**Supplementary Table S1. Primers in this study**

| Primer name | Sequence (5'- 3') | Usage |
|---|---|---|
| OsMAP1-F | ATGGATCCAAATCCGAATCCGGCCATGG | Overexprssion of *OsMAP1* expression in rice protoplast |
| OsMAP1-R | ATAAGCTTCTGGTAATCAGGGTTGAACGCAAG | |
| OsMAP5-F | ATGGATCCAAGAGGAGGAGGGATTAGGGATGG | Overexprssion of *OsMAP5* expression in rice protoplast |
| OsMAP5-R | ATAAGCTTGTACCGGATGTTTGGGTTCATCTC | |
| AvrBs2-F | CCGGATCCAGGGTACCATGCGTATAGGTCCTCCGCAAAC | Overexprssion of *avrBs2* in rice protoplasts |
| AvrBs2-R | CCCTCGAGCTCCGGCTCGGTCTGGTTG | |
| XopC-F | GGGAATTCATGTGGCACGTTCAAGGTCATG | Overexprssion of *XopC* in rice protoplasts |
| XopC-R | CCCTCGAGTTTCCGGGCTTTCTCAACCAC | |
| XopF-F | GGGAATTCATGAAACTCTCCGGCGGTATC | Overexprssion of *XopF* in rice protoplasts |
| XopF-R | GCCCTCGAGTGCTCGCCCGCTTTGCCACT | |
| XopK-F | GGGAATTCATGCGCGTCCAGCGATCCACAGC | Overexprssion of *XopK* in rice protoplasts |
| XopK-R | CCCTCGAGGGTCGTGGACGCAGCAGCCTGTTC | |
| XopL-F | GGGAATTCATGAGGAAGGCGATGCGACGCGTC | Overexprssion of *XopL* in rice protoplasts |
| XopL-R | CCCTCGAGCGAAGGTTCCGAGGTTG | |
| XopN-F | CCGGATCCAGGGTACCAATACGCCCAGTTCCAGGCTG | Overexprssion of *XopN* in rice protoplasts |
| XopN-R | CCCTCGAGCGCCGGCGGCAGTGCCCGATCCT | |
| XopP-F | GGGAATTCATGTCACGCACATCGACATGAG | Overexprssion of *XopP* in rice protoplasts |
| XopP-R | CCCCTCGAGCTGTTGCCCACCAGCGCCAG | |
| XopQ-F | GGGAATTCATGCAGCCCACCGCAATCCGCTC | Overexprssion of *XopQ* in rice protoplasts |
| XopQ-R | CCGTCGACGCGCGCATGTTCCCCCTCGTC | |
| XopR-F | GGGAATTCATGCGCACGAATTTTCTTCCGCG | Overexprssion of *XopR* in rice protoplasts |
| XopR-R | CCGGATCCTCGGTAACCGTTCTCCATTGAG | |
| XopU-F | CAGGTACCGGGATCCGAATGAGGTGTCAGCCCATGACTC | Overexprssion of *XopU* in rice protoplasts |
| XopU-R | CCCTCGAGCGCGCGCCGACGCTGCCTGGCCTGCTT | |
| XopV-F | GGGAATTCATGAAAATCTCCGGCTCAGCGTC | Overexprssion of *XopV* in rice protoplasts |
| XopV-R | CCGAATCCTTCACCGTTAGGGTCAGAATG | |
| XopW-F | CCGGATCCAGGGTACCATGAAACCGAGCCACATCGGCAA | Overexprssion of *XopW* in rice protoplasts |
| XopW-R | CCCTCGAGAATTCGACTGCCGCTACTGGAG | |
| XopX-F | GGGAATTCATGCTGTGGCTGCGCCTGTTC | Overexprssion of *XopX* in rice protoplasts |
| XopX-R | CCCTCGAGATGCAGCGTCGAAGGACGGTC | |
| XopY-F | GGGAATTCATGCGCCCTGTCCAGCCCAATC | Overexprssion of *XopY* in rice protoplasts |
| XopY-R | CCCTCGAGCCGCCGGAAGACCGACTG | |
| XopZ-F | CCGGATCCACATGGGTCGCTTGCCTGCACCCG | Overexprssion of *XopZ* in rice protoplasts |
| XopZ-R | CCGGATCCCTCGAGCGGGACTGGCTCGTAGGGAATC | |
| XopAA-F | GGAGATCTCGGGTACCATGCAAATCAAAACCGCAAGCCA | Overexprssion of *XopAA* in rice protoplasts |
| XopAA-R | CCGGATCCCGACTGAGGCGCCGGCTGCA | |
| XopAB-F | GGGAATTCATGCCTCGCTCGCCAACTGCCT | Overexprssion of *XopAB* in rice protoplasts |
| XopAB-R | CCCTCGAGCACCAAGTCCTTGGCGTGTTTG | |

| | | |
|---|---|---|
| XopN-F1 | CTTCTAGATACCCGACTTTCCTTTTGCTCTG | 5' region flanking *SacB* for mutagenesis of *XopN* in *Xoo* |
| XopN-R1 | GCTTCAACATGATGCAGCAGGTTTCATCAC | |
| XopN-F2 | CTGCTGCATCATGTTGAAGCGCTGTTGAGTC | 3' region flanking *SacB* for mutagenesis of *XopN* in *Xoo* |
| XopN-R2 | AAGTCGACAAGACCTTCAACAGCGGCTACG | |
| XopV-F1 | ATGGATCCGGCACATTGAGAAACAACAC | 5' region flanking *SacB* for mutagenesis of *XopV* in *Xoo* |
| XopV-R1 | CCATTACTGGGGATGGGTGAGCTGAAAATG | |
| XopV-F2 | CACCCATCCCCAGTAATGGCAGCTTGGTCATC | 3' region flanking *SacB* for mutagenesis of *XopV* in *Xoo* |
| XopV-R2 | ATCTGCAGACCGTTAGGGTCAGAATGTGC | |
| XopZ-F1 | TAGGATCCACAGGATCATCGAATGCAC | 5' region flanking *SacB* for mutagenesis of *XopZ* in *Xoo* |
| XopZ-R1 | CGAAGAGTTGGATGGATGCGAGATTGTCTC | |
| XopZ-F2 | CGCATCCATCCAACTCTTCGACCACCGAATC | 3' region flanking *SacB* for mutagenesis of *XopZ* in *Xoo* |
| XopZ-R2 | ACCTGCAGTCAGCGAGGCGAATTTGTTGTC | |
| flic-F | atgGGATCCATGGCACAAGTAATCAACACCAAC | PCR-amplification of fliC for preparation o f flagellin |
| flic-R | ccaaagcTTACTGCAGCAGGCTCAGCACGT | |

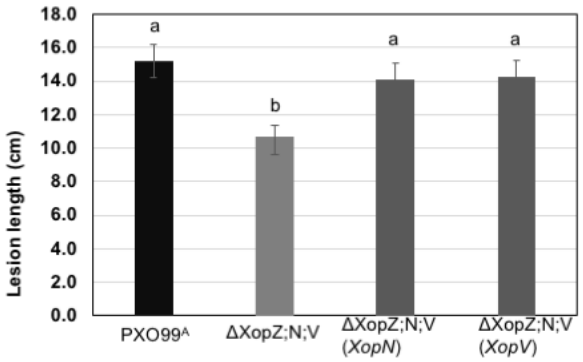


**Figure S1. Complementation of triple mutant (ΔXopZ;N;V) with Non-TAL effectors XopN and XopV for pathogenicity in rice Kitaake.** Measurements of lesion lengths caused by PXO99$^{A}$ and its derivatives mutants as indicated below each column. The measurements each were obtained from 10 leaves of five rice plants of Kitaake (two leaves per plant). Values with the same lowercase letters above columns do not differ significantly at the <0.5 level using Tukey statistics and ANOVA analysis. Bars indicate standard deviation (SD).