

Supplementary Material for

SMRT SEQUENCING OF *XANTHOMONAS ORYZAE* GENOMES REVEALS A DYNAMIC STRUCTURE AND COMPLEX TAL EFFECTOR GENE RELATIONSHIPS

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File S3. Southern blot confirming the internal deletion in *tal7b* or *tal8b* of PXO99A. The blot was prepared using *SphI*-digested genomic DNA of the sequenced PXO99A accession (PXO99A-s) and another accession of PXO99A that lacks the 212 kb duplication (PXO99A-B; see text). The blot was probed with the *SphI* fragment of *avrXa7* using the AlkPhos Direct Labeling and Detection System with CDP-Star (GE Healthcare Life Sciences, Pittsburgh, PA) according to manufacturer's directions. Arrows mark the *SphI* fragment of the full length *tal7b* or *tal8b* gene and that of the gene with the internal deletion. Note that the *SphI* fragment of the full-length gene co-migrates with those of *tal6a* and *tal9a*, which have the same number of repeats.

