

DOI: 10.17957/IJAB/15.1554 (IJAB-20-0658)

### Supplementary Data

**Table S1:** Primer sequences and expected product sizes of SSR and STS markers used for screening 10 rice cultivars for *Xa-R* gene allelic state

Gene	Linked Marker	Primer Forward (5'~3')	Primer Reverse (5'~3')	Expected Product size	Reference
<i>Xa2</i>	RM-317 (SSR)	CATACTTACCAGTTCACCGCC	CTGGAGAGTGTCTAGCTAGTTGA	154	(Singh et al., 2015a)
<i>Xa4</i>	RM-224 (SSR)	ATCGATCGATCTTCACGAGG	TGCTATAAAAGGCATTCGGG	160	(Singh et al., 2015a)
<i>xa5</i>	RM-13 (SSR)	TCCAACATGGCAAGAGAGAG	GGTGGCATTTCGATTCCAG	139	(Singh et al., 2015a)
<i>xa13</i>	xa-13-prom (SSR)	GGCCATGGCTCAGTGTTTAT	GAGCTCCAGCTCTCCAAATG	498	(Singh et al., 2015a)
<i>Xa21</i>	pTA248 (STS)	AGACGCGGAAGGGTGGTTCCCGGA	AGACGCGGTAATCGAAGATGAAA	982	(Singh et al., 2015a)

**Table S2:** Information on primer sequences of the genes used for quantitative real-time PCR analysis of resistant and susceptible rice cultivars

Gene	Primer Forward (5'~ 3')	Primer Reverse (5'~ 3')	Expected size	Product
<i>OsUBI</i>	GACGGACGCACCCTGGCTGA	TGCTGCCAATTACCATATAC	395	
<i>OsJAZ8</i>	GTTACCCACCTCAGCCTCAC	TTTATACGGCGAAACCGAAC	100	
<i>OsPR1a</i>	AGTTCGTCGAGCAGGTTATC	AGATTGGCCGACGAAGTTG	200	
<i>OsPR10b</i>	TGTGGAAGGTCTGCTTGA	CACTCGTGAAGCAAAAACAC	133	
<i>OsWRKY4</i>	GGACCAGGGCGATGTCACGT	TGTCCATCCATGATTCTTCG	117	

>[ref|NR\\_026319.1](#) *Xanthomonas oryzae* strain LMG 5047 16S ribosomal RNA gene, partial sequence

Length=1502

Score = 2641 bits (1430), Expect = 0.0  
Identities = 1430/1430 (100%), Gaps = 0/1430 (0%)  
Strand=Plus/Plus

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K1 (qry) 10   AGTGAACGCTGGCGGCAGGCCTAACACATGCAAGTCGAACGGCAGCACAGTAAGAGCTTG 69
|||||
K1 (sbj) 1    AGTGAACGCTGGCGGCAGGCCTAACACATGCAAGTCGAACGGCAGCACAGTAAGAGCTTG 60

K1 (qry) 70   CTCTTATGGGTGGCGAGTGGCGGACGGGTGAGGAATACATCGGAATCTACTCTTTCGTGG 129
|||||
K1 (sbj) 61   CTCTTATGGGTGGCGAGTGGCGGACGGGTGAGGAATACATCGGAATCTACTCTTTCGTGG 120

K1 (qry) 130  GGGATAACGTAGGGAAACTTACGCTAATACCGCATAACGACTACGGGTGAAAGCGGAGGA 189
|||||
K1 (sbj) 121  GGGATAACGTAGGGAAACTTACGCTAATACCGCATAACGACTACGGGTGAAAGCGGAGGA 180

K1 (qry) 190  CCTTCGGGCTTCGCGCGATTGAATGAGCCGATGTCGGATTAGCTAGTTGGCGGGGTAAAG 249
|||||
K1 (sbj) 181  CCTTCGGGCTTCGCGCGATTGAATGAGCCGATGTCGGATTAGCTAGTTGGCGGGGTAAAG 240

K1 (qry) 250  GCCCACC AAGGCGACGATCCGTAGCTGGTCTGAGAGGATGATCAGCCACACTGGA ACTGA 309
|||||
K1 (sbj) 241  GCCCACC AAGGCGACGATCCGTAGCTGGTCTGAGAGGATGATCAGCCACACTGGA ACTGA 300

K1 (qry) 310  GACACGGTCCAGACTCCTACGGGAGGCAGCAGTGGGGAATATTGGACAATGGGCGCAAGC 369
|||||
K1 (sbj) 301  GACACGGTCCAGACTCCTACGGGAGGCAGCAGTGGGGAATATTGGACAATGGGCGCAAGC 360

K1 (qry) 370  CTGATCCAGCCATGCCGCGTGGGTGAAGAAGGCCCTTCGGGTTGTAAGCCCTTTTGTGG 429
|||||
K1 (sbj) 361  CTGATCCAGCCATGCCGCGTGGGTGAAGAAGGCCCTTCGGGTTGTAAGCCCTTTTGTGG 420

K1 (qry) 430  GAAAGAAAAGCAGTCGGTTAATAACCGATTGTTCTGACGGTACCCAAAGAATAAGCACCG 489
|||||
K1 (sbj) 421  GAAAGAAAAGCAGTCGGTTAATAACCGATTGTTCTGACGGTACCCAAAGAATAAGCACCG 480

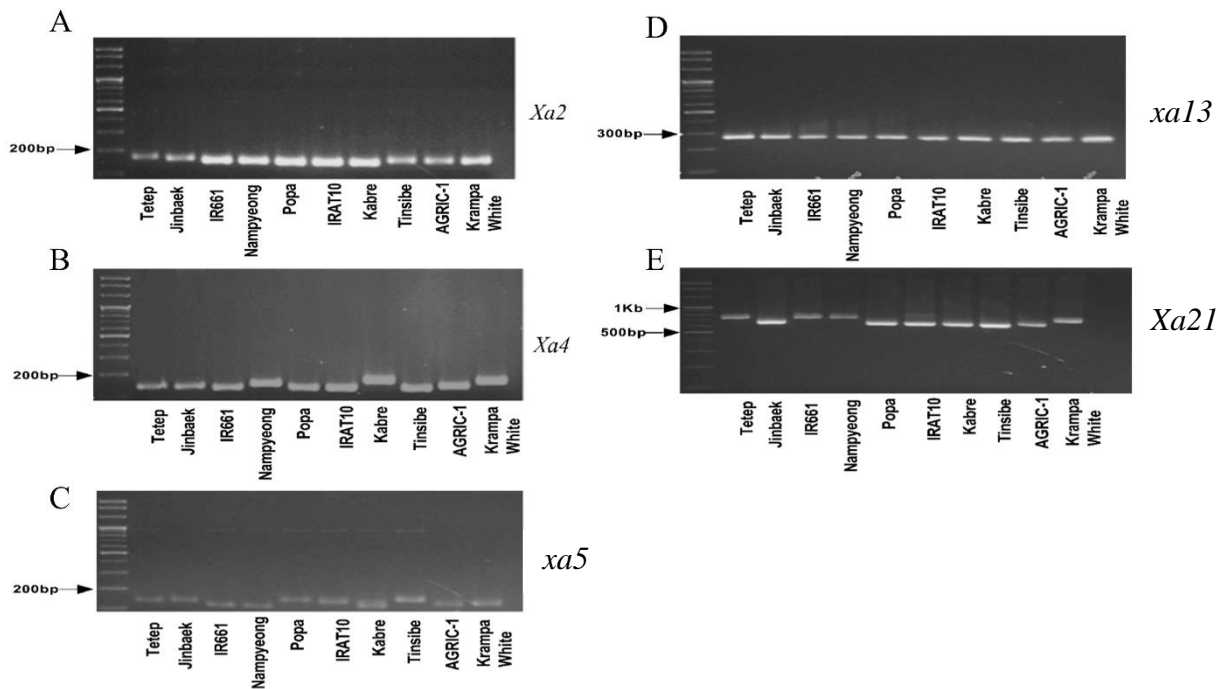
K1 (qry) 490  GCTAACTTCGTGCCAGCAGCCGCGGTAATACGAAGGGTGCAAGCGTTACTCGGAATTACT 549
|||||
K1 (sbj) 481  GCTAACTTCGTGCCAGCAGCCGCGGTAATACGAAGGGTGCAAGCGTTACTCGGAATTACT 540

K1 (qry) 550  GGGCGTAAAGCGTGCGTAGGTGGTGGTTTAAAGTCTGTTGTGAAAGCCCTGGGCTCAACCT 609
|||||
K1 (sbj) 541  GGGCGTAAAGCGTGCGTAGGTGGTGGTTTAAAGTCTGTTGTGAAAGCCCTGGGCTCAACCT 600

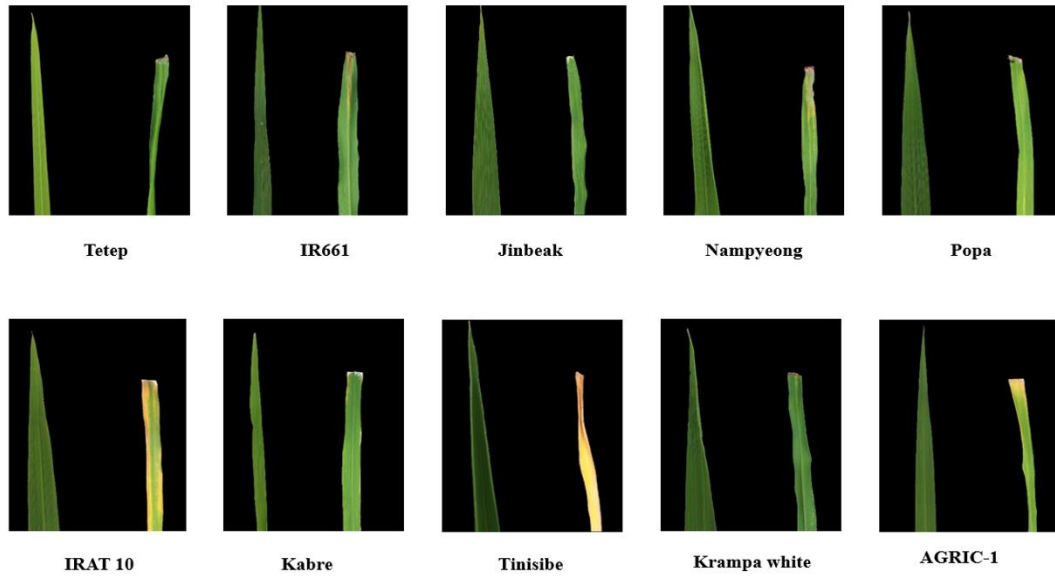
K1 (qry) 610  GGAATTGCAGTGGATACTGGGTCACTAGAGTGTGGTAGAGGGTAGCGGAATCCCGGTG 669
|||||
K1 (sbj) 601  GGAATTGCAGTGGATACTGGGTCACTAGAGTGTGGTAGAGGGTAGCGGAATCCCGGTG 660

K1 (qry) 670  TAGCAGTGAAATGCGTAGAGATCGGGAGGAACATCAGTGGCGAAGGCGGCTACCTGGACC 729
|||||
K1 (sbj) 661  TAGCAGTGAAATGCGTAGAGATCGGGAGGAACATCAGTGGCGAAGGCGGCTACCTGGACC 720
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**Fig. S1.** 16srRNA alignment of sequencing results confirming the K1 strain of *Xoo*.



**Fig. S2:** STS/SSR marker analysis of 10 rice cultivars. A 3% agarose gel was used to visualize absence or presence of selected markers. If a marker was visible, the exact size of the band was marked as present, and if not then absent. **(A)** *Xa2* BLB resistant marker is present if above 154 bp. **(B)** *Xa4* present above 160 bp **(C)** *xa5* present above 139 bp, **(D)** *xa13* present above 498bp and **(E)** *Xa21* present above 982bp.



**Fig. S3:** Phenotypic evaluation of symptoms of different cultivars after inoculation with *Xoo*