

Table S3 *P. tritici-repentis* assembly anchored to the optical maps

Optical Linkage group	Estimated Size (Mb)	Mapped Scaffolds	Scaffold Size (Mb)
chr1	10.166	10, 33, 18,1,17	9.504
chr2	5.206	16,2,25,23	4.322
chr3	3.708	12,14,13	3.361
chr4	3.301	3	3.079
chr5	3.151	5	2.677
chr6	2.951	4	2.787
chr7	2.753	30,15,11	2.612
chr8	2.391	8,24,26	2.115
chr9	2.287	9,22,27	2.026
chr10	2.204	6	1.985
chr11	2.113	7	1.888
Total	40.231		36.355