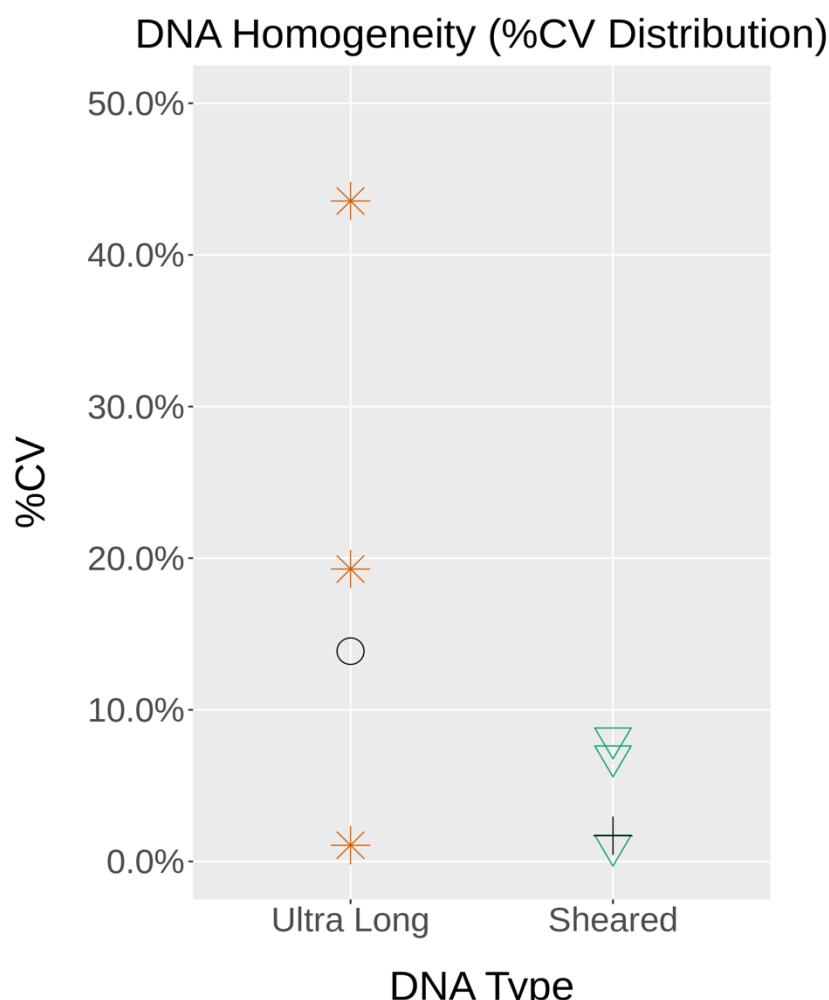
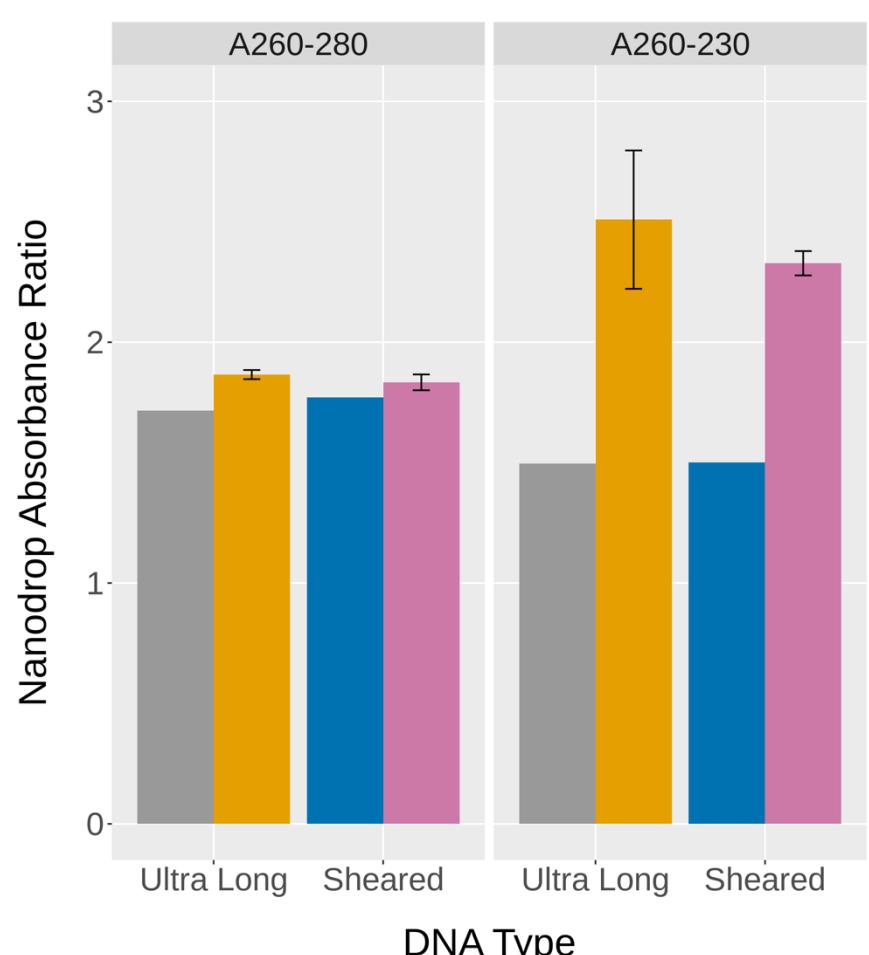
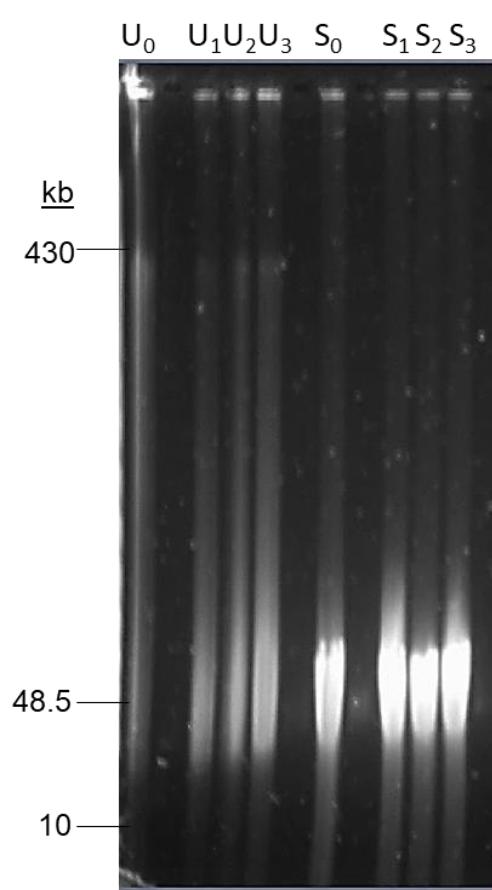


A**B****C****Legend**

- U₀ : UHMW hgDNA input
- U₁ : UHMW hgDNA output 1
- U₂ : UHMW hgDNA output 2
- U₃ : UHMW hgDNA output 3
- S₀ : Sheared UHMW hgDNA input
- S₁ : Sheared UHMW hgDNA output 1
- S₂ : Sheared UHMW hgDNA output 2
- S₃ : Sheared UHMW hgDNA output 3

Figure S6. Recovery and quality control of UHMW vs sheared DNA samples by Nemo clean-up. (a) Homogeneity of samples as measured by %CVs using Nanodrop. (b) Absorbance measurements (Nanodrop) of DNA before and after clean-up with Nemo protocol. Nemo clean-up improved the lower quality of input DNA. (c) Pulsed-field gel electrophoresis of samples. Gel concentration was 0.75%, run with Pippin Pulse at the preset mode of '5-430 kb' for 16 hours. UHMW and sheared DNA was extracted from GM12878 cells, diluted to a concentration of ~15 ng/μl (input sample $n=1$, output samples $n=3$).