



Partner Company of FCI



MAR20210199

Scan this QR code to verify this certificate on "http://www.pigen.be"

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DNA Certificate

Accordant International Pigeon Panel by ISAG

Certificate issued on mars 10, 2021 in Moen, Belgium
Certificate updated août 29, 2023

The authenticity and updates of this certificate can be verified on "http://www.pigen.be"
This certificate¹ ensures parentage authenticity of pigeon BE20-4158684.

BE20-4158684	BE14-2230911 father Porsche 911 Quality Genes ³ : DRD4: CCCC LDHA: AB Certificate: NOV20150010 Proven by DNA	BE13-4176517 grandfather Wacko Freddy Quality Genes ³ : DRD4: CCCC LDHA: AB Certificate: SEP20150159 Proven by DNA
Gender by DNA: Hen Certificate: MAR20210199 Proven by DNA	BE13-6143659 grandmother Lieve Quality Genes ³ : DRD4: CCCT LDHA: AB Certificate: SEP20150162 Proven by DNA	
	mother	grandfather
		grandmother

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.

