

Resource Summary Report

Generated by [NIF](#) on Aug 30, 2026

Spliceman

RRID:SCR_005354

Type: Tool

Proper Citation

Spliceman (RRID:SCR_005354)

Resource Information

URL: <http://fairbrother.biomed.brown.edu/spliceman/index.cgi>

Proper Citation: Spliceman (RRID:SCR_005354)

Description: An online tool that takes a set of DNA sequences with point mutations and returns a ranked list to predict the effects of point mutations on pre-mRNA splicing. The current implementation includes 11 genomes: human, chimp, rhesus, mouse, rat, dog, cat, chicken, guinea pig, frog and zebrafish.

Abbreviations: Spliceman

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

Defining Citation: [PMID:22328782](#)

Keywords: dna sequence, pre-mrna, splicing, pre-mrna splicing, point mutation, mutation, sequence variation, fasta

Availability: Free, Non-commercial, Commercial use requires license

Resource Name: Spliceman

Resource ID: SCR_005354

Alternate IDs: OMICS_02259

Record Creation Time: 20220129T080229+0000

Record Last Update: 20260829T182934+0000

Ratings and Alerts

No rating or validation information has been found for Spliceman.

No alerts have been found for Spliceman.

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 [NIF](#) .

He J, et al. (2021) Validation of the pathogenic role of rare DNAJC7 variants in Chinese patients with amyotrophic lateral sclerosis. *Neurobiology of aging*, 106, 314.e1.

Li L, et al. (2021) A Novel Homozygous VPS13B Splice-Site Mutation Causing the Skipping of Exon 38 in a Chinese Family With Cohen Syndrome. *Frontiers in pediatrics*, 9, 651621.

Lin Q, et al. (2019) A Novel Splice-Site Variation in COL5A1 Causes Keratoconus in an Indian Family. *Journal of ophthalmology*, 2019, 2851380.

Mattos EP, et al. (2015) Clinical and molecular characterization of a Brazilian cohort of campomelic dysplasia patients, and identification of seven new SOX9 mutations. *Genetics and molecular biology*, 38(1), 14.

Jian X, et al. (2014) In silico tools for splicing defect prediction: a survey from the viewpoint of end users. *Genetics in medicine : official journal of the American College of Medical Genetics*, 16(7), 497.