Appendix A  Functional map and molecular analysis of the *imp* mutation in *X. oryzae* pv. *oryzicola* RS105. The physical location and orientation of *Xoc_3248*, encoding Imp, and adjacent ORFs are shown using the genome sequence of *Xoc* BLS256 strain as a reference (http://cmr.jcvi.org/cgi-bin/CMR/GenomePage.cgi?org=Xoc). Arrows indicate the orientation of ORFs, and horizontal lines indicate intergenic sequences. A triangle arrow presents a Tn5-insertion in *Xoc_3248* resulting in a mutant Mxoc0031. A functional map of the region containing the 966-bp *imp* deletion is shown. Deletion of *imp* was confirmed by PCR with the primer pair upF/downR and by Southern hybridization. RS105, wild-type strain; RΔimp, *imp* deletion mutant; M, DL2000 DNA marker (TaKaRa).
Appendix B  The expression of hrpA1, hrcC, hrpD5 and hrpE in *X. oryzae* pv. oryzicola measured by real-time quantitative RT-PCR (qRT-PCR). The bacterial cells of the wild-type strain RS105 and the imp mutant RΔimp were collected from bacterial infiltrated regions of rice leaves (12 h post infiltration) for RNA extraction. Data represent the mean ± SD of triplicate measurements from a representative experiment. Similar results were obtained in two other independent experiments. Columns marked with an asterisk mean a significant difference at $P=0.01$ (student’s $t$-test).