

Description of Additional Supplementary Files

File Name: Supplementary Movie 1

Description: 100 ns MD simulation for one molecule of PCN with MD2.

File Name: Supplementary Movie 2

Description: 100 ns MD simulation for two molecules of PCN with MD2.

File Name: Supplementary Movie 3

Description: 100 ns MD simulation for three molecules of PCN with MD2.

File Name: Supplementary Data 1

Description: Relative fitness of each yeast mutant in the presence of PCN.

File Name: Supplementary Data 2

Description: Tested yeast mutants for PCN sensitivity.

File Name: Supplementary Data 3

Description: Gene IDs of partial tested mutants in *F. graminearum*.

File Name: Supplementary Data 4

Description: Penetration related genes in *F. graminearum*.

File Name: Supplementary Data 5

Description: Primers used in this study.