

# Midwest Embryo Transfer Service

493 Simmon Dr. Suite 4, Osceola, WI 54020 United States

## A. CERTIFICATE OF OOCYTE RECOVERY AND IVM/IVF

|         |                       |               |                   |
|---------|-----------------------|---------------|-------------------|
| Breed   | <b>SH</b>             | Reg No.       | <b>USA58727</b>   |
| Donor   | <b>STR Harmony</b>    | TagNo/Tattoo  |                   |
| Owner   | <b>Windland Flats</b> | No. Recovered | <b>0</b>          |
| Address | <b>Princeton, MN</b>  | Recovery Date | <b>2022 MR 21</b> |

OPU Signature Firm **Midwest Embryo Transfer Service** ET Code **E2038**

|         |                                      |                       |                 |           |                   |                     |                   |
|---------|--------------------------------------|-----------------------|-----------------|-----------|-------------------|---------------------|-------------------|
| Sire    | <b>Gusgurlach of Windrush -6015-</b> | No.                   | <b>CAN34685</b> | IVF Date  | <b>2022 MR 22</b> |                     |                   |
| ID Code | <b>70SH9996</b>                      | Freeze Date/Batch No. |                 | Semen Sex | <b>Female</b>     | Date Out of Culture | <b>2022 MR 29</b> |
|         |                                      |                       |                 |           |                   | No. Unfertilized    | <b>0</b>          |
| Sire    |                                      | No.                   |                 |           |                   | No. Fert/Degen      | <b>3</b>          |
| ID Code |                                      | Freeze Date/Batch No. |                 | Semen Sex |                   | No. Transferred     | <b>0</b>          |
|         |                                      |                       |                 |           |                   | No. Frozen          | <b>10</b>         |

IVM/IVF Signature Firm **Trans Ova Iowa** ET Code **E608**

## C. CERTIFICATE OF FREEZING OF IN VITRO PRODUCED EMBRYOS

Each container should be labeled to show firm code, breed, donor registration no., freeze date and straw no.

|                 |       |        |       |  |
|-----------------|-------|--------|-------|--|
| Container Type: | Straw | 1/4 cc | Other |  |
|-----------------|-------|--------|-------|--|

| Cane No.     | Straw No. | No. / Straw | No. X Wash | Trypsin Treated | Code Stage | Code Quality | Zona Intact | Manipulated N,D,M,F,U | Comments |
|--------------|-----------|-------------|------------|-----------------|------------|--------------|-------------|-----------------------|----------|
| DTX-R315-IVF | 1         | 1           | 10         | NO              | 7          | 1            | Yes         | N                     |          |
| DTX-R315-IVF | 2         | 1           | 10         | NO              | 7          | 1            | Yes         | N                     |          |
| DTX-R315-IVF | 3         | 1           | 10         | NO              | 6          | 1            | Yes         | N                     |          |
| DTX-R315-IVF | 4         | 1           | 10         | NO              | 6          | 1            | Yes         | N                     |          |
| DTX-R316-IVF | 5         | 1           | 10         | NO              | 6          | 2            | Yes         | N                     |          |
| DTX-R316-IVF | 6         | 1           | 10         | NO              | 6          | 2            | Yes         | N                     |          |
| DTX-R316-IVF | 7         | 1           | 10         | NO              | 6          | 2            | Yes         | N                     |          |
| DTX-R316-IVF | 8         | 1           | 10         | NO              | 6          | 2            | Yes         | N                     |          |
| DTX-R316-IVF | 9         | 1           | 10         | NO              | 6          | 2            | Yes         | N                     |          |
| DTX-R316-IVF | 10        | 1           | 10         | NO              | 5          | 2            | Yes         | N                     |          |

Time from recovery to onset of freeze (hrs): **1** Cryoprotectant: **1.5M Ethylene Glycol - Direct Transfer**

Seed Temp: **-6.0° C** Cooling Rate: **-0.5° C** Plunge Temp: **-32° C** Other:

Recommended method of thawing and dilution:

**1) Thaw in air for 10 seconds. 2) Place in 27-30 deg C water bath for 10-15 seconds. 3) Wipe straw dry. Remove plug and load into .25ml transfer gun. 4) Transfer immediately.**

Signature *Ashley Swenson, DVM* Firm **Midwest Embryo Transfer Service** ET Code **2038**

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