green in the translocated region of TB-9b; one yellow stripe in the translocated region of TB-7.

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1. Crossing-over in the A_2-Bt-Pr region.

Recombination data for markers of chromosome 5 in different genetic backgrounds are reported in the following table (backcross of the multiple recessive to heterozygous seed plants possessing T cytoplasm):

Genetic backgrounds	Kernel classes					
	A Bt Pr	A bt pr	A Bt pr	A bt Pr	a Bt	a bt
A 158	1725	76	335	59	139	1905
W 22	1320	59	383	31	69	1648

From these data the following recombination frequencies and standard errors may be calculated:

	Region A-Bt	Region Bt-Pr	Double recomb.
A 158	6.5 ± 0.4	17.9 ± 0.8	3.3 ± 0.4
W 22	4.5 ± 0.1	23.0 ± 0.6	2.3 ± 0.4

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1. Another isolation of the En-Spm system.

Two pale green plants with sectors of dark green were present in a 13 plant progeny of a second generation self in a corn breeding nursery in 1959. The unstable pale green plants were outcrossed as males to available silks in an inbred nursery. The unstable pale green phenotype again appeared in the F_2. Pollen from these unstable pale green plants