

**Table S2.** The size difference between the chromosomes of four of the six *Fusarium* species.

<i>F. circinatum</i>			<i>F. fracticaudum</i>			<i>F. pininemorale</i>			<i>F. temperatum</i>		
Chromosome	Size (bp)	Fold	Chromosome	Size (bp)	Fold	Chromosome	Size (bp)	Fold	Chromosome	Size (bp)	Fold
1	6407589	1.06	1	6653466	1.02	1	6794846		1	6525753	1.04
2	5065897		2	4953649	1.02	2	5063039	1.00	2	5052385	1.00
3	5081688	1.03	3	4904252	1.06	3	5216703		3	4947561	1.05
4	4313068	1.10	4	4491441	1.05	4	4724792		4	4506647	1.05
5	4432453	1.09	5	4819172		5	4772958	1.01	5	4540351	1.06
6	4301695	1.08	6	4410177	1.05	6	4635304		6	4208847	1.10
7	3540654	1.02	7	3414008	1.06	7	3613395		7	3489342	1.04
8	3172515	1.05	8	3143385	1.06	8	3329509		8	3182830	1.05
9	2981544	1.03	9	2954973	1.04	9	3078815		9	2948229	1.04
10	2698620	1.02	10	2584499	1.06	10	2751664		10	2624843	1.05
11	2228220	1.07	11	2294545	1.04	11	2391144		11	2247932	1.06
12	525065	2.08	12	1094708		12	968722	1.13	12	986231	1.11

\*Indicated in red is the chromosome which has the largest size amongst the four investigated *Fusarium* species.