

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/0a05YZSknD

Detailed File Analysis

Input Sequence Name	Total	Normal	Anomalies	Anomaly %
reverse journal.	711	479	232	32.6%
forward journal.	468	467	1	0.2%

Analysis: reverse journal.

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%
Panthera pardus	23	9.9%
Pedioplanis branchi	18	7.8%
Liolaemus silvai	18	7.8%
Liolaemus carezzae	7	3.0%
Neofelis nebulosa	5	2.2%
Liolaemus zapallarensis	5	2.2%
Pedioplanis inornata	4	1.7%
Gekko petricolus	4	1.7%
Cryptoprocta ferox	3	1.3%
Anolis loysiana	3	1.3%
Liolaemus pictus	2	0.9%
Stiphodon pelewensis	2	0.9%
Gekko boehmei	2	0.9%
Stiphodon tuivi	2	0.9%
Eirenis aurolineatus	1	0.4%
Liolaemus araucaniensis	1	0.4%
Liolaemus petrophilus	1	0.4%
Liolaemus incaicus	1	0.4%
Liolaemus schroederi	1	0.4%
Charina trivirgata	1	0.4%
Liolaemus gracilis	1	0.4%
Liolaemus puna	1	0.4%
Liolaemus chiliensis	1	0.4%
Sus celebensis	1	0.4%

Species Group	Count	Percentage
Liolaemus capillitas	1	0.4%
Babyrousa babyrussa	1	0.4%
Liolaemus cf	1	0.4%
Leopardus pardalis	1	0.4%
Liolaemus hernani	1	0.4%
Cylindrophis maculatus	1	0.4%
Liolaemus robertmertensi	1	0.4%
Liolaemus septentrionalis	1	0.4%
Diploglossus delasagra	1	0.4%
Stenocercus humeralis	1	0.4%
Stenocercus formosus	1	0.4%
Diploglossus lessonae	1	0.4%
Stenocercus imitator	1	0.4%
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 flavimaritus	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 Banda18 mitochondrion, complete genome	PP763973	0.381129

Title	Accession	E-value
Sus scrofa isolate Vietnam_VNF50 mitochondrion, complete genome	KX982639	0.381129
Sus scrofa breed Chenghua pig mitochondrion, complete genome	KP765603	0.381129
Sus scrofa breed Duroc mitochondrion, complete genome	MF183225	0.381129
Sus scrofa isolate Nanyang59 mitochondrion, complete genome	MK858176	0.381129

Analysis: forward journal.

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 domesticus mitochondrion, complete genome	ON706057	1.32994
Sus scrofa breed Laiwu Black pig mitochondrion, complete genome	KJ720205	1.32994
Sus scrofa isolate myw4 mitochondrion, complete genome	EF545592	1.32994
Sus scrofa breed Shaziling mitochondrion, complete genome	KF472177	1.32994
Sus scrofa mitochondrion, partial genome	OL547476	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