

Storage: Tank F / Bucket 1

Donor: C

# PETER ATKINSON VETERINARY SERVICES

PO Box 38,  
Allora QLD 4362.  
(Office) Ph: 07 4666 2043  
(Office) Email: pcatkinson2@bigpond.com

ABN: 43 778 964 863

Phone: 07 4666 2042  
Fax: 07 4666 2044  
**Mob: 0428 721 300**  
Email: pcatkinson@bigpond.com

## CERTIFICATE OF EMBRYO RECOVERY

Breed: Wagyu  
 Owner: Peter McCullagh, Amberoo Wagyu  
 Address: 98 Jennifer Crescent, Toowoomba QLD 4350  
 Donor Name: SMOF P0520 No. / Ear Tag or Tattoo \_\_\_\_\_  
 Service Sire: Mayura Prodigy P0916 ID Code: ADBF P0916  
 Service Sire: \_\_\_\_\_ ID Code: \_\_\_\_\_  
 Recovery Date: 9/02/2021 Total Recovered: 5  
 Response  
 Left: 5 + Cysts No. Cleaved/Degen: \_\_\_\_\_  
 Right: F No. Unfertilized: \_\_\_\_\_  
 No. Transferred: \_\_\_\_\_  
 No. Frozen: 5 (A) Yellow goblet  
Yellow top

## CERTIFICATE OF TRANSFER / FREEZING

Date of Transfer	Straw No.	Embryo No.	Stage	Quality		Incub (hrs)	Culture (hrs)	Transfer Recipient	CL / Side	Tech	Embryo Owner
				1	2						
	<u>1</u>	<u>1</u>	<u>6</u>	<u>✓</u>		<u>3</u>					
	<u>2</u>	<u>2</u>	<u>6</u>	<u>✓</u>		<u>3</u>					
	<u>3</u>	<u>3</u>	<u>6</u>	<u>✓</u>		<u>3</u>					
	<u>4</u>	<u>4</u>	<u>6</u>	<u>✓</u>		<u>3</u>					
	<u>5</u>	<u>5</u>	<u>6</u>		<u>✓</u>	<u>3</u>					
		<u>6</u>									
		<u>7</u>									
		<u>8</u>									
		<u>9</u>									
		<u>10</u>									
		<u>11</u>									
		<u>12</u>									
		<u>13</u>									
		<u>14</u>									
		<u>15</u>									
		<u>16</u>									
		<u>17</u>									
		<u>18</u>									
		<u>19</u>									
		<u>20</u>									

Cryopreservation Method: 10%Glycerol 1.5M Ethylene Glycol (DT) Vitrified

**Recommended Method of Thawing:**

**10% Glycerol:** Air Thaw for 15 seconds, then plunge into 28°C water bath for 15 seconds. 3 step Dilution using ICP bio EMCARE embryos thawing system: [1] 6% v/v Glycerol + 10.3% w/v sucrose, 5 mins. [2] 3% v/v Glycerol + 10.3% w/v sucrose, 5 min. [3] 10.3% w/v sucrose, 5 min. [4] Embryo holding solution, 5 min.

**1.5M Ethylene Glycol:** Remove straw from tank and air thaw for 6 seconds and immediately immerse into 30°C water bath for 15 seconds. Dry straw, twist off cap, load and transfer immediately.

**Vitrified: IVF Biosciences BO-Vitriwarm 4-step warm at 37°C**

Immediately remove cryodevice and expel embryo into Warm [1] 3 mins Warm [2] 2 mins Warm [3] 2 mins Warm [4] 1 minute. Rinse warmed embryo/s in BO-IVC prior to continued culture or BO-Transfer prior to loading for transfer.

Signature: \_\_\_\_\_ Peter C. Atkinson BVSc

**VETERINARY EMBRYO TRANSFER SERVICES (V.E.T.S.)**

AD210329.2

**A. CERTIFICATE OF EMBRYO RECOVERY/THAW**  
 OWNER/LEESEE A. DUPEN - LINDAN WAGYU DATE 29/3/21  
 HEAT DATE 22/3/21

DONOR NAME **WGWFD8218**  
 BREED WAGYU RESPONSE TO FSH GOOD  
 FSH TOTAL DOSE 10 ML

SIRE NAME **WE-PACK**  
~~GATEWAY~~ WAGYU **P0011**  
 BREED WAGYU

DATE OF EMBRYO RECOVERY

Flush no.	Thaw no.	Certificate no.
2 OF 3		

OOCYTES RECOVERED TOTAL 7  
 TRANSFERRED 0  
 DUE DATE IF TRANSFERRED 1/1/22

FERT.	4	DEGEN.	0
FROZEN	4	UF	3

**B. CERTIFICATE OF EMBRYO TRANSFER**

Recipient	Stage	Grade	Left/Right	Stage	Grade	Left/Right
-----------	-------	-------	------------	-------	-------	------------

1	Blue	1	5	1
2	Blue	1	5	1
3	Blue	1	5	1
4	Blue	1	4	1

cane no.	straw no.	colour	emb/straw	stage	quality	washed	zona intact

Signature of ET veterinarian Dr D Watson BSc. Agric. BVSc. Date 29/3/21

Signature of veterinarian at pregnancy testing Date

**C. CERTIFICATE OF EMBRYO FREEZING**

Straw information WGWFD8218\*P0011 Cane no. AD210329.2  
 Time from recovery to freezing 1.75 HRS Cryoprotectant EG + SUCROSE  
 Seed Temp. -6 Cooling rate 0.6/min Plung Temp. -34  
 Recommended thaw technique DIRECT THAW Storage location HBA



256 Peck Road, Georembat 3725 VICTORIA AUSTRALIA  
 Ph +61 3 5764 1224 Fax +61 3 5764 1225 Mobile 0427 732 538  
 Email dombayard@bigpond.com Website www.grsembryos.com.au

13131

**A. CERTIFICATE OF EMBRYO RECOVERY**

OWNER'S COPY

Page 1 of 1

Breed WAGYU  
 Donor Name SMOF 00136 No. \_\_\_\_\_ Ear Tag or Tattoo \_\_\_\_\_  
 Owner MERZ Address \_\_\_\_\_  
 Onset Estrus Date \_\_\_\_\_ AM/PM  
 Yr. Mo. Day  
 Service Sire PWYPP1932 No. \_\_\_\_\_ Breeding Date 201215  
 Yr. Mo. Day  
 ID Code \_\_\_\_\_ Freeze Date or Batch No. \_\_\_\_\_ Recovery Date 201222  
 Yr. Mo. Day  
 Service Sire \_\_\_\_\_ No. \_\_\_\_\_ Total Recovered 7  
 No. Cleaved/Degen. 1  
 ID Code \_\_\_\_\_ Freeze Date or Batch No. \_\_\_\_\_ No. Unfertilized \_\_\_\_\_  
 No. Transferred \_\_\_\_\_  
 Signature [Signature] Firm \_\_\_\_\_ No. Frozen 6  
 Practitioner or Leader of the Embryo Production Team recovering Embryos ET Code \_\_\_\_\_

**B. CERTIFICATE OF EMBRYO TRANSFER**  
 ACCOMMODATES DIRECT TRANSFER

IF FROZEN

Date of Embryo Transfer \_\_\_\_\_ Surgical \_\_\_\_\_ Non-surgical \_\_\_\_\_ Other \_\_\_\_\_  
 if all trans. at one time Yr. Mo. Day  
 Freeze Date on straw \_\_\_\_\_  
 Practitioner I.D. \_\_\_\_\_  
 Straw No.'s \_\_\_\_\_  
 Days since Estrus of Donor \_\_\_\_\_

One Embryo was transferred to each of the following recipients unless it is noted that more than one was transferred.

**RECIPIENT IDENTIFICATION**

	Ear Tag, Registration or Tattoo No.	Breed Code	Days Since Estrus	Stage Code	Qual. Code	Emb. Divided	Straw No.	Emb. Trans. Date	Comments*
1.	_____	_____	_____	_____	_____	_____	_____	_____	_____
2.	_____	_____	_____	_____	_____	_____	_____	_____	_____
3.	_____	_____	_____	_____	_____	_____	_____	_____	_____
4.	_____	_____	_____	_____	_____	_____	_____	_____	_____
5.	_____	_____	_____	_____	_____	_____	_____	_____	_____
6.	_____	_____	_____	_____	_____	_____	_____	_____	_____
7.	_____	_____	_____	_____	_____	_____	_____	_____	_____
8.	_____	_____	_____	_____	_____	_____	_____	_____	_____
9.	_____	_____	_____	_____	_____	_____	_____	_____	_____
10.	_____	_____	_____	_____	_____	_____	_____	_____	_____

Signature \_\_\_\_\_ Firm \_\_\_\_\_  
 Technician/Practitioner or Team Leader that transferred the Embryos ET Code \_\_\_\_\_ Phone ( ) \_\_\_\_\_

\*Use comment column for any special notations and/or identify the location of the opposite half of a divided embryo. Pregnancy can be noted.

**C. CERTIFICATE OF FREEZING**

Type of Container: Straw \_\_\_\_\_ Other \_\_\_\_\_ Each container labelled to show firm code, breed, reg. no. of donors, freeze date and straw no.

Cane No.	Straw No.	No. Embryos/Straw	No. X Washed	Trypsin Treated	Code Stage	Code Quality	Zona Intact	Divided	Comments
<u>13131</u>	<u>1-4</u>	<u>1</u>	_____	_____	<u>4</u>	<u>1</u>	_____	_____	_____
_____	<u>5-6</u>	<u>1</u>	_____	_____	<u>4</u>	<u>2</u>	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____	_____	_____

Time from recovery to onset of freezing 3 (hrs.) Cryoprotectant and concentration, equilibration, final molality and cooling procedure:  
Ethylene Glycol  
 How Frozen: Seed Temp. -6 Cooling Rate -0.5 Plunge Temp. -35 Other \_\_\_\_\_  
 Method of Thawing: Ethylene Glycol: 5 secs in air, 20 secs in 25-30°C H<sub>2</sub>O, dry straw, load and transfer ASAP.  
10% Glycerol: 15 secs in air, 20 secs in 30-34°C H<sub>2</sub>O, 3 step sucrose extraction with 5 mins in each step.  
 Signature [Signature] Firm \_\_\_\_\_  
 Practitioner or Leader of the Embryo Production Team freezing the Embryos ET Code \_\_\_\_\_ Phone ( ) \_\_\_\_\_

**VETERINARY EMBRYO TRANSFER SERVICES (V.E.T.S.)**

AD210329.3

**A. CERTIFICATE OF EMBRYO RECOVERY/THAW**

OWNER/LEESEE A. DUPEN - LINDAN WAGYU DATE 29/3/21  
 HEAT DATE 22/3/21  
 DONOR NAME LINFP7  
 BREED WAGYU RESPONSE TO FSH AVE 6  
 SIRE ~~NE PAK~~ GATEWAY WAGYU P0011 FSH TOTAL DOSE 10 ML  
 NAME GATEWAY WAGYU P0011  
 BREED WAGYU  
 DATE OF EMBRYO RECOVERY Flush no. Thaw no. Certificate no.  
 3 OF 3  
 OOCYTES RECOVERED TOTAL 6 FERT. 5 DEGEN. 1  
 TRANSFERRED 0 FROZEN 5 UF 0  
 DUE DATE IF TRANSFERRED 1/1/22

**B. CERTIFICATE OF EMBRYO TRANSFER**

Recipient	Stage	Grade	Left/Right	Stage	Grade	Left/Right
	1	RED	1	4	1	CANE A
	2	RED	1	4	1	
	3	RED	1	4	1	
	4	RED	1	4	1	
	5	RED	1	4	1	CANE B

can. no. straw no. colour emb/straw stage quality washed zona intact

Signature of ET veterinarian Dr D Watson BSc. Agric. BVSc. Date 29/3/21

Signature of veterinarian at pregnancy testing Date

**C. CERTIFICATE OF EMBRYO FREEZING**

Straw information LINFP7\*POO11 Can. no. AD210329.3  
 Time from recovery to freezing 1.25 HRS Cryoprotectant EG + SUCROSE  
 Seed Temp. -6 Cooling rate 0.6/min Plung Temp. -34  
 Recommended thaw technique DIRECT THAW Storage location HBA

LOT 26

Storage: Tank F / Bucket 2

Donor: D

# PETER ATKINSON VETERINARY SERVICES

PO Box 38,  
Allora QLD 4362.  
(Office) Ph: 07 4666 2043  
(Office) Email: pcatkinson2@bigpond.com

ABN: 43 778 964 863

Phone: 07 4666 2042  
Fax: 07 4666 2044  
Mob: 0428 721 300

Email: pcatkinson@bigpond.com

## CERTIFICATE OF EMBRYO RECOVERY

Breed: Wagyu  
 Owner: Peter McCullagh, Amberoo Wagyu  
 Address: 98 Jennifer Crescent, Toowoomba QLD 4350  
 Donor Name: BDWF P1070 No. / Ear Tag or Tattoo \_\_\_\_\_  
 Service Sire: Arubial United P0342 ID Code: MYMF P0342  
 Service Sire: \_\_\_\_\_ ID Code: \_\_\_\_\_  
 Recovery Date: 9/02/2021 Total Recovered: 28  
 No. Cleaved/Degen: 12  
 No. Unfertilized: 1  
 No. Transferred: \_\_\_\_\_  
 No. Frozen: 15 (B) *Yolk yellow goblet top*

Response  
 Left: 8 x light  
 Right: ✓

## CERTIFICATE OF TRANSFER / FREEZING

Date of Transfer	Straw No.	Embryo No.	Stage	Quality		Incub (hrs)	Culture (hrs)	Transfer Recipient	CL / Side	Tech	Embryo Owner
				1	2						
		1	6	✓		3					
		2	6	✓		3					
		3	6	✓		3					
		4	6	✓		3					
		5	6	✓		3					
		6	6	✓		3					
		7	6	✓		3					
		8	6	✓		3					
		9	6		✓	3					
		10	6		✓	3					
		11	6		✓	3					
		12	6		✓	3					
		13	6		✓	3					
		14	6		✓	3					
		15	6		✓	3					
		16									
		17									
		18									
		19									
		20									

Cryopreservation Method: 10% Glycerol 1.5M Ethylene Glycol (DT) Vitrified

### Recommended Method of Thawing:

**10% Glycerol:** Air Thaw for 15 seconds, then plunge into 28°C water bath for 15 seconds. 3 step Dilution using ICP bio EMCARE embryos thawing system: [1] 6% v/v Glycerol + 10.3% w/v sucrose, 5 mins. [2] 3% v/v Glycerol + 10.3% w/v sucrose, 5 min. [3] 10.3% w/v sucrose, 5 min. [4] Embryo holding solution, 5 min.

**1.5M Ethylene Glycol:** Remove straw from tank and air thaw for 6 seconds and immediately immerse into 30°C water bath for 15 seconds. Dry straw, twist off cap, load and transfer immediately.

**Vitrified: IVF Biosciences BO-Vitriwarm 4-step warm at 37°C**

Immediately remove cryodevice and expel embryo into Warm [1] 3 mins Warm [2] 2 mins Warm [3] 2 mins Warm [4] 1 minute. Rinse warmed embryo/s in BO-IVC prior to continued culture or BO-Transfer prior to loading for transfer.

Signature: \_\_\_\_\_

Peter C. Atkinson BVSc

**VETERINARY EMBRYO TRANSFER SERVICES (V.E.T.S.)**

AD210329.1

**A. CERTIFICATE OF EMBRYO RECOVERY/THAW**

OWNER/LEESEE      A. DUPEN - LINDAN WAGYU      DATE      29/3/21  
 HEAT DATE      22/3/21

DONOR      NAME      **LINFD8825**  
 BREED      WAGYU      RESPONSE TO FSH      GOOD FOLLICLES  
 FSH TOTAL DOSE      10 ML

SIRE      NAME      ~~GATEWAY WAGYU~~ **WE PACK P0011**  
 BREED      WAGYU

DATE OF EMBRYO RECOVERY      Flush no.      Thaw no.      Certificate no.

	1 OF 3		
--	--------	--	--

OOCYTES RECOVERED      TOTAL      16      FERT.      9      DEGEN.      4  
 TRANSFERRED      0      FROZEN      9      UF      3

DUE DATE IF TRANSFERRED      1/1/22

**B. CERTIFICATE OF EMBRYO TRANSFER**

Recipient	Stage	Grade	Left/Right	Stage	Grade	Left/Right
	1	green	1	5	1	CANE A
	2	green	1	5	1	
	3	green	1	5	1	
	4	green	1	4	1	
	5	green	1	4	2	CANE B
	6	green	1	4	2	
	7	green	1	4	2	
	8	green	1	4	2	
	9	green	1	4	2	
	10	green	1	4	2	
cane no.	straw no.	colour	emb/straw	stage	quality	washed      zona intact

Signature of ET veterinarian      Dr D Watson BSc. Agric. BVSc.      Date      29/3/21

Signature of veterinarian at pregnancy testing      Date

**C. CERTIFICATE OF EMBRYO FREEZING**

Straw information      LINFD8825\*P0011      Cane no.      AD210329.1

Time from recovery to freezing      2 HRS      Cryoprotectant      EG + SUCROSE

Seed Temp.      -6      Cooling rate      0.6/min      Plung Temp.      -34

Recommended thaw technique      DIRECT THAW      Storage location      HBA