



Partner Company of FCI



NOV20240110

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DNA Certificate

Accordant International Pigeon Panel by ISAG

Certificate issued on novembre 12, 2024 in Moen, Belgium

Certificate updated janvier 28, 2026

The authenticity and updates of this certificate can be verified on "http://www.pigen.be"

This certificate¹ ensures parentage authenticity of pigeon BE24-4173250.

BE24-4173250

Gender by DNA: Hen

Quality Genes³:

DRD4: CCCC | LDHA: AB | CRY1: AGTT

CASK: AA | GSR: TT | LRP8: QQ

Certificate: NOV20240110

Proven by DNA

BE19-4207344

father

Gender by DNA: Cock

Quality Genes³:

DRD4: CTCC | LDHA: AB | CRY1: AGAG

CASK: AA | GSR: TT | LRP8: HQ

Certificate: JUN20200124

Proven by DNA

BE21-4201779

mother

Quality Genes³:

DRD4: CCCC | LDHA: AB | CRY1: AGTT

CASK: AA | GSR: TT | LRP8: HQ

Certificate: SEP20230090

Proven by DNA

BE11-4310566

grandfather

Father Finn

Quality Genes³:

DRD4: CTCC | LDHA: BB | CRY1: AGTT

Certificate: NOV20160422

Proven by DNA

BE14-4282328

grandmother

Mother Finn

Quality Genes³:

DRD4: CCCC | LDHA: AA | CRY1: AGAG

Certificate: NOV20160424

Proven by DNA

grandfather

BE20-4037313

grandmother

Quality Genes³:

DRD4: CCCC | LDHA: AB | CRY1: AGAG

CASK: AA | GSR: TT | LRP8: QQ

Certificate: FEB20240220

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.

