

Nucleotide

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Homo sapiens BRCA1 (BRCA1) gene, complete cds; ribosomal protein L21-like protein (rpL21) pseudogene, complete sequence; Rho7 (Rho7) and Vatl (Vatl) genes, complete cds; and unknown (ifp35) gene, exons 1 through 3 and partial cds

GenBank: L78833.1

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LOCUS L78833 117143 bp DNA linear PRI 12-OCT-2005

DEFINITION Homo sapiens BRCA1 (BRCA1) gene, complete cds; ribosomal protein L21-like protein (rpL21) pseudogene, complete sequence; Rho7 (Rho7) and Vatl (Vatl) genes, complete cds; and unknown (ifp35) gene, exons 1 through 3 and partial cds.

ACCESSION L78833

VERSION L78833.1 GI:1698398

KEYWORDS .

SOURCE Homo sapiens (human)

ORGANISM [Homo sapiens](#)
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Euarchontoglires; Primates; Haplorrhini; Catarrhini; Hominidae; Homo.

REFERENCE 1 (bases 1 to 117143)

AUTHORS Smith,T.M., Lee,M.K., Szabo,C.I., Jerome,N., McEuen,M., Taylor,M., Hood,L. and King,M.C.

TITLE Complete genomic sequence and analysis of 117 kb of human DNA containing the gene BRCA1

JOURNAL Genome Res. 6 (11), 1029-1049 (1996)

PUBMED [8938427](#)

COMMENT GSDB:S:76287.
Characterization of an aberrant BRCA1 cDNA clone in the original report (Miki, 1994) led to the misidentification of an inserted Alu element as exon 4. Not normally found in BRCA1 transcripts, insertion of this Alu would lead to introduction of a STOP codon. Hence, BRCA1 exons and introns are numbered 1a, 1b, 2, 3, 5, 6, etc.

FEATURES

source Location/Qualifiers

1..117143

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/db_xref="taxon:9606"

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[gene](#) 3344..84436

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[exon](#) 3344..3464

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[intron](#) 3465..4619

/gene="BRCA1"

/note="intron 1a; putative"

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Basic Features

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Gene, RNA, and CDS features only

Features added by NCBI

13 conserved domains

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[Homo sapiens BRCA1 \(BRCA1\) gene, complete cds; riboso](#) Nucleotide

[smith brca1 1996 \(27\)](#) Nucleotide

[smith brca1 \(2079\)](#)

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GETTING STARTED	RESOURCES	POPULAR	FEATURED	NCBI INFORMATION
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NCBI Handbook	DNA & RNA	PubMed Central	GenBank	NCBI News
Training & Tutorials	Domains & Structures	PubMed Health	Reference Sequences	NCBI FTP Site
	Genes & Expression	BLAST	Gene Expression Omnibus	NCBI on Facebook
	Genetics & Medicine	Nucleotide	Map Viewer	NCBI on Twitter
	Genomes & Maps	Genome	Human Genome	NCBI on YouTube
	Homology	SNP	Mouse Genome	
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	Proteins	Protein	Primer-BLAST	
	Sequence Analysis	PubChem	Sequence Read Archive	
	Taxonomy			
	Training & Tutorials			
	Variation			

