

The objective digital stain method

The objective digital stain method. (a) shows the promoter sequence of a gene and the contents of the first sliding window. (b) indicates the computation method for the information content on the current sliding window. (c) indicates the CG% content on the current sliding window. (d) Shows an objective digital stain (ODS) - a chart on which dots/lines are plotted using the values from a and b. For sufficiently long sequences the set of dots/lines form a characteristic pattern/shape which is particular to the sequence taken into consideration. (e-g) shows different embodiments of the ODS, resulting from various graphical representations of a "point" on the image. Note that there is no special position from which the first dot/line can start. It all depends on the content of the sliding windows.

