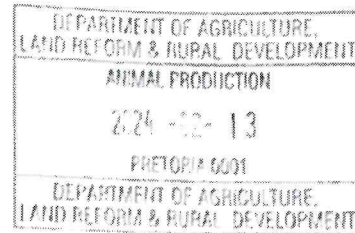




agriculture, land reform
& rural development

Department
Agriculture, Land Reform and Rural Development
REPUBLIC OF SOUTH AFRICA



VETERINARY MASTER PERMIT NO: NO MASTER

VALID FROM: 2024/02/13
EXPIRY DATE: 2024/08/12

IMPORTATION OF SEMEN: AUTHORIZATION NO. S0001/24-1

(Issued in terms of section 16 of the Animal Improvement Act, 1998)

Expiry date: 2024/08/12 for Authorization No. S0001/24-1

Authorization is hereby granted to: McBALE (PTY) LTD

of P. O. BOX 365, LEEUDORINGSTAD, NORTHWEST, 2640,

for the importation BOVINE semen of the ANGUS breed

from (country of origin): USA.

Semen will be cleared by:

McBALE (PTY) LTD,

Name of Animals	Reg. No.	Number of doses
PELTON WILDLOAD 78B	RAAA 1704763	50
RREDS PATHFINDER F811	RAAA 3952885	50
RED U2 DOMINION	RAAA 4098772	120
ELLINGSON PROLIFIC	AAA 20136857	50
BEAN MTN JUSTIFY	AAA 18886273	50
MUSGRAVE 316 EXCLUSIVE	AAA 18130471	50
MYERS FAIR-N-SQUARE	AAA 19418329	50

INGURAN LCC, DBA ST GENETICS, 22575 STATE HIGHWAY 6 SOUTH NAVASODA, TX 77868,
UNITED STATES OF AMERICA.

TOTAL: 420

CONDITION

- Certification by the exporting country that the number of unfrozen (live) spermatozoa per dose complies with the minimum amount specified on the reverse side of this document.
- DNA profiles must be provided to the Registrar of Animal Improvement, and the relevant Breeders Society before release from quarantine, if not available at time of importation.

This authorization is subject to the compliance with the veterinary requirements set out in the attached permit and is also subject thereto that the intended importation meets with all the provisions of the said Act. This authorization does not exempt the importer from the provisions of any other law. This authorization may be withdrawn by the Registrar should any false information be discovered in the application. This authorization is also not transferable. Imported semen shall under no circumstances be transferred, sold, given or donated to any other person or body unless prior written approval from the Registrar has been obtained. Any such approval shall be considered as new application for the importation of semen.


REGISTRAR: ANIMAL IMPROVEMENT

DATE: 2024/02/13

AMERICAN ANGUS ASSOCIATION

3201 Frederick Ave., Saint Joseph, Missouri 64506-2997
PHONE: 816-383-5100

NAME OF ANIMAL	SEX	REGISTRY NO.	DATE CALVED	TATTOO	LEFT EAR	RIGHT EAR
ELLINGSON PROLIFIC	Bull	AAA 20136857	3/01/2021		1290	1290
[AMF-CAF-D2F-DDF-M1F-NHF-OHF-OSF-RDF]						

BREEDER

Ellingson, Chad & Julie Saint Anthony ND

	D R SIERRA CUT 7404	AAA #+*16047469[AMF-CAF-XF]
TEHAMA REVERE	AAA 17233917[DDF-OHF]	
	TEHAMA ELITE BLACKBIRD T003	AAA 16018926
S POWERPOINT WS 5503	AAA #*18159093[AMF-CAF-XF]	
	S SUMMIT 956	AAA #*16433346[AMF-CAF-XF]
S QUEEN ESSA 248	AAA *17298584	
	S QUEEN ESSA 0131	AAA #16699242
SIRE		
ELLINGSON PROFOUND 8155	AAA *19203612[AMF-CAF-XF]	
	S A V FINAL ANSWER 0035	AAA #*13592905[AMF-CAF-XF]
CONNEALY CAPITALIST 028	AAA #*16752262[AMF-CAF-XF]	
	PRIDES PITA OF CONANGA 8821	AAA 16204878[CAF-DDF]
EA ROSETTA 6157	AAA #+*18544516	
	LT TERRITORY 5824 OF EA	AAA #15175462
EA BLACKBIRD 0038	AAA #16725021	
	EA ROSETTA 5025	AAA 15175453
	O C C EMBLAZON 854E	AAA #+12514348[AMF-CAF-XF]
O C C JUNEAU 8073	AAA #*13627989[AMF-CAF-XF]	
	O C C DIXIE ERICA 903E	AAA 12487179[M1C]
KOUPAL JUNEAU 797	AAA #15804077[AMF-CAF-XF]	
	O C C GLORY 950G	AAA #13096423
KOUPALS ELBA 187	AAA 14080527	
	BEEFLAND ELBA 7119	AAA 12870159
DAM		
EA QUEEN 8070	AAA #19177681	
	BOYD FORWARD 6025	AAA #*15347916[DDF]
G V F FORWARD 0141	AAA 16658607	
	G V F BLACK MISS 7018	AAA 15776216
EA QUEEN 2350	AAA 17836090	
	SCHAFF NET INCOME 7024	AAA 15892972
E A QUEEN 0313	AAA 16764373	
	P A R DOUBLE AMBUSH 179	AAA 13517408



FILE NO. 2557946

2

Mark A. McCully
Mark A. McCully
Chief Executive Officer

838424



Unistel Medical Laboratories Genetic Report

BOVINESNP50-24 v3 BeadChip

JD Marais

Angus

ELLINGSTON PROLIFIC

19229U004

Animal Tested:

Sample type:

Semen

Description	Mutations	Status	Description	Mutations Tested	Status
Coat colouration	MC1R - e MC1R - ED Dun Dexter Dilution (TYPR1) Silver Dilution type 1 Silver Dilution type 2 Myostatin C313Y Myostatin E226X Myostatin E291X Myostatin nt419 Myostatin nt821 Myostatin Q204X Myostatin D182N Myostatin F94L Myostatin S105C E7 mutation E13 mutation E18 mutation	E+/E+ <i>Insufficient data</i> +/ +/ +/ Clear Clear Clear Clear Clear Clear Clear Clear Clear Clear Clear Clear Clear Clear Clear	Meat Tenderness	Calpain 1 - 316 Calpain 1 - 4751 Calpain 1 - 530 Calpastatin - 282 Calpastatin - 2870 Calpastatin - 2959	G/G - Normal breakdown T/T - Normal breakdown A/G - Intermediate breakdown C/C - Does not inhibit Calpain G/G - Does not inhibit Calpain A/A - Does not inhibit Calpain
Myostatin Status			Milk status	Beta Casein - 245 Beta Casein - 411 Kappa Casein - 352 Kappa Casein - 467 Kappa Casein - 470 Kappa Casein - 506 Kappa Casein - 526	A2/A2 B/B A/A A/A A/B A/B A/A
POMPE Status			Milk quality	Growth Hormone F279Y Growth Hormone 2141 Growth Hormone 2291 ABCG2 - protein yield milk AcyCoA - milk fat percentage Trimethylaminuria excess in milk Yellow milk fat	Increased milk, casein & lactose yield; decreased protein & fat yield Decreased milk protein & fat yield Normal milk fat yield, fat & protein % Normal fat, protein & milk yield; normal fat & protein % Normal fat, protein & milk yield. Normal fat & protein % Clear Normal yellow fat
Heat Tolerance	SLICK	No added resistance			
Eye Disorders	Pinkeye resistance	Reduced risk 8-13%			
Bone Disorder	Osteopetrosis	Clear			
Breed mutations	Alpha Mannosidosis 961 Neuropathic hydrocephalus Developmental Duplication Mulefoot (P1647L)	Clear Clear Clear Clear	Hornedness	Polled (Celtic and Friesian)	Homozygous Polled

Disclaimer: Unistel reports these results on the premise that the biological samples received are from the individuals nominated by the owner/breeder/requester. This certificate replaces all previous issued certificates. While every effort is made to prevent incorrect results, Unistel Medical Laboratories does not accept any responsibility for any losses that may occur as a result of human or technical error. Should gross negligence be proven, the claim shall not exceed the value of the contract.



BUREAU
VERITAS

BOVINE DNA GENETIC MARKER REPORT

ISSUED TO				OWNER INFORMATION			
ST GENETICS/SEXING TECHNOLOGIES N5404 COUNTY ROAD D FOND DU LAC, WI 54937							
REPORT ID 2		TEST METHOD		PROFILE ONLY			
RECEIVED DATE 2023/12/27		TEST DATE 2024/01/02		REPORT DATE 2024/01/09			
SUBJECT ANIMAL DETAILS							
CASE NUMBER BU2023001490				BARCODE			
SAMPLE TYPE SEMEN				CONDITION ACCEPTABLE			
NAME ELLINGSON PROLIFIC							
TATTOO 1290				REG NUMBER AAA *20136857			
BREED ANGUS				SEX MALE		BIRTH YEAR 2021	
SIRE INFORMATION				DAM INFORMATION			
NAME ELLINGSON PROFOUND 8155				NAME EA QUEEN 8070			
TATTOO				TATTOO			
REG NUMBER AAA *19203612				REG NUMBER AAA *19177681			
RESULTS							
BM 1818	BM 1824	BM 2113	CYP 21	ETH 10	ETH 225	ETH 3	INRA 23
266	178/182	133/139	220	217/219	144/148	117/125	206
RM 067	SPS 115	TGLA 126	TGLA 122	TGLA 227	TGLA 53	MGTG 4B	SPS 113
90/102	248/252	115	151	93/97	160	135/139	141/153
COMMENTS:							


Becky Henderson
Senior Customer Service Representative

Signature indicates generation of DNA genetic marker report from previously analyzed data. The results relate only to the sample submitted and/or the sub-sample tested. Test performed by Bureau Veritas DNA Services Division Unit 2-335 Laird Rd, Guelph, Ontario N1G 4P7. This DNA profile is standardized to the specifications of the International Society of Animal Genetics (ISAG).
ISAG Institutional Membership code 84509.
Accredited to International Standards Organization (ISO) 17025 by Standards Council of Canada.

Unit 2 - 335 Laird Road
Guelph, ON N1G 4P7

Page 1 of 1

Phone: (519) 836-2400
Toll Free: (877) 706-7678
Fax: (519) 836-4218
www.bvna.com

AMERICAN ANGUS ASSOCIATION - THE BUSINESS BREED

Ellingson Prolific Reg: AAA *20136857 Bull

[AMF-CAF-D2F-DDF-M1F-NHF-OHF-OSF-RDF]

Birth Date: 03/01/2021 Tattoo: 1290

Parentage: SNP

Genomic: HD50K

Genomic Prog: 135

Parents Qualified

Breeder: 159054 - Chad & Julie Ellingson, Saint Anthony ND

First Owner: 159054 - Chad & Julie Ellingson, Saint Anthony ND

Owner(s): 159054 - Chad & Julie Ellingson, Saint Anthony ND

1220556 - Sexing Technologies, Navasota TX

McBate 14/12/2023
DNA ✓
Geno Verslag ✓
Permit ✓
5 Gen →
submitted at
not changed
provided

S Powerpoint WS 5503
Ellingson Profound 8155
EA Rosetta 6157
Koupal Juneau 797
EA Queen 8070
EA Queen 2350

Tehama Revere
AAA *18159093 [RDF]
S Queen Essa 248

Connealy Capitalist 028
AAA #*18544516
EA Blackbird 0038

O C C Juneau 807J
AAA #15804077
Koupals Elba 187

G V F Forward 0141
AAA 17836090
E A Queen 0313

AAA 17233917

AAA *17298584

AAA #*16752262 [RDF]

AAA #16725021

AAA #*13627989

AAA 14080527

AAA 16658607

AAA 16764373

Pathfinder + Embryo Transplant * Parents Qualified

As of 12/12/2023

Production								Maternal						
CED Acc % Prog	BW Acc % Prog	WW Acc % Prog	YW Acc % Prog	RADG Acc % Prog	DMI Acc % Prog	YH Acc % Prog	SC Acc % Prog	HP Acc % Daus	CEM Acc % Daus	Milk Acc % Daus	MkH MkD	MW Acc % Prog	MH Acc % Prog	\$EN %
+2.39 80% 3	+3.6 .80 95% 156	+97 .65 1% 50	+158 .43 3%	+25 .32 50%	+2.21 .32 95%	+1.1 .45 4%	+93 .48 45%	+17.9 .25 4%	+11 .30 25%	+20 .33 85%		+69 .36 45%	+6 .38 25%	-16 55%

Management				
Doc Acc % Prog	Claw Acc % Prog	Angle Acc % Prog	PAP Acc % Prog	HS Acc % Prog
+18 .45 50%	+07 .36 1%	+17 .36 1%	+1.92 .22 70%	+62 .29 65%

Carcass						Angus-on-Dairy \$Values		\$Values					
CW Acc %	Marb Acc %	RE Acc %	Fat Acc %	Carc Grp Prog	Usnd Grp Prog	\$AxH %	\$AxJ %	\$M %	\$W %	\$F %	\$G %	\$B %	\$C %
+80 .42 3%	+52 .35 55%	+67 .36 40%	+018 .33 60%			+77 60%	+80 50%	+117 1%	+82 4%	+118 10%	+46 50%	+164 25%	+330 3%

Phenotypic traits: CE, BW, WW, YW, SC, Doc, Claw, Angle, UScanWT, UIMF, URE, URibFat, URumpFat

159054 BO 09232021; 1220556 02162022

AMERICAN ANGUS ASSOCIATION - THE BUSINESS BREED

Ellingson Prolific Reg: AAA *20136857 Bull
[AMF-CAF-D2F-DDF-M1F-NHF-OHF-OSF-RDF]
Birth Date: 03/01/2021 Tattoo: 1290
Parentage: SNP Genomic: HD50K Genomic Prog: 2612
Parents Qualified
Breeder: 159054 - Chad & Julie Ellingson, Saint Anthony ND
First Owner: 159054 - Chad & Julie Ellingson, Saint Anthony ND
Owner(s): 159054 - Chad & Julie Ellingson, Saint Anthony ND
1220556 - Sexing Technologies, Navasota TX



	S Powerpoint WS 5503	Tehama Revere AAA #*18159093 [RDF]	AAA 17233917
Ellingson Profound 8155	AAA *19203612 [RDF]	S Queen Essa 248	AAA *17298584
	EA Rosetta 6157	Connealy Capitalist 028 AAA #*18544516	AAA #*16752262[RDF]
		EA Blackbird 0038	AAA #16725021
	Koupal Juneau 797	O C C Juneau 807J AAA #15804077	AAA #*13627989
EA Queen 8070	AAA #19177681	Koupals Elba 187	AAA 14080527
	EA Queen 2350	G V F Forward 0141 AAA 17836090	AAA 16658607
		E A Queen 0313	AAA 16764373

Pathfinder + Embryo Transplant * Parents Qualified As of 06/25/2025

PRODUCTION								MATERNAL									
CED ACC % PROG	BW ACC % PROG	WW ACC % PROG	YW ACC % PROG	RADG ACC % PROG	DMI ACC % PROG	YH ACC % PROG	SC ACC % PROG	HP ACC % DAUS	CEM ACC % DAUS	MILK ACC % DAUS	MKH MKD	TEAT ACC % PROG	UDDR ACC % PROG	FL ACC % DAUS	MW ACC % PROG	MH ACC % PROG	SEN %
-2 .60 95% 84	+4.0 .95 95% 2622	+85 .92 10% 1878	+145 .88 15% 1015	+22 .47 75% 9	+2.35 .47 95% 9	+6 .88 40% 314	+41 .88 80% 511	+16.8 .32 1% 25	+9 .31 40% 40%	+14 .34 95% 95%		+4.5 .35 70% 70%	+5.1 .33 55% 55%	+7.9 .35 95% 95%	+63 .43 55% 55%	+6 .42 35% 35%	-9 35%

MANAGEMENT				
DOC ACC % PROG	CLAW ACC % PROG	ANGLE ACC % PROG	PAP ACC % PROG	HS ACC % PROG
+12 .84 80% 269	+28 .78 2% 286	+29 .77 1% 286	+61 .38 40% 45	+79 .65 90% 57

CARCASS						ANGUS-ON-DAIRY \$VALUES		\$VALUES					
CW ACC %	MARB ACC %	RE ACC %	FAT ACC %	CARC GRP PROG	USND GRP PROG	\$AXH	\$AXJ	\$M	\$W	\$F	\$G	\$B	\$C
+77 .48 10%	+73 .44 40%	+66 .45 50%	+0.27 .38 65%		214 640	+84 60%	+63 60%	+77 20%	+60 55%	+120 15%	+56 40%	+177 20%	+307 15%

Phenotypic traits: CE, BW, WW, YW, SC, Doc, Claw, Angle, UScanWT, UIMF, URE, URibFat, URumpFat
Bold Phenotypes are included in the National Cattle Evaluation. 159054 BO 09232021; 1220556 02162022