



Fig. S3. Volcano plots of differentially expressed genes (DEGs) showing the fold change vs. the p-value in (A) WT (10 h versus 8 h, 12 h versus 10 h, and 15 h versus 12 h), (B) R211E (10 h versus 8 h, 12 h versus 10 h, and 15 h versus 12 h), and (C) R211E versus WT (8 h, 10 h, 12 h, and 15 h). Yellow and blue dots indicate up- and down-regulated DEGs with significant differences satisfying the DEG rules, respectively ($p\text{-value} < 0.05$, $|\text{fold change}| \geq 2$). Gray dots indicate non-differentially expressed genes.