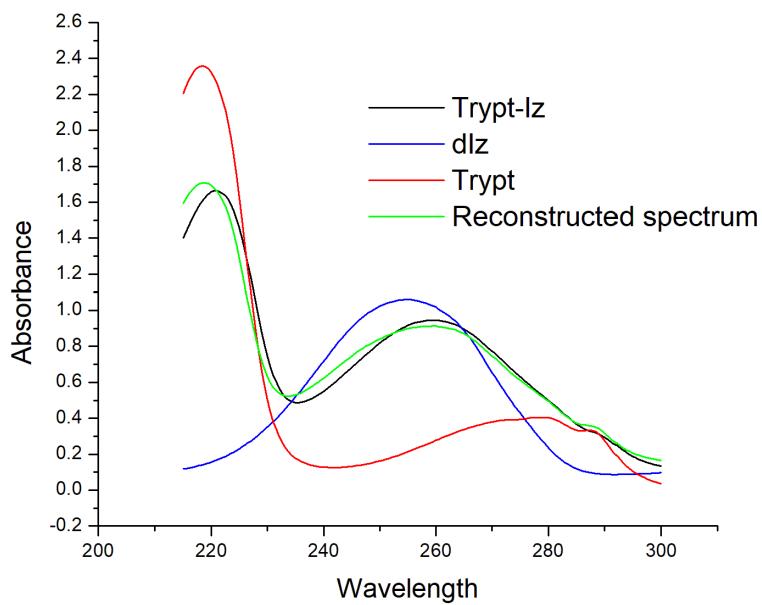
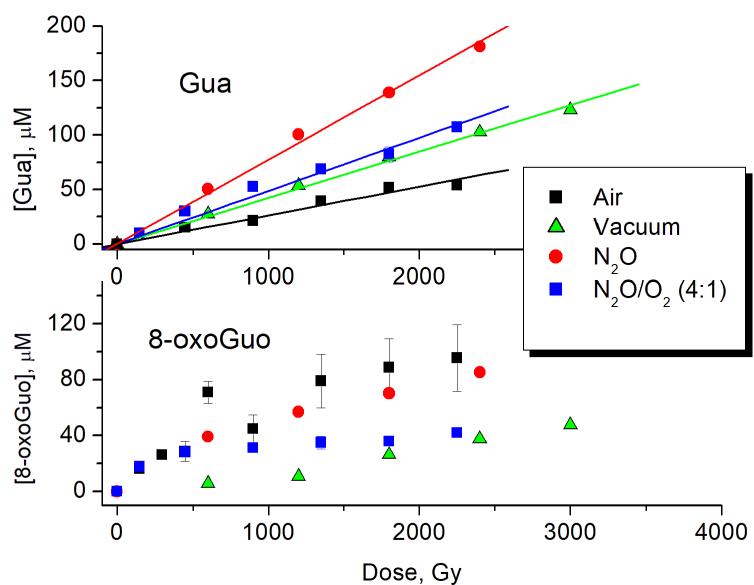


Supplemental material

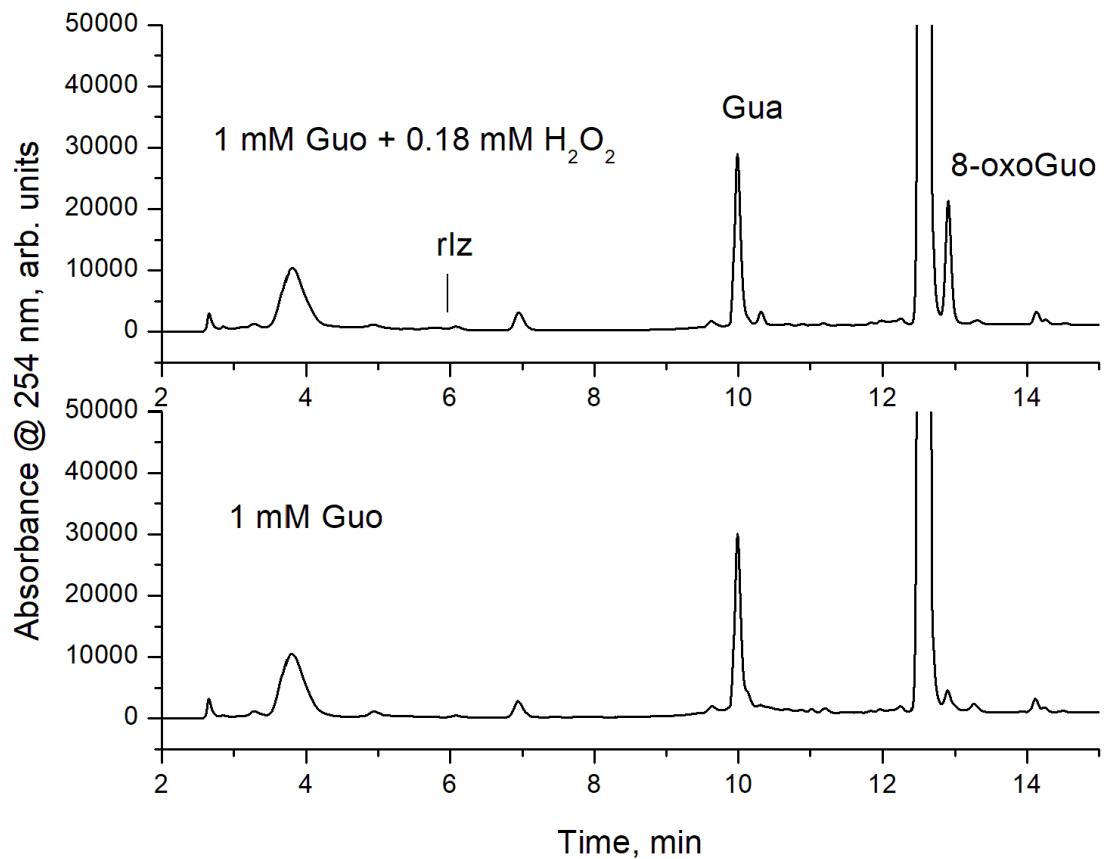
S1. Reconstruction of the UV spectrum of 2-amino-5-[β -(indol-3'-yl)ethyl]aminoimidazolone (Trypt-Iz) as a linear combination of UV-spectra of dlz and tryptophan (Trypt).



S2. Concentration vs dose plots for free guanine (Gua) and 8-oxoguanosine (8-oxoGuo) in X-irradiated solutions of Guo in 50 mM phosphate (pH 6.9) under various gassing conditions



S3. Effect of hydrogen peroxide (0.18 mM) on product formation in X-irradiated (2.7 kGy) solutions of Guo (1 mM) in 50 mM phosphate under anoxic conditions (Ar bubbling).



Scheme 1

