

Additional file 6. Cluster profiles of *Fusarium graminearum* CAZyme genes during infection of wheat or barley and conidium germination. All time-series have been transformed to $(0, v_{1-v_0}, \dots, v_{n-v_0})$ so that the time series starts at 0. The software Mayday 2.13 [50] was used to construct the k-means clustering with Pearson correlation distance measure and 9 clusters. FG1 and FG15 were expression profiles of *F. graminearum* CAZyme genes during infection of barley spikes and wheat heads, respectively. FG7 panels were expression profiles of these genes during conidium germination.

