**Rice Genomes to Riceome: An International Bioinformatics Initiative Serving the Global Rice Research Community**

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Over the past five years, significant achievements have been made in sequencing, assembling, and annotating rice genomes, ushering in a new era of pan-genomic research. However, existing databases often lack comprehensive coverage of this wealth of data. To address this gap, we introduce the Rice Gene Index (RGI), a user-friendly platform that serves as a central hub for exploring the riceome – the pan-genome of rice. Unlike traditional databases, RGI dynamically links existing rice genes and transcripts with sixteen platinum standard reference sequences, offering a comprehensive and versatile resource for researchers in genomics, genetics, and molecular evolution studies of the Oryza genus. RGI represents a major advancement by providing abundant search and visualization functions without relying on a single reference genome. Version 1.0 of RGI, along with a beta version containing over 50 high-quality genomes, is now publicly available to the global research community at https://riceome.hzau.edu.cn.