

Supporting Information: Contrasting local and macroscopic effects of collagen hydroxylation

Sameer Varma,^{*,†} Joseph P.R.O. Orgel,[‡] and Jay D. Schieber[¶]

[†]*Department of Cell Biology, Microbiology and Molecular Biology, Department of Physics, University of South Florida, Tampa, FL 33620*

[‡]*Department of Biology, Department of Physics, Department of Biomedical Engineering, Illinois Institute of Technology, Chicago, IL-60616*

[¶]*Department of Chemical and Biological Engineering, Department of Physics, Illinois Institute of Technology, Chicago, IL-60616*

E-mail: svarma@usf.edu

Figure S1: Time evolution of unit cell dimensions ($|a|$, $|b|$, $|c|$, α , β and γ), total potential energy and dihedral energy of unhydroxylated system.

