



Partner Company of FCI



SEP20230138

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DNA Certificate

Accordant International Pigeon Panel by ISAG

Certificate issued on September 15, 2023 in Moen, Belgium

Certificate updated December 06, 2023

The authenticity and updates of this certificate can be verified on "http://www.pigen.be"
This certificate¹ ensures parentage authenticity of pigeon BE23-4164273.

BE23-4164273

Gender by DNA: Hen
Certificate: SEP20230138
Proven by DNA

BE17-4062318

father

Quality Genes³:
LDHA: AB
Certificate: DEC20180039
Proven by DNA

BE13-4176517
Wacko Freddy

grandfather

Quality Genes³:
DRD4: CCCC | LDHA: AB
Certificate: SEP20150159
Proven by DNA

BE13-6143659

grandmother

Lieve
Quality Genes³:
DRD4: CCCT | LDHA: AB
Certificate: SEP20150162
Proven by DNA

BE17-4062397

grandfather

Quality Genes³:
LDHA: AB
Certificate: DEC20180041
Proven by DNA

BE16-4129169

grandmother

Certificate: JAN20180278
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.

