Mass Production of SiC/SiO$_x$ Nanochain Heterojunctions with High Purities

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Figure S1. Molecular structures of PVP.
Figure S2. Molecular structures of PSN.
Figure S3. Typical SEM images of the resultant nanostructures of Sample C under different magnifications.
**Figure S4.** A typical SEM image of the resultant nanostructures of Sample A under a low magnification.
**Figure S5.** A typical SEM image of the resultant nanostructures of Sample B under a low magnification.
**Figure S6.** A representative SEM image of the resultant nanostructures of Sample D under a low magnification.
**Figure S7.** A representative SEM image of the resultant nanostructures of Sample E under a low magnification.