

**S2 Table. Sequence comparison of RmtA in other fungal species.**

Species	Accession #	E-Value	Similarity	Identity
<i>Aspergillus oryzae</i>	XP_001818952.2	0	100	100
<i>Aspergillus terreus</i>	XP_001212165.1	0	96	91.5
<i>Aspergillus fumigatus</i>	XP_750368.2	0	93.5	89.5
<i>Aspergillus kawachii</i>	GAA89995.1	0	94.9	93.5
<i>Aspergillus niger</i>	XP_001398973.2	0	95.2	94.1
<i>Aspergillus nidulans</i>	CBF74424.1	0	91.2	86.9
<i>Neurospora crassa</i>	XP_963910.1	0	82.7	71.1
<i>Fusarium graminearum</i>	ESU06416.1	0	80.4	69
<i>Cryptococcus neoformans</i>	XP_569187.1	8.00E-153	73.7	59.6
<i>Schizosaccharomyces pombe</i>	NP_594825.2	9.00E-153	73	62.3
<i>Saccharomyces cerevisiae</i>	NP_009590.1	1.00E-148	71.2	59.2
<i>Candida albicans</i>	XP_718383.1	6.00E-133	68.2	53.8
<i>Rhodosporidium toruloides</i>	EMS18785.1	3.00E-158	75.9	61.9
<i>Puccinia graminis</i>	XP_003335266.2	2.00E-156	73.6	59.7
<i>Trichosporon asahii</i>	EJT52753.1	3.00E-155	73.8	61.3
<i>Coprinopsis cinerea</i>	XP_001830750.2	6.00E-143	69.4	56.7