

Sus scrofa BLAST Anomaly Report

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Overall Statistics

Metric	Value
Total Sequence Analyzed	2
Total Records	1,179
Total Anomalies	233
Anomaly Rate	19.8%

Analysis Configuration:

Non-anomaly keywords: Sus scrofa

Normal sample size: 5

BatchBLAST ID: blast_res/y1uDzkrNL7

Detailed File Analysis

Filename	Total	Normal	Anomalies	Anomaly %
reverse journal.csv	711	479	232	32.6%
forward journal.csv	468	467	1	0.2%

Analysis: reverse journal.csv

Metric	Value
Total Records	711
Normal Results	479
Anomalous Results	232
Anomaly Percentage	32.6%

Anomaly Groups

Species Group	Count	Percentage
Panthera leo	42	18.1%
Pedioplanis gaerdesi	32	13.8%
Panthera spelaea	28	12.1%

Species Group	Count	Percentage
<i>Panthera pardus</i>	23	9.9%
<i>Pedioplanis branchi</i>	18	7.8%
<i>Liolaemus silvai</i>	18	7.8%
<i>Liolaemus carezzae</i>	7	3.0%
<i>Neofelis nebulosa</i>	5	2.2%
<i>Liolaemus zapallarensis</i>	5	2.2%
<i>Pedioplanis inornata</i>	4	1.7%
<i>Gekko petricolus</i>	4	1.7%
<i>Cryptoprocta ferox</i>	3	1.3%
<i>Anolis loysiana</i>	3	1.3%
<i>Liolaemus pictus</i>	2	0.9%
<i>Stiphodon pelewensis</i>	2	0.9%
<i>Gekko boehmei</i>	2	0.9%
<i>Stiphodon tuivi</i>	2	0.9%
<i>Eirenis aurolineatus</i>	1	0.4%
<i>Liolaemus araucaniensis</i>	1	0.4%
<i>Liolaemus petrophilus</i>	1	0.4%
<i>Liolaemus incaicus</i>	1	0.4%
<i>Liolaemus schroederi</i>	1	0.4%
<i>Charina trivirgata</i>	1	0.4%
<i>Liolaemus gracilis</i>	1	0.4%
<i>Liolaemus puna</i>	1	0.4%
<i>Liolaemus chilensis</i>	1	0.4%
<i>Sus celebensis</i>	1	0.4%
<i>Liolaemus capillatus</i>	1	0.4%
<i>Babyrousa babyrussa</i>	1	0.4%
<i>Liolaemus cf</i>	1	0.4%
<i>Leopardus pardalis</i>	1	0.4%
<i>Liolaemus hernani</i>	1	0.4%
<i>Cylindrophis maculatus</i>	1	0.4%
<i>Liolaemus robertmertensi</i>	1	0.4%
<i>Liolaemus septentrionalis</i>	1	0.4%
<i>Diploglossus delasagra</i>	1	0.4%
<i>Stenocercus humeralis</i>	1	0.4%
<i>Stenocercus formosus</i>	1	0.4%
<i>Diploglossus lessonae</i>	1	0.4%
<i>Stenocercus imitator</i>	1	0.4%

Species Group	Count	Percentage
Stenocercus roseiventris	1	0.4%
Pseudochirulus forbesi	1	0.4%
Ptyas dhumnades	1	0.4%
Stenocercus marmoratus	1	0.4%
Pammene gallicana	1	0.4%
Zea mays	1	0.4%
Gekko flavimarginatus	1	0.4%
Stiphodon elegans	1	0.4%
Haemodracon trachyrhinus	1	0.4%

Sample Anomalies

Species Group	Count	Sample Title	Accession
Panthera leo	42	Panthera leo isolate JCK10712 mitochondrion, complete genome	OP930842
Pedioplanis gaerdesi	32	Pedioplanis gaerdesi voucher MCZR185880 NADH dehydrogenase s...	MW823156
Panthera spelaea	28	Panthera spelaea voucher VNHM GS-27 mitochondrion, complete ...	OK513013
Panthera pardus	23	Panthera pardus isolate Sab mitochondrion, complete genome	OR817738
Pedioplanis branchi	18	Pedioplanis branchi voucher ZMB:89316 NADH dehydrogenase sub...	MW823188
Liolaemus silvai	18	Liolaemus silvai voucher J. Troncoso-Palacios 71 NADH dehydr...	KJ452305

Normal Results Sample

Title	Accession	E-value
Sus scrofa isolate GDXE28 mitochondrion, complete genome	MG250527	0.381129
Sus scrofa isolate Enshi144 mitochondrion, complete genome	KX620011	0.381129
Sus scrofa breed Red Mangalica mitochondrion, complete genome	MF183223	0.381129
Sus scrofa isolate Russia_W1 mitochondrion, complete genome	KX982629	0.381129
Sus scrofa breed Chinese Zhong Meishan mitochondrion, complete genome	AF486855	0.381129

Analysis: forward journal.csv

Metric	Value
Total Records	468
Normal Results	467
Anomalous Results	1
Anomaly Percentage	0.2%

Anomaly Groups

Species Group	Count	Percentage
Sus celebensis	1	100.0%

Sample Anomalies

Species Group	Count	Sample Title	Accession
Sus celebensis	1	Sus celebensis mitochondrion, complete genome	NC_024860

Normal Results Sample

Title	Accession	E-value
Sus scrofa isolate Banda11 mitochondrion, complete genome	PP763966	1.32994
Sus scrofa domesticus mitochondrion, complete genome	ON715893	1.32994
Sus scrofa breed Red Mangalica mitochondrion, complete genome	MF183223	0.0312772
Sus scrofa domesticus mitochondrion, complete genome	NC_012095	0.0312772
Sus scrofa breed Chinese Meishan mitochondrion, partial genome	AF304200	1.32994

Cross-File Anomaly Patterns

Species Group	Total Occurrences
Panthera leo	42
Pedioplanis gaerdesi	32
Panthera spelaea	28
Panthera pardus	23
Pedioplanis branchi	18
Liolaemus silvai	18
Liolaemus carezzae	7
Neofelis nebulosa	5
Liolaemus zapallarensis	5
Pedioplanis inornata	4