

Table 3 Gene Ontology (GO) classification of fungal secreted proteins

GO ID	Count	%	GO description
Molecular function			
GO:0016798	16132	30.9	hydrolase activity, acting on glycosyl bonds
GO:0043167	11011	21.1	ion binding
GO:0008233	8182	15.7	peptidase activity
GO:0016491	7305	14.0	oxidoreductase activity
GO:0016829	1710	3.3	lyase activity
GO:0016791	1439	2.8	phosphatase activity
GO:0016810	1242	2.4	hydrolase activity, acting on carbon-nitrogen (but not peptide) bonds
GO:0016853	1010	1.9	isomerase activity
Others	4136	7.9	including 32 other GO categories
Total	52167		
Biological process			
GO:0009056	21356	24.6	catabolic process
GO:0005975	19039	22.0	carbohydrate metabolic process
GO:0071554	5584	6.4	cell wall organization or biogenesis
GO:0009058	3612	4.2	biosynthetic process
GO:0006629	3463	4.0	lipid metabolic process
GO:0006950	3405	3.9	response to stress
GO:0044281	3356	3.9	small molecule metabolic process
GO:0034641	3076	3.5	cellular nitrogen compound metabolic process
Others	23845	27.5	including 60 other GO categories
Total	86736		