

Graphical Codon Usage Analyser

“each triplet position vs. usage table”

sequencename histatin-3 → ime zaporedja (poljubno)

originating organism Homo_sapiens → izvorni organizem

sequence ATGAACTTTCCTTTCTTAAATCTTGGCTCTCATGCTTCCATGACTCAGCGTATTACATCAAAAGACATCATGGCTATAAAAGAAAATTCCATGAAAGCATCATTCACATCGGCATAGATCAAATTATCTGTATGAAATTGA → zaporedje (SAMO KODIRAJOČA REGIJA)

color options Threshold 1: Few used codons highlight codons used less than 20 % in grey → obarvanost za frekvenco < 20 %
Threshold 2: Very few used codons highlight codons used less than 10 % in red → obarvanost za frekvenco < 10 %
display non highlighted codons in black → organizem, za katerega analiziramo rabo kodonov

Codon usage table to apply Escherichia_coli_K12 → organizem, za katerega analiziramo rabo kodonov
if organism not listed, select "http://url" and paste url in textbox below - select box overrides given http_url
http://www.kazusa.or.jp ...

new in version 2.0 → relative adaptiveness read more...
read more... → frequency (like in gcua version 1.0)

outputformat html →

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reset submit 8+1

Webcutter

Iskanje restriktijskih mest – razvrstitev unikatnih mest po mestu rezanja

Please enter a title for this sequence:
pIMPOA → ime zaporedja (poljubno)

Paste the DNA sequence into the box below
TGTGACTGGTGA... → zaporedje

Please select the type of analysis you would like
 Linear sequence analysis
 Circular sequence analysis
 Find sites which may be introduced by silent mutagenesis → tip zaporedja/analize (linearna ali krožna DNA)

Please indicate how you would like the restriction sites displayed
 Map of restriction sites
 Table of sites, sorted alphabetically by enzyme name
 Table of sites, sorted sequentially by base pair number → rezultat naj bo tabela restriktijskih mest, razvrščenih po lokaciji v zaporedju

Please indicate which enzymes to include in the display
 All enzymes
 Enzymes not cutting
 Enzymes cutting once
 Enzymes cutting exactly times
 Enzymes cutting at least times, and at most times
 Rainbow polylinker → upoštevamo le tiste restriktaze, ki znotraj danega zaporedja režejo zgolj 1x

Please indicate which enzymes to include in the analysis
 All enzymes in the database
 Only enzymes with recognition sites equal to or greater than bases long → upoštevamo le tiste restriktaze, katerih prepoznavno mesto je dolgo najmanj 6 bp

Only the following enzymes:
AatI
AatII
Acc113I
Acc16I
Acc65I
Use the command, control, or shift key to select multiple entries

