

**Supplemental Table 1.** BLAST results of MPA1 protein in different species.

<b>Species</b>	<b>Protein</b>	<b>Score</b>	<b>Expect</b>	<b>Identities</b>	<b>Positives</b>	<b>Gaps</b>
<i>A. thaliana</i>	GI:22329112	89.4 bits (220)	2e-17	99/431 (22%)	73/431 (40%)	48/431 (11%)
<i>O. sativa</i>	GI:37805957	89.4 bits (220)	1e-17	86/343 (25%)	144/343 (41%)	25/343 (7%)
<i>H. sapiens</i>	GI:15451907	111 bits (278)	6e-24	128/513 (24%)	218/513 (42%)	83/513 (16%)
<i>M. musculus</i>	GI:16307131	113 bits (282)	1e-24	131/526 (24%)	224/526 (42%)	85/526 (16%)
<i>D. melanogaster</i>	GI:12083059	129 bits (323)	1e-29	143/563 (25%)	236/563 (41%)	74/563 (13%)
<i>C. elegans</i>	GI:17540512	115 bits (288)	1e-25	136/566 (24%)	227/566 (40%)	97/566 (17%)

