

Resource Summary Report

Generated by [RRID](#) on Aug 2, 2026

LaSSO

RRID:SCR_003418

Type: Tool

Proper Citation

LaSSO (RRID:SCR_003418)

Resource Information

URL: <https://github.com/dbitton/LaSSO>

Proper Citation: LaSSO (RRID:SCR_003418)

Description: An R script that creates a FASTA database containing all possible lariat signatures from a given set of introns.

Synonyms: Lariat Sequence Site Origin

Resource Type: software resource

Defining Citation: [PMID:24709818](#)

Keywords: standalone software, r, FASEB list

Availability: Free, Available for download, Freely available

Resource Name: LaSSO

Resource ID: SCR_003418

Alternate IDs: OMICS_04622

Record Creation Time: 20220129T080218+0000

Record Last Update: 20260801T190211+0000

Ratings and Alerts

No rating or validation information has been found for LaSSO.

No alerts have been found for LaSSO.

Data and Source Information

Usage and Citation Metrics

We found 157 mentions in open access literature.

Listed below are recent publications. The full list is available at [RRID](#) .

Hatamyar J, et al. (2025) Multidimensional vulnerability and financial risk protection in health in contexts of protracted conflict: Evidence from the Occupied Palestinian Territory. PloS one, 20(1), e0314852.

Yasheng P, et al. (2025) Web-based machine learning application for interpretable prediction of prolonged length of stay after lumbar spinal stenosis surgery: a retrospective cohort study with explainable AI. Frontiers in physiology, 16, 1542240.

Chen J, et al. (2025) Construction of a Prognostic Model Using RNA Processing Factor Genes and the Key Role of NSUN6 in Glioma Outcomes. Journal of cellular and molecular medicine, 29(12), e70668.

Ismail M, et al. (2025) Radiomic-based prognostic score for survival risk-stratification in pediatric medulloblastoma tumors: A multi-institutional study. Neuro-oncology advances, 7(1), vdaf107.

Ball BK, et al. (2025) Translational disease modeling of peripheral blood identifies type 2 diabetes biomarkers predictive of Alzheimer's disease. NPJ systems biology and applications, 11(1), 58.

Wu L, et al. (2025) Constructing a Pan-Cancer Prognostic Model via Machine Learning Based on Immunogenic Cell Death Genes and Identifying NT5E as a Biomarker in Head and Neck Cancer. Current issues in molecular biology, 47(10).

Gao L, et al. (2025) Identification and analysis of the endoplasmic reticulum stress hub genes in sepsis-associated ARDS. Scientific reports, 15(1), 31007.

Shapiro RE, et al. (2025) Factors and Reasons Associated with Hesitating to Seek Care for Migraine: Results of the OVERCOME (US) Study. Neurology and therapy, 14(1), 135.

Lee YS, et al. (2025) Development of a machine learning-based predictive nomogram for screening children with juvenile idiopathic arthritis: a pseudo-longitudinal study of 223,195 children in the United States. Frontiers in public health, 13, 1531764.

Black GP, et al. (2025) Comprehensive Nontargeted Analysis of Drinking Water Supplies to Identify Chemicals Associated with Estrogen Receptor Agonism or Present in Regions of Elevated Breast Cancer Occurrence. Environmental science & technology, 59(10), 5237.

Nguyen-Hoang N, et al. (2025) Development and Validation of a Clinical Prediction Model for Stages of Acute Kidney Injury in Critically Ill Patients. Kidney diseases (Basel, Switzerland), 11(1), 226.

Guan B, et al. (2025) MRI-based habitat analysis of vascular and nerve invasion in the tumor microenvironment: an advanced approach for prostate cancer diagnosis. *Frontiers in oncology*, 15, 1541413.

Sun M, et al. (2025) Machine learning-based prediction of diabetic peripheral neuropathy: model development and clinical validation. *Frontiers in endocrinology*, 16, 1614657.

Kresock E, et al. (2025) Centrality nearest-neighbor projected-distance regression (C-NPDR) feature selection for correlation-based predictors with application to resting-state fMRI study of major depressive disorder. *PloS one*, 20(3), e0319346.

Zavorsky GS, et al. (2025) Examining discordance in spirometry reference equations: A retrospective study. *Physiological reports*, 13(5), e70212.

Li C, et al. (2025) Integrated intraoperative predictive model for malignancy risk assessment of thyroid nodules with atypia of undetermined significance cytology. *Scientific reports*, 15(1), 1860.

Xie S, et al. (2025) Integrative Single-Cell and Bulk RNA Sequencing Identifies a Macrophage-Related Prognostic Signature for Predicting Prognosis and Therapy Responses in Colorectal Cancer. *International journal of molecular sciences*, 26(2).

Li Y, et al. (2025) Identification and validation of a prognostic risk model based on radiosensitivity-related genes in nasopharyngeal carcinoma. *Translational oncology*, 52, 102243.

Guo W, et al. (2025) Identifying potential three key targets gene for septic shock in children using bioinformatics and machine learning methods. *Frontiers in immunology*, 16, 1586584.

Koivunen K, et al. (2025) The interplay between perceived fatigability, intrinsic capacity, and physical activity: network analysis in a British birth cohort study. *The journals of gerontology. Series A, Biological sciences and medical sciences*, 80(10).