List of edits: Feb 10 2011.

- Page 154, left column, paragraph 1:
As noted, in [a recent -> an] article [ADD: at that time] by Semple (2003): 'Of particular interest are the relative rates of misassembly (sequence assembled in the wrong order and/or orientation) and the relative coverage achieved by the three protocols. Unfortunately [ADD: , prior to 2003], the UCSC groups were alone in having published assessments of the rate of misassembly in the contigs they produced [ADD: see references (*) on subsequent assembly analysis and comparison)].

(*) Istrail, S., Sutton, G. G., et al.
Whole-genome shotgun assembly and comparison of human genome assemblies.
Proc Natl Acad Sci U S A. 2004 Feb 17; 101(7): 1916-21;
doi:10.1073/pnas.0307971100

- Page 155, right column, paragraph 4:
Note that, traditionally, assemblers have [DELETE: only] optimized/approximated one of the properties [i.e. (O)], listed above...

- Page 156, left column, paragraph 2:
Since Unitig construction can be computationally expensive, large-scale assemblers like [CELERA -> CELERA/CABOG] [ADD: (**)] have adopted [the best-buddy algorithm -> a strategy], where Unitigs are computed as chains of mutually unique adjacent reads with best overlap between each other. [ADD: This technique takes time and space linear in the number of reads.]

(**) Jason R. Miller, Arthur L. Delcher, Sergey Koren, Eli Venter, Brian P. Walenz,Anushka Brownley, Justin Johnson, Kelvin Li, Clark Mobarry, and Granger Sutton.
Aggressive assembly of pyrosequencing reads with mates.
Bioinformatics (2008) 24(24): 2818-2824 first published online October 24, 2008
doi:10.1093/bioinformatics/btn548

- Page 158, right column, paragraph 4:
The experimental results show that SUTTA has [comparable -> competitive] performance to the best state-of-the-art assemblers [DELETE: based on contig size comparison].

We wish to thank Dr Jason Miller of Venter Institute for his careful reading of the paper, for pointing out inadvertent omission of several key citations, and for suggesting how various sentences could have been reworded.