



PubMed Nucleotide Protein Genome Structure PMC Taxonomy OMIM

Search for

Show:

☐ 1: L78809. *Struthio camelus* ...[gi:17467162][Links](#)

LOCUS SRQMTCYTBA 924 bp DNA linear VRT 10-DEC-2001

DEFINITION *Struthio camelus* cytochrome b (cytb) gene, partial cds; mitochondrial gene for mitochondrial product.

ACCESSION L78809

VERSION L78809.1 GI:17467162

KEYWORDS cytochrome b.

SOURCE mitochondrion *Struthio camelus* (ostrich)

ORGANISM [Struthio camelus](#)
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Archosauria; Aves; Palaeognathae; Struthioniformes; Struthionidae; Struthio.

REFERENCE 1 (bases 1 to 924)

AUTHORS Alvarez Tejado,M., Martinez Laso,J., Garcia De La Torre,C. and Arnaiz-Villena,A.

TITLE Phylogenetic relationship of birds based on cytochrome b DNA sequence

JOURNAL Unpublished

FEATURES

	Location/Qualifiers
source	1..924 /organism="Struthio camelus" /organelle="mitochondrion" /mol_type="genomic DNA" /isolate="c/1c2" /db_xref="taxon:8801" /clone="STCAM C/1C2" /cell_type="erythrocyte and lymphocyte" /tissue_type="blood"
gene	1..924 /gene="cytb"
CDS	<1..>924 /gene="cytb" /note="putative" /codon_start=1 /transl_table=2 /product="cytochrome b" /protein_id=" AAL40110.1 " /db_xref="GI:17467163" /translation="FGSLLGICLITQILTGLLLAMHYTADTTLAFSSVAHTCRNVQYG WFIRNLHANGASFFFCIYLHIGRGLYYGSYLYKETWNTGVILLTLMTAFVGYVLP WGQMSFWGATVITNLFSAIPYIGQTLLEWAWGGFSDNPTLTRFFALHFLLPFVIAGI TLVHLTFLHESGSNNPLGIISHCDKIPFHPYFSLKDILGFTLMFIPLLSLAFFSPNLL GDPENFTPANPLATPPHIKPEWYFLFAYAILRSIPNKLGGVLLAASVLILFLIPLLLH KSKQRSMTFRPLSQLLFWFLVANLLILTWIGS"

BASE COUNT 244 a 310 c 126 g 244 t

ORIGIN

```
1 tttggatcac tactaggaat ttgcctaatt acccaaattc taacagggct cctactagcc
61 atacattaca cagccgacac tacactagca ttctcatccg tcgcccacac atgccggaac
121 gtacagtacg gatgatttat ccgcaatctc catgcaaacg gcgcatacct cttcttcac
181 tgtatttacc tacacattcg ccgaggactc tactatggct cttacctcta taagaaaccc
241 tgaaacaccg gcgttatcct cctactaaca ttaatagcaa ctgcatttgt aagttatgtc
301 ctgcoctgag gacaaatata attctggggc gctactgtca tcacaaacct attctcagcc
361 atcccctaca tcggacaaac cctattagag tgggcctgag gcggattctc agttgacaac
```

```
421 cccaccctaa caccgattctt tgcccttcac ttcctcctcc catttgtaat cgctggcatc
481 accctgggtac atctcacatt cctgcatgaa tcaggatcaa acaaccccct cggaatcatc
541 tctcactgcg acaaaatccc ctccaccca tacttctcct taaaagatat cctaggcttt
601 acgctaatat tcatccccct actatcccta gcattcttct cgcccaacct cctcggagat
661 ccagaaaact tcacccccgc aaacccccta gccacgcctc cccatatcaa gcccgatga
721 tacttctat ttgcatacgc catcctacgc tccatcccca ataaattagg aggtgtactt
781 gccttagcgc cctcgcgtct aatcctattc ctaatcccac tcctgcacaa atctaaacaa
841 cgttcaataa cattccgccc actctcacia ttattattct gatttctagt ggcaaacct
901 ctcatcctaa catgaatcgg cagc
```

//

[Disclaimer](#) | [Write to the Help Desk](#)
[NCBI](#) | [NLM](#) | [NIH](#)

Aug 6 2003 13:17:41