Partner Company of FCI

DNA Certificaat

Accordant International Pigeon Panel by ISAG

Certificaat op februari 18, 2021 uitgevaardigd in Moen, België
Certificate updated april 24, 2024

FEB20210175

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 BE21-4202197.

BE21-4202197
Grizzle Best Kittel

Gender by DNA: Cock
Quality Genes[3]:
DRD4: CTCC | LDHA: BB | CRY1: AGTT
CASK: AA | GSR: TT | LRP8: HQ
Certificaat: FEB20210175
Bewezen door DNA

BE19-4130060 vader
Best Kittel II

Gender by DNA: Cock
Quality Genes[3]:
DRD4: CCCC | LDHA: BB | CRY1: AGTT
CASK: AA | GSR: TT | LRP8: HQ
Certificaat: OCT20201561
Bewezen door DNA

NL20-1085506 moeder
Grizzle Mama

Quality Genes[3]:
DRD4: CTCC | LDHA: BB | CRY1: AGAG
CASK: AA | GSR: TT | LRP8: HH
Certificaat: AUG20210004
Bewezen door DNA

BE15-1029362 grootvader
Best Kittel

Certificaat: FEB20180033
Bewezen door DNA

BE12-6323966 grootmoeder
Mother Best Kittel II

Certificaat: NOV20170163
Bewezen door DNA

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.