

Additional file 9.

A retrozyme insertion in the genome of *C. clementina* is absent from the orthologous region in the genome of *C. sinensis*. **a** Comparative analysis of two orthologous genomic regions of around 5kb from *C. clementina* and *C. sinensis* revealed the presence in the former but not in the latter genome of a typical retrozyme element (not to scale) flanked by the Target Site Duplications (TSDs, in grey letters). The position of hammerhead ribozymes, the primer binding site, and the polypurine tract are indicated. **b** Sequence alignment of the two orthologous genomic regions of *C. clementina* and *C. sinensis*. Differences between both sequences are highlighted in red color. The sequence corresponding to the genomic retrozyme is underlined.