

Open-access web resources for millets, cereals & bioenergy genomics



Foxtail millet Marker Database (FmMdb)

<http://www.nipgr.res.in/foxtail.html>

A first comprehensive online database for information retrieval, visualization & management of large-scale marker datasets with unrestricted public access. FmMdb provides complete marker information (SSRs, eSSRs & ILPs) to the plant science community.



Foxtail millet Transcription Factor Database (FmTFDb)

<http://59.163.192.91/FmTFDb>

FmTFDb provides free access to the 2297 FmTFs through a set of query interfaces & analysis tools, including the BLAST search, annotation query interfaces, & tools to identify enriched Gene Ontology terms & visualize physical maps.



Foxtail millet miRNA Database (FmMiRNADb)

<http://59.163.192.91/FmMiRNADb>

The database encompasses complete information of 355 foxtail millet miRNAs along with a interactive physical map. Further, FmMiRNADb also contains the details of 123 miRNA-based molecular markers for genotyping & molecular breeding of millets, cereals & bioenergy grasses.



Foxtail millet Transposable Elements-based Marker Database (FmTEMdb)

<http://59.163.192.83/ltrdb/index.html>

The database possess the data of ~30000 foxtail millet transposable elements & 6 different types of markers useful for large-scale genotyping applications in millets, cereals & bioenergy grasses.