



GeneSeek Yak DNA Test

Date of Report: December 10, 2019

Animal Name: RSCB Maia

Animal ID (USYAK Ear Tag#): 09A44

Sample ID: 81318001500

DNA Fingerprint: 16 SNP Identification Code
GYGKWKKRKS YGSTYT

Parentage:

The Sire was not reported in the submission. Dam is not
Reported in the submission

Cattle Introgression

CattleAlleles = 2

CattleFraction = 0.011

Coefficient of Inbreeding

No. Heterozygous SNPs = 36

EstimationOfCOI = -0.0025

Other Features

ATP6 Mitochondrial DNA: G - Cattle

KIT Coat pattern C - Solid

SAMPLE QUALITY

TotalAssays= 98

TotalCalls= 94

CallRate =0.959

CallRateThreshold =0.95

CallRateStatus=Pass

$COI = 1.0 - heterozygoteTotal / (Nsites * ExpectedHets)$
 $ExpectedHets = 0.3946$
 $COI = 1.0 - 36 / (91 * 0.3946)$
 $COI = -0.0025$

SNP #	Genotype	24	G/G	48	T/T	72	G/G
1	G/G	25	C/T	49	A/G	73	A/A
2	C/T	26	T/T	50	C/C	74	A/C
3	G/G	27	G/G	51	T/T	75	A/G
4	G/T	28	C/C	52	G/T	76	T/T
5	A/T	29	C/C	53	C/C	77	C/T
6	G/T	30	C/C	54	T/T	78	C/G
7	G/T	31	G/G	55	C/T	79	T/T
8	A/G	32	C/C	56	C/G	80	C/T
9	T/G	33	--	57	C/C	81	G/G
10	C/G	34	G/T	58	T/T	82	C/C
11	C/T	35	--	59	T/T	83	A/A
12	G/G	36	C/C	60	C/C	84	T/T
13	C/G	37	G/G	61	C/C	85	G/G
14	T/T	38	A/A	62	C/C	86	G/G
15	C/T	39	A/A	63	A/G	87	T/T
16	T/T	40	A/C	64	G/T	88	T/T
17	C/C	41	A/C	65	C/T	89	C/C
18	T/T	42	--	66	G/T	90	G/G
19	C/G	43	C/C	67	A/A	91	G/T
20	A/A	44	A/T	68	A/A	92	T/T
21	C/T	45	A/G	69	C/C	93	T/T
22	A/A	46	C/T	70	C/T	94	--
23	C/C	47	C/T	71	G/G	95	G/G