

<http://www.ncbi.nlm.nih.gov/nucore/AJ697884.1>

## Sus scrofa partial CYP2E1 gene for cytochrome p450 2E1, exon 9 and partial CDS

GenBank: AJ697884.1

[FASTA Graphics](#)

[Go to:](#)

LOCUS AJ697884 1211 bp DNA linear MAM 14-NOV-2006

DEFINITION Sus scrofa partial CYP2E1 gene for cytochrome p450 2E1, exon 9 and

partial CDS.

ACCESSION AJ697884

VERSION AJ697884.1 GI:51465029

KEYWORDS CYP2E1 gene; cytochrome p450 2E1.

SOURCE Sus scrofa (pig)

ORGANISM [Sus scrofa](#)

Eukaryota; Metazoa; Chordata; Craniata; Vertebrata;

Euteleostomi;

Mammalia; Eutheria; Laurasiatheria; Cetartiodactyla; Suina;

Suidae;

Sus.

REFERENCE 1

AUTHORS Skinner,T.M., Doran,E., McGivan,J.D., Haley,C.S. and Archibald,A.L.

TITLE Cloning and mapping of the porcine cytochrome-p450 2E1 gene and its

association with skatole levels in the domestic pig

JOURNAL Anim. Genet. 36 (5), 417-422 (2005)

PUBMED [16167985](#)

REFERENCE 2 (bases 1 to 1211)

AUTHORS Skinner,T.M.

TITLE Direct Submission

JOURNAL Submitted (20-APR-2004) Skinner T.M., Genomics and Genetics, Roslin

Institute, Midlothian, EH25 9PS, UNITED KINGDOM

FEATURES Location/Qualifiers

source 1..1211

/organism="Sus scrofa"

/mol\_type="genomic DNA"

[gene](#) /db\_xref="taxon:[9823](#)"  
/chromosome="14"  
/clone="343I04"  
/clone\_lib="RPCI-44"  
<1..1010  
/gene="CYP2E1"  
[intron](#) <1..615  
/gene="CYP2E1"  
/number=8  
[mRNA](#) <616..1010  
/gene="CYP2E1"  
[exon](#) 616..1010  
/gene="CYP2E1"  
/number=9  
[CDS](#) <616..809  
/gene="CYP2E1"  
/codon\_start=3  
/product="cytochrome p450 2E1"  
/protein\_id="[CAG27005.1](#)"  
/db\_xref="GI:51465030"  
/db\_xref="GOA:[Q68VB2](#)"  
/db\_xref="InterPro:[IPR001128](#)"  
/db\_xref="UniProtKB/TrEMBL:[Q68VB2](#)"

/translation="GKRVCVGEGGLARMELFLFMAAILQHFNLKSLVDPKDIDLSPIAI  
GFAKIPPHYKLCVIPRSQV"

ORIGIN

```
1 ctggtcagag aagctaagtg acatctctnt caggaagtct ctgggaatgg gctgagggtg
61 agttattctt tccttagata gttcacttcg ttcagggnta aaactcttta ttaatagaa
121 cttagtghaa atctttcaaa agcttattat gtaattctcc ataagttaa acaagggtcc
181 caagcagaag ctaatgtttg gttacctgga ctcaccgtag gaccatctga cctcccagc
241 ccttggctgc cctcccaggg ccttccctta gatatgggtg tgagggcaga tctgtaagca
301 agtcgaaaat gttcacagcc aacacaagag cactggcttc cacctggggc cccctacttt
361 cccatagggc atcaggcttn tcccacccta gcacagctta tgcattgagt cgggtggct
421 gaggctgtgt gaaggctggt ccctgaacac acatgctggt gacactctta caccaagacc
481 cactctgggc tcctttcaa caggcagaca gaggccactc tgcttaggtg gatggtttac
541 acatggcctc ctcccacca tctctcccct gctgtatctc ctgaggtagc atntcatcag
601 tgctgttgtc ccctccagga aagcgggtgt gtgtcggaga gggcctggct cgcattggaac
661 tgctcctggt catggctgcc atcttgcagc actttaactt gaaatctctt gttgaccca
721 aggatatcga cctcagcccc atcgcgattg ggtttgccaa gattcccccc cattacaaac
781 tctgtgtcat tccccgctca caagtgtgag ggagatgtgc tctaaaggcc ctggttcctt
841 gatgctgacc tggaggcctc ctgtccccag tgtccccaca gggagcgcag cccgggctcc
901 ataggaaatc aaatgggcca gtgaagctgc ttccagcca catccttcag atagaatttg
961 aaagcaaagt ccaaaaaaga ttttgtacaa tcaattaaag taagtaaagc taaccatgtc
```

1021 ttagtttgag tctgtggtgg gttcctagaa accatgatga gtaggaacat gtcctggag  
1081 gttaactaa actcttctga aaaagtagag tttggatc agagtcaatg tatctgataa  
1141 aggttcaca aaaagagtac agacactctt ttgctgttg gaaatcaaag aatccgttg  
1201 aggacttggt a

//