

Input Sequence

AnalysisUploadDownloadDEMO

Insert your sequences in FASTA format

example
Genetic Code No.1

START

2

Cloud CATHELP ▾NCBI: The Genetic CodeID: 11114

A cloud application for analysis and visualization of molecular sequence composition.

Input Sequence

Result

User's Data.
You have 3 records.

COMPLETE

ID	Length (bp)	GC (%)	CHECK
b0003	930	56.45	<input type="checkbox"/>
b0001	63	52.38	<input type="checkbox"/>
b0002	2460	53.09	<input type="checkbox"/>

Select records you want to delete.

DELETE

Please press the up and down button on the fig to go for your next sequence.

Figure size: SMALLLARGE

Pendulum modelPartition

uid59291

Type: AA

Name: Lysine

Usage: 8.817%

b0003

Type: Base3

Name: Pyrimidine

Usage: NA

Sequence Profile

Other Information

Amino Acid Information

RSCU

Cosine Similarity

Pro-diversity

NC_009092

Type: Name

Info:

A^{1st}T^{1st}G^{1st}C^{1st}

A^{2nd}A^{1st}T^{1st}G^{1st}C^{1st}

T^{2nd}A^{1st}T^{1st}G^{1st}C^{1st}

G^{2nd}A^{1st}T^{1st}G^{1st}C^{1st}

C^{2nd}A^{1st}T^{1st}G^{1st}C^{1st}

1

3

4

5

7

8

6

Amino Acid Information

Information on the amino acid:
Arginine (R)

Structure: NC(=O)C[C@H](N)CCCNC(=O)O

Side_chain Polarity: Basic polar
Atomic Mass: 174.20 g mol⁻¹

