

## DNA PROFILE CERTIFICATE

### General Information:

| Test Animal      |                 |
|------------------|-----------------|
| ANIMAL ID/NAME   | WEK170043       |
| MICROCHIP NUMBER | NOT PROVIDED    |
| SPECIES          | CATTLE          |
| GENDER           | Male            |
| OWNER            | KLING BONSMARAS |
| LAB. NO          | ZOBOS20-02386   |

### DNA Profiling Results:

| STR Marker | Allele 1 | Allele 2 |
|------------|----------|----------|
| TGLA227    | 77       | 77       |
| BM2113     | 137      | 139      |
| TGLA053    | 156      | 160      |
| ETH10      | 211      | 221      |
| ILSTS011   | 264      | 266      |
| SPS113     | 147      | 153      |
| RM067      | 92       | 92       |
| TGLA126    | 117      | 125      |
| TGLA122    | 137      | 155      |
| INRA023    | 208      | 214      |

| STR Marker | Allele 1 | Allele 2 |
|------------|----------|----------|
| BM1818     | 260      | 264      |
| ETH003     | 117      | 117      |
| ETH225     | 146      | 150      |
| BM1824     | 178      | 180      |
| SPS115     | 248      | 248      |
| CSRM060    | 98       | 100      |
| MGTG4B     | 137      | 139      |
| CSSM066    | 187      | 189      |
| ILSTS006   | 294      | 294      |

The DNA profile represents the standardised alleles for the 12 International Society for Animal Genetics (ISAG, 2016) recommended markers. These alleles were obtained from STR analysis by capillary electrophoresis. The DNA profile includes additional markers as recommended by the Food and Agriculture Organization of the United Nations (FAO) for routine bovine parentage testing and identification.



Ms Miscna Fraser  
 ZooOmics™ Manager

03 April 2020

Date



Dr Christiaan Labuschagne  
 Genomics Manager

03 April 2020

Date

**\*\*See disclaimer on reverse side**

**\*\*Disclaimer**

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