



Partner Company of FCI



AUG20180061

Scan this QR code to verify this certificate on "http://www.pigen.be"

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www.pigen.be 上验证此证书

DNA Certificate

Accordant International Pigeon Panel by ISAG

Certificate issued on August 15, 2018 in Moen, Belgium

Certificate updated January 21, 2019

The authenticity and updates of this certificate can be verified on "http://www.pigen.be"
This certificate¹ ensures parentage authenticity of pigeon BE15-4014328.

BE15-4014328

Lloyd

Quality Genes³:

DRD4: CCCC | LDHA: AB

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Proven by DNA

BE11-4312910

father

Quality Genes³:

DRD4: CCCT | LDHA: BB

Certificate: AUG20180057

Proven by DNA

BE13-4163877

mother

Eenwitpen Tsunami

Quality Genes³:

DRD4: CCCC | LDHA: AB

Certificate: MAY20170029

Proven by DNA

grandfather

grandmother

BE09-4336490

grandfather

Witslag Pedro

Certificate: SEP20130374

Proven by DNA

BE04-3230937

grandmother

Tsunami

Certificate: AUG20130726

Proven by DNA

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.

