

Resource Summary Report

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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: 20260729T044357+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

Usage and Citation Metrics

We found 73 mentions in open access literature.

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

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

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.

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.

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.

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).

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.

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.

Wu XX, et al. (2022) Ammonium transporter 1 increases rice resistance to sheath blight by promoting nitrogen assimilation and ethylene signalling. Plant biotechnology journal, 20(6), 1085.

Tian Q, et al. (2021) A bHLH protein, OsBIM1, positively regulates rice leaf angle by promoting brassinosteroid signaling. Biochemical and biophysical research

communications, 578, 129.

Iqbal Z, et al. (2021) Toward Integrated Multi-Omics Intervention: Rice Trait Improvement and Stress Management. *Frontiers in plant science*, 12, 741419.

Wei H, et al. (2021) Clock component OsPRR73 positively regulates rice salt tolerance by modulating OsHKT2;1-mediated sodium homeostasis. *The EMBO journal*, 40(3), e105086.

Zhao H, et al. (2021) Characterization of auxin transporter AUX, PIN and PILS gene families in pineapple and evaluation of expression profiles during reproductive development and under abiotic stresses. *PeerJ*, 9, e11410.

Luo W, et al. (2021) Integrated global analysis reveals a vitamin E-vitamin K1 sub-network, downstream of COL1, underlying rice chilling tolerance divergence. *Cell reports*, 36(3), 109397.

Zhang H, et al. (2021) A rice LRR receptor-like protein associates with its adaptor kinase OsSOBIR1 to mediate plant immunity against viral infection. *Plant biotechnology journal*, 19(11), 2319.

Chu J, et al. (2021) Loose Plant Architecture 1-Interacting Kinesin-like Protein KLP Promotes Rice Resistance to Sheath Blight Disease. *Rice (New York, N.Y.)*, 14(1), 60.

Ge Q, et al. (2020) Cyclophilin OsCYP20-2 with a novel variant integrates defense and cell elongation for chilling response in rice. *The New phytologist*, 225(6), 2453.