Partner Company of FCI

SEP20150159

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

DNA Certificaat

Accordant International Pigeon Panel by ISAG

Certificaat op september 18, 2015 uitgevaardigd in Moen, België
Certificate updated mei 20, 2022

The authenticity and updates of this certificate can be verified on "http://www.pigen.be"
This certificate[1] ensures parentage authenticity of pigeon BE13-4176517.

BE13-4176517
Wacko Freddy

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

BE11-5170088 vader
Porsche 088

Certificaat: OCT20150035
Bewezen door DNA

BE12-4163422 moeder
Blue Ace Freddy'ke

Quality Genes[3]:
LDHA: AB
Certificaat: JUL20130340
Bewezen door DNA

grootvader

grootmoeder

BE09-5052387 grootvader
New Freddy

Certificaat: JUL20130052
Bewezen door DNA

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.