



Partner Company of FCI



DEC20180017

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DNA Certificaat

Accordant International Pigeon Panel by ISAG

Certificaat op december 04, 2018 uitgevaardigd in Moen, België
Certificate updated mei 27, 2019

The authenticity and updates of this certificate can be verified on "http://www.pigen.be"
This certificate¹ ensures parentage authenticity of pigeon BE14-2230999.

BE14-2230999 Certificaat: DEC20180017 Proven by DNA	BE13-5065127 Dali Certificaat: SEP20160172 Proven by DNA	BE11-5035555 Tarzan grootvader Quality Genes ³ : LDHA: AB Certificaat: FEB20170041 Proven by DNA
	BE13-6143700 Magic 700 moeder Certificaat: FEB20170045 Proven by DNA	BE11-5035751 New Patricia grootmoeder Quality Genes ³ : DRD4: CTCC Certificaat: FEB20170042 Proven by DNA
		BE05-6052018 Fluwelen 18 grootvader Certificaat: SEP20130025 Proven by DNA
		BE10-6143162 Miss Magic grootmoeder Certificaat: SEP20130720 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.

