THE INTERNATIONAL CAT ASSOCIATION

CERTIFIED PEDIGREE

Name of Cat: Mandysbengals Cherie
Printed: 2/23/2023
Date of Birth: 03/26/2022
Breed: Bengal (BG)
TICA Number: SBT 032622 128
Color: Seal Mink
Eye Color: Aqua
Gender: Female

PARENTS | **GRANDPARENTS** | **GREAT GRANDPARENTS**

SIRE: **Akeerabengal Leo Of Mandysbengals**
SBT 082917 083/BG/Seal Mink Spotted Tabby

- S **Bengallys Metatron Of Akeerabengal**
  SBT 042416 009/BG/Seal Sepia Spotted Tabby
  - S **CH Pocketleopards Chronos**
    SBT 012614 006/BG/Seal Mink Spotted Tabby
  - D **Bencan Ismene Of Bengallys**
    SBT 021813 034/BG/Seal Mink Spotted Tabby
- D **Sunshine Kisses Of Akeerabengal**
  SBT 052315 007/BG/Brown (Black) Spotted Tabby
  - S **Akeerabengal Arctic Thunder**
    SBT 091812 017/BG/Seal Spotted Lynx (Tabby) Point
  - D **Amantra For Peace Of Sunshine**
    SBT 071912 085/BG/Brown (Black) Spotted Tabby

DAM: **Eyeofthetiger Zara Of Mandysbengals**
SBT 072419 014/BG/Brown (Black) Spotted Tabby

- S **Julzjungle Simba**
  SBT 111117 009/BG/Brown (Black) Spotted Tabby
  - S **Bengallys Metatron Of Akeerabengal**
    SBT 042416 009/BG/Seal Sepia Spotted Tabby
  - D **Akeerabengal Katy Of Julzjungle**
    SBT 070716 023/BG/Brown (Black) Spotted Tabby
- D **Bengallys Antigone Of Eyeofthetiger**
  SBT 072815 016/BG/Brown (Black) Spotted Tabby
  - S **RW SGC Bengallys Achille**
    SBT 100514 001/BG/Brown (Black) Spotted Tabby
  - D **Geisha1 Of Bengallys**
    SBT 061012 059/BG/Brown (Black) Spotted Tabby

Breeder: Kris Simpson / Amanda Simpson

Owner: Kris Simpson

Frances Cardona
Executive Secretary

WISDOM PANEL™

DNA Test Report

Owner Info

First Name
Kris

Last Name
Simpson

Pet Info

Registered Name
Cherie

Date of Birth
3/26/2022

Nickname (Call Name)
Cherie

Sample ID
FWCPDNQ

Sex
Female

Registration
N/A

Country of Origin
CA

Microchip ID
N/A

Owner Reported Breed
Bengal

Tattoo ID
N/A

Genetic Diversity (Heterozygosity)

Cherie's Percentage of Heterozygosity

33%

Cherie's genome analysis shows an average level of genetic heterozygosity when compared with other Bengals.

Typical Range for Bengals

31 - 36%

DNA Test Report

Health Conditions Known in This Breed

Genetic Condition	Gene	Risk Variant	Copies	Result
Progressive Retinal Atrophy (Discovered in the Abyssinian)	CEP290	T>G	0	Clear
Progressive Retinal Atrophy (Discovered in the Bengal)	KIF3B	G>A	0	Clear
Pyruvate Kinase Deficiency	PKLR	G>A	0	Clear

Other Conditions Tested

Genetic Condition	Gene	Risk Variant	Copies	Result
Acute Intermittent Porphyria (Variant 1)	HMBS	Deletion	0	Clear
Acute Intermittent Porphyria (Variant 2)	HMBS	G>A	0	Clear
Acute Intermittent Porphyria (Variant 3)	HMBS	Insertion	0	Clear
Acute Intermittent Porphyria (Variant 4)	HMBS	Deletion	0	Clear
Acute Intermittent Porphyria (Variant 5)	HMBS	G>A	0	Clear
Autoimmune Lymphoproliferative Syndrome	FASL	Insertion	0	Clear
Burmese Head Defect (Discovered in the Burmese)	ALX1	Deletion	0	Clear
Chediak-Higashi Syndrome (Discovered in the Persian)	LYST	Insertion	0	Clear
Congenital Adrenal Hyperplasia	CYP11B1	G>A	0	Clear
Congenital Erythropoietic Porphyria	UROS	G>A	0	Clear
Congenital Myasthenic Syndrome (Discovered in the Devon Rex and Sphynx)	COLQ	G>A	0	Clear
Cystinuria Type 1A	SCL3A1	C>T	0	Clear
Cystinuria Type B (Variant 1)	SCL7A9	C>T	0	Clear
Cystinuria Type B (Variant 2)	SCL7A9	G>A	0	Clear
Cystinuria Type B (Variant 3)	SCL7A9	T>A	0	Clear
Dihydropyrimidinase Deficiency	DPYS	G>A	0	Clear
Earfold and Osteochondrodysplasia (Discovered in the Scottish Fold)	TRPV4	G>T	0	Clear

Other Conditions Tested (continued)

Genetic Condition	Gene	Risk Variant	Copies	Result
Factor XII Deficiency (Variant 1)	F12	Deletion	0	Clear
Factor XII Deficiency (Variant 2)	F12	Deletion	0	Clear
Familial Episodic Hypokalemic Polymyopathy (Discovered in the Burmese)	WNK4	C>T	0	Clear
Glutaric Aciduria Type II	ETFDH	T>G	0	Clear
Glycogen Storage Disease (Discovered in the Norwegian Forest Cat)	GBE1	Insertion	0	Clear
GM1 Gangliosidosis	GLB1	G>C	0	Clear
GM2 Gangliosidosis	GM2A	Deletion	0	Clear
GM2 Gangliosidosis Type II (Discovered in Domestic Shorthair cats)	HEXB	Insertion	0	Clear
GM2 Gangliosidosis Type II (Discovered in Japanese domestic cats)	HEXB	C>T	0	Clear
GM2 Gangliosidosis Type II (Discovered in the Burmese)	HEXB	0>0	0	Clear
Hemophilia B (Variant 1)	F9	C>T	0	Clear
Hemophilia B (Variant 2)	F9	G>A	0	Clear
Hyperoxaluria Type II	GRHPR	G>A	0	Clear
Hypertrophic Cardiomyopathy (Discovered in the Maine Coon)	MYBPC	G>C	0	Clear
Hypertrophic Cardiomyopathy (Discovered in the Ragdoll)	MYBPC	C>T	0	Clear
Hypotrichosis (Discovered in the Birman)	FOXN1	Deletion	0	Clear
Lipoprotein Lipase Deficiency	LPL	G>A	0	Clear
MDR1 Medication Sensitivity	ABCB1	Deletion	0	Clear
Mucopolysaccharidosis Type I	IDUA	Deletion	0	Clear
Mucopolysaccharidosis Type VI	ARSB	T>C	0	Clear
Mucopolysaccharidosis Type VI Modifier	ARSB	G>A	0	Clear
Mucopolysaccharidosis Type VII (Variant 1)	GUSB	G>A	0	Clear

Other Conditions Tested (continued)

Genetic Condition	Gene	Risk Variant	Copies	Result
Mucopolysaccharidosis Type VII (Variant 2)	USB	C>T	0	Clear
Myotonia Congenita	CLCN1	G>T	0	Clear
Polycystic Kidney Disease (PKD)	PKD1	C>A	0	Clear
Progressive Retinal Atrophy (Discovered in the Persian)	AIPL1	C>T	0	Clear
Sphingomyelinosis (Variant 1)	NPC1	G>C	0	Clear
Sphingomyelinosis (Variant 2)	NPC2	G>A	0	Clear
Spinal Muscular Atrophy (Discovered in the Maine Coon)	LIX1	Deletion	0	Clear
Vitamin D-Dependent Rickets	CYP27B1	G>T	0	Clear

DNA Test Report

Blood Type

Blood Type

A

(Most common)

Genotype

A/c

(Carrier for Blood Type AB)

Transfusion Risk

Moderate

Cherie has the most common blood type. She can be transfused with Type A blood.

Breeding Risk

Low

If breeding, Cherie has a low risk of blood type incompatibility with nursing kittens.

Variant Tested	Description	Copies
b variant 1	(Common b variant)	0
b variant 2	(Discovered in Turkish breeds)	0
b variant 3	(Discovered in Ragdolls)	0
c variant - Causes AB Blood Type	(Discovered in Ragdolls)	**1**

Coat Color

Genetic Trait	Gene	Variant	Copies	Result
Charcoal (Discovered in the Bengal)	ASIP	A^{Pb}	0	No effect
Solid Color	ASIP	a	0	Banded hairs, tabby patterns likely
Gloving (Discovered in the Birman)	KIT	w^{g}	0	No effect
Partial and Full White	KIT	W or w^{s}	0	No effect
Amber (Discovered in the Norwegian Forest Cat)	MC1R	e	0	No effect
Russet (Discovered in the Burmese)	MC1R	e^{r}	0	No effect
Dilution	MLPH	d	0	No effect
Albinism (Discovered in Oriental breeds)	TYR	c^{a}	0	No effect
Colorpoint (Discovered in the Burmese)	TYR	**c^{b}**	**1**	**Colorpoints possible**
Colorpoint (Discovered in the Siamese)	TYR	**c^{s}**	**1**	**Colorpoints possible**
Mocha (Discovered in the Burmese)	TYR	c^{m}	0	No effect
Chocolate	TYRP	b	0	No effect
Cinnamon	TYRP	b^{l}	0	No effect

Coat Type

Genetic Trait	Gene	Variant	Copies	Result
Long Hair (Discovered in many breeds)	FGF5	M4	0	No effect
Long Hair (Discovered in the Norwegian Forest Cat)	FGF5	M2	0	No effect
Long Hair (Discovered in the Ragdoll and Maine Coon)	FGF5	M3	0	No effect
Long Hair (Discovered in the Ragdoll)	FGF5	M1	0	No effect
Lykoi Coat (Variant 1)	HR	hr^{Ca}	0	No effect
Lykoi Coat (Variant 2)	HR	hr^{VA}	0	No effect

Coat Type (continued)

Genetic Trait	Gene	Variant	Copies	Result
Hairlessness (Discovered in the Sphynx)	KRT71	re^{hr}	0	No effect
Rexing (Discovered in the Devon Rex)	KRT71	re^{dr}	0	No effect
Rexing (Discovered in the Cornish Rex and German Rex)	LPAR6	r	0	No effect
Glitter	Pending	**gl**	**1**	**No effect**

Tail Length

Genetic Trait	Gene	Variant	Copies	Result
Short Tail (Variant 3)	HES7	jb	0	No effect
Short Tail (Variant 1)	T	C1199del	0	No effect
Short Tail (Variant 2)	T	T988del	0	No effect

Extra Toes

Genetic Trait	Gene	Variant	Copies	Result
Polydactyly (Variant 1)	LIMBR1	HW	0	No effect
Polydactyly (Variant 2)	LIMBR1	UK1	0	No effect
Polydactyly (Variant 3)	LIMBR1	UK2	0	No effect

HealthGene
Molecular Diagnostic and Research Center
Phone: 1-877-371-1551; Web: www.healthgene.com

Submission Date: 2024-02-14
Report Date: 2024-02-15

LABORATORY REPORT #655390

Account:	3391	E-mail:	marketlaneanimalhospital@gmail.com
Company:	Market Lane Animal Hospital	Phone:	9058566770
Name:		Fax:	9058566493

1

Animal ID:	Cherie	**Species:**	Feline
Owner:	Simpson	**Sex:**	Female
Breed:	Bengal	**Age:**	23m

FP26 - Feline Pro-Active Screening (FIV/FeLV) (DNA)

Sample	Description	Result	Flag	Ranges	Units
Blood	D335 - Feline Immunodeficiency virus (DNA)	Negative			
	D341 - Feline Leukemia virus (DNA)	Negative			

HealthGene
Molecular Diagnostic and Research Center
Phone: 1-877-371-1551; Web: www.healthgene.com

Submission Date: 2022-11-01
Report Date: 2022-11-02

LABORATORY REPORT #605938

Account:	3391	E-mail:	marketlaneanimalhospital@gmail.com
Company:	Market Lane Animal Hospital	Phone:	9058566770
Name:		Fax:	9058566493

1

Animal ID:	Cherie	**Species:**	Feline
Owner:	Simpson	**Sex:**	Female
Breed:	Bengal	**Age:**	7m

OP - Ova & Parasites

Parasitology

Description	Result	Description	Result
Coccidia	None seen	Trichomonas	None seen
Oocysts	None seen	Eggs	None seen
Giardia	None seen	Worms	None seen
Cysts	None seen		

Notes:
If Ova and Parasite tests are negative and the animal still has diarrhea, we recommend doing the Canine Infectious Diarrhea Profile (DNA profile, code:CP18) or Feline Infectious Diarrhea Profile (DNA profile, code:FP16)

HealthGene
Molecular Diagnostic and Research Center
Phone: 1-877-371-1551; Web: www.healthgene.com

Submission Date: 2022-07-06
Report Date: 2022-07-07

LABORATORY REPORT #593946

Account:	3391	E-mail:	marketlaneanimalhospital@gmail.com
Company:	Market Lane Animal Hospital	Phone:	9058566770
Name:		Fax:	9058566493

1

Animal ID:	Cherie	**Species:**	Feline
Owner:	Simpson	**Sex:**	Female
Breed:	Bengal	**Age:**	14w

OP - Ova & Parasites

Parasitology

Description	Result	Description	Result
Coccidia	None seen	Trichomonas	None seen
Oocysts	None seen	Eggs	None seen
Giardia	None seen	Worms	None seen
Cysts	None seen		

Notes:
If Ova and Parasite tests are negative and the animal still has diarrhea, we recommend doing the Canine Infectious Diarrhea Profile (DNA profile, code:CP18) or Feline Infectious Diarrhea Profile (DNA profile, code:FP16)