Partner Company of FCI

DNA Certificaat

Accordant International Pigeon Panel by ISAG

Certificaat op januari 27, 2017 uitgevaardigd in Moen, België
Certificate updated februari 07, 2017

JAN20170314

Scan deze QR-code om dit certificaat te verifiëren op "http://www.pigen.be"

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The authenticity and updates of this certificate can be verified on "http://www.pigen.be"
This certificate[1] ensures er bestaat en DNA profiel of pigeon BE12-3023108.

BE12-3023108

Quality Genes[3]:
LDHA: AB
Certificaat: JAN20170314
Bewezen door DNA

vader

moeder

grootvader

grootmoeder

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.