

**Table S2: Assessment of genome and annotation completeness using BUSCO.** The total number of Ascomycota BUSCO groups searched was 1315.

<b>Isolate</b>	<b>IPO323</b>	<b>1A5</b>	<b>1E4</b>	<b>3D1</b>	<b>3D7</b>
<b>Complete</b>	1287	1292	1290	1294	1273
<b>Complete (%)</b>	97.9	98.3	98.1	98.5	96.8
<b>Complete and single-copy</b>	1286	1291	1289	1292	1272
<b>Complete and duplicated</b>	1	1	1	2	1
<b>Fragmented</b>	11	13	12	12	27
<b>Missing</b>	17	10	13	9	15