

CERTIFICATE OF GENETIC ANALYSIS**Owner:**

Klaudyna Megens, Hoogvelden 17, 5685 JM, Best, North Brabant, The Netherlands

GENETIC TEST: Ridge predisposition

| | |
|------------------------------|------------------------------------|
| Name: | MAKIWARA MYSTIC MOON MOKALA |
| Breed: | Rhodesian Ridgeback |
| Sex: | Female |
| Date of Birth: | 18.4.2021 |
| Registration number: | NHSB.BIJL.3274482 |
| Chip: | 616093901663994 |
| Sample / ID / Lab ID: | blood / Nala / BC40 |
| Sample received: | 31.1.2023 |

RESULT: *R / r (Ridge / ridgeless)***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.

Authorised by:

Miroslav Hornak, Ph.D
Head of Laboratory



GenoCan
genetic laboratory
Brno, Czech Republic

Date: 8.2.2023

Primary sample: The animal identity was verified and sample taken by veterinarian (dierenkliniek „den heuvel“).

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 %.