Partner Company of FCI

# DNA Certificate

## Accordant International Pigeon Panel by ISAG

Certificate issued on août 10, 2017 in Moen, Belgium
Certificate updated juin 05, 2025

**AUG20170041**

Scannez ce code QR pour vérifier ce certificat sur "http://www.pigen.be"

发送此QR码以在网址 www.pigen.be 上验证此证书

The authenticity and updates of this certificate can be verified on "http://www.pigen.be"
This certificate[1] ensures parentage authenticity of pigeon BE16-4153057.

BE16-4153057
ZOOM

Quality Genes[3]:
DRD4: CTCC | LDHA: AB | CRY1: AGTT
CASK: AG | GSR: CT | LRP8: HQ
Certificate: AUG20170041
Confirmé par ADN

BE11-4234385 father
NIELS

Quality Genes[3]:
DRD4: CTCC | LDHA: AA | CRY1: AGTT
CASK: AG | GSR: CT | LRP8: HH
Certificate: OCT20160061
Confirmé par ADN

BE13-4039095 mother
LADY NEW FREDDY

Quality Genes[3]:
DRD4: CCCC | LDHA: BB | CRY1: AGAG
CASK: GG | GSR: TT | LRP8: HQ
Certificate: AUG20170042
Confirmé par ADN

BE06-4378467 grandfather
PICSOU

Certificate: OCT20160120
Confirmé par ADN

FR05-612303 grandmother
LA FRANCAISE

Certificate: DEC20160212
Confirmé par ADN

BE09-5052387 grandfather
New Freddy

Certificate: JUL20130052
Confirmé par ADN

BE10-5020548 grandmother
Piece of Gold

Certificate: SEP20130324
Confirmé par ADN

Ruben Lanckriet

Pascal Lanneau

Because Quality gives QUALITY www.pigen.be

[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.