Supporting Information

Fluorescence Aptamer Sensor Utilizing WS₂ Nanosheets for Sensitive Detection of Patulin: Enhanced Specificity and Wide Applicability

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Figure S1. TEM image of the used WS₂ nanosheet.



Figure S2. Effects of the amount of WS_2 on FL intensity. Other experimental conditions were the same as those given in Figure 3.



Figure S3. Effects of the binding temperature of Cy3-PAT aptamer to WS_2 nanosheet on FL intensity. Other experimental conditions were the same as those given in Figure 3.



Figure S4. The effect of the binding time of Cy3-PAT aptamer to WS_2 nanosheet on the FL quenching. Other experimental conditions were the same as those given in Figure 3.



Figure S5. Detection specificity of the proposed FL aptamer sensor. Other experimental conditions were the same as those given in Figure 3.



Figure S6. The durability of the FL aptamer sensor. Other experimental conditions were the same as those given in Figure 3.