Partner Company of FCI

# DNA Certificaat

## Accordant International Pigeon Panel by ISAG

Certificaat op juli 24, 2017 uitgevaardigd in Moen, België
Certificate updated maart 13, 2023

JUL20170090

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 BE15-4013418.

BE15-4013418

Quality Genes[3]:
LDHA: AB
Certificaat: JUL20170090
Bewezen door DNA

BE11-5035555 vader
Tarzan

Quality Genes[3]:
LDHA: AB
Certificaat: FEB20170041
Bewezen door DNA

BE11-5035751 moeder
New Patricia

Quality Genes[3]:
DRD4: CTCC
Certificaat: FEB20170042
Bewezen door DNA

grootvader

grootmoeder

grootvader

grootmoeder

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.