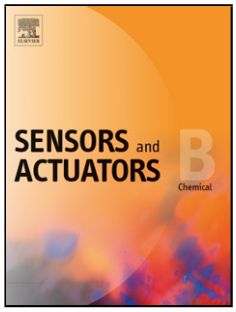

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DNA three way junction-mediated recycling amplification for sensitive electrochemical monitoring of uracil-DNA glycosylase activity and inhibition

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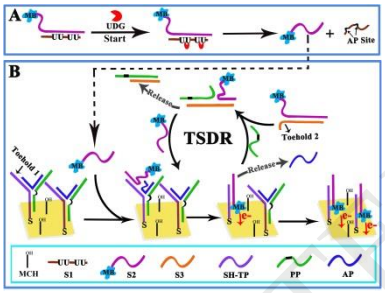
Graphical Abstract



Highlights:

- Electrochemical monitoring of UDG activity and inhibition has been demonstrated.
- Signal amplification is achieved by DNA three way junction-mediated recycling.
- The method is selective and can be used to screen inhibitors for UDG.