



dr. van haeringen laboratorium b.v.

a VHLGenetics company

EV EVELYNE
BELLEVUE DE GIGUET 0
79140 BRETIGNOLLES
FRANCE
Customer number 101606

Analysis Certificate

Animal data

Name: AMHF DON HANJIE STARS
Date of birth: 22.04.2017
Sexe: Female
Reg. nr.: A 228885

Sample data

VHL_ID: P317568
Test ID-nr: 331792 1
Material: Hair

P306 - Dwarfism ACAN D1, D2, D3, D4 - Date of test: 15.10.2018

Testresult: N/N

W.A. van Haeringen, PhD
Executive Director

P306 - Dwarfism ACAN D1, D2, D3, D4

Possible results for this test are:

- NORMAL: N/N
- LETHAL: D1/D1, D1/D2, D1/D3, D1/D4
- DWARF: D2/D2, D2/D3, D2/D4, D3/D4
- CARRIER D1: N/D1
- CARRIER D2: N/D2
- CARRIER D3: N/D3
- CARRIER D4: N/D4
- UNKNOWN: D3/D3, D4/D4 (NB THESE RESULTS ARE NOT FOUND YET IN A SAMPLE)

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(Certificate nr: P131687/Date of issue: 15.10.2018)

page 1 of 1 <end of report>



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SKELETAL ATAVISM REPORT

LETORT CÉLINE
VEAUX
63820 LAQUEUILLE
FRANCE

Case: NQ57514
Date Received: 18-May-2020
Print Date: 20-May-2020
Report ID: 1485-6876-4277-1051
Verify report at www.vgl.ucdavis.edu/myvgl/verify.htm

Name: AMHF DON HANJIE STAR

Reg: A228885

YOB: Sex: **Mare** Breed: **Miniature Horse**

Skeletal Atavism Test Result

N/N



Interpretation of Results

N/N	Normal. No copies of the skeletal atavism mutations detected.
N/Del1	Carrier. 1 copy of a skeletal atavism mutation detected.
N/Del2	Carrier. 1 copy of a skeletal atavism mutation detected.
Del1/Del1	Affected. 2 copies of mutation detected.
Del2/Del2	Affected. 2 copies of mutation detected.
Del1/Del2	Affected. 2 copies of mutation detected.

Skeletal atavism (SA) is a heritable recessive defect of bone development that occurs in Shetland ponies and American Miniature horses. SA limb deformities progressively worsen with age and usually lead to euthanasia within six months.

For more information on Skeletal Atavism test, see
<https://www.vgl.ucdavis.edu/services/horse/SkeletalAtavism.php>
<http://www.capiletgenetics.com/en/skeletal-atavism-test-eng>