

**Supplementary Figure 2**. Schematic drawing of nanobarcode denaturation (without showing fluorescence dyes). **(a)** Barcode 4G1R or 1G4R; **(b)** Barcode 1G1R; **(c)** Barcode 2G1R; **(d)** Barcode 1G2R. Gel electrophoresis of denatured products is shown in **Supplementary Figure 1**.