Partner Company of FCI

DNA Certificate

Accordant International Pigeon Panel by ISAG

Certificate issued on February 18, 2021 in Moen, Belgium
Certificate updated April 24, 2024

FEB20210175

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 BE21-4202197.

BE21-4202197
Grizzle Best Kittel

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

BE19-4130060 father
Best Kittel II

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

NL20-1085506 mother
Grizzle Mama

Quality Genes[3]:
DRD4: CTCC | LDHA: BB | CRY1: AGAG
CASK: AA | GSR: TT | LRP8: HH
Certificate: AUG20210004
Proven by DNA

BE15-1029362 grandfather
Best Kittel

Certificate: FEB20180033
Proven by DNA

BE12-6323966 grandmother
Mother Best Kittel II

Certificate: NOV20170163
Proven by DNA

grandfather

grandmother

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.