Partner Company of FCI

DNA Certificaat

Accordant International Pigeon Panel by ISAG

Certificaat op september 18, 2015 uitgevaardigd in Moen, België
Certificate updated september 18, 2015

SEP20150155

Scan this QR code to verify this certificate on "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 BE11-6119033.

BE11-6119033

Certificaat: SEP20150155
Proven by 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.