



VEMODIA

Certificate of DNA analysis of an animal in professional breeding programs

Owner / Breeder:

Name and surname: Kateřina Komedová
Address: Knovíz 120
274 01 Slaný, CZE
Phone: +420 724 480 916
E-mail: komedova.k@seznam.cz

Animal and Sample:

Species: DOG
Breed: Airedale Terrier
Name of the animal: **Yasper v.Erikson**
Gender: Male
Chip number: 276094180055449
Tattoo number: -
Analyzed material: Peripheral blood

The identity of the animal has been verified at the time of sampling by an independent veterinarian.

Certificate number: AD536

Description of the molecular technology used:

Total DNA has been isolated from the sampled biological material. PCR amplification of all specified molecular targets (see table of this Document) has been followed by direct sequencing using Next Generation Sequencing platform IonTorrent PGM, capillary sequencing platform ABI3500 and bioinformatic analysis.

Animal and Sample:

Species: DOG
Breed: Airedale Terrier
Name of the animal: Yasper v.Erikson
Gender: Male
Chip number: 276094180055449
Tattoo number: -
Analyzed material: Peripheral blood

Precise specification of the analyzed genetic abnormalities, results and their interpretation:

Genetically determined disease	Associated gene	Specification of the mutation	Genetic description of the result
Progressive retinal atrophy, X-linked (XLPRA2)	RPGR	c.1084_1085delGA	Wild type

Interpretation of the genetic description and terminology:

Wild type – neither of the investigated alleles of a gene harbor mutation (both investigated alleles are healthy/normal)

Heterozygous mutation – one of the investigated alleles is healthy/normal, the other harbors mutation

Homozygous mutation – both investigated alleles of a gene harbor the same mutation

The Document contains 2 pages and can only be interpreted in its complete form.

The analysis was carried out by (person responsible):

.....
Tereza Jancuskova, M.A., Ph.D.

Vemodia a.s.
Laboratory for Veterinary Molecular Diagnostics
V Hůrkách 3
Prague 158 00
CZECH REPUBLIC
Phone: +420 230 234 001
E-mail: tereza.jancuskova@vemodia.cz
www.vemodia.cz



VEMODIA

In Prague, 19/07/2017