Electronic Supplementary Information (ESI)

Amplified photoelectrochemical DNA biosensor based on CdS quantum dots/WS$_2$ nanosheets heterojunction and hybridization chain reaction-mediated enzymatic hydrolysis

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**Fig. S1** The photograph of three-electrode photoelectrochemical cell.

**Fig. S2** (A) TEM image and (B) UV–vis spectrum of CdS QDs.
Scheme S1  Photocurrent generation mechanism of CdS/WS₂ heterojunction.