

Partner Company of FCI



DNA Certificate

Accordant International Pigeon Panel by ISAG

Certificate issued on juillet 13, 2022 in Moen, Belgium Certificate updated avril 11, 2023

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



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

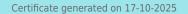
发送此QR码以在网址 www.pigen.be 上验证此证书

This certificate ¹ ensures parentage	authenticity of pigeon BE19-5095918.	
		grandfather
	father	
		grandmother
BE19-5095918 Alaska Certificate: JUL20220078		
Proven by DNA		grandfather
	BE15-2180032 mother Sua Certificate: NOV20190593 Proven by DNA	,
	Trovers y Biva	grandmother
Ruben Lanckriet	Pascal Lanneau	

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 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.





Quality

www.pigen

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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.