

**Table S3.** Presence of telomeres at chromosomal ends for the two representative *Fusarium* species examined.

Chromosome number	<i>F. circinatum</i>		<i>F. temperatum</i>	
	B <sup>1</sup>	E <sup>2</sup>	B <sup>1</sup>	E <sup>2</sup>
1	✓	✗	✓	✓
2	✗	✓	✗	✗
3	✓	✓	✓	✓
4	✓	✓	✓	✓
5	✗	✓	✓	✗
6	✓	✗	✓	✓
7	✓	✓	✓	✓
8	✓	✗	✓	✗
9	✓	✓	✓	✓
10	✓	✓	✓	✓
11	✓	✓	✓	✓
12	✓	✓	✓	✓

<sup>1</sup>Beginning of chromosome.

<sup>2</sup>End of chromosome.