

TABLE 1

Distribution of IS elements among 118 individual colonies recovered from an old stab culture of strain W3110

	IS1	IS2	IS3	IS4	IS5	IS30	IS150	IS186	All 8 IS elements
No. of IS copies per chromosome: ^a									
Standard strain W3110	6	14	6	1	>23	5	1	3	>59
Range in our 118 subclones	7	8-11	4-7	1-2	9-19	4-10	1-2	3	40-55
Subclone #57	7	9	5	1	11	4	1	3	41
Subclone #42	7	8	5	1	12	4	1	3	41
Hybridization patterns: ^b									
Number of patterns	1	8	8	2	46	15	3	2	68 ^c
Unique patterns ^d	0	3	3	1	34	7	2	1	51 ^c

^a The range of copy number for each IS element is compared to published data of a standard strain after BIRKENBIHL and VIELMETTER (1989, 1990). Subclones #42 and #57 are the closest to the putative ancestor.

^b The number of different patterns illustrates the variability related to each IS element.

^c The total number of patterns differs from the sum of patterns per IS because some individuals showed modifications with more than one IS probe.

^d Unique patterns are those observed in only one of the 118 subclones.