

Information on Search Strategy - Pilot phase (see OJ 2015, A86)

The type of information contained in this sheet may change during the pilot for improving the usefulness of this new service.

Application Number

PCT/IB2019/059139

TITLE: SYSTEM AND METHOD FOR PROMOTER PREDICTION IN HUMAN GENOME

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IPC CLASSIFICATION: G16B20/30, G16B40/20, G06N3/04

EXAMINER: Thumb, Werner

CONSULTED DATABASES: NPL

CLASSIFICATION SYMBOLS DEFINING EXTENT OF THE SEARCH:

IPC:

CPC: G16B20/30, G16B40/20, G06N3/0454

FI/F-TERMS:

KEYWORDS OR OTHER ELEMENTS FEATURING THE INVENTION:

deep neural networks for classifying promoter regions in a genome sequence. the network is trained using known sequence data including eukaryotic genomic sequences, using positive and negative sets. false positives detected are included in the negative set in iterative training procedures until the number of new false positives falls below a certain threshold.