



dr. van haeringen **laboratorium b.v.**

a **VHLGenetics** company

YB Bodaar
Belle van Zuylenhove 225
2726DM Zoetermeer
Customer number 99779

Analysis Certificate

Animal data

Name: TALLICA COOKIE DOUGH
Date of birth: 10.07.2017
Sexe: Female
Chip number: 985113000548070
Breed: Unknown

Sample data

VHL_ID: K16855
Test ID-nr: 17760 1
Material: Swab

K758 - Coat Colour Siamese - Date of test: 18.12.2017

Testresult: N/cs

K760 - Coat Colour Dilution - Date of test: 18.12.2017

Testresult: D/d

K755 - Coat Colour Cinnamon - Date of test: 18.12.2017

Testresult: N/b'

K756 - CoatColour Chocolate - Date of test: 18.12.2017

Testresult: N/b

K757 - Coat Colour Agouti - Date of test: 18.12.2017

Testresult: a/a

K759 - Coat Colour Burmese - Date of test: 18.12.2017

Testresult: N/cb

K639 - Coat Colour E locus, extension - Date of test: 15.12.2017

Testresult: E/E

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W.A. van Haeringen, PhD
Executive Director

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(Certificate nr: K13108/Date of issue: 20.12.2017)

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K758 - Coat Colour Siamese

Detailed information about Coat Colours and Coat Variation is available at www.combibreed.com.

Direct link: <http://www.combibreed.com/en-us/customerservice/informationcoatvariation/cat.aspx>

K760 - Coat Colour Dilution

Information about the coat colour dilution factor:

The dilute gene causes clumping and uneven distribution of pigment granules in the hair shaft, producing dilution of all coat colours. Animals with at least one dominant allele (D/D or D/d) have a normal distribution of the pigment in their hair. Animals homozygous for the recessive "diluting-allele" (d/d) have a diluted phenotype. Black pigment is diluted to gray (blue is the term used by cat breeders), chocolate to lilac, cinnamon to fawn and red is diluted to cream.

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K755 - Coat Colour Cinnamon

Information about the cinnamon coat colour:

Result N/N: The cat does not carry cinnamon and can not pass cinnamon onto its offspring. The cat can be black (B/B or B/b) or chocolate (b/b).

Result N/b': The cat carries cinnamon and can pass cinnamon onto its offspring. The cat can be black (B/b') or chocolate (b/b').

Result b'/b': The cat is homozygous for cinnamon and will pass cinnamon onto all its offspring. The cat is cinnamon (b'/b').

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K756 - Coat Colour Chocolate

Information about the Brown/Chocolate coat colour:

Result N/N: The cat does not carry brown and can not pass brown onto its offspring. The cat can be black (B/B or B/b') or cinnamon (b'/b').

Result N/b: The cat carries brown and can pass brown onto its offspring. The cat can be black (B/b) or brown (b/b').

Result b/b: The cat is homozygous for brown and will pass brown onto all its offspring. The cat is brown (b/b).

Detailed information about Coat Colours and Coat Variation is available at www.combibreed.com.

Direct link: <http://www.combibreed.com/en-us/customerservice/informationcoatvariation/cat.aspx>

K757 - Coat Colour Agouti

Information about the agouti coat colour factor:

Result a/a: The cat is no carrier of the mutation responsible for the coat colour agouti.

Result A/a: The cat carrier of the mutation responsible for the coat colour agouti.

Result A/A: The cat is homozygous for the mutation responsible for the coat colour agouti.

Detailed information about Coat Colours and Coat Variation is available at www.combibreed.com.

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K759 - Coat Colour Burmese

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K639 - Coat Colour E locus, extension

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