

Table S5. Swiss-Prot entries for 12 MHD-only proteins, and cross-references to genome and literature databases.

Swiss-Prot ID	Organism	Function	Swiss-Prot status	ENSEMBL gene ID / Genbank ID	PUBMED ID
S0DS79	<i>Gibberella fujikuroi</i>	Equisetin cluster transcription factor	Experimental evidence at transcript level	CCT65290	28379186
S4W775	<i>Fusarium heterosporum</i>	Equisetin cluster transcription factor	Protein predicted	KC439347	23614392
B6HMK4	<i>Penicillium rubens</i>	Sorbicillinoid biosynthetic cluster transcription factor 2	Protein predicted	CAP95406	28618182
Q5SBL4	<i>Fusarium heterosporum</i>	A cluster transcription factor fsdR	Protein predicted	AY700570	23614392
Q5AR44	<i>Aspergillus nidulans</i>	Transcription factor asqA	Protein predicted	CBF82261	25251934
D7PI12	<i>Penicillium aethiopicum</i>	Probable transcription factor gsfr1	Experimental evidence at protein level	GU574478.1	20534346
O59746	<i>Schizosaccharomyces pombe</i>	Uncharacterized transcriptional regulatory protein	Experimental evidence at protein level	SPBC530.11c	
Q9P7H9	<i>Schizosaccharomyces pombe</i>	Uncharacterized transcriptional regulatory protein	Protein inferred from homology	SPAC105.03c.1	
A0A5C1RF03	<i>Didymella fabae</i>	Ascochitine biosynthesis cluster transcriptional regulator	Protein inferred from homology	MN052632.1	31554725
D7UQ41	<i>Alternaria solani</i>	Probable transcription factor sol4	Protein predicted	AB514562	20486243
B8NJG5	<i>Aspergillus flavus</i>	Probable transcription factor lepB	Protein predicted	EED49864	20447271, 26051490
A6SSW6	<i>Botryotinia fuckeliana</i>	Transcription factor BOA15	Protein predicted	FR718884	21722295