



Supporting Figure 1. Verification of the incorporation of oligonucleotides containing the specified adducts into vector DNA. The presence of acetylaminofluorene adducts (dG(C8)-AAF or dG(N²)-AAF, indicated by the asterisk in the DNA sequence) within the unique *Nhe*I cleavage sequence (5'-GCTAGC) was verified by inhibition of the *Nhe*I endonuclease activity (left panel). The incorporation of thymine dimer was verified by incision with T4 endonuclease V (T4 EV) which cleaves the *N*-glycosylic bond of the 5' thymine of the dimer and the phosphodiester bond 3' to the resulting abasic site (right panel). Images show typical vector preparations analyzed in agarose gels containing ethidium bromide.