



Partner Company of FCI



OCT20240423

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

## DNA Certificate

### Accordant International Pigeon Panel by ISAG

Certificate issued on October 24, 2024 in Moen, Belgium

Certificate updated October 24, 2024

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

This certificate<sup>1</sup> ensures parentage authenticity of pigeon BE24-4174596.

BE24-4174596

Gender by DNA: Hen  
Certificate: OCT20240423  
**Proven by DNA**

BE19-4130060 father  
Best Kittel II

Gender by DNA: Cock  
Quality Genes<sup>3</sup>:  
DRD4: CCCC | LDHA: BB | CRY1: AGTT  
CASK: AA | GSR: TT | LRP8: HQ  
Certificate: OCT20201561  
**Proven by DNA**

ZA21-SRPVD-1586 mother  
Black Loner

Certificate: JAN20240029  
**Proven by DNA**

BE15-1029362 grandfather  
Best Kittel

Certificate: FEB20180033  
**Proven by DNA**

BE12-6323966 grandmother  
Mother Best Kittel II

Certificate: NOV20170163  
**Proven by DNA**

grandfather

grandmother

Ruben Lanckriet

Pascal Lanneau

<sup>1</sup> 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.

<sup>2</sup> 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 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.



Certificate generated on 21-07-2026

Pigen VOF, Keiberg 31, 8552 Moen, Belgium

Center for the enhancing, counseling and reliability of the genetic quality of racing pigeons