

DNA Certificaat

Accordant International Pigeon Panel by ISAG

Certificaat op september 09, 2013 uitgevaardigd in Moen, België Certificate updated september 09, 2013

The authenticity and updates of this certificate can be verified on "http://www.pigen.be" This certificate¹ ensures er bestaat en DNA profiel of pigeon DV07274-09-2003.



SEP20130209

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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certificate is issued based on tests perform	ed on DNA samples to PiGen by	accredited veterinarians	1 8 L A 1	AB



owners of the pigeons with the ringnumbers mentioned in this certificate.

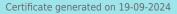
³ The following DNA markers are scientifically associated with racing performance; LDHA is a gene for a lactate dehydrogenase enzyme. DRD4 or dopamine receptor 4 gene is an indicator for character traits. CRY1 or cryptochrome 1 gene codes for a protein in the retina of the eye. Calcium/calmodulin-dependent 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

 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%.

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.



hww piger