Resource Summary Report

Generated by ASWG on Aug 13, 2026

RiceGE

RRID:SCR_015061
Type: Tool

Proper Citation

RiceGE (RRID:SCR_015061)

Resource Information

URL: http://signal.salk.edu/cgi-bin/RiceGE

Proper Citation: RiceGE (RRID:SCR_015061)

Description: Gene database for Japonica rice. RiceGE is associated with SIGnAL at the Salk Institute.

Synonyms: RiceGE: Genome Express Database, Rice Functional Genomic Express Database

Resource Type: data or information resource, database

Keywords: japonica rice, rice, gene, genome

Availability: Freely available

Resource Name: RiceGE

Resource ID: SCR_015061

Alternate URLs: http://signal.salk.edu/cgi-bin/RiceGE5

Record Creation Time: 20220129T080323+0000

Record Last Update: 20260811T043518+0000

Ratings and Alerts

No rating or validation information has been found for RiceGE .

No alerts have been found for RiceGE .

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 87 mentions in open access literature.

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

Onishi A, et al. (2026) Knockout of a single aquaporin, OsPIP2;4, decreases root water permeability in rice. Journal of plant research, 139(2), 255.

Hu XW, et al. (2026) Activation of OsOxO2 by T-DNA Insertion Affects Plant Height and Leaf Angle in Rice. Rice (New York, N.Y.), 19(1), 12.

Li Z, et al. (2025) IDD10-NAC079 transcription factor complex regulates sheath blight resistance by inhibiting ethylene signaling in rice. Journal of advanced research, 71, 93.

Gho YS, et al. (2025) Endonuclease Genes in Rice Are Involved in Phosphate Source Recycling by DNA Decay From??Phosphate Deprivation. Physiologia plantarum, 177(4), e70452.

Jiang Y, et al. (2025) Exploring FKBP12's Role in Enhancing Drought Tolerance in Rice. Rice (New York, N.Y.), 18(1), 36.

Liu Z, et al. (2024) Expression profiling of ALOG family genes during inflorescence development and abiotic stress responses in rice (Oryza sativa L.). Frontiers in genetics, 15, 1381690.

Latif A, et al. (2024) The Receptor Kinases DRUS1 and DRUS2 Behave Distinctly in Osmotic Stress Tolerance by Modulating the Root System Architecture via Auxin Signaling. Plants (Basel, Switzerland), 13(6).

Lim YJ, et al. (2024) Nuclear localization sequence of MoHTR1, a Magnaporthe oryzae effector, for transcriptional reprogramming of immunity genes in rice. Nature communications, 15(1), 9764.

Rahman MA, et al. (2023) Receptor for Activated C Kinase1B (RACK1B) Delays Salinity-Induced Senescence in Rice Leaves by Regulating Chlorophyll Degradation. Plants (Basel, Switzerland), 12(12).

Guo X, et al. (2023) Cold-induced calreticulin OsCRT3 conformational changes promote OsCIPK7 binding and temperature sensing in rice. The EMBO journal, 42(1), e110518.

Kim SH, et al. (2023) OsMYB7 determines leaf angle at the late developmental stage of lamina joints in rice. Frontiers in plant science, 14, 1167202.

Kim SH, et al. (2023) Rice Basic Helix-Loop-Helix 079 (OsbHLH079) Delays Leaf Senescence by Attenuating ABA Signaling. Rice (New York, N.Y.), 16(1), 60.

Wen P, et al. (2023) SET Domain Group 703 Regulates Planthopper Resistance by Suppressing the Expression of Defense-Related Genes. International journal of molecular

sciences, 24(16).

Lin F, et al. (2023) GF14f gene is negatively associated with yield and grain chalkiness under rice ratooning. Frontiers in plant science, 14, 1112146.

Zhao Y, et al. (2023) The miR167-OsARF12 module regulates rice grain filling and grain size downstream of miR159. Plant communications, 4(5), 100604.

Wu T, et al. (2023) Activated Expression of Rice DMR6-like Gene OsS3H Partially Explores the Susceptibility to Bacterial Leaf Streak Mediated by Knock-Out OsF3H04g. International journal of molecular sciences, 24(17).

Jing X, et al. (2022) Overexpression of OsHAK5 potassium transporter enhances virus resistance in rice (Oryza sativa). Molecular plant pathology, 23(8), 1107.

Lee SJ, et al. (2022) Natural alleles of CIRCADIAN CLOCK ASSOCIATED1 contribute to rice cultivation by fine-tuning flowering time. Plant physiology, 190(1), 640.

Lee YJ, et al. (2022) Differential Regulation of an OsIspH1, the Functional 4-Hydroxy-3-Methylbut-2-Enyl Diphosphate Reductase, for Photosynthetic Pigment Biosynthesis in Rice Leaves and Seeds. Frontiers in plant science, 13, 861036.

Guo M, et al. (2022) OsDDM1b Controls Grain Size by Influencing Cell Cycling and Regulating Homeostasis and Signaling of Brassinosteroid in Rice. Frontiers in plant science, 13, 873993.