

Supporting Information For:

**Formation of Deoxyguanosine Cross-links from Calf Thymus DNA Treated with Acrolein
and 4-Hydroxy-2-nonenal**

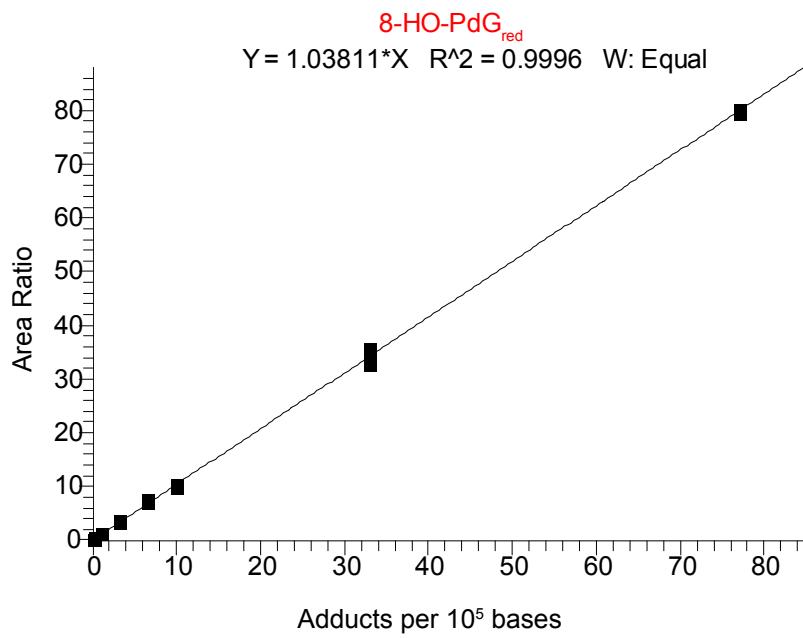
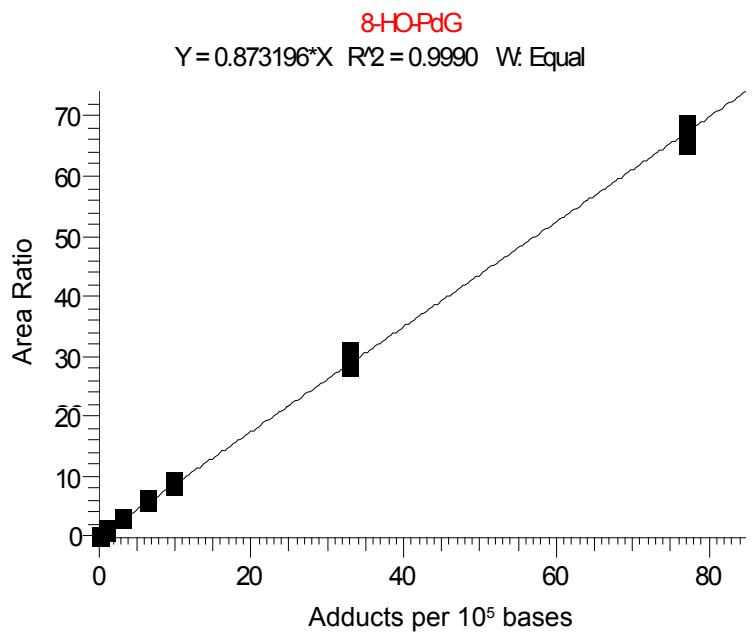
Ivan D. Kozekov,[†] Robert J. Turesky,^{§} Guillermo R. Alas,[†] Constance M. Harris,[†] Thomas M.
Harris,[†] and Carmelo J. Rizzo^{†*}*

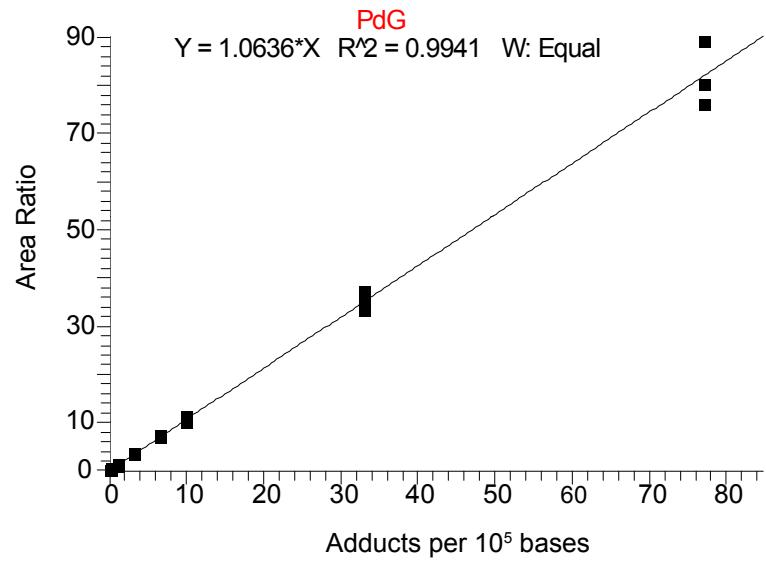
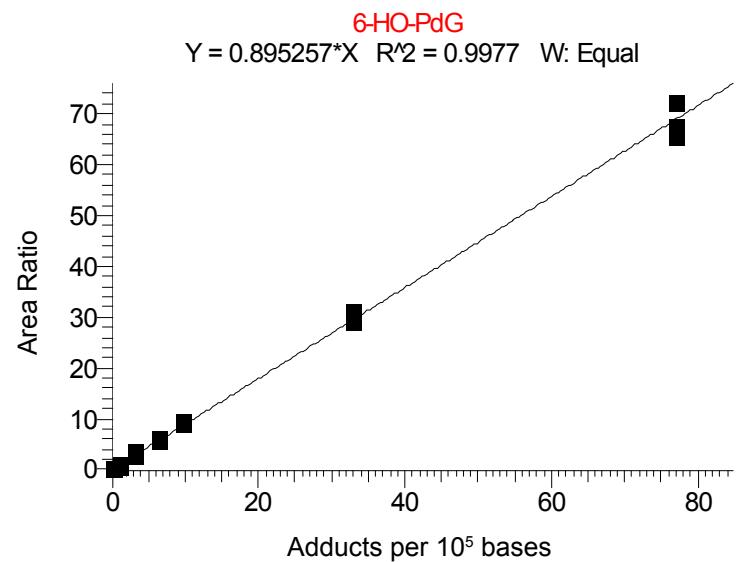
Departments of Chemistry and Biochemistry, and Center in Molecular Toxicology, Vanderbilt University, Nashville, TN 37235-1822 and Division of Environmental Health Sciences, Wadsworth Center, New York State Department of Health, Albany, NY 12201

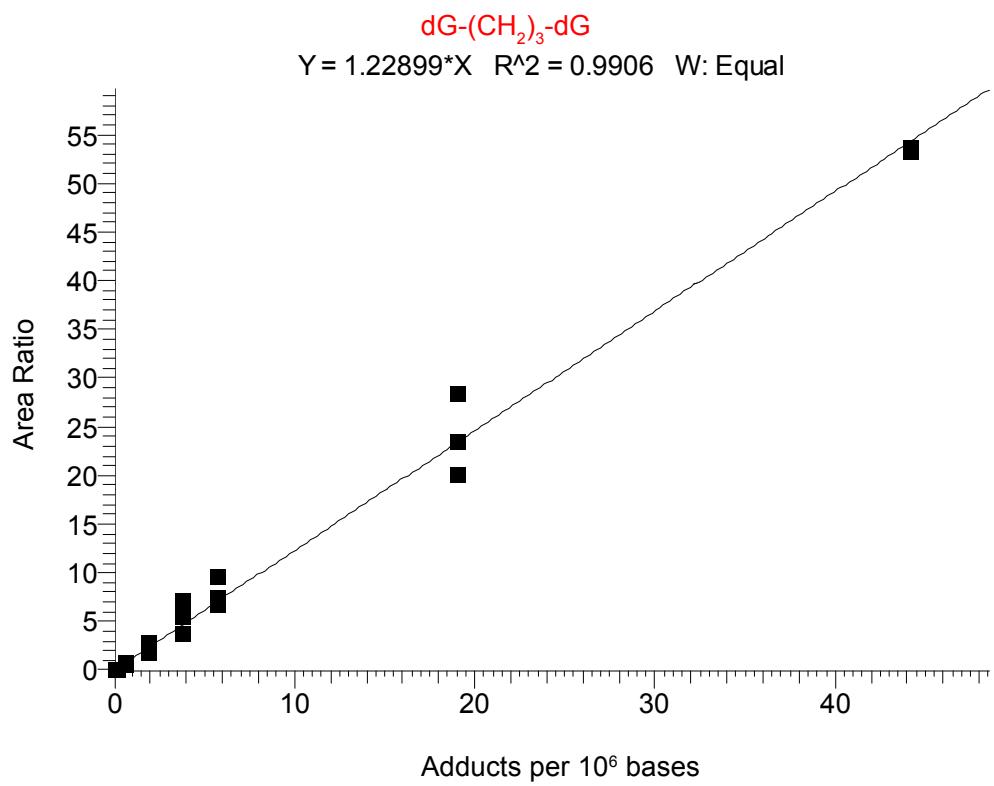
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Figure S2. Reconstructed ion chromatograms of the LC-ESI/MS/MSⁿ traces of the HNE-modified oligonucleotide duplex diluted with CT-DNA. Panel A: A reconstructed ion chromatogram of the LC-ESI/MS/MS³ trace for HNE-dG and the reconstructed ion chromatogram of the LC-ESI/MS/MS⁴ trace for the dG-HNE-dG cross-link in unmodified oligonucleotide duplex diluted with CT-DNA. Panel B: A reconstructed ion chromatogram of the LC-ESI/MS/MS³ trace for HNE-dG and the reconstructed ion chromatogram of the LC-ESI/MS/MS⁴ trace for the dG-HNE-dG cross-link-modified oligonucleotide duplex diluted with CT-DNA to a level of 1 adduct per 10⁶ DNA bases. Both [²H₁₁]-HNE-dG and [²H₁₁]-dG-HNE-dG cross-link were added to CT DNA at a level of 1 adduct per 10⁷ bases. (page S6)







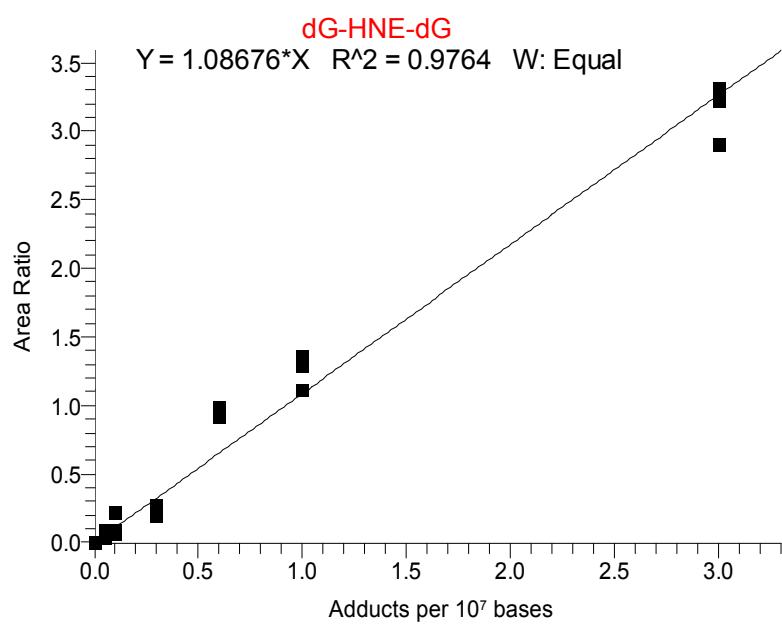
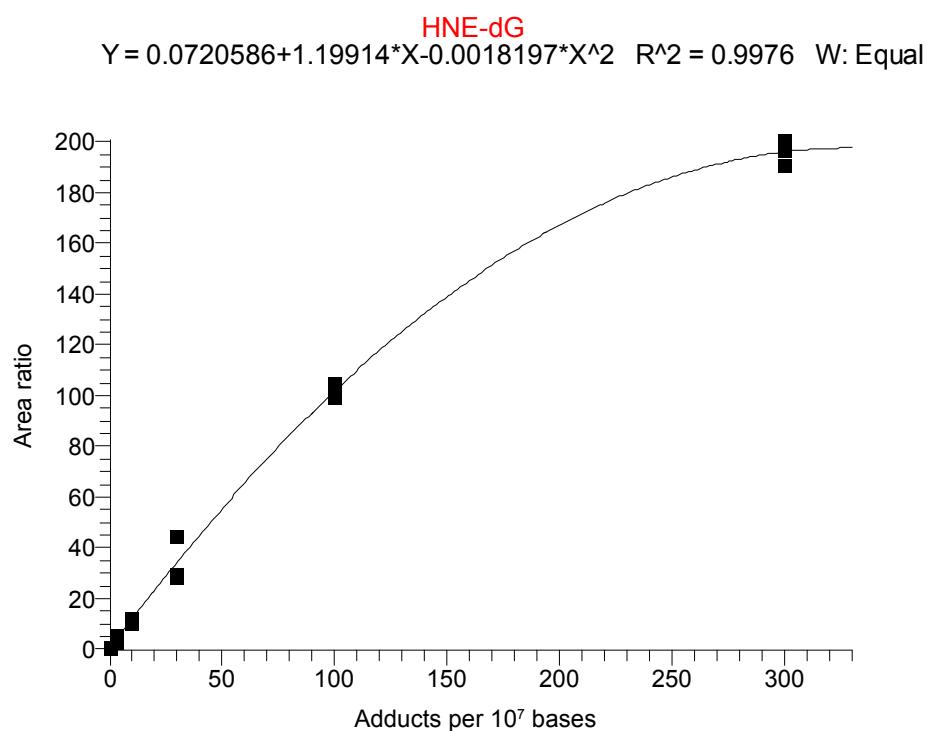


Figure S-2

