

Sus scrofa BLAST Anomaly Report

Generated on: 2025-11-08 19:16:45

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/x6g8wFDAIP

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 isolate ManipuriBlack3 mitochondrion, complete genome | PP763938 | 0.381129 |

| Title | Accession | E-value |
|--|-----------|----------|
| Sus scrofa isolate Vietnam_VNF08 mitochondrion, complete genome | KX982637 | 0.381129 |
| Sus scrofa isolate huzu4 mitochondrion, complete genome | EF545588 | 0.381129 |
| Sus scrofa domesticus isolate Niang Megha 1 mitochondrion, complete genome | MZ703185 | 0.381129 |
| Sus scrofa breed Ningxiang mitochondrion, complete genome | KF472178 | 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 isolate Banda12 mitochondrion, complete genome | PP763967 | 1.32994 |
| Sus scrofa isolate T3 mitochondrion, complete genome | KC493609 | 1.32994 |
| Sus scrofa isolate JNP10 mitochondrion, complete genome | DQ334861 | 1.32994 |
| Sus scrofa mitochondrion, partial genome | OL547476 | 1.32994 |
| Sus scrofa isolate tunchang7082 mitochondrion, complete genome | MG250558 | 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 |