

RMD: Database Sources, Details and Summary

Release RMD's Flanking Sequence Tags into SALK

(http://signal.salk.edu/RiceGE/RiceGE_Data_Source.html)

release 20120301

We have integrated RMD's newly comprehensive FSTs into SALK. They included 85,315 sequences in total. Genomic alignment indicated that 47,231 mapped onto the japonica genome and 46,481 onto the indica genome.

General information of the Rice Mutant Database, release 20100702

In total, Flanking sequences separate from Tos17 is 14489, and from T-DNA is 25,541.

By Adaptor-PCR we separate 15672 sequences, TAIL-PCR 20129, Inverse-PCR 4208, Hi TAIL-PCR 21.

Data type	Number of entries
Total enhancer trap line	134,346 (2153 new lines in total)
From Zhonghua 11 (Z11)	114,008 (419 new lines)
From Zhonghua 15 (Z15)	14,197
From Nipponbare (NPB)	6141 (1734 new lines)
Mutant phenotype ^a	31,755
Expression pattern	6391
Flanking sequence	40,030 (6539 new sequences)
Mutant photograph	938
Seed available	53,432

General information of the Rice Mutant Database, release 20090612

In total, Flanking sequences separate from Tos17 is 9483, and from T-DNA is 24,008. By Adaptor-PCR we separate 10103 sequences, TAIL-PCR 19229, Inverse-PCR 4138, Hi TAIL-PCR 21.

Data type	Number of entries
Total enhancer trap line	132,193 (3633 new lines in total)
From Zhonghua 11 (Z11)	113,589 (327 new lines)
From Zhonghua 15 (Z15)	14,197
From Nipponbare (NPB)	4407 (3306 new lines)
Mutant phenotype ^a	31,755
Expression pattern	6391
Flanking sequence	33,491 (17073 new sequences)
Mutant photograph	938
Seed available	53,432

General information of the Rice Mutant Database, release 20070131

Data type	Number of entries
Total enhancer trap line	128,560
From Zhonghua 11 (Z11)	113,262
From Zhonghua 15 (Z15)	14,197
From Nipponbare (NPB)	1101
Mutant phenotype ^a	31,755
Expression pattern	6391
Flanking sequence	16,418
Mutant photograph	938
Seed available	53,432

General information of the Rice Mutant Database, release 20060401

Data type	Number of entries
Total enhancer trap line	128,560
From Zhonghua 11 (Z11)	113,262
From Zhonghua 15 (Z15)	14,197
From Nipponbare (NPB)	1101
Mutant phenotype ^a	31,755
Expression pattern	6391
Flanking sequence	15,727
Mutant photograph	938
Seed available	53,432

General information of the Rice Mutant Database, release 20051101

Data type	Number of entries
Total enhancer trap line	128,560
From Zhonghua 11 (Z11)	113,262
From Zhonghua 15 (Z15)	14,197
From Nipponbare (NPB)	1101
Mutant phenotype ^a	31,755
Expression pattern	6391
Flanking sequence	15,146
Mutant photograph	938
Seed available	53,432

General information of the Rice Mutant Database, release 20050901

Data type	Number of entries
Total enhancer trap line	128,560
From Zhonghua 11 (Z11)	113,262
From Zhonghua 15 (Z15)	14,197
From Nipponbare (NPB)	1101
Mutant phenotype ^a	24,679
Expression pattern	6391
Flanking sequence	13,738
Mutant photograph	938
Seed available	53,432

^aThe information indicates the lines that had been screened for at least one type of phenotypes (including abiotic and biotic stress screening) listed in Table ['Mutation contents in RMD'](#).