



VEMODIA

## Certificate of DNA analysis of an animal in professional breeding programs

### Owner / Breeder:

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### 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:

The ID of the animal has been assembled on the basis of 19 polymorphic STR markers. Fragment analysis to yield the data has been carried out on the capillary sequencer ABI3500. The list of STR markers and migration values of the individual alleles are listed in the table of results of this Document.

## Animal and Sample:

Name of the animal: **Yasper v. Erikson**  
Chip number: 276094180055449

## ID determination of the animal using a set of polymorphic STR markers and their zygosity status:

STR marker	Allele 1	Allele 2	Genetic description of the result
AHT121	108	108	Homozygote
AHT137	137	137	Homozygote
AHTh171	219	237	Heterozygote
AHTh260	242	242	Homozygote
AHTk211	87	91	Heterozygote
AHTk253	288	290	Heterozygote
AMEL	180	216	Heterozygote – XY - male
CXX279	122	122	Homozygote
FH2054	168	168	Homozygote
FH2848	238	240	Heterozygote
INRA21	99	101	Heterozygote
INU005	124	124	Homozygote
INU030	146	150	Heterozygote
INU055	210	210	Homozygote
REN162C04	200	200	Homozygote
REN169D01	202	212	Heterozygote
REN169O18	170	170	Homozygote
REN247M23	272	272	Homozygote
REN54P11	222	236	Heterozygote

The sizing of the STR markers AHT121, ATH137, AHTh171, AHTh260, AHTk211, AHTk253, AMEL, CXX279, FH2054, FH2848, INRA21, INU005, INU030, INU055, REN162C04, REN169D01, REN169O18, REN247M23 and REN54P11 complies with the ISAG 2015 reference.

### Interpretation of the genetic terminology:

**Homozygote** – both alleles of the investigated locus harbor identical STR marker

**Heterozygote** – both alleles of the investigated locus differ in size of the respective STR marker

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

The analysis was carried out by (person responsible):

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

### VEMODIA a.s.

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In Prague, 19/04/2017