TABLE S1

Measurement of total chromosome lengths, unsynapsed regions (US), numbers of 180 degree coils and average distance between coils of three late zygotene nuclei and three late pachytene nuclei

	Total length of	US/total	Numbers of 180 degree	Distance between coils
Samples	chromosomes (um)	length	coils	(um)
late-zygotene cell 1	868	9.1%	242	3.26 <u>+</u> 1.85
late-zygotene cell 2	689	6.1%	240	2.70 <u>+</u> 1.18
late-zygotene cell 3	632	2.3%	290	2.13 <u>+</u> 1.11
Average for late-zygotene nuclei	729.6	5.8%	257.3	2.66 <u>+</u> 1.48
late-pachytene cell 1	434	0%	335	1.29 <u>+</u> 0.34
late-pachytene cell 2	421	0%	315	1.33 <u>+</u> 0.45
late-pachytene cell 3	472	0%	340	1.38 <u>+</u> 0.48
Average for late pachytene nuclei	442.3	0%	330	1.34 <u>+</u> 0.43