Table 1. Strand bias of recombination at *galK*

Strain*	Oligo*	Gal$^+$ recombinants†
HME6	NT	1.5×10^5
HME6	T	0.3×10^5
HME41	NT	0.1×10^5
HME41	T	1.4×10^5

*Cells were induced for 15 min at 42°C and electroporated with 200 ng of either the non-template (NT) or template (T) oligo. HME41 is HME6 with the *gal* operon inverted. By convention, the non-template DNA has the same sequence as the transcript.

†Total recombinant colonies on minimal galactose medium per 10^8 viable cells following electroporation.

Table 2. Strand bias in recombination at several locations

Strain and (relevant allele)*	Oligo†	Recombinants‡
HME52(*thrA*::*Tn10*)	cc	3.8×10^5
	cw	1.8×10^5
DY374 (*nadA*::*Tn10*)	cc	6.9×10^6
	cw	3.8×10^6
HME53 (*trpC*::*Tn10*)	cc	1.0×10^5
	cw	0.3×10^5
HME54 (*cysI*::*Tn10*)	cc	0.1×10^5
	cw	5.1×10^5
HME55 (*metC*::*Tn10*)	cc	0.4×10^5
	cw	1.3×10^5

*Cells were induced for 15 min at 42°C and electroporated with 200 ng of the appropriate oligo containing 35 bases of wild-type sequence to each side of the indicated *Tn*10 element (16).

†Oligos are labeled as clockwise (cw) referring to the DNA strand whose 5′ to 3′ sequence proceeds in the clockwise direction with respect to the genetic map of the *E. coli* chromosome, and counterclockwise (cc) for the opposite strand (see Fig. 3).

‡Total prototrophic recombinants per 10^8 viable cells following electroporation.