BLAST Results

Questions/comments

Blast 2 sequences

Job title: NP_003246.1 metalloproteinase inhibitor 2...

RID <u>16AAAS4Z114</u> (Expires on 12-15 10:53 am)

Query ID lcl|Query_163511

Description NP 003246.1 metalloproteinase inhibitor

2 precursor [Homo sapiens]

Molecule type amino acid

Query Length 220

Subject ID lcl|Query_163513

Description AAH49126.1 Timp2 protein [Mus

musculus]

▶ <u>See details</u>

Molecule type amino acid

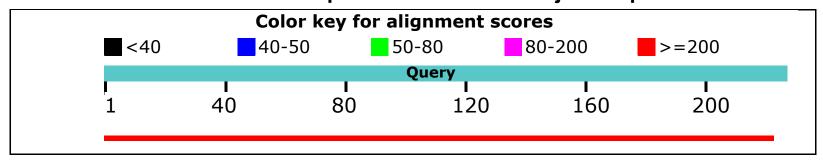
Subject Length 220

Program BLASTP 2.8.1+

New Analyze your query with <u>SmartBLAST</u>

□ Graphic Summary

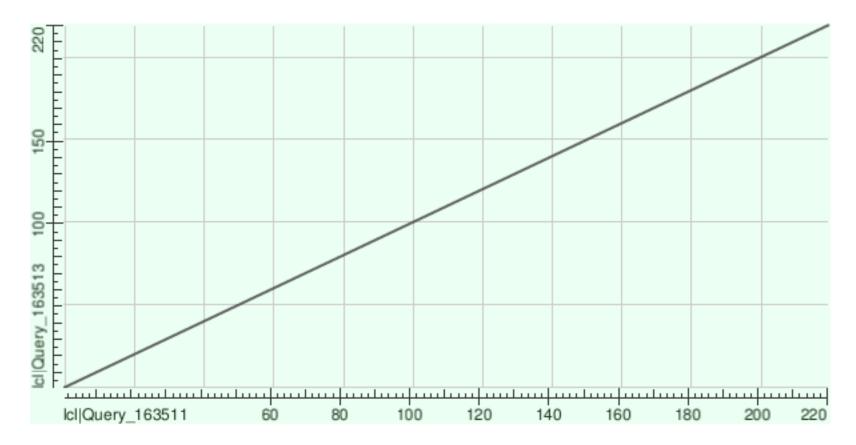
Distribution of the top 1 Blast Hits on 1 subject sequences





Plot of Icl|Query_163511 vs Icl|Query_163513

▶ [?]



□ <u>Descriptions</u>

Sequences producing significant alignments:

Description	Max score	Total score	Query	E value	Ident	Accession
AAH49126.1 Timp2 protein [Mus musculus]	453	453	100%	1e-169	98%	Query_163513

■ Alignments

AAH49126.1 Timp2 protein [Mus musculus]

Sequence ID: Query_163513 Length: 220 Number of Matches: 1

Range 1: 1 to 220

Score		Expect	Method	Identities	Positives	Gaps	Frame
453 bits(1165)	1e-169()	Compositional matrix adjust.	216/220(98%)	219/220(99%)	0/220(0%)	
Features	:						
Query	1		TLRLALGLLLLATLLRPADACS				
Sbjct	1		R+LRLALGLLLLATLLRPADACS RSLRLALGLLLLATLLRPADACS				
Query	61		KRIQYEIKQIKMFKGPEKDIEF				
Sbjct	61		KRIQYEIKQIKMFKGP+KDIEF KRIQYEIKQIKMFKGPDKDIEF				
Query	121		CDFIVPWDTLSTTQKKSLNHRYCDFIVPWDTLS TOKKSLNHRY				
Sbjct	121		CDFIVPWDTLS TOKKSLNHRY				
Query	181		QAKFFACIKRSDGSCAWYRGAA QAKFFACIKRSDGSCAWYRGAA				
Sbjct	181		IQAKFFACIKRSDGSCAWIRGAA IQAKFFACIKRSDGSCAWIRGAA				



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