



Figure S8 The expression heatmap of annotated NLR genes from the transcriptome experiment of pathogen inoculation . Red cell indicated higher expression level, and blue cell represented lower expression level. Left black and grey bar represented the different expression pattern. (A) The expression heatmap from the *Fusarium graminearum* infects wheat spikes and causes Fusarium head blight (FHB). Fhb1+ represented resistant line and Fhb1- represented susceptible lines. -1 and -2 represented two replications. (B) The expression heatmap from the powdery mildew pathogen inoculation. (C) The expression heatmap from stripe rust pathogen inoculation. (D) The expression heatmap from *Xanthomonas translucens* (Xt) pathogen infection. Plants inoculated with water were used as controls. Data was downloaded from <http://202.194.139.32/expression/wheat.html>. This figure was generated using R package “pheatmap”. Genes without expression data were not showed. The experiment was carried out with three biological replications, and average values of three replications was used to plot the heatmap.