Table 4 Highly encoded secreted protein families in fungi

Pfam ID	Members	%[a]	Pfam	Function
pfam00026	1473	3.4	Asp	Eukaryotic aspartyl protease
pfam00135	1419	3.2	COesterase	Carboxylesterase family
pfam01565	1395	3.2	FAD_binding_4	FAD binding domain
pfam00082	1279	2.9	Peptidase_S8	Subtilase family
pfam03443	1150	2.6	Glyco_hydro_61	Glycosyl hydrolase family 61
pfam00295	924	2.1	Glyco_hydro_28	Glycosyl hydrolases family 28
pfam00704	924	2.1	Glyco_hydro_18	Glycosyl hydrolases family 18
pfam05199	873	2.0	GMC_oxred_C	GMC oxidoreductase
pfam00450	845	1.9	Peptidase_S10	Serine carboxypeptidase
pfam00933	809	1.8	Glyco_hydro_3	Glycosyl hydrolase family 3 N terminal
pfam04389	695	1.6	Peptidase_M28	Peptidase family M28
pfam07732	651	1.5	Cu-oxidase_3	Multicopper oxidase
pfam00264	631	1.4	Tyrosinase	Common central domain of tyrosinase
pfam04616	591	1.3	Glyco_hydro_43	Glycosyl hydrolases family 43
pfam01083	569	1.3	Cutinase	Cutinase
pfam09286	519	1.2	Pro-kuma_activ	Pro-kumamolisin
pfam01522	486	1.1	Polysacc_deac_1	Polysaccharide deacetylase
pfam00150	454	1.0	Cellulase	Cellulase (glycosyl hydrolase family 5)
pfam09362	450	1.0	DUF1996	Domain of unknown function (DUF1996)
pfam00328	417	0.9	His_Phos_2	Histidine phosphatase superfamily (branch
pfam00840	410	0.9	Glyco_hydro_7	Glycosyl hydrolase family 7
pfam00188	400	0.9	CAP	Cysteine-rich secretory protein family
pfam01764	397	0.9	Lipase_3	Lipase (class 3)
pfam00544	393	0.9	Pec_lyase_C	Pectate lyase
pfam00331	381	0.9	Glyco_hydro_10	Glycosyl hydrolase family 10
pfam00457	377	0.9	Glyco_hydro_11	Glycosyl hydrolases family 11
pfam01055	366	0.8	Glyco_hydro_31	Glycosyl hydrolases family 31
pfam00246	348	0.8	Peptidase_M14	Zinc carboxypeptidase
pfam12708	337	0.8	Pectate_lyase_3	Pectate lyase superfamily protein
pfam07519	331	0.8	Tannase	Tannase and feruloyl esterase
pfam00722	325	0.7	Glyco_hydro_16	Glycosyl hydrolases family 16
pfam00394	303	0.7	Cu-oxidase	Multicopper oxidase
pfam13668	301	0.7	Ferritin_2	Ferritin-like domain

Note: [a] The percentage (%) was calculated based on a total of 43853 proteins having a Pfam match. The complete list can be downloaded (see text for details)