

Supplementary Table 3: Detailed overview of the P-element invasion in hot replicate 1. We estimated the abundance of the P-element (rpm: reads per million mapped reads) as well as the effective transposition rate (u') for females (f), males (m) and a mix of females and males (fm). Abundance estimates of the mix of males and females(fm) are either based on direct estimates (^a), a correction factor [^b: $fm_{corr} = (f + f/1.132)/2$; supplementary table 2] or the average between males and females (^c). gen.: generations

gen.	f	m	fm	u
0	17.0	-	16.0 ^b	-
1	16.2	19.2	17.7 ^c	0.1086
4	-	-	26.3 ^a	0.1415
7	58.1	40.8	49.5 ^c	0.2343
10	-	-	69.5 ^a	0.1203
13	-	-	130.4 ^a	0.2331
16	237.0	210.3	223.7 ^c	0.1971
18	-	-	293.6 ^a	0.1457
20	-	-	284.5 ^a	-0.0156
30	-	-	280.7 ^a	-0.0013