Partner Company of FCI

DNA Certificaat

Accordant International Pigeon Panel by ISAG

Certificaat op november 09, 2020 uitgevaardigd in Moen, België
Certificate updated augustus 29, 2023

NOV20200134

Scan deze QR-code om dit certificaat te verifiëren op "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 BE20-4157580.

BE20-4157580
Miss Maria

Gender by DNA: Hen
Quality Genes[3]:
DRD4: CCCC | LDHA: AB
Certificaat: NOV20200134
Bewezen door DNA

BE14-2230911 vader
Porsche 911

Quality Genes[3]:
DRD4: CCCC | LDHA: AB
Certificaat: NOV20150010
Bewezen door DNA

BE16-6023127 moeder

Certificaat: SEP20200338
Bewezen door DNA

BE13-4176517 grootvader
Wacko Freddy

Quality Genes[3]:
DRD4: CCCC | LDHA: AB
Certificaat: SEP20150159
Bewezen door DNA

BE13-6143659 grootmoeder
Lieve

Quality Genes[3]:
DRD4: CCCT | LDHA: AB
Certificaat: SEP20150162
Bewezen door DNA

grootvader

BE14-6072406 grootmoeder

Certificaat: NOV20190569
Bewezen door DNA

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.