



Partner Company of FCI



NOV20190749

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www.pigen.be 上验证此证书

DNA Certificate

Accordant International Pigeon Panel by ISAG

Certificate issued on novembre 21, 2019 in Moen, Belgium
Certificate updated mars 13, 2024

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

This certificate¹ ensures parentage authenticity of pigeon BE17-4202681.

BE17-4202681

Quality Genes³:

DRD4: CCTT | LDHA: BB | CRY1: AGAG

CASK: GG | GSR: TT | LRP8: HH

Certificate: NOV20190749

Proven by DNA

BE15-4211687

father

Dark Blue

Certificate: DEC20170033

Proven by DNA

BE10-3020303

grandfather

Cools duiver

Certificate: JAN20140320

Proven by DNA

BE11-4286521

grandmother

Certificate: JAN20140379

Proven by DNA

BE06-4100920

grandfather

De Kleine Schonen

Certificate: SEP20130687

Proven by DNA

BE11-4310519

mother

Dochter Droomkoppel

Certificate: JAN20140333

Proven by DNA

BE03-4152445

grandmother

De Van Gaver duivin

Certificate: SEP20130683

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.

