



Partner Company of FCI



DEC20190174

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DNA Certificaat

Accordant International Pigeon Panel by ISAG

Certificaat op december 11, 2019 uitgevaardigd in Moen, België
Certificate updated maart 18, 2024

The authenticity and updates of this certificate can be verified on "http://www.pigen.be"
This certificate¹ ensures parentage authenticity of pigeon BE19-4184704.

BE19-4184704	vader	BE14-2230911 Porsche 911	grootvader	BE13-4176517 Wacko Freddy
				Quality Genes ³ : DRD4: CCCC LDHA: AB Certificaat: SEP20150159 Proven by DNA
Quality Genes ³ : DRD4: CTCC Certificaat: DEC20190174 Proven by DNA	moeder	BE18-6063796 New Kim	grootmoeder	BE13-6143659 Lieve
				Quality Genes ³ : DRD4: CCCT LDHA: AB Certificaat: SEP20150162 Proven by DNA
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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.

