

# 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/shsReekCs

## 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
<i>Liolaemus capillitas</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%
<i>Stenocercus roseiventris</i>	1	0.4%
<i>Pseudochirulus forbesi</i>	1	0.4%
<i>Ptyas dhumnades</i>	1	0.4%
<i>Stenocercus marmoratus</i>	1	0.4%
<i>Pammene gallicana</i>	1	0.4%
<i>Zea mays</i>	1	0.4%
<i>Gekko flavimarginatus</i>	1	0.4%
<i>Stiphodon elegans</i>	1	0.4%
<i>Haemodracon trachyrhinus</i>	1	0.4%

### Sample Anomalies

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

### Normal Results Sample

Title	Accession	E-value
Sus scrofa breed Lu chuan mitochondrion, complete genome	KJ737423	0.381129

Title	Accession	E-value
Sus scrofa breed Longlin mitochondrion, complete genome	KM433673	0.381129
Sus scrofa isolate MB3M mitochondrion, complete genome	MG250552	0.381129
Sus scrofa isolate Russia_W1 mitochondrion, complete genome	KX982629	0.381129
Sus scrofa isolate wb11349 mitochondrion, complete genome	EF545569	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 taiwanensis mitochondrion, complete genome	NC_014692	1.32994
Sus scrofa breed Jeuma pig mitochondrion, complete genome	KP223728	1.32994
Sus scrofa mitochondrion, complete genome	ON060839	1.32994
Sus scrofa mitochondrion, partial genome	OL547471	1.32994
Sus scrofa isolate Nicobari1 mitochondrion, complete genome	PP763986	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