



**DEC20190154**

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## DNA Certificaat

### Accordant International Pigeon Panel by ISAG

Certificaat op december 11, 2019 uitgevaardigd in Moen, België  
Certificate updated december 17, 2020

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 BE19-4184216.

BE19-4184216
Certificaat: DEC20190154 <b>Proven by DNA</b>

BE14-2230911	vader
Porsche 911	
LDHA genotype <sup>3</sup> : AB DRD4 genotype <sup>4</sup> : CCCC Certificaat: NOV20150010 <b>Proven by DNA</b>	

BE14-2230926	moeder
Louise	
Certificaat: OCT20150208 <b>Proven by DNA</b>	

BE13-4176517	grootvader
Wacko Freddy	
LDHA genotype <sup>3</sup> : AB DRD4 genotype <sup>4</sup> : CCCC Certificaat: SEP20150159 <b>Proven by DNA</b>	

BE13-6143659	grootmoeder
Lieve	
LDHA genotype <sup>3</sup> : AB DRD4 genotype <sup>4</sup> : CCCT Certificaat: SEP20150162 <b>Proven by DNA</b>	

BE13-5065127	grootvader
Dali	
Certificaat: SEP20160172 <b>Proven by DNA</b>	

BE13-6143700	grootmoeder
Magic 700	
Certificaat: FEB20170045 <b>Proven by DNA</b>	

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> LDHA or lactate dehydrogenase gene is a scientific validated quality gene for racing performance; the A allele is significant more present in top racing pigeons.

<sup>4</sup> DRD4 or dopamine receptor 4 gene is a scientific validated quality gene for racing performance and an indicator for character traits; the CT variant is significant more present in ace birds.

