

Additional file 3. Amino-acid substitutions in the GH18 catalytic site of oomycete species

Species	Protein	GenBank accession number	Conserved consensus sequence (N-terminal → C-terminal)								
			(LIVMFY)	(DN)	G	(LIVMFY)	(DN)	(LIVMFY)	(DN)	X	E
<i>Aphanomyces astaci</i>	Chi2	ABK59977			F						
<i>A. astaci</i>	Chi3	ACJ66260			F						
<i>A. helicoides</i>	Chi1	AAX59706			F						
<i>A. laevis</i>	Chi1	AAX59705			F						
<i>A. repetans</i>	Chi1	ACB12070			F						
<i>Achlya racemosa</i>	Chi1	AAX59707			F						
<i>Leptolegnia caudata</i>	Chi1	AAX59708			F						
<i>Saprolegnia parasitica</i>	Chi1	AAX59704			F						
<i>Trichosporon cutaneum</i>	Chi1	AAX59703			F						

blue: oomycetes; grey: fungus