

Table S2 Distribution of *Ds* insertions on yeast chromosomes

Yeast chromosome			<i>Ds</i> insertions					
No.	Size in kb	% of genome	<i>AcTPase_{4x}</i>		<i>AcTPase</i>		Total	
			Observed	Expected ^b	Observed	Expected ^b	Observed	Expected ^b
I	230	1.9	-	0.6	-	0.3	-	1
II	813	6.7	3	2.3	1	1.1	4	3
III	315	2.6	-	0.9	-	0.4	-	1
IV	1522	12.6	3	4.3	1	2.1	4	6
V	575	4.8	1	1.6	-	0.8	1	2
VI	270	2.2	-	0.8	1	0.4	1	1
VII	1091	9.0	6	3.1	3	1.5	9	5
VIII	562	4.7	-	1.6	1	0.8	1	3
IX	440	3.7	1	1.2	-	0.6	1	2
X	745	6.2	2	2.1	1	1.0	3	3
XI	666	5.5	2	1.9	1	0.9	3	3
XII	1078	8.9	5	3.0	3	1.5	8	5
XIII	924	7.7	1	2.6	1	1.3	2	4
XIV	784	6.5	-	2.2	-	1.1	-	3
XV ^a	1091	9.1	7	3.1	3	1.5	10	5
XVI	948	7.9	3	1.3	1	1.3	3	4
Σ	12057	100	34	34	17	17	51	51

^a Yeast chromosome with *Ds* launch pad in *ade2* locus.

^b Number of expected insertions was calculated based on the size of each chromosome.