

**Table S3. Repeat content in fungal genomes**

<b>Species</b>	<b>Repeat (bases)</b>	<b>Assembly size (bases)</b>	<b>% of repeat</b>
<i>Rhizopus oryzae</i>	15,739,510	45,262,477	34.77%
<i>Neurospora crassa</i>	4,297,191	39,225,835	10.96%
<i>Magnaporthe grisea</i>	3,458,269	39,429,053	8.77%
<i>Aspergillus nidulans</i>	1,315,289	30,069,000	4.37%
<i>Aspergillus fumigatus</i>	2,744,799	29,384,958	9.34%
<i>Fusarium graminearum</i>	150,689	36,093,143	0.42%
<i>Ustilago maydis</i>	618,037	19,683,350	3.14%