

JUST GENES AB SERVICES

ABN 42 309 187 527

John Cooper Q.C.A.H.
MANAGER



8 Minns Place, Everton Park Q 4053

Phone - (07) 3855 5459

Fax - (07) 3355 7170

justgenex@bigpond.com

Report: Morphology Evaluation

MorphNo- 6284

Assessment Date 9/10/2019

Client Name Mr Brett & Mrs Philipa
Krafft

Veterinarian Dr Andrew Morley
Moura Veterinary Clinic

Collection Place 338 MCLAUGHLINS RD,
THANGOOL Q 4716

17 Theodore Rd, Moura, Queensland, 4718

Collection Date 08/10/19

The following is an abbreviation key for morphological abnormalities used in the generation of spermograms in this report. Those captions in bold italics are used as categories in the spermogram summaries table.

<i>%N % Normal</i>	<i>VT Vacuoles/Teratoids</i>	<i>HT Head and tails defects</i>	<i>MP Midpiece defects</i>
N Normal	NV Nuclear vacuoles	DH Detached heads	BN Broken necks
DD Distal cytoplasmic droplets*	SV Small vacuoles	DC Decapitated heads	DMR Distal midpiece reflex
AB Abaxial tails*	DIA Diadems	CT Coiled tails	DG Dag defect
SAP Segmental aplasia*	TH Teratoid heads	XT Multiple tails	ST Stumped tails
	MI Microcephalic heads		FM Fractured midpiece
	NC Nuclear crest		CMP Coiled midpiece
	MA Macrocephalic heads	<i>PY Pyriform heads</i>	
	PK Pyknotic	<i>PD Proximal cytoplasmic droplets</i>	
		<i>SA Swollen acrosomes</i>	
		<i>KA Knobbed acrosomes</i>	

Disclaimer Clause

As the morphology of spermatazoa can show day to day variation, Just Genes AB Services does not give any warranties express or implied as to the fertility or productiveness of animals semen morphology tested, and to the extent permitted by law, Just Genes AB Services expressly disclaims any responsibility of any kind with respect to the past or future fertility or productiveness of animals tested.

Assessor

John Cooper

Animal Summary

Sample ID	Animal Name	Status	Breed	Brand
Trent Bridge N284	Trent Bridge N284	Processing	Wagyu	Not Identified
Trent Brudge N289	Trent Brudge N289	Processing	Wagyu	Not Identified

Spermiogram Summary (%)

Sample ID	% N	KA	SA	PY	PD	VT	HT	MP	Comments/Prognosis
Trent Bridge N284	94	0	0	0	0	0	2	4	
Trent Brudge N289	92	0	0	0	0	3	1	4	

Detailed Spermiogram (%)

Sample ID	N	DD	AB	SAP	KA	SA	PY	PD	NV	SV	DIA	TH	NC	PK	MI	MA	DH	DC	CT	BN	CMP	DMR	DG	FM	ST	X
Trent Bridge N284	92	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	4	0	0	0	0
Trent Brudge N289	91	1	0	0	0	0	0	0	0	0	0	0	3	0	0	0	1	0	0	1	0	2	1	0	0	0