



Partner Company of FCI



DEC20220350

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DNA Certificate

Accordant International Pigeon Panel by ISAG

Certificate issued on December 06, 2022 in Moen, Belgium
Certificate updated December 06, 2022

The authenticity and updates of this certificate can be verified on "http://www.pigen.be"
This certificate¹ ensures parentage authenticity of pigeon BE22-4217011.

BE22-4217011

Gender by DNA: Cock
Certificate: DEC20220350
Proven by DNA

BE11-4310566 father
Father Finn

Quality Genes³:
DRD4: CTCC | LDHA: BB | CRY1: AGTT
Certificate: NOV20160422
Proven by DNA

BE19-4207135 mother

Quality Genes³:
DRD4: CCCT | LDHA: BB | CRY1: AGAG
Certificate: OCT20200100
Proven by DNA

grandfather

BE08-4346940 grandmother

Certificate: MAR20160045
Proven by DNA

BE18-4201204 grandfather

Quality Genes³:
DRD4: CTCC | LDHA: BB | CRY1: AGTT
CASK: AG | GSR: TT | LRP8: HH
Certificate: NOV20190591
Proven by DNA

BE17-4202681 grandmother

Quality Genes³:
DRD4: CCTT | LDHA: BB | CRY1: AGAG
CASK: GG | GSR: TT | LRP8: HH
Certificate: NOV20190749
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.

