



Partner Company of FCI



OCT20220327

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DNA Certificate

Accordant International Pigeon Panel by ISAG

Certificate issued on octobre 17, 2022 in Moen, Belgium
Certificate updated mars 29, 2024

The authenticity and updates of this certificate can be verified on "http://www.pigen.be"
This certificate¹ ensures parentage authenticity of pigeon BE21-4153737.

BE21-4153737	father	BE14-2230911 Porsche 911
		Quality Genes ³ : DRD4: CCCC LDHA: AB Certificate: NOV20150010 Proven by DNA
Gender by DNA: Hen Quality Genes ³ : DRD4: CTCC Certificate: OCT20220327 Proven by DNA	mother	BE18-6063796 New Kim
		Certificate: SEP20200339 Proven by DNA
BE19-4184704	grandfather	BE13-3031767 Golden Prince
		Certificate: FEB20150102 Proven by DNA
Quality Genes ³ : DRD4: CTCC Certificate: DEC20190174 Proven by DNA	grandmother	BE14-6072399
		Certificate: SEP20200362 Proven by DNA

Ruben Lanckriet

Pascal Lanneau

¹ This certificate is issued based on tests performed on DNA samples to PiGen by accredited veterinarians and/or FCI officials appointed by the persons that confirmed, on the date of DNA sampling, to be the respective owners of the pigeons with the ringnumbers mentioned in this certificate.

² DNA testing is done according to internationally agreed Pigeon Panel and recommendations by ISAG (International Society of Animal Genetics). The testing labs are certified according NEN-EN-ISO 9001. The probability of exclusion (PE) of this parentage verification is higher than 99,9%.

³ The following DNA markers are scientifically associated with racing performance;
LDHA is a gene for a lactate dehydrogenase enzyme.
DRD4 or dopamine receptor 4 gene is an indicator for character traits.
CRY1 or cryptochrome 1 gene codes for a protein in the retina of the eye.
Calcium/calmodulin-dependent serine protein kinase (CASK) is a gene important for synapse formation in the brain and the nerve-muscle connection.
LDL Receptor related Protein 8 (LRP8) is a gene important for the growth of the hippocampus inside the brain.
The hippocampus is important for recognition of geographic structures and navigational abilities.
Glutathion-diSulfide-Reductase (GSR) is a protein that is associated with magnetoreception abilities.

