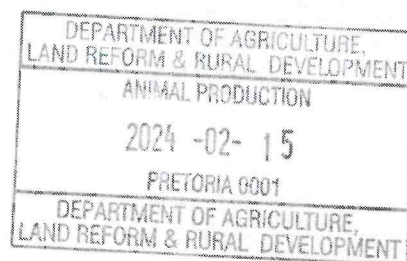




**agriculture, land reform
& rural development**

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



VETERINARY MASTER PERMIT NO: NO MASTER

**VALID FROM: 2024/02/15
EXPIRY DATE: 2024/08/14**

IMPORTATION OF SEMEN: AUTHORISATION NO. S0037/24-1

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

Expiry date: **2024/08/14** for Authorization No. **S0037/24-1**

Authorization is hereby granted to: **ALETA ENGELKE/ AC VERSPREIDERS T/A GENEX SOUTH AFRICA.**
of: **NEW CROSS RD 5, CALEDON, 7230.**

for the importation **BOVINE** semen of the **ANGUS** breed
from (country of origin): **USA.**

Semen will be cleared by:

ALETA ENGELKE/ AC VERSPREIDERS T/A GENEX SOUTH AFRICA

Name of Animals	Reg. No.	Number of doses
BOYD DYNAMIC 6118	18693344	500
DB ICONIC G95	19611994	50
CRUMP NEW DECADE 9341	4099482	50
5L 9 MILE RESONATE 1113	4558479	110
JFCC COLD FRONT 981	4131930	60

GENEX CO OPERATIVE 625 E ELIZABETH STREET, SHAWANO WISCONSIN USA 54166-315.

TOTAL: 770

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 This authorization may withdrawn by the Registrar should any false information be discovered in the application.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 may 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: 2024/02/15

Red Angus Association of America

5L 9 MILE RESONATE 1113 01/22/2021

Polled Red Angus Bull

4558479

Registration Number
1113

Tattoo

Genex
Permit
Geno
Verslag
DNA

Name	RAA Number	Identification	Birth Date	Foreign Number	5th Generation
ANDRAS IN FOCUS B175	1366634	B175	10/16/2009		Sire: M77Y IN FOCUS
ANDRAS FUSION R236	1506931	R236	09/18/2011		Dam: DI ESTONIA 316
ANDRAS BELLE B167	1366639	B167	10/11/2009		Sire: ANDRAS THUNDER B105
BIEBER CL ATOMIC C218	3474996	C218	02/18/2015		Dam: ANDRAS BELLE 416
HUST CHIEF SEQUOYA R336	1025756	R336	03/08/2005		Sire: CCF SEQUOYA 0361
BIEBER DATELINE 308Y	1437039	308Y	03/22/2011		Dam: LCC REBELLA NA123
BASIN ROSE 7127	1189543	7127	02/17/2007		Sire: BASIN CHEROKEE 4246
BIEBER CL ENERGIZE F121	3658815	F121	01/12/2018		Dam: BASIN ROSE 1938
LACY GOLD BAR 8123	1294649	8123	09/10/2008		Sire: CCF GOLD BAR 0251
BIEBER HARD DRIVE Y120	1436718	Y120	02/11/2011		Dam: LACY MS CHEROKEE 557P
BIEBER LAURA 158W	1311673	158W	02/17/2009		Sire: LJC MISSION STATEMENT P27
BIEBER CL ADELLE 575D	3537440	575D	04/07/2016		Dam: BASIN LAURA 5301
HUST CHIEF SEQUOYA R336	1025756	R336	03/08/2005		Sire: CCF SEQUOYA 0361
BIEBER ADELLE 297Y	1437046	297Y	03/18/2011		Dam: LCC REBELLA NA123
BIEBER ADELLE 7226	663239	7226	02/08/1999		Sire: BJR MAKE MY DAY 981
					Dam: BIEBER ADELLE 6442
5L 9 MILE RESONATE 1113	4558479	1113	01/22/2021		
SPUR FRANCHISE 7070	3318198	7070	09/19/2007		Sire: BASIN FRANCHISE P142
SPUR FRANCHISE OF GARTON	3469042	2114	08/28/2012		Dam: H&H L&C LADY BEHAVE 5040
H & H RENE LASS 0135	3469041	0135			Sire: SYDGEN C C & 7
9 MILE FRANCHISE 6305	3555188	6305	03/02/2016		Dam: H & H RENE LASS 7116
TR COLT 45 UT806	1240434	UT806	02/25/2008		Sire: BECKTON CODY V E023
C-BAR ABIGRAVE Y11	1430755	Y11	02/11/2011		Dam: BECKTON COCA L388 CK
C-BAR & BROWN ABIGRAVE T712	1186433	T712	03/03/2007		Sire: LJC MISSION STATEMENT P27
9 MILE DORY JIBA 6922 9126	4185730	9126	01/19/2019		Dam: BROWN MS ABIGRAVE L730
C-T THE QUEST 1103	1426142	1103	01/20/2011		Sire: HXC CONQUEST 4405P
5L OUT IN FRONT 1701-457B	1725576	457B	03/27/2014		Dam: C-T TINA 0972
5L FIREFLY 3109-1701	1449612	1701	02/16/2011		Sire: BUF CRK THE RIGHT KIND U199
9 MILE DORY JIBA RD130B-6922	3733117	6922	10/01/2016		Dam: 5L FIREFLY 755-3109
C-BAR ELDORADO 114Z	1551454	114Z	03/21/2012		Sire: C-BAR ANTICIPATION 101W
DYK DORY JIBA RD130B	1695944	RD130B	12/26/2013		Dam: C-BAR STONY W914
LASO DORY JIBA DR125T	1162781	DR125T	01/01/2007		Sire: 5L SIGNATURE 5615
					Dam: LCHMN DORYJIBA J1265

RED ANGUS
RANCH TESTED. RANCHER TRUSTED.

FIVE GENERATION EXTENDED PEDIGREE

18335 E. 103rd Avenue, Suite 202 • Commerce City, CO 80022-3103
(940) 387-3502 • FAX (888) 829-6069

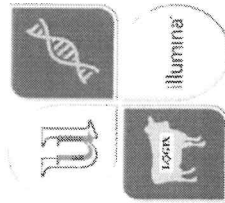
Email: info@redangus.org • Website: www.redangus.org

John T. Brink

John T Brink, Chief Executive Officer

Printed: 02-06-2024

The data listed in this pedigree is a true and accurate representation of the Red Angus Database. To the best of my knowledge, no genetic abnormalities have been reported to this animal.



Unistel Medical Laboratories Genetic Report

BOVINESNP50-24 v3 BeadChip

CRI South Africa

Angus

Animal Tested: JL 9 MILE RESONATE 1113

17838U002

Semen

Sample type:

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

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.

DNA Report

Unistel Medical Laboratories (Pty) Ltd
An Associated Company of The Unistel Group

Tel: Main Switchboard - 021 007 5617
Email: info@unistelmedical.co.za

Test Method :	Fragment Analysis (STR)
Batch No :	17838U
Sample # :	17838U002
Owernname :	CRI South Africa

Tag No :	1AR00982
Animal Name :	JL 9 MILE RESONATE 1113
Microchip # :	
Animal Species :	CATTLE
Animal Breed :	ANGUS
Registration Id :	
Birth Date :	2021-01-22
Gender :	Male
DNA Ref. No :	
Tissue Type	Semen Straw

Marker	Allele1	Allele2
BM1818	270	270
BM1824	180	182
BM2113	133	135
CSRM60	100	104
CSSM66	187	189
ETH10	217	217
ETH225	144	148
ETH3	117	117
ILSTS006	290	292
INRA23	206	206
SPS115	248	254
TGLA122	143	151
TGLA126	115	117
TGLA227	81	97
TGLA53	160	170

Created date: 09-May-2024 09:12

Received date: 01-May-2024 22:00

Report date: 31-May-2024 14:10

DNA profile analysed to ISAG specification(2021/2022)

Page 1

Unistel report these results on the premise that the biological samples received are from the individuals nominated by the owner/ breeder/ requestee. This Certificate replaces all previously issued certificates.

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CHARNÉ ROSSOUW
DIVISION MANAGER

Batch Detail Report

Created : 2024-05-03

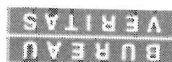
Batch : 17838U
Owner : CRI South Africa
Farm :
Account : COLP01
Origin : PRIVATE
Invoice To : Owner

SAMPLE	ANIMAL	SPECIES	BREED	DAM	SIRE	TEST	Tissue Type	RESULT	INVOICE
17838U001	1AN01538 (DB ICONIC G95) (M,23)	CATTLE	ANGUS (23)			PAR_C	Semen Straw	PU : Profile (Unistel)	
17838U002	1AR00982 (JL 9 MILE RESONATE 1113) (M,23)	CATTLE	ANGUS (23)			PAR_C	Semen Straw	PU : Profile (Unistel)	

Report Date : 31-May-2024 16:04

Unistel report these results on the premise that the biological samples received are from the individuals nominated by the owner/ breeder/ requestee. This Certificate replaces all previously issued certificates.
Disclaimer: While every reasonable effort is made to prevent faulty results, Unistel Medical Laboratories do not accept any responsibility for any losses that may occur as a result of human or technical error. The results relate only to the samples tested. Should gross negligence be proven, the claim shall not exceed the value of the contract.
Please note: some STR profiles used in parentage analysis may have been sourced from another laboratory. While every reasonable effort is made to prevent incorrect results, Unistel Medical Laboratories does not accept any responsibility for parentage mismatches due to incompatible marker scoring strategies between laboratories. Unistel Medical Laboratories participates in ISAG comparison testing and therefore incorporates international scoring standards in the generation of our STR profiles.

CHARNÉ ROSSOUW
DIVISION MANAGER



BOVINE DNA GENETIC MARKER REPORT									
ISSUED TO					OWNER INFORMATION				
GENEX BEEF 100 MBC DRIVE SHAWANO WI 55166					GENEX BEEF				
REPORT ID 1					TEST METHOD PROFILE ONLY				
RECEIVED DATE 2023/04/05			TEST DATE 2023/04/14		REPORT DATE 2023/04/26				
SUBJECT ANIMAL DETAILS									
CASE NUMBER BU2023001439			BARCODE		SAMPLE TYPE SEMEN				
NAME 5L 9 MILE RESONATE			CONDITION ACCEPTABLE						
TATTOO 1113			REG NUMBER 4558479		BREED				
SIRE INFORMATION			SEX MALE		BIRTH YEAR 2021				
NAME BIEBER CL ENERGEIZE F121			NAME 9 MILE DORY JIBA 6922-9126		TATTOO F121				
TATTOO 3958815			TATTOO 9126		REG NUMBER 4185730				
RESULTS									
BM 1818	BM 1824	BM 2113	CYP 21	ETH 10	ETH 225	ETH 3	INRA 23	270	
180/182	133/135	191/208	217	144/148	117/125	206			
SPS 115	TGLA 126	TGLA 122	TGLA 227	TGLA 53	MGTG 4B	SPS 113			
248/254	115/117	143/151	81/97	160/170	135	139/153			
RM 067									
90/102									
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. 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

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