



附图 2 *OsWRKY42* 干扰植株中病程相关蛋白质的表达特征

以接种 3 天、6 天的叶片(病斑线 $\pm 1$ cm)为材料, 通过 SDS-PAGE 或者 Tricine-SDS-PAGE 分离总蛋白质, 一抗为抗病程相关蛋白质抗体, 分别为抗 *OsPR1a*、抗 *OsPR1b* 及抗 *OsPR10a* 多克隆抗体(Wu et al., 2011); 抗 *OsPR2*、抗 *OsPR5*、抗 *OsPR6*、抗 *OsPR15* 及抗 *OsPR16* 多克隆抗体(Hou et al., 2012)和抗 *OsHSP82* 单克隆抗体(Li et al., 2011)。抗 *OsGST* 多克隆抗体(Bai et al., 2012)。其它抗体购自北京华大蛋白质研发中心有限公司。TP309: 对照植株; 4021: 带有 *Xa21* 的转基因 TP309 植株; R01、R02 和 R03 是 *OsWRKY42-RNAi* 转基因株系。红框内为正文(图 6)展示的部分。

**Appendix figure 2** Expression profiling of pathogenesis-related proteins in inoculated leaves

Equal amounts of total protein, isolated from inoculated leaves ( $\pm 1$ cm within lesion line) of 3-day or 6-day, were resolved by SDS-PAGE or Tricine-SDS-PAGE. The antibodies were anti-*OsPR1a*, *OsPR1b* and *OsPR10a* polyclonal antibodies (Wu et al., 2011); anti-*OsPR2*, *OsPR6*, *OsPR15* and *OsPR16* polyclonal antibodies (Hou et al., 2012) and anti-*OsHSP82* monoclonal antibody (Li et al., 2011); anti-*OsGST* polyclonal antibody (Bai et al., 2012). Other antibodies used in this study were purchased from Beijing Protein innovation Co., Ltd. TP309: Wild type plant; 4021: transgenic TP309 plant carrying *Xa21*; R01, R02, and R03 are *OsWRKY42-RNAi* transgenic lines. The red frames indicate the portion demonstrated in figure 6.