

Table 1. Summary of the genome and transcriptome structures of *E. coli* BL21(DE3)

Genome structure	
Genome size	4 558 953 bp
No. previous ORFs ^a	4336 ea
No. added genes	37 ea
No. added ncRNAs	66 ea
No. modified TISs	(88 ea)
No. total features	4439 ea
Transcriptome structure	
TU coverage (total) ^b	3 461 841 bp (75.9%)
TU coverage (forward strand)	1 766 138 bp (38.7%)
TU coverage (reverse strand)	1 879 144 bp (41.2%)
No. TUs	1609 ea

^aThe number is the sum of 4159 CDSs, 70 pseudogenes, 22 tRNAs and 85 rRNAs which were reported from the original annotation.

^bPercentage of transcription unit (TU) coverage is the total length of TUs divided by the genome size.