

FGENESH 2.0 Prediction of potential genes in Homo_sapiens

genomic DNA

Time : Fri Nov 21 07:05:35 2003

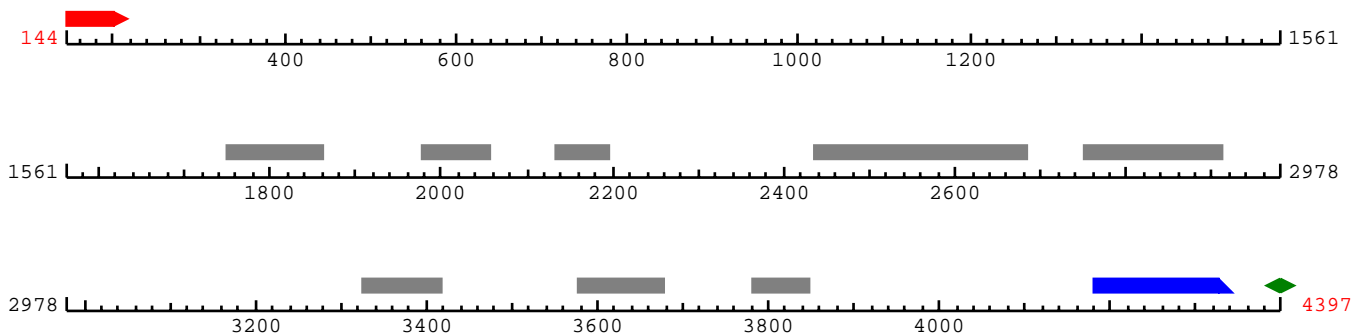
Seq name: HS307871

Length of sequence: 4514

Number of predicted genes 1 in +chain 1 in -chain 0

Number of predicted exons 10 in +chain 10 in -chain 0

■ CDS1 ▶ CDSf ▼ TSS ■ CDSi ◆ PolA



Positions of predicted genes and exons:

G	Str	Feature	Start	End	Score	ORF	Len				
1	+	1	CDSf	144	-	214	1.65	144	-	212	69
1	+	2	CDSi	1748	-	1860	4.88	1749	-	1859	111
1	+	3	CDSi	1976	-	2055	6.13	1978	-	2055	78
1	+	4	CDSi	2132	-	2194	6.46	2132	-	2194	63
1	+	5	CDSi	2434	-	2682	2.94	2434	-	2682	249
1	+	6	CDSi	2749	-	2910	10.64	2749	-	2910	162
1	+	7	CDSi	3324	-	3416	7.44	3324	-	3416	93
1	+	8	CDSi	3576	-	3676	11.26	3576	-	3674	99
1	+	9	CDSi	3780	-	3846	0.13	3781	-	3846	66
1	+	10	CDSl	4179	-	4340	14.60	4179	-	4340	162
1	+	PolA	4397			1.13					

Predicted protein(s):

>FGENESH:[mRNA] 1 10 exon (s) 144 - 4340 1161 bp, chain +
atgagtcagctggcgcgaccgcggacagagcttcccaccacgccccttccccgcctttggc
cagcctttgccacctcagggttttccggagctgaagaatgacacattcctgcgagcagcc
tggggagaggaacagactacactcccgtttggtgcatgcgccagggcagggcgttactta
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cgtctgcttcgacagaactga

>FGENESH: 1 10 exon (s) 144 - 4340 386 aa, chain +
MSQLARPRTELPTTFFPAFGQPLPPQGFPELKNDFLRAAWGEETDYTPVWCMRQAGRYL
PEFRETRAAQDFSTCRSPEACCELTLQPLRRFLLDAAIIFSDILVVPQALGMEVTMVP
KGPSFPEPLREEQDLERLRDPEVVASELGYVFQAITLTRLRQLAGRVPLIGFAGAPVMWDR
AGTRGAGRSLWKWTLMTYMVEGGSSSTMAQAKRWLYQRPQASHQLLRILTDALVPYLVGQ
VVAGAQLFNKFALPYIRDVAKQVKARLREAGLAPVPMIIFAKDGHFALEELAQAQGYEVVG
LDWTVAPKKARECVGKTVTLQGNLDPICALYASEEEIGQLVKQMLDDFGPHRYIANLGHGL
YPDMDPEHVGAFFVDAVHKHSRLLRQN