**Supplementary Information for**

**Demography as a confounding factor to explain highly diverged loci between cultivated and wild rice**

Jinggong Xiang-Yu1,$, Zhili Gu1,$, Haipeng Li1,\*, Bao-Rong Lu2,\*

1. CAS Key Laboratory of Computational Biology, Shanghai Institute of Nutrition and Health, Chinese Academy of Sciences, 320 Yueyang Road, Shanghai 200031, China.
2. Ministry of Education Key Laboratory for Biodiversity and Ecological Engineering, School of Life Sciences, Fudan University, Songhu Road 2005, Shanghai, 200438 China

$These authors contributed equally to this study.

To whom correspondence should be addressed: H.L. (lihaipeng@sinh.ac.cn), B.R.L. (brlu@fudan.edu.cn)

**Table S1.** 172 rice accessions of *O. sativa* ssp. *indica* (n=66), *O. sativa* ssp. *japonica* (n=63), *O. rufipogon* (n=25) and *O. nivara* (n=18).

**Table S2.** Locus, sample size, allele frequency and *FST* of wild rice (*O. rufipogon* and *O. nivara*), *O. sativa* ssp. *japonica* and *O. sativa* ssp. *indica*.

**Table S3.** List of PCR primers.

**Table S1**. 172 rice accessions of *O. sativa* ssp. *indica* (n=66), *O. sativa* ssp. *japonica* (n=63), *O. rufipogon* (n=25) and *O. nivara* (n=18).

|  |  |  |
| --- | --- | --- |
| Accession | Sampling location | Speciesa |
| 93-11 | China | *O. sativa* ssp. *indica* |
| Guangluai-4 | Zhejiang, China | *O. sativa* ssp. *indica* |
| 04Fs252 | Guangdong, China | *O. sativa* ssp. *indica* |
| 04M-28 | Guangdong, China | *O. sativa* ssp. *indica* |
| Mojiangdao | Yunnan, China | *O. sativa* ssp. *indica* |
| Shuijia-99 | Yunnan, China | *O. sativa* ssp. *indica* |
| Zhezhen-1 | Zhejiang, China | *O. sativa* ssp. *indica* |
| 04Fs039 | Hebei, China | *O. sativa* ssp. *indica* |
| 14598 | Indonesia | *O. sativa* ssp. *indica* |
| 04Fs187 | Anhui, China | *O. sativa* ssp. *indica* |
| 04Fs427 | Guizhou,China | *O. sativa* ssp. *indica* |
| 04M-18 | Sri Lanka | *O. sativa* ssp. *indica* |
| Hongta-1 | Yunnan, China | *O. sativa* ssp. *indica* |
| 54026 | India | *O. sativa* ssp. *indica* |
| 04Fs143 | Zhejiang, China | *O. sativa* ssp. *indica* |
| 04Fs161 | Zhejiang, China | *O. sativa* ssp. *indica* |
| 04Fs223 | Jiangxi, China | *O. sativa* ssp. *indica* |
| 04Fs287 | Hunan, China | *O. sativa* ssp. *indica* |
| 04Fs339 | Sichuan, China | *O. sativa* ssp. *indica* |
| Xiandaonuo | Yunnan, China | *O. sativa* ssp. *indica* |
| Nuogu-2 | Yunnan, China | *O. sativa* ssp. *indica* |
| 10929 | Malaysia | *O. sativa* ssp. *indica* |
| 38714 | Philippines | *O. sativa* ssp. *indica* |
| 49521 | India | *O. sativa* ssp. *indica* |
| 04Fs200 | Jiangxi, China | *O. sativa* ssp. *indica* |
| 04M-24 | Côte d'Ivoire | *O. sativa* ssp. *indica* |
| Maidao | Yunnan, China | *O. sativa* ssp. *indica* |
| Hongtu-31 | Zhejiang, China | *O. sativa* ssp. *indica* |
| 04Fs243 | Shandong, China | *O. sativa* ssp. *indica* |
| Jingdao | Yunnan, China | *O. sativa* ssp. *indica* |
| 33212 | Myanmar | *O. sativa* ssp. *indica* |
| 49433 | India | *O. sativa* ssp. *indica* |
| 67705 | India | *O. sativa* ssp. *indica* |
| 04Fs301 | Hunan, China | *O. sativa* ssp. *indica* |
| Ruandao | Yunnan, China | *O. sativa* ssp. *indica* |
| 58816 | Bangladesh | *O. sativa* ssp. *indica* |
| 53939 | India | *O. sativa* ssp. *indica* |
| 24820 | Indonesia | *O. sativa* ssp. *indica* |
| 60764 | Myanmar | *O. sativa* ssp. *indica* |
| 44288 | Philippines | *O. sativa* ssp. *indica* |
| 36652 | Thailand | *O. sativa* ssp. *indica* |
| 26908 | India | *O. sativa* ssp. *indica* |
| 04Fs181 | Anhui, China | *O. sativa* ssp. *indica* |
| 04M-20 | Brazil | *O. sativa* ssp. *indica* |
| 24114 | Thailand | *O. sativa* ssp. *indica* |
| 04Fs422 | Guizhou, China | *O. sativa* ssp. *indica* |
| 30323 | Japan | *O. sativa* ssp. *indica* |
| 78816 | Laos | *O. sativa* ssp. *indica* |
| 29531 | Laos | *O. sativa* ssp. *indica* |
| 34150 | India | *O. sativa* ssp. *indica* |
| 75464 | India | *O. sativa* ssp. *indica* |
| 04Fs319 | Hunan, China | *O. sativa* ssp. *indica* |
| 58716 | Bangladesh | *O. sativa* ssp. *indica* |
| 04Fs119 | Jiangsu, China | *O. sativa* ssp. *indica* |
| 04Fs226 | Jiangxi, China | *O. sativa* ssp. *indica* |
| 04Fs393 | Sichuan, China | *O. sativa* ssp. *indica* |
| 04Fs434 | Guizhou, China | *O. sativa* ssp. *indica* |
| 04Fs404 | Sichuan, China | *O. sativa* ssp. *indica* |
| 25901 | Bangladesh | *O. sativa* ssp. *indica* |
| 35123 | India | *O. sativa* ssp. *indica* |
| 52043 | India | *O. sativa* ssp. *indica* |
| 54001 | India | *O. sativa* ssp. *indica* |
| 37189 | Bangladesh | *O. sativa* ssp. *indica* |
| 04Fs288 | Hunan, China | *O. sativa* ssp. *indica* |
| 4902 | India | *O. sativa* ssp. *indica* |
| 53228 | India | *O. sativa* ssp. *indica* |
| 8211 | Thailand | *O. sativa* ssp. *japonica* |
| 23747 | Thailand | *O. sativa* ssp. *japonica* |
| 73054 | Korea | *O. sativa* ssp. *japonica* |
| 33538 | Myanmar | *O. sativa* ssp. *japonica* |
| 04Fs448 | Shaanxi, China | *O. sativa* ssp. *japonica* |
| 31995 | Indonesia | *O. sativa* ssp. *japonica* |
| Guangtougu | Yunnan, China | *O. sativa* ssp. *japonica* |
| 64893 | Bhutan | *O. sativa* ssp. *japonica* |
| 13305 | Malaysia | *O. sativa* ssp. *japonica* |
| 14392 | Malaysia | *O. sativa* ssp. *japonica* |
| 74467 | Japan | *O. sativa* ssp. *japonica* |
| 29457 | Laos | *O. sativa* ssp. *japonica* |
| 20256 | India | *O. sativa* ssp. *japonica* |
| 04Fs433 | Guizhou, China | *O. sativa* ssp. *japonica* |
| 82764 | Malaysia | *O. sativa* ssp. *japonica* |
| 8162 | Philippines | *O. sativa* ssp. *japonica* |
| 04Fs453 | Shaanxi, China | *O. sativa* ssp. *japonica* |
| 16554 | Indonesia | *O. sativa* ssp. *japonica* |
| 23417 | Laos | *O. sativa* ssp. *japonica* |
| 54238 | Indonesia | *O. sativa* ssp. *japonica* |
| 44494 | Philippines | *O. sativa* ssp. *japonica* |
| 26997 | Indonesia | *O. sativa* ssp. *japonica* |
| 04Fs212 | Jiangxi, China | *O. sativa* ssp. *japonica* |
| 81657 | Myanmar | *O. sativa* ssp. *japonica* |
| Taibai-8 | Yunnan, China | *O. sativa* ssp. *japonica* |
| 04Fs175 | Anhui, China | *O. sativa* ssp. *japonica* |
| 04Fs403 | Sichuan, China | *O. sativa* ssp. *japonica* |
| 04Fs122 | Jiangsu, China | *O. sativa* ssp. *japonica* |
| 04Fs257 | Hunan, China | *O. sativa* ssp. *japonica* |
| 04Fs093 | Jiangsu, China | *O. sativa* ssp. *japonica* |
| 04Fs254 | Guangdong, China | *O. sativa* ssp. *japonica* |
| 04Fs446 | Shaanxi, China | *O. sativa* ssp. *japonica* |
| 04Fs413 | Guizhou,China | *O. sativa* ssp. *japonica* |
| 04Fs150 | Zhejiang, China | *O. sativa* ssp. *japonica* |
| 04Fs272 | Hunan, China | *O. sativa* ssp. *japonica* |
| 04Fs397 | Sichuan, China | *O. sativa* ssp. *japonica* |
| 04Fs078 | Jiangsu, China | *O. sativa* ssp. *japonica* |
| 19712 | Korea | *O. sativa* ssp. *japonica* |
| 04Fs190 | Anhui, China | *O. sativa* ssp. *japonica* |
| 04Fs241 | Shandong, China | *O. sativa* ssp. *japonica* |
| 04Fs428 | Guizhou,China | *O. sativa* ssp. *japonica* |
| 04Fs447 | Shaanxi, China | *O. sativa* ssp. *japonica* |
| 04M-01 | Nigeria | *O. sativa* ssp. *japonica* |
| chunjiangzao-1 | Zhejiang, China | *O. sativa* ssp. *japonica* |
| 04Fs238 | Shandong, China | *O. sativa* ssp. *japonica* |
| 04Fs066 | Shanghai, China | *O. sativa* ssp. *japonica* |
| 55615 | Korea | *O. sativa* ssp. *japonica* |
| 04Fs013 | Hebei, China | *O. sativa* ssp. *japonica* |
| 04Fs019 | Hebei, China | *O. sativa* ssp. *japonica* |
| 04Fs028 | Hebei, China | *O. sativa* ssp. *japonica* |
| 04Fs049 | Shanghai, China | *O. sativa* ssp. *japonica* |
| 04Fs140 | Zhejiang, China | *O. sativa* ssp. *japonica* |
| 04Fs233 | Jiangxi, China | *O. sativa* ssp. *japonica* |
| 04Fs435 | Shaanxi, China | *O. sativa* ssp. *japonica* |
| Zhenongda-104 | Zhejiang, China | *O. sativa* ssp. *japonica* |
| 65761 | Japan | *O. sativa* ssp. *japonica* |
| 76300 | Japan | *O. sativa* ssp. *japonica* |
| 19736 | Korea | *O. sativa* ssp. *japonica* |
| 04Fs377 | Sichuan, China | *O. sativa* ssp. *japonica* |
| 04M-23 | Nigeria | *O. sativa* ssp. *japonica* |
| Zaojing-316 | Zhejiang, China | *O. sativa* ssp. *japonica* |
| 04M-27 | Guangdong, China | *O. sativa* ssp. *japonica* |
| Nipponbare | Japan | *O. sativa* ssp. *japonica* |
| 101974 | India | *O. rufipogon* |
| 106081 | India | *O. rufipogon* |
| 106386 | Myanmar | *O. rufipogon* |
| 106036 | Malaysia | *O. rufipogon* |
| 105491 | Malaysia | *O. rufipogon* |
| 104643 | Thailand | *O. rufipogon* |
| 104646 | Thailand | *O. rufipogon* |
| 105568 | Philippines | *O. rufipogon* |
| 105424 | Sri Lanka | *O. rufipogon* |
| 104602 | Sri Lanka | *O. rufipogon* |
| 105400 | China | *O. rufipogon* |
| 104057 | China | *O. rufipogon* |
| 105887 | Bangladesh | *O. rufipogon* |
| 105902 | Bangladesh | *O. rufipogon* |
| 105696 | Nepal | *O. rufipogon* |
| 105698 | Nepal | *O. rufipogon* |
| 105735 | Cambodia | *O. rufipogon* |
| 106145 | Laos | *O. rufipogon* |
| 106158 | Laos | *O. rufipogon* |
| 106517 | Vietnam | *O. rufipogon* |
| 106166 | Vietnam | *O. rufipogon* |
| 106276 | Papua New Guinea | *O. rufipogon* |
| 106502 | Papua New Guinea | *O. rufipogon* |
| 106505 | Papua New Guinea | *O. rufipogon* |
| 106264 | Papua New Guinea | *O. rufipogon* |
| 101978 | India | *O. nivara* |
| 104689 | India | *O. nivara* |
| 106344 | Myanmar | *O. nivara* |
| 106348 | Myanmar | *O. nivara* |
| 105371 | Thailand | *O. nivara* |
| 105386 | Thailand | *O. nivara* |
| 105433 | Sri Lanka | *O. nivara* |
| 105455 | Sri Lanka | *O. nivara* |
| 103821 | China | *O. nivara* |
| 103824 | China | *O. nivara* |
| 105880 | Bangladesh | *O. nivara* |
| 105885 | Bangladesh | *O. nivara* |
| 105704 | Nepal | *O. nivara* |
| 105706 | Nepal | *O. nivara* |
| 105721 | Cambodia | *O. nivara* |
| 105728 | Cambodia | *O. nivara* |
| 106148 | Laos | *O. nivara* |
| 100593 | Taiwan | *O. nivara* |

a Classification of *indica* or *japonica* as identified by the InDel molecular index ([Lu *et al.* 2009](#_ENREF_1)).

**Table S2**. Locus, sample size, allele frequency and *FST* of wild rice (*O. rufipogon* and *O. nivara), O. sativa* ssp. *japonica* and *O. sativa* ssp. *indica.*

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Locus |  | Wild rice |  | *japonica* |  | *indica* |  | *FST* |
|  | na | fb |  | n | f |  | n | f |  | *japonica*- wild rice | *indica*- wild rice | *japonica*- *indica* |
| R1M7 |  | 43 | 0.198 |  | 63 | 0.937 |  | 66 | 0.000 |  | 0.556 | 0.110 | 0.881 |
| R1M20 |  | 33 | 0.394 |  | 54 | 0.037 |  | 58 | 0.672 |  | 0.188 | 0.078 | 0.441 |
| R1M30 |  | 43 | 0.279 |  | 63 | 0.119 |  | 66 | 0.864 |  | 0.040 | 0.349 | 0.555 |
| R1M37 |  | 42 | 0.238 |  | 61 | 0.197 |  | 66 | 0.992 |  | 0.003 | 0.601 | 0.657 |
| R1M47 |  | 43 | 0.326 |  | 63 | 0.016 |  | 66 | 0.977 |  | 0.169 | 0.468 | 0.924 |
| R2M10 |  | 34 | 0.132 |  | 62 | 1.000 |  | 62 | 0.016 |  | 0.766 | 0.049 | 0.968 |
| R2M24 |  | 38 | 0.105 |  | 62 | 0.976 |  | 66 | 0.015 |  | 0.763 | 0.037 | 0.923 |
| R2M26 |  | 43 | 0.163 |  | 63 | 0.008 |  | 66 | 0.917 |  | 0.077 | 0.572 | 0.831 |
| R2M37 |  | 43 | 0.140 |  | 63 | 0.087 |  | 66 | 0.470 |  | 0.007 | 0.129 | 0.182 |
| R2M50 |  | 43 | 0.105 |  | 63 | 1.000 |  | 66 | 0.046 |  | 0.811 | 0.013 | 0.913 |
| R3M10 |  | 43 | 0.093 |  | 63 | 0.937 |  | 66 | 0.023 |  | 0.712 | 0.023 | 0.836 |
| R3M23 |  | 42 | 0.119 |  | 63 | 0.810 |  | 66 | 0.053 |  | 0.479 | 0.013 | 0.583 |
| R3M30 |  | 42 | 0.238 |  | 63 | 0.905 |  | 66 | 0.061 |  | 0.454 | 0.062 | 0.713 |
| R3M37 |  | 39 | 0.103 |  | 63 | 0.444 |  | 62 | 0.677 |  | 0.147 | 0.347 | 0.055 |
| R3M53 |  | 43 | 0.105 |  | 63 | 0.008 |  | 66 | 0.689 |  | 0.044 | 0.357 | 0.511 |
| R4M13 |  | 42 | 0.452 |  | 63 | 0.127 |  | 66 | 0.894 |  | 0.129 | 0.222 | 0.589 |
| R4M17 |  | 43 | 0.186 |  | 63 | 0.024 |  | 66 | 0.864 |  | 0.070 | 0.460 | 0.714 |
| R4M30 |  | 38 | 0.158 |  | 62 | 0.210 |  | 64 | 0.367 |  | 0.005 | 0.057 | 0.030 |
| R4M43 |  | 43 | 0.105 |  | 63 | 0.968 |  | 66 | 0.114 |  | 0.750 | 0.000 | 0.735 |
| R4M50 |  | 39 | 0.115 |  | 62 | 1.000 |  | 64 | 0.203 |  | 0.793 | 0.014 | 0.662 |
| R5M13 |  | 37 | 0.081 |  | 62 | 0.629 |  | 66 | 0.167 |  | 0.328 | 0.017 | 0.223 |
| R5M30 |  | 37 | 0.081 |  | 62 | 0.645 |  | 66 | 0.167 |  | 0.344 | 0.017 | 0.237 |
| R6M14 |  | 42 | 0.381 |  | 61 | 0.066 |  | 65 | 0.754 |  | 0.143 | 0.142 | 0.490 |
| R6M30 |  | 43 | 0.093 |  | 63 | 0.579 |  | 66 | 0.038 |  | 0.265 | 0.013 | 0.344 |
| R6M44 |  | 43 | 0.349 |  | 63 | 0.992 |  | 66 | 0.068 |  | 0.468 | 0.119 | 0.857 |
| R7M7 |  | 37 | 0.297 |  | 63 | 0.000 |  | 62 | 0.686 |  | 0.175 | 0.151 | 0.521 |
| R7M20 |  | 38 | 0.237 |  | 63 | 0.667 |  | 66 | 0.068 |  | 0.187 | 0.055 | 0.385 |
| R7M37 |  | 43 | 0.279 |  | 61 | 0.180 |  | 66 | 0.932 |  | 0.014 | 0.446 | 0.572 |
| R8M23 |  | 43 | 0.000 |  | 63 | 0.587 |  | 65 | 0.000 |  | 0.416 | 0.000 | 0.416 |
| R8M33 |  | 43 | 0.326 |  | 63 | 0.024 |  | 66 | 0.841 |  | 0.158 | 0.273 | 0.680 |
| R8M46 |  | 43 | 0.384 |  | 63 | 0.016 |  | 65 | 0.969 |  | 0.212 | 0.392 | 0.909 |
| R9M10 |  | 43 | 0.221 |  | 63 | 0.048 |  | 61 | 0.705 |  | 0.065 | 0.236 | 0.460 |
| R9M20 |  | 40 | 0.200 |  | 63 | 0.571 |  | 60 | 0.083 |  | 0.146 | 0.028 | 0.270 |
| R9M30 |  | 43 | 0.291 |  | 62 | 0.032 |  | 65 | 0.800 |  | 0.123 | 0.262 | 0.607 |
| R9M42 |  | 43 | 0.140 |  | 63 | 1.000 |  | 66 | 0.015 |  | 0.755 | 0.055 | 0.970 |
| R10M10 |  | 43 | 0.093 |  | 61 | 0.090 |  | 66 | 0.409 |  | 0.000 | 0.133 | 0.136 |
| R10M17 |  | 42 | 0.417 |  | 63 | 0.722 |  | 66 | 0.061 |  | 0.095 | 0.174 | 0.459 |
| R10M30 |  | 42 | 0.274 |  | 62 | 0.105 |  | 66 | 0.864 |  | 0.046 | 0.355 | 0.576 |
| R10M40 |  | 40 | 0.375 |  | 63 | 0.111 |  | 66 | 0.955 |  | 0.095 | 0.377 | 0.714 |
| R11M23 |  | 43 | 0.093 |  | 63 | 0.675 |  | 66 | 0.008 |  | 0.358 | 0.039 | 0.495 |
| R11M40 |  | 42 | 0.238 |  | 63 | 0.103 |  | 66 | 0.788 |  | 0.032 | 0.302 | 0.474 |
| R12M10 |  | 41 | 0.073 |  | 62 | 0.597 |  | 66 | 0.000 |  | 0.308 | 0.039 | 0.425 |
| R12M27 |  | 42 | 0.333 |  | 63 | 0.571 |  | 65 | 0.408 |  | 0.057 | 0.006 | 0.027 |
| R12M33 |  | 41 | 0.402 |  | 62 | 0.960 |  | 65 | 0.246 |  | 0.357 | 0.028 | 0.532 |
| R12M43 |  | 42 | 0.488 |  | 61 | 0.893 |  | 65 | 0.062 |  | 0.192 | 0.228 | 0.693 |

a Sample size.

b Frequency of the minor allele in wild rice and its corresponding frequencies in *japonica* and *indica*.

**Table S3.** List of PCR primers.

|  |  |  |  |
| --- | --- | --- | --- |
| Locus | Forward Primer (5' - 3') | Reverse Primer (5' - 3') | Expected Product Size (in base pairs) |
|  *japonica*(Nipponbare) | *indica*(93-11) |
| R1M7 | ATTCCTGGTTCTACATTACTTA | CGCCTCACTAGAATATCGGA | 191 | 154 |
| R1M20 | TTGGAACAGGGAAGAAGC | AGGACATAGTTGTAATGGGTAG | 263 | 221 |
| R1M30 | AAGGGGCCCTAATTTATCTAG | TGTTTACTTTGTTCTTGGACTG | 246 | 197 |
| R1M37 | ATAGTTCGCCATCGTCAT | ACACGCCATAGCAAGGAA | 159 | 212 |
| R1M47 | AATAGAATTACTGATGAAACCTTA | GCCCGTTACCGCTTATGT | 159 | 108 |
| R2M10 | CCCAGTCTGCTGCCATCT | GAATGTATTTCAGTTCCAGTAAG | 134 | 182 |
| R2M24 | GGGCAACAACGGCTCTG | AGGGAATAAGGCGATACGG | 162 | 131 |
| R2M26 | GCAGCAAAGTGCGGAGTA | CAGGTGAATTGCCAATTT | 143 | 181 |
| R2M37 | ACTGTTACCCAAACGCTA | ACGTGCACCTACTACAGAAA | 212 | 147 |
| R2M50 | CCTGAAGGAAATGATAGCAATAG | GTTTTGTATGCTCTTCACTTGTC | 212 | 254 |
| R3M10 | CCGAGTACCATTGCTTTC | CTGCCATAGTTACTGCTCTGTT | 190 | 227 |
| R3M23 | TGCTTACAAGGGTCCAAT | GGAGGTGCCTACCAAGAG | 149 | 185 |
| R3M30 | AGGCTAAGTGAAGAAATAATAAG | CTCCGTATTCATTACTGGTTG | 175 | 199 |
| R3M37 | GCATTGAATTGTACTCTTATTATAT | ACGAATCAAAAGGAGACTAAAAT | 186 | 242 |
| R3M53 | ACACTGGCTACGGCAAAG | TTTGTTCGGGAATAATGATGC | 204 | 169 |
| R4M13 | TACACGGTAGACATCCAACA | ATGATTTAACCGTAGATTGG | 169 | 201 |
| R4M17 | AGTGCTCGGTTTTGTTTTC | GTCAGATATAATTGATGGATGTA | 169 | 220 |
| R4M30 | GCTTCTCCTGGTTGTATGC | AAAATAGGGAGGCAGATAGAC | 173 | 133 |
| R4M43 | CTTGAACCTGAGTGAGTGG | CGATGAAAATGATGTCTA | 160 | 194 |
| R4M50 | TTTTGTGAAACTTGACCCTC | GCGTCCATGTCTTTATTGTG | 132 | 165 |
| R5M13 | GAGAAAGAGTGGAAGGAG | AGTATCGTCAGGAGGGTC | 175 | 207 |
| R5M30 | CTCAATTTCACCCATCCC | CGCTCCGTCTCCAACCTC | 224 | 178 |
| R6M14 | AAATGTCCATGTGTTTGCTTC | CATGTGTGGAATGTGGTTG | 251 | 217 |
| R6M30 | CACAAGCCGTAGCAGAGC | TCACGAAAAAGACCCCAAG | 181 | 147 |
| R6M44 | TTAGGAATAAAGGCTGGATA | TTACCGTTAATAGGTGGAA | 156 | 122 |
| R7M7 | ACCTTCCCTCCCCTTTTGAT | AACTTGGTCTTCCTGTTTTATTG | 200 | 133 |
| R7M20 | GTTTTGTGCATTCCTTTAC | TTTATGACATTTTGACCG | 200 | 266 |
| R7M37 | CAGCCCTAAATCTAAATACCC | ACGTTGAGACAGGCGAGC | 173 | 137 |
| R8M23 | CCTATTCACTCTACCGACAT | GTTTAGTTCCCATTGCTTT | 121 | 157 |
| R8M33 | CGAAAGAGGAGAGGGGTAGT | CGAAAACGAGAAACAAATA | 205 | 167 |
| R8M46 | CAGCAGAGTCCAGAGAAGAT | GCATAAGATGGCGAGTGA | 113 | 83 |
| R9M10 | CTTTGGATTCAGGGGGA | AACTTGAAACGGAGGCAG | 135 | 178 |
| R9M20 | ACTGCTTTGATGGCTTGTG | CTCCCCAAACTGAATCC | 142 | 182 |
| R9M30 | CTCACCTACCTAAAACCCAAC | CCACCCAAATCTGATACTG | 153 | 185 |
| R9M42 | CTATAAGACCAAAACGAAAACT | GAAAACCATTGTGTCACTGTA | 164 | 212 |
| R10M10 | GAATACAACCCCCTAAAAAC | ATGGACCGTTGAGGAGAC | 170 | 132 |
| R10M17 | TGAACAATAAACCACAGAAGCA | CCCTTTATTCCCTCCTTTG | 152 | 183 |
| R10M30 | CCCTAAAAATAGAGCAACCT | ACCCATAATACTACCAATCAAC | 152 | 133 |
| R10M40 | GTCCCTAGGCCATCTCTTG | GCGAATAGGGGTGGACAG | 166 | 133 |
| R11M23 | AAGGTTGACAAGGACAGAAG | TCGCAGGAATGGATAAAA | 212 | 254 |
| R11M40 | AAGAAAAATATCTATTGAGGAGTG | GGAGGACCATAAATGACGG | 178 | 137 |
| R12M10 | ATCATTTCAGCCTGTGCC | AGCTTAATAGGGGGGACG | 214 | 261 |
| R12M27 | ATTTCATTGCCATCAGTT | GTAATCTTCTATCCGTTCA | 155 | 188 |
| R12M33 | TTGATGATAGTATTTGCTGATG | AGATAGTGTCGGCGGTGG | 208 | 250 |
| R12M43 | CCGCCGAGAAGAAACAAAG | CCCAAGAACAGGATTACA | 193 | 163 |

**References**

Lu BR, Cai XX and Jin X (2009) Efficient *indica* and *japonica* rice identification based on the InDel molecular method: Its implication in rice breeding and evolutionary research. *Progress in Natural Science* 19: 1241-1252.