Table 1 General features of the *C. glutamicum* ATCC 13032 chromosome

| Features of the chromosome | Property |
|---|-----------------------|
| Total size | 3 282 708 bp |
| G+C content | 53.8% |
| Coding sequences (CDS)-total | 3002 (100%) |
| CDS encoding annotated proteins | 2489 (83%) |
| CDS encoding putative cytosolic pro- | 1518 (51%) |
| teins | |
| CDS encoding putative membrane pro- | 660 (22%) |
| teins | |
| CDS encoding putative secreted proteins | 311 (10%) |
| CDS encoding conserved hypothetical | 250 |
| proteins | |
| CDS encoding hypothetical proteins | 263 |
| Coding density | 87% |
| Average gene length | 952 bp |
| Ribosomal RNAs | 6 operons (16S-23S- |
| | 5S) |
| Transfer RNAs | 42 different/60 genes |
| Other stable RNAs | 2 |