

# Animal Reproductive Technologies

Phone: 970-539-0957  
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Patrick J. Hemming DVM  
43010 County Road 115  
New Raymer, CO 80742

## A. CERTIFICATE OF EMBRYO RECOVERY

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Breed: SH  
Donor ID.: IMBER Other ID:  
Donor Name: Owl Rock Imber

Flush No: 1387

Reg. No.: 17971

Tag/Tattoo: IMBER /

Owner: Thorbardin Ranch LLC, Vaillancourt, Joseph  
Address: 1038 Greub Road, P.O. Box 160  
: Buffalo, WY 82834  
USA

Estrus Date: 10/01/2000  
Onset Time: pm.  
Breeding Date: 10/01/2000  
Recovery Date: 10/08/2000

Service Sire: Dirigo Florent (ET)  
I.D. Code: FLORENT

Reg. No.: 29602  
Freeze date/Batch No.:

No. Recovered: 13  
No. Transferred: 0  
No. Frozen: 8

Signature:   
Practitioner Recovering Embryos  
Patrick J. Hemming DVM

Firm: Animal Reproductive Technologies  
ET Code: 773 Phone : 970-539-0957

## C. CERTIFICATE OF FREEZING

Type of container : 1/4ml. STRAW

Each container is labeled to show: Firm Code, Breed, Reg. No. of donor, Freeze Date, and Straw# (No frozen embryos have been divided)  
Days since Estrus of Donor, (Embryo Age) : 6.86

Cane Code or Number	Straw No.	No. Emb.	Code Stage	Code Qual.	No.X Washed	Trypsin	Zona Intact	Location	Comments	Out To	Thaw or Ship Date
773 1387	1	1	4	1.0	7	N	Y	7/4	Direct Transfer		
773 1387	2	1	4	1.0	7	N	Y	7/4	Direct Transfer		
773 1387	3	1	4	1.0	7	N	Y	7/4	Direct Transfer		
773 1387	4	1	4	1.0	7	N	Y	7/4	Direct Transfer		
773 1387	5	1	4	1.0	7	N	Y	7/4	Direct Transfer		
773 1387	6	1	4	1.0	7	N	Y	7/4	Direct Transfer		
773 1387	7	1	4	1.0	7	N	Y	7/4	Direct Transfer		
773 1387	8	1	4	1.0	7	N	Y	7/4	Direct Transfer		

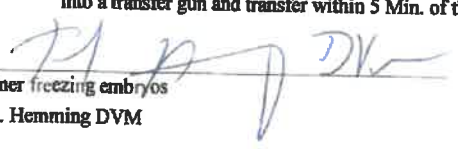
Time : recovery to onset of freezing : 1.40 (Hr)

Cryoprotectant & Conc. : 1.5M Ethylene Glycol

Cooling Procedure: Embryos placed in MDPBS+.4%BSA+cryoprotectant, equilibrated 10 Min.  
into freezer @ -6.0; wait 3 minutes, seed, wait 10 minutes, run cooling program

Seed Temp: -6.00 (deg.C.) Cooling Rate : -0.50 (deg.C./min.) Plunge Temp. : -31.00 (deg.C.)

Method of thaw: Remove from LN2, air thaw 7 Sec., 30 Deg.C. water for 30 Sec., dry straw  
Remove the plug with the ID straw. Load the 1/4ml straw with the embryo  
into a transfer gun and transfer within 5 Min. of thawing.

Signature:   
Practitioner freezing embryos  
Patrick J. Hemming DVM

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