Partner Company of FCI

DNA Certificate

Accordant International Pigeon Panel by ISAG

Certificate issued on November 21, 2019 in Moen, Belgium
Certificate updated November 21, 2019

NOV20190750

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 BE18-4070995.

BE18-4070995

Certificate: NOV20190750
Proven by DNA

BE17-4077403 father
Charlie

Certificate: OCT20180167
Proven by DNA

BE14-2230972 mother
Boxster

Quality Genes[3]:
DRD4: CCCT | LDHA: AA
Certificate: MAY20170099
Proven by DNA

BE13-4176528 grandfather
Wittekop Chipo

Certificate: NOV20180381
Proven by DNA

BE16-4126201 grandmother
Mother Charlie

Quality Genes[3]:
DRD4: CTCC | LDHA: AB
Certificate: NOV20180382
Proven by DNA

BE13-4176517 grandfather
Wacko Freddy

Quality Genes[3]:
DRD4: CCCC | LDHA: AB
Certificate: SEP20150159
Proven by DNA

BE13-6143659 grandmother
Lieve

Quality Genes[3]:
DRD4: CCCT | LDHA: AB
Certificate: SEP20150162
Proven by DNA

Ruben Lanckriet

Pascal Lanneau

Because Quality gives QUALITY www.pigen.be

[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.