

CERTIFICATE OF GENETIC ANALYSIS - DOG**Owner / Breeder:**

JUDIT JUSCAFRESA CAMBO

GENETIC TEST: Ridge predisposition

Name:	MANDELA RIDGEBACK STACEY KHAMI
Breed:	Rhodesian Ridgeback
Sex:	Female
Date of Birth:	24.1.2019
Registration number:	LOE 2454780
Chip:	941000023593855
Sample / ID / Lab ID:	blood / Stacey / BB155
Sample received:	22.4.2022

RESULT: *R / R (Ridge / Ridge)***Result interpretation:**

R / R (Ridge / Ridge) - A ridge causing variant (133 kb duplication) was detected in two copies in tested individual. The sire/dam always passes one to their offspring. Ridge is a dominant trait, so their puppies are expected to have ridge in most cases.

R / r (Ridge / ridgeless) - A ridge causing variant (133 kb duplication) was detected in one copy in tested individual. The sire/dam has ridge in most cases but is a ridgelessness carrier. When mated to another R / r individual, statistically 25 % of puppies will be born ridgeless.

r / r (ridgeless / ridgeless) - no ridge causing variant (133 kb duplication) was detected in tested individual and is expected to be phenotypically ridgeless.

Autorised by:

Miroslav Hornak, Ph.D
Head of Laboratory



GenoCan
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Date: 30.4.2022

Primary sample: The animal identity was verified and sample taken by veterinarian or authorised person.

Test accuracy: The genetic test detects the 133 kb duplication involving genes (FGF3, FGF4, FGF19 and ORAOV1) on chromosome 18. The accuracy of the analysis is >97 %.