EMBOSS CpGPlot/CpGReport/Isochore

RRID:SCR_007254
Type: Tool

Proper Citation

EMBOSS CpGPlot/CpGReport/Isochore (RRID:SCR_007254)

Resource Information

URL: http://www.ebi.ac.uk/Tools/emboss/cpgplot/indexhtml

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Description: This portal allows for the detection of regions of genomic sequences that are rich in the CpG pattern is important because such regions are resistant to methylation and tend to be associated with genes which are frequently switched on. Regions rich in the CpG pattern are known as CpG islands. The function of the program cpgplot is to plot CpG rich areas, and cgreport to report all CpG rich regions. The nuclear genomes of vertebrates are mosaics of isochores, very long stretches of DNA that are homogeneous in base composition and are compositionally correlated with the coding sequences that they embed. Isochores can be partitioned in a small number of families that cover a range of GC levels. Program isochrome plots GC content over a sequence. Sponsors: This resource is supported by European Bioinformatics Institute. Keywords: Software, Plotting, Pattern, CpG, Gene, Function, Isochore, DNA, Genome, Homogeneous, Coding, Sequence, Family, Sequencing,

Synonyms: EMBOSS

Resource Type: portal, data or information resource, topical portal

Resource Name: EMBOSS CpGPlot/CpGReport/Isochore

Resource ID: SCR_007254

Alternate IDs: nif-0000-30268

Ratings and Alerts

No rating or validation information has been found for EMBOSS
CpGPlot/CpGReport/Isochore.

No alerts have been found for EMBOSS CpGPlot/CpGReport/Isochore.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 5 mentions in open access literature.

Listed below are recent publications. The full list is available at RRID.


