Resource Summary Report

Generated by NIF on Apr 21, 2025

kmer-SVM

RRID:SCR_010882
Type: Tool

Proper Citation

kmer-SVM (RRID:SCR_010882)

Resource Information

URL: http://kmersvm.beerlab.org/

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Description: A webserver built on the Galaxy framework that enables the mining of sequence data for transcription factor binding sites. This tool suite was designed to aid in analysis of next-generation sequencing (NGS) data that uses a support vector machine (SVM) with kmer sequence features to identify predictive combinations of short transcription factor binding sites which determine the tissue specificity of the original NGS assay. While you may use datasets already available from Galaxy, you can upload your data using the "Get Data" Tool. The tool can upload data from a variety of locations.

Abbreviations: kmer-SVM

Resource Type: service resource, data analysis service, analysis service resource, software resource, production service resource

Defining Citation: PMID:23771147

Keywords: bio.tools

Funding:

Availability: Acknowledgement requested

Resource Name: kmer-SVM

Resource ID: SCR_010882

Alternate IDs: OMICS_00484, biotools:kmer-svm

Alternate URLs: https://bio.tools/kmer-svm

Record Creation Time: 20220129T080301+0000

Record Last Update: 20250421T053837+0000

Ratings and Alerts

No rating or validation information has been found for kmer-SVM.

No alerts have been found for kmer-SVM.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 3 mentions in open access literature.

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

Cheung NKM, et al. (2017) Unlinking the methylome pattern from nucleotide sequence, revealed by large-scale in vivo genome engineering and methylome editing in medaka fish. PLoS genetics, 13(12), e1007123.

Kleftogiannis D, et al. (2016) Progress and challenges in bioinformatics approaches for enhancer identification. Briefings in bioinformatics, 17(6), 967.

Gurdziel K, et al. (2016) Computational prediction and experimental validation of novel Hedgehog-responsive enhancers linked to genes of the Hedgehog pathway. BMC developmental biology, 16, 4.