Partner Company of FCI

DNA Certificate

Accordant International Pigeon Panel by ISAG

Certificate issued on September 15, 2023 in Moen, Belgium
Certificate updated December 05, 2023

SEP20230118

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 BE21-4201732.

BE21-4201732

Gender by DNA: Hen
Quality Genes[3]:
DRD4: CCCT | LDHA: BB | CRY1: AGTT
Certificate: SEP20230118
Proven by DNA

BE18-4201204 father

Quality Genes[3]:
DRD4: CTCC | LDHA: BB | CRY1: AGTT
CASK: AG | GSR: TT | LRP8: HH
Certificate: NOV20190591
Proven by DNA

BE17-4202681 mother

Quality Genes[3]:
DRD4: CCTT | LDHA: BB | CRY1: AGAG
CASK: GG | GSR: TT | LRP8: HH
Certificate: NOV20190749
Proven by DNA

grandfather

grandmother

BE15-4211687 grandfather
Dark Blue

Certificate: DEC20170033
Proven by DNA

BE11-4310519 grandmother
Dochter Droomkoppel

Certificate: JAN20140333
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.