EVG
MOLEKULARNA DIAGNOSTIKA

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**REFERENCE NO.:** 2013 - 01321
**OWNER:**
JOANNE KIRISITS
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AT-5722 NIEDERNSILL
AUSTRIA

**NAME/LABEL:** River Rose
SABLE BITCH R4
**SPECIES:** DOG
**BREED:** COLLIE ROUGH
**SEX:** FEMALE
**MICROCHIP NO.:** 276093400498835
**TATOO NO.:** NOT PROVIDED
**PEDIGREE NO.:** NOT PROVIDED

# GENETIC REPORT

**SAMPLE:** BUCCAL SWAB

**SAMPLE TAKEN BY:** OWNER

**REQUESTED TEST:** COLLIE EYE ANOMALY (CEA)

**RESULT:** CLEAR (WT/WT)

**COMMENT :**

Regarding to the presence of tested mutation animals are classified in three groups:

- Affected (mut/mut) - both alleles carry mutations, disease is clinically manifested
- Carrier (mut/wt) - one of two alleles carries a mutation, disease is not clinically manifested
- Clear (wt/wt) - mutation is not present, normal genotype

For each group different breeding strategies should be followed. Breeding of affected and carrier animals should be avoided. If particularly valuable animal is classified as affected it should be bred only with clear animal. In such a case all first Generation siblings will be carriers. If a carrier is bred with clear animal, 50% of siblings are expected to be clear. In case two carriers are bred, 25% of siblings are expected to be clear and 50% are expected to be carriers. However, 25% of siblings are expected to be affected, therefore such breeding practice is discouraged. Genetic test should be done for all animals where genotype cannot be inferred from parent genotypes or if certificate of Genetic status is required.

For additional information we are available on our phone during working days between 9 a.m. and 3 p.m. or e-mail.

AUTHORIZED SIGNATURE:

MARIBOR, 17.10.2013

*Results are valid for laboratory analysed samples only. Accuracy of the data about animal identity is the sole responsibility of the customer/owner. Laboratory is not responsible for false results which arise due to inaccurate animal identity data, false sample labels etc. To the extent the law allows, the maximal compensation for potential false result is limited to the invoiced amount. With the test it is not possible to rule out the presence of other genetic changes which might affect the development of the disease. Testing is performed according to the latest scientific knowledge.*