

Resource Summary Report

Generated by [kravitz2](#) on Jul 31, 2026

Musite

RRID:SCR_012141

Type: Tool

Proper Citation

Musite (RRID:SCR_012141)

Resource Information

URL: <http://musite.sourceforge.net/>

Proper Citation: Musite (RRID:SCR_012141)

Description: A Java-based standalone application for predicting both general and kinase-specific protein phosphorylation sites.

Resource Type: software resource

Defining Citation: [PMID:20702892](#)

Keywords: standalone software, java

Resource Name: Musite

Resource ID: SCR_012141

Alternate IDs: OMICS_05941

Record Creation Time: 20220129T080308+0000

Record Last Update: 20260725T190732+0000

Ratings and Alerts

No rating or validation information has been found for Musite.

No alerts have been found for Musite.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 12 mentions in open access literature.

Listed below are recent publications. The full list is available at [kravitz2](#) .

Khaskhali S, et al. (2025) Expression profile and characterization of respiratory burst oxidase homolog genes in rice under MeJA, SA and Xoo treatments. Scientific reports, 15(1), 5936.

Baek W, et al. (2025) Phosphorylation-Induced Degradation of Pepper Dehydration-Related Homeobox Gene 12 (CaDRHB12), a Negative Regulator of Drought Response in Pepper, by CaSnRK2.6 Enhances Drought Tolerance. Plant biotechnology journal, 23(11), 5178.

Jorge GL, et al. (2024) Unveiling orphan receptor-like kinases in plants: novel client discovery using high-confidence library predictions in the Kinase-Client (KiC) assay. Frontiers in plant science, 15, 1372361.

Diwan D, et al. (2021) A Quantitative Arabidopsis IRE1a Ribonuclease-Dependent in vitro mRNA Cleavage Assay for Functional Studies of Substrate Splicing and Decay Activities. Frontiers in plant science, 12, 707378.

Liu W, et al. (2020) Genome-wide characterization and expression analysis of soybean trihelix gene family. PeerJ, 8, e8753.

Devi SJSR, et al. (2020) Identification and Characterization of a Large Effect QTL from Oryza glumaepatula Revealed Pi68(t) as Putative Candidate Gene for Rice Blast Resistance. Rice (New York, N.Y.), 13(1), 17.

Rurek M, et al. (2018) Cold and Heat Stress Diversely Alter Both Cauliflower Respiration and Distinct Mitochondrial Proteins Including OXPHOS Components and Matrix Enzymes. International journal of molecular sciences, 19(3).

Velez G, et al. (2016) Evidence supporting a critical contribution of intrinsically disordered regions to the biochemical behavior of full-length human HP1?. Journal of molecular modeling, 22(1), 12.

Ariani P, et al. (2016) Genome-wide characterisation and expression profile of the grapevine ATL ubiquitin ligase family reveal biotic and abiotic stress-responsive and development-related members. Scientific reports, 6, 38260.

Fan X, et al. (2015) Dynamic Alterations to γ -Actinin Accompanying Sarcomere Disassembly and Reassembly during Cardiomyocyte Mitosis. PloS one, 10(6), e0129176.

Dong X, et al. (2015) Suppression of ASK γ (AtSK32), a Clade III Arabidopsis GSK3, Leads to the Pollen Defect during Late Pollen Development. Molecules and cells, 38(6), 506.

Kurotani A, et al. (2015) In Silico Analysis of Correlations between Protein Disorder and Post-Translational Modifications in Algae. International journal of molecular sciences, 16(8), 19812.