



BENGAL PRA TEST REPORT

HANNA SHYMANCHYK ZAMKOVAJA 2 BARANOVICHI, BREST REGION, 22540 BELARUS	Case: CAT84529 Date: 09-May-2016 Print Date: 14-May-2016 Report ID: 3818-7551-6615-0133 Verify report at www.vgl.ucdavis.edu/myvgl/verify.html
Cat: BENGALVISION MERCURY DOB: 11/22/2014 Sex: Male Breed: Bengal Microchip: 900096000066432 Color: BROWN (BLACK)	Reg: SBT 112214 014
Sire: KENGA DGANGO OF BENGALVISION Dam: SUNSTORM MAXIMA OF BENGALVISION	Reg: SBT 030413 073 Reg: SBT 082413 059

BENGAL PRA RESULT

N/N

Result Codes:

- N/N Normal - no copies of the PRA-b mutation.
- N/PRA Carrier - 1 copy of the PRA-b mutation; vision will be normal.
- PRA/PRA Affected - 2 copies of the PRA-b mutation; cat will develop clinical signs of Bengal

For more detailed information on Bengal PRA results, please go to:
www.vgl.ucdavis.edu/services/cat/BengalPRA.php



Исследовательский
Центр

«FBio» Co. Ltd.
190020, Russia,
Saint Petersburg, Bumazhnaya str., 17
phone: +7 (812)495-96-95
e-mail: fbigenetika@mail.ru
<http://vetlaba.ru>

Feline PK Deficiency test (Pyruvate Kinase Deficiency in Felines)

Hanna Shymanchyk Baranovichi, Belarus			Test number: 20072015-Shi1
Kennel Sparkler Pride	DOB 22.11.2014	Electronic chip 900096000066432	Report date: 21.07.2015
Breed Bengal	Cat Bengalvision Mercury	Sex ♂	

Result

N/N

Result Codes:

N/N – Cat is homozygous for a normal type (i.e. carry two normal copies of the *PKLR* gene).

N/k – Cat is heterozygous for the mutant allele (one copy of the *PKLR* gene carry the mutation).

k/k – Cat is homozygous for the mutant allele (two copies of the *PKLR* gene carry the mutation).

This test detects the IVS50+9T>G mutation associated with pyruvate kinase deficiency in Felines as described by Grahn *et al.*, 2012.

The PKdef disease affects cats with two mutant copies of the *PKLR* gene only. Cats with only one mutant copy of the *PKLR* gene are clinically without any symptoms but are the carriers.

Chief of molecular
biology laboratory
Marina A. Potekhina





BENGAL PRA TEST REPORT

HANNA SHYMANCHYK ZAMKOVAJA 2 BARANOVICHI, BREST REGION, 22540 BELARUS		Case: CAT84528 Date: 09-May-2016 Print Date: 14-May-2016 Report ID: 3839-7684-7686-9019 Verify report at www.vgl.ucdavis.edu/myvgl/verify.html
Cat: DEM-A-MUR DIOR OF SPARKLER PRIDE DOB: 02/22/2015 Sex: Female Breed: Bengal Microchip: 981098104954717 Color: BROWN (BLACK)		Reg: SBT 022215 051
Sire: OLEANDER SAN CALIXTO Dam: PARADISEAPPLE BARBIE		Reg: 891/13 BEN Reg: 0098/13/BEN

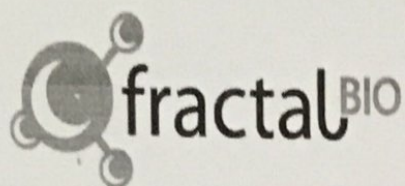
BENGAL PRA RESULT

N/N

Result Codes:

- N/N Normal - no copies of the PRA-b mutation.
- N/PRA Carrier - 1 copy of the PRA-b mutation; vision will be normal.
- PRA/PRA Affected - 2 copies of the PRA-b mutation; cat will develop clinical signs of Bengal

For more detailed information on Bengal PRA results, please go to:
www.vgl.ucdavis.edu/services/cat/BengalPRA.php



Исследовательский
Центр

«FBio» Co. Ltd.
190020, Russia,
Saint Petersburg, Bumazhnaya str., 17
phone: +7 (812)495-96-95
e-mail: fbiogenetika@mail.ru
<http://vetlaba.ru>

Feline PK Deficiency test (Pyruvate Kinase Deficiency in Felines)

Hanna Shymanchyk Baranovichi, Belarus			Test number: 20072015-Shi3
Kennel Sparkler Pride	DOB 22.02.2015	Electronic chip	Report date: 21.07.2015
Breed Bengal	Cat Dem-a-mur Dior	Sex ♀	

Result

N/N

Result Codes:

N/N – Cat is homozygous for a normal type (i.e. carry two normal copies of the *PKLR* gene).

N/k – Cat is heterozygous for the mutant allele (one copy of the *PKLR* gene carry the mutation).

k/k – Cat is homozygous for the mutant allele (two copies of the *PKLR* gene carry the mutation).

This test detects the IVS50+9T>G mutation associated with pyruvate kinase deficiency in Felines as described by Grahn *et al.*, 2012.

The PKdef disease affects cats with two mutant copies of the *PKLR* gene only. Cats with only one mutant copy of the *PKLR* gene are clinically without any symptoms but are the carriers.

Chief of molecular
biology laboratory
Marina A. Potekhina

