Partner Company of FCI

DNA Certificate

Accordant International Pigeon Panel by ISAG

Certificate issued on August 10, 2017 in Moen, Belgium
Certificate updated June 05, 2025

AUG20170041

Scan this QR code to verify this certificate on "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
Proven by DNA

BE11-4234385 father
NIELS

Quality Genes[3]:
DRD4: CTCC | LDHA: AA | CRY1: AGTT
CASK: AG | GSR: CT | LRP8: HH
Certificate: OCT20160061
Proven by DNA

BE13-4039095 mother
LADY NEW FREDDY

Quality Genes[3]:
DRD4: CCCC | LDHA: BB | CRY1: AGAG
CASK: GG | GSR: TT | LRP8: HQ
Certificate: AUG20170042
Proven by DNA

BE06-4378467 grandfather
PICSOU

Certificate: OCT20160120
Proven by DNA

FR05-612303 grandmother
LA FRANCAISE

Certificate: DEC20160212
Proven by DNA

BE09-5052387 grandfather
New Freddy

Certificate: JUL20130052
Proven by DNA

BE10-5020548 grandmother
Piece of Gold

Certificate: SEP20130324
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.