

☐ NCBI

☐ Nucleotide banner

Entrez PubMed Nucleotide Protein Genome Structure PMC Taxonomy

Search for

[Limits](#) [Preview/Index](#) [History](#) [Clipboard](#) [Details](#)

Show:

☐ 1: [D84203](#). *Ovis musimon* mito...[gi:1256199] [Links](#)

LOCUS SHPMTCBC 1140 bp DNA linear MAM 08-APR-2000
DEFINITION *Ovis musimon* mitochondrial DNA for cytochrome b, complete cds.

ACCESSION D84203

VERSION D84203.1 GI:1256199

KEYWORDS cytochrome b.

SOURCE mitochondrion *Ovis aries musimon* (mouflon)

ORGANISM [Ovis aries musimon](#)

Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Cetartiodactyla; Ruminantia; Pecora; Bovidae;
Caprinae; *Ovis*.

REFERENCE 1 (sites)

AUTHORS Arai,K., Munechika,I., Ito,I., Kikkawa,A., Kanazawa,T. and
Kosugiyama,M.

TITLE Phylogenetic relationship of Caprinae estimated by cytochrome b
gene sequence analysis

JOURNAL Unpublished

REFERENCE 2 (bases 1 to 1140)

AUTHORS Arai,K.

TITLE Direct Submission

JOURNAL Submitted (22-MAR-1996) Katsumi Arai, Ibaraki University, Faculty
of Agriculture; Chuo 3-chome, Ami-machi, Ibaraki-ken 300-03, Japan
(Tel:0298-87-1961, Fax:0298-88-8525)

FEATURES Location/Qualifiers

source

1..1140

/organism="Ovis aries musimon"

/organelle="mitochondrion"

/mol_type="genomic DNA"

/sub_species="musimon"

/db_xref="taxon:9938"

/tissue_type="liver"

[CDS](#)

1..1140

/codon_start=1

/evidence=not_experimental

/transl_table=2

/product="cytochrome b"

/protein_id="BAA12253.1"

/db_xref="GI:1256200"

/translation="MINIRKTHPLMKIVNNAFIDLPA PSNISSWWNFGSLLGICLILQ
ILTGLFLAMHYTPDTTAFSSVTHICRDVNYGWIIRYMHANGASMFFICLFMHVGRGL
YYGSYTFLETWNIGVILLFATMATAFMGYVLPWGQMSFWGATVITNLLSAIPYIGTNL
VEWIWGGFSVDKATLTRFFAFHFIFPFIIAALAMVHLLFLHETGSNNPTGIPSDTDKI
PFHPYYTIKDILGAILLILTLMLLVLFPTDLLGDPDNYTPANPLNTPPHIKPEWYFLF
AYAILRSIPNKLGGVLALILSILVLVIMPLLHTSKQRSMMFRPISQCMFWILVADLLT
LTWIGGQPVEHPYIIIGQLASIMYFLIILVMMPVASIENNLLKW"

ORIGIN

```
1 atgatcaaca tccgaaaaac ccaccacta ataaaaattg taaacaacgc attcattgat
61 ctcccagctc catcaaatat ttcattcatg tgaaactttg gctctctcct aggcatttgc
121 ttaattttac agattctaac aggcctattc ctagcaatac actatacacc tgacacaaca
181 acagcattct cctctgtaac ccacatttgc cgagacgtga actatggctg aattatccga
241 tatatacacg caaacggggc atcaatatat tttatctgcc tatttatgca tgtaggacga
301 ggccataact atggatcata taccttccta gaaacatgaa acatcggagt aatcctccta
361 tttgcgacaa tagccacagc attcataggc tatgttttac catgaggaca aatatcattc
421 tgaggagcaa cagttattac caacctcctt tcagcaattc catatatattg cacaaaccta
```

```
481 gtcgaatgaa tctggggagg attctcagta gacaaagcta ccctcacccg atttttcgcc
541 tttcacttta ttttcccatt catcatcgca gccctcgcca tagttcacct actcttcctc
601 cacgaaacag gatccaacaa cccacagga attccatcgg acacagataa aattcccttc
661 cacccttatt acaccattaa agacatccta ggtgctatcc tactaatcct caccctcatg
721 ctactagtac tattcacgcc tgacttactc ggagacccag acaactacac ccagcaaac
781 ccaacttaaca ctccccctca catcaaacct gaatgatact tcctatttgc gtacgcaatc
841 ttacgatcaa tccctaataa actaggagga gtcctcgccc taatcctctc aatcctagtc
901 ctagtaatta taccctcct ccatacatca aagcaacgga gcataatatt ccgaccaatc
961 agtcaatgta tattctgaat cctagtagcc gacctattaa cactcacatg aattggaggc
1021 cagccagttg aacacccta catcattatt ggacaactag catctattat atatttcctt
1081 atcattctag tcataatacc agtagctagc atcatcgaaa acaacctcct aaaatgaaga
```

//

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

Sep 20 2004 06:46:12