

Resource Summary Report

Generated by [SPARC SAWG](#) on Sep 15, 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: 20260912T195557+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 224 mentions in open access literature.

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

Zhou Y, et al. (2026) Surgical Optimization in Preoperatively Low-risk cN1a PTC: A Predictive Model for High-Volume Central Lymph Node Metastasis. *Annals of surgical oncology*, 33(2), 1307.

Sadeghirad B, et al. (2026) Development of risk prediction model for chronic pain after knee replacement surgery: protocol for an individual patient data meta-analysis. *Perioperative medicine (London, England)*, 15(1).

Konstantinou C, et al. (2026) Designing a children's health exposomics study protocol: The CHILDREN_FIRST multi-country prospective cohort using multi-omics and personalized prevention approaches. *PloS one*, 21(4), e0326641.

Li YZ, et al. (2026) Habitat-based MRI radiomics for enhanced parkinson's diagnosis. *Scientific reports*, 16(1), 4755.

Yang R, et al. (2026) Uric acid to high-density lipoprotein cholesterol ratio as a novel biomarker for sarcopenia: a national study with machine learning insights. *The journals of gerontology. Series A, Biological sciences and medical sciences*, 81(7).

Yang Q, et al. (2026) Identification of cardiovascular disease in patients with kidney stone disease using explainable machine learning. *Frontiers in cardiovascular medicine*, 13, 1696079.

Wang H, et al. (2026) Identification of endometrial cancer biomarkers using weighted gene coexpression network analysis and machine learning. *BMC cancer*, 26(1), 249.

Dou Y, et al. (2026) The contribution of phenolic endocrine-disrupting chemicals to breast cancer risk: A comprehensive bioinformatics analysis. *Scientific reports*, 16(1).

Ma S, et al. (2026) A machine learning-enabled blood transcriptomic signature for digital diagnosis and subtyping of Alzheimer's disease. *NPJ digital medicine*, 9(1), 126.

Mou L, et al. (2026) Advancing lupus nephritis research through multi-omics and predictive modeling. *Innate immunity*, 32, 17534259261426818.

Difford GF, et al. (2026) Predicting dry matter intake in gestating ewes using greenhouse gas measurements from portable accumulation chambers. *Journal of animal science*, 104.

He K, et al. (2026) Precise zonal diagnosis: multi-b-value DWI model reveals differential predictors of clinically significant prostate cancer in peripheral and transition zones. *Insights into imaging*, 17(1).

Shi L, et al. (2026) Development and Validation of a Nomogram Incorporating Platelet Distribution Width and the Triglyceride-Glucose Index for Predicting Obstructive Sleep Apnea. *Nature and science of sleep*, 18, 607552.

Tian M, et al. (2026) Nonlinear associations between serum vitamin mixtures and cardiovascular disease risk: insights from a national cross-sectional analysis. *European journal of medical research*, 31(1), 222.

Hoberger M, et al. (2026) Long-term benefit from high-dose ifosfamide in sarcoma depends on sustained prior control and timely intervention: a machine learning analysis. *Journal of cancer research and clinical oncology*, 152(1), 34.

Ding S, et al. (2026) Fast and reliable machine learning-based detection of postoperative intracranial infections in brain tumor patients: a diagnostic study using routine CSF parameters. *Cancer cell international*, 26(1).

Cong P, et al. (2026) Development and validation of a novel risk score for predicting post-ERCP pancreatitis in patients with choledocholithiasis: a retrospective study. *BMC gastroenterology*, 26(1).

Wu X, et al. (2026) Development and validation of a machine learning model for predicting 6-month mortality in patients with infective endocarditis. *Biomedical engineering online*, 25(1).

Carlson NS, et al. (2026) Lipidomics of prolonged labor duration in African American birthing people. *Scientific reports*, 16(1).

Xu S, et al. (2026) Adverse Pregnancy Outcomes in Women With Immune Abnormalities: Machine Learning Model Development and Validation Using First-Trimester Sonographic Features. *JMIR medical informatics*, 14, e84087.