Partner Company of FCI

DEC20220572

Scannez ce code QR pour vérifier ce certificat sur "http://www.pigen.be"

发送此QR码以在网址 www.pigen.be 上验证此证书

DNA Certificate

Accordant International Pigeon Panel by ISAG

Certificate issued on décembre 19, 2022 in Moen, Belgium
Certificate updated octobre 29, 2024

The authenticity and updates of this certificate can be verified on "http://www.pigen.be"
This certificate[1] ensures parentage authenticity of pigeon BE21-1064614.

BE21-1064614
mechant Best Kittel

Gender by DNA: Cock
Quality Genes[3]:
DRD4: CCCC | LDHA: AB | CRY1: TTTT
CASK: AG | GSR: TT | LRP8: HH
Certificate: DEC20220572
Confirmé par ADN

BE17-1019427 father

Certificate: JAN20200085
Confirmé par ADN

BE17-1019406 mother

Certificate: JAN20200086
Confirmé par ADN

grandfather

grandmother

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.