

**Supplemental Table 3. Genes that are phosphorylated in a MAK-2-dependent manner\* and differentially expressed in *App-1* versus wild-type germlings, *Δadv-1* versus wild-type germlings, or *Δadv-1* versus Wildtype hyphae\*\***

Gene	Annotation	Number of MAK-2 dependent phosphorylation sites (p<0.05)*
NCU05259	acyl-CoA desaturase-1	4
NCU09903	elongation factor 3-2	1
NCU03488	orotidine-5'-phosphate decarboxylase Pyr-4	9
NCU06419	map kinase kinase (mek-1)	3
NCU08283	integral membrane cation channel protein	2
NCU01068	BAR domain-containing protein	2
NCU03888	DUF500 and SH3 domain-containing protein	4
NCU05064	zinc finger transcription factor-33	8
NCU02526	hypothetical protein	3
NCU04661	hypothetical protein	5
NCU04732	Hyphal anastomosis-11 protein (ham-11)	6
NCU06117	hypothetical protein	1
NCU09545	methylenetetrahydrofolate reductase 2	4
NCU07192	determinant of communication 2 (doc-2)	16
NCU00340	transcription factor steA (pp-1)	7
NCU01504	calcineurin binding protein	6
NCU02794	Fso1	17
NCU00521	hypothetical protein	11
NCU08709	hypothetical protein	2
NCU06409	ribosome biogenesis-51	2
NCU09195	vacuolar membrane PQ loop repeat protein	1
NCU08228	glucose dehydrogenase-2	2
NCU04249	hypothetical protein	1
NCU06687	glycogen synthase	12
NCU05622	beta-Ala-His dipeptidase	1
NCU03043	C2H2 finger domain-containing protein FlbC	2
NCU02737	transport of metals-57	3
NCU04924	HAD-superfamily hydrolase	11
NCU05289	nucleolar GTP-binding protein 1	3
NCU03113	kinetochore protein-17	5
NCU08229	hypothetical protein	7
NCU09212	serine/threonine-protein kinase (camk-4)	5
NCU03253	hypothetical protein	6
NCU07398	hypothetical protein	4
NCU07389	Hyphal anastomosis protein 9 (ham-9)	7
NCU09352	far upstream element-binding protein 2	6
NCU01487	hypothetical protein	3
NCU07728	siderophore regulation protein	4
NCU09259	hypothetical protein	3
NCU11710	hypothetical protein	1

Differential expression defined here as  $-1 < \log_2 \text{FoldChange} < 1$  and  $p < 0.01$ . Genes were included if they were differentially expressed during at least one time point.

\*MAK-2-dependent phosphorylation data is available from Jonkers, *et al* (2016)

\*\**Δadv-1* versus wild-type hyphal data is available from Dekhang, *et al* (2017)