

DNA Certificate

Accordant International Pigeon Panel by ISAG

Certificate issued on septembre 16, 2013 in Moen, Belgium Certificate updated septembre 16, 2013

The authenticity and updates of this certificate can be verified on "http://www.pigen.be" This certificate¹ ensures there exists a DNA Profile of pigeon BE03-4152445.

 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 harmonic modulin-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.

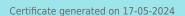
Glutathion-diSulfide-Reductase (GSR) is a protein that is associated with magnetoreception abilities.



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

		grandfather
	Alexander of the second	
	father	
		grandmother
		grandmother
BE03-4152445		
De Van Gaver duivin	A STATE OF THE PARTY OF THE PAR	
Certificate: SEP20130683		
Proven by DNA		grandfather
	mother	
	438	
		grandmother
Ruben Lanckriet	Pascal Lanneau	
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	a mari	Quality given
		Quality 9/Neg
¹ This certificate is issued based on tests	performed on DNA samples to PiGen by accredited veterinarians	MAIN
owners of the pigeons with the ringnumb	ons that confirmed, on the date of DNÁ sampling, to be the respective ers mentioned in this certificate.	



hww piger