
		<a href="#">Day's Scarlet Star</a> PR098550/01 03-09 Red					
<a href="#">Day's Red Topsy Turvey</a> PR033750/02 06-05 Red	<a href="#">Day's Red Topsy Turvey</a> PR033750/02 06-05 Red	<a href="#">Pee-Wee XXVIII</a> PP566201/02 07-01					
		<a href="#">Pee-Wee XXVIII</a> PP566201/02 07-01					

			PR033750/02 06-05 Red	Red AKC DNA #V296937 <a href="#">Knight's Red Rusette</a> PP645262/01 10-03 Red
			<a href="#">Jlin's Lil Buddy</a> PR172929/01 02-15 Red AKC DNA #V908715	<a href="#">Jlin's Derek Of Ky</a> PR154048/01 09-13 Red AKC DNA #V710805 <a href="#">Jlin's Harper Of Ky</a> PR161787/01 02-14 Red
		<a href="#">Jlin's Ky Patty</a> PR188103/02 10-18 Red	<a href="#">Jlin's Red Dorothy KY</a> PR144841/01 09-13 Red	<a href="#">Jlin's-Red-Peanut-Of-Sunfish Ky</a> PR125383/01 11-10 Red AKC DNA #V617521 <a href="#">Jlin's Dixie Sunfishky</a> PR125465/01 11-10 Red
<a href="#">Barbie's Lovely Lou Lou</a> PR235452/01 09-22 Red			<a href="#">Carrot Top's Busy-Boy Of Dar</a> PR116622/02 12-09 Red AKC DNA #V608418	<a href="#">Jovan Carrot Top</a> PP552874/03 12-06 Red AKC DNA #V582616 <a href="#">Peaches 'N Cream Of Dar</a> PR077547/03 07-07 Cream AKC DNA #V536790
		<a href="#">My Special Someone Of Dar</a> PR134765/01 09-12 Apricot AKC DNA #V747250	<a href="#">Little Miss Chocolate Of Dar</a> PR093612/02 12-09 Brown	<a href="#">Lnc's Chocolate Chip-N-Dale</a> PP622370/02 06-04 Brown <a href="#">Fancy Red Paprika Of Dar</a> PP618386/02 01-02 Red
	<a href="#">Theodore Teddy Jennings</a> PR173450/04 01-16 Red AKC DNA #V856174		<a href="#">Lnc's Chocolate Chip-N-Dale</a> PP622370/02 06-04 Brown	<a href="#">Moca Poca Of Love N Care</a> PP320422/03 11-98 Brown AKC DNA #V91108 <a href="#">C C's Cookie</a> PP525873/04 02-99 Red
		<a href="#">Noir Perles Of Dar</a> PR038012/03 06-06 Black	<a href="#">Fancy Red Paprika Of Dar</a> PP618386/02 01-02 Red	<a href="#">Love N Care's Chilli Pepper</a> PP527514/01 11-99 Red AKC DNA #V91109 <a href="#">Pretty Princess Of Dar</a> PP537326/01 07-00 Apricot
	<a href="#">Maggie Mae Jennings</a> PR180511/05 01-16 Red	<a href="#">Heart Of Dixie Rumpelstiltskins Gold</a> PR168020/02 06-14 Apricot	<a href="#">Paw Paw's Seeing Sunny Daze</a> PR148661/04 07-12 Apricot AKC DNA #V691751	<a href="#">CH Pentastar's Sunset At Dossmar</a> PR081428/01 10-09 Apricot AKC DNA #V624512 <a href="#">Gretch's Red Rendezvous</a> PR099341/01 11-08 Red

			<a href="#">Heart Of Dixie's Sweet Candee</a> PR155792/04 06-13 Apricot	<a href="#">Pentastar's Red Rooster At Denbes</a> PR134101/04 06-11 Red AKC DNA #V694175
				<a href="#">Pentastar's It's A Tequila Sunrise</a> PR119109/03 12-09 Red
			<a href="#">Dees Lucky Penny</a> PR144656/05 12-11 Red	<a href="#">Junes Toby The Man</a> PR089301/01 12-07 Red
				<a href="#">Katrina The Beautiful One</a> PR063915/01 02-08 Red
			<a href="#">Bella Gresham</a> PR100348/02 05-09 Red	<a href="#">Rusty Howard</a> PR068746/03 08-07 Red
				<a href="#">Scarlett Gresham</a> PR054480/03 08-07 Red

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## CERTIFICATE OF RESULTS

OWNERS NAME: ROCHELE FRETT  
PET'S NAME\*\*: CHURRO  
PET'S REGISTRATION #: NOT PROVIDED  
PET'S BREED: TOY POODLE  
TEST: CHONDRODYSPLASIA (CDPA)  
DATE: 6/8/2023

### Test Score Explanation:

(CLEAR/NORMAL): These dogs have two copies of the normal gene and do not possess the mutation that leads to shortened legs.

### TEST SCORE\*:

**A**

SAMPLE ID #:  
432996

For detailed result explanation  
please visit our website:

[www.GenSolDx.com](http://www.GenSolDx.com)

\*All samples submitted to GenSol become the property of GenSol and may be used for internal quality control and/or research purposes. Test results provide information concerning a pet's DNA sequence and are not an indication or guarantee of pet's disease state or condition. Test results alone should not be used to diagnosis, treat or prevent disease.

\*\*GenSol warrants its test results to be accurate for the sample obtained from the above dog. In the event of a valid claim, owner's sole remedy is a refund of the fee paid. IN NO EVENT SHALL GENSOL BE LIABLE FOR INDIRECT, CONSEQUENTIAL OR INCIDENTAL DAMAGES OF ANY KIND. Any claim must be asserted within one year of the report of test results.

**Please consult a licensed veterinarian  
to discuss the implications of the above test results.**

125 North Main Street Unit 1846, Clayton, GA 30525

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[WWW.GENSOLDX.COM](http://WWW.GENSOLDX.COM)



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**OWNERS NAME:** ROCHELE FRETT  
**PET'S NAME\*\*:** CHURRO  
**PET'S REGISTRATION #:** NOT PROVIDED  
**PET'S BREED:** TOY POODLE  
**TEST:** CHONDRODYSTROPHY AND IVDD RISK (CDDY-IVDD)  
**DATE:** 6/8/2023

### Test Score Explanation:

(CLEAR/NORMAL): These dogs have two copies of the normal gene and do not possess the mutation that leads to shortened legs and increased risk for intervertebral disc disease.

### TEST SCORE\*:

**A**

**SAMPLE ID #:**

**432997**

For detailed result explanation  
please visit our website:

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