

## Supplementary Data

Fingerprinting and variety identification of rice (*Oryza sativa* L.) based on simple sequence repeat markersYan-fang Zhu, Guo-chen Qin, Jin Hu<sup>\*</sup>, Yang Wang, Jian-cheng Wang and Shui-jin Zhu

Supplementary Table 1 Forty-eight rice cultivars used in the study

Code	Cultivar Name	Rice type	Reported Pedigree
1	II You 623	<i>Oryza sativa</i> L. ssp. <i>Indica</i>	II -32A×Fuhui623
2	II You 906	<i>Oryza sativa</i> L. ssp. <i>Indica</i>	II -32A×Ronghui906
3	e Fufengyou 11	<i>Oryza sativa</i> L. ssp. <i>Indica</i>	FueS1×93-11
4	Y Liangyou 1	<i>Oryza sativa</i> L. ssp. <i>Indica</i>	Y58S×93-11
5	Chuanxiangyou 2	<i>Oryza sativa</i> L. ssp. <i>Indica</i>	Chuanxiang29A×Chenghui177
6	Fengliangyou 1	<i>Oryza sativa</i> L. ssp. <i>Indica</i>	Guangzhan63S×93-11
7	Fengliangyouxiang 1	<i>Oryza sativa</i> L. ssp. <i>Indica</i>	Guangzhan63S×Fengxianghui1
8	Fengyou 191	<i>Oryza sativa</i> L. ssp. <i>Indica</i>	FengyuanA×Xianghui191
9	gangyou 188	<i>Oryza sativa</i> L. ssp. <i>Indica</i>	Gang46A×Lehui188
10	Jia 991	<i>Oryza sativa</i> L. ssp. <i>japonica</i>	Wuyunjing7×Jia62/Shuijing1
11	Jiayou 1	<i>Oryza sativa</i> L. ssp. <i>japonica</i>	Jia60A×Jiahui40
12	Jiayou 2	<i>Oryza sativa</i> L. ssp. <i>japonica</i>	Jia60A×Jiahui30
13	Jiayu 253	<i>Oryza sativa</i> L. ssp. <i>Indica</i>	G96-28-1×G96-143
14	Jiayu 280	<i>Oryza sativa</i> L. ssp. <i>Indica</i>	Jiayu293×ZK787
15	Jinzao 47	<i>Oryza sativa</i> L. ssp. <i>Indica</i>	Zhong87-425×Luqingzao1
16	Keyou 8377	<i>Oryza sativa</i> L. ssp. <i>Indica</i>	Jinke1A×R8377
17	Liangyou 0293	<i>Oryza sativa</i> L. ssp. <i>Indica</i>	P88S×0293
18	Liangyou 1206	<i>Oryza sativa</i> L. ssp. <i>Indica</i>	Hua201S×T226
19	Liangyou 6326	<i>Oryza sativa</i> L. ssp. <i>Indica</i>	Xuan69S×WH26
20	Liangyoupeijiu	<i>Oryza sativa</i> L. ssp. <i>Indica</i>	Peiai64S×93-11
21	Qianyou 1	<i>Oryza sativa</i> L. ssp. <i>Indica</i>	Qianjiang1A×Zhehui7954
22	Shaonuo 9714	<i>Oryza sativa</i> L. ssp. <i>japonica</i>	Shaozi9012/Shaoonuo45//Shaojian9×Shaonuo119
23	Tianyou 998	<i>Oryza sativa</i> L. ssp. <i>Indica</i>	TianfengA×Guanghui998
24	Weiyu 402	<i>Oryza sativa</i> L. ssp. <i>Indica</i>	Wei20A×R402
25	Xieyou 1429	<i>Oryza sativa</i> L. ssp. <i>Indica</i>	XieqingzaoA×C1429
26	Xieyou 9308	<i>Oryza sativa</i> L. ssp. <i>Indica</i>	XieqingzaoA×Zhonghui9308
27	Xinliangyou 6	<i>Oryza sativa</i> L. ssp. <i>Indica</i>	XinanS×Anxuan6
28	Xiushui 09	<i>Oryza sativa</i> L. ssp. <i>japonica</i>	Xiushui110/Jiajing2717×Xiushui110
29	Xiushui 114	<i>Oryza sativa</i> L. ssp. <i>japonica</i>	Xiushui09×Xiushui123
30	Xiushui 128	<i>Oryza sativa</i> L. ssp. <i>japonica</i>	Bing98-101/R9936×HK21
31	Xiuyou 5	<i>Oryza sativa</i> L. ssp. <i>japonica</i>	Xiushui110A×Xiuhui69
32	Yanyou 1	<i>Oryza sativa</i> L. ssp. <i>Indica</i>	Zhong1A×2070F
33	Yangliangyou 6	<i>Oryza sativa</i> L. ssp. <i>Indica</i>	Guangzhan63-4S×93-11
34	Yongxian 15	<i>Oryza sativa</i> L. ssp. <i>Indica</i>	Jiayu293//Jian8/Hang931×Jiayu143
35	Yongxian 57	<i>Oryza sativa</i> L. ssp. <i>Indica</i>	Jiayu143×G95-40-3
36	Yongxian 69	<i>Oryza sativa</i> L. ssp. <i>Indica</i>	Jiayu143×G95-40-3
37	Yongyou 3	<i>Oryza sativa</i> L. ssp. <i>japonica</i>	Yongjing2A×K1863
38	Yongyou 5	<i>Oryza sativa</i> L. ssp. <i>japonica</i>	Yongjing2A/Shaoonuo96-17×K6926
39	Yongyou 6	<i>Oryza sativa</i> L. ssp. <i>japonica</i>	Yongjing2A×K4806
40	Yongyou 8	<i>Oryza sativa</i> L. ssp. <i>japonica</i>	Yongjing2A/Yongjing3B×K6876
41	Yongyou 9	<i>Oryza sativa</i> L. ssp. <i>japonica</i>	Yongjing2A×K6093
42	Yueyou 712	<i>Oryza sativa</i> L. ssp. <i>Indica</i>	Yue4A×Yunhui9712
43	Yueyou 938	<i>Oryza sativa</i> L. ssp. <i>Indica</i>	YuetaiA×R938
44	Zhegeng 22	<i>Oryza sativa</i> L. ssp. <i>japonica</i>	Zhejing27×DP5165/Rathu Heenati
45	Zhenong 7	<i>Oryza sativa</i> L. ssp. <i>Indica</i>	Zhongs3×Zhenong947
46	Zhongjiacao 32	<i>Oryza sativa</i> L. ssp. <i>Indica</i>	01D1-1/G95-40×01D1-1
47	Zhongzheyu 1	<i>Oryza sativa</i> L. ssp. <i>Indica</i>	ZhongzheA×Hanghui570
48	Zhongzheyu 8	<i>Oryza sativa</i> L. ssp. <i>Indica</i>	ZhongzheA×T-8

Supplementary Table 2 Sequences of thirty-two SSR Primer pairs used in the study

Chromosome	Primer Name	Forward Primer	Reverse Primer
1	RM1	accatggatggtaccaactc	ttcgttgcatctactatgc
1	RM212	ccactttcagctactaccag	caccattgtctctcattatg
1	RM84	taagggtccatccacaagatg	ttgcaaatgagctagagtac
2	RM208	tctgcaagcctgtgtgatg	taagtcgatcattgtgtggacc
2	RM250	ggttcaaaccaagctgatca	gatgaaggccttccacgcag
2	RM211	ccgatctcatcaaccaactg	cttcacgaggatctcaagg
3	RM16	cgctagggcagcatctaaa	aacacagcaggtagcgc
3	RM22	ggtttgggagccataatct	ctgggcttcttactcgtc
4	RM119	catccccctgctgctgctg	cgccggatggtgggactagec
4	RM241	gagccaaataagatcgtga	tgcaagcagcagatttagt
4	RM280	acacgatccactttgcgc	tgtgtcttgagcagccagg
5	RM13	tccaacatggcaagagagag	ggtggcattcattccag
5	RM249	ggcgtaaagttttgcatgt	atgttccatgaaggctcagc
6	RM30	ggttaggcacgtcacgg	tcacctcaccacagcagc
6	RM225	tgcccatatggtctggatg	gaaagtggatcaggaaggc
6	RM276	ctcaactgtgacacctegt	tcttccatcgagcagtatca
7	RM18	ttccctctcatgactccat	gagtgcttggcgtctac
7	RM51	tctcgattcaatgtctcgg	ctacgtcatcatcgtcttccc
7	RM70	gtggacttcatttcaactcg	gatgtataagatagctccc
7	RM214	ctgatgatagaacctctctc	aagacagctgacttcacaa
7	RM11	tctccttccccgatc	atagcgggcgagccttag
8	RM25	ggaaagaatgatctttcatgg	ctaccatcaaaaccaatgtc
8	RM210	tcacattegggtgcatg	cgaggatggtttcacttg
9	RM215	caaaatggagcagcaagagc	tgagcacctcctctctgtag
9	RM219	cgctggatgatgtaaagcct	catatcggcattcgcctc
10	RM228	ctggccattagtctctgg	gcttgcggctctgcttac
10	RM244	ccgactgttcgtccttatca	ctgctctcgggtgaacgt
11	RM202	cagattggagatgaagtctcc	ccagcaagcatgcaatgta
11	RM206	cccatgctttaaactattct	cgttccatcgatccgtatgg
11	RM21	acagtattccgtaggcacgg	gctccatgaggggtgtagag
12	RM19	caaaaacagagcagatgac	ctcaagatggacccaaga
12	RM17	tgccctgttattttcttctc	ggtgatcctttccatttca