



Partner Company of FCI



SEP20200237

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DNA Certificate

Accordant International Pigeon Panel by ISAG

Certificate issued on septembre 10, 2020 in Moen, Belgium

Certificate updated septembre 10, 2020

The authenticity and updates of this certificate can be verified on "http://www.pigen.be"

This certificate¹ ensures parentage authenticity of pigeon BE16-3053741.

BE16-3053741

FIDEEL

Certificate: SEP20200237

Proven by DNA

BE10-3181446

father

DE LATE BARON

Certificate: JAN20190166

Proven by DNA

DV07273-10-409

mother

Fredje

Certificate: NOV20140073

Proven by DNA

BE08-3015149

grandfather

Baron Junior

Certificate: SEP20131118

Proven by DNA

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.

