

## **DNA Certificaat**

## **Accordant International Pigeon Panel by ISAG**

Certificaat op september 12, 2019 uitgevaardigd in Moen, België Certificate updated september 12, 2019

The authenticity and updates of this certificate can be verified on "http://www.pigen.be" This certificate<sup>1</sup> ensures er bestaat en DNA profiel of pigeon BE09-3104463.



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

发送此QR码以在网址 www.pigen.be 上验证此证书

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and/or FCI officials appointed by the person	performed on DNA samples to PiGen by accredited veterinarians ons that confirmed, on the date of DNA sampling, to be the resp	
owners of the pigeons with the ringnumber	ers menuoned 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%.

<sup>3</sup> 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 harmonic modulin-dependent serine protein kinase (CASK) is a gene important for synapse formation in the

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