



Partner Company of FCI



AUG20220143

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DNA Certificate

Accordant International Pigeon Panel by ISAG

Certificate issued on août 31, 2022 in Moen, Belgium
Certificate updated novembre 08, 2024

The authenticity and updates of this certificate can be verified on "http://www.pigen.be"
This certificate¹ ensures parentage authenticity of pigeon BE18-5025049.

BE18-5025049 Jiro Certificate: AUG20220143 Proven by DNA	BE14-2022156 Koen (Superbreeder) Quality Genes ³ : DRD4: CCCC LDHA: BB CRY1: AGAG Certificate: SEP20170217 Proven by DNA	father	grandfather
			grandmother
	BE15-2304157 Mara Certificate: JAN20200403 Proven by DNA	mother	BE15-2180022 Last son Crow Certificate: JAN20200406 Proven by DNA
			BE12-5030350 Sachi Certificate: SEP20130701 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.

