Supporting Information

Resistive switching behavior in $\alpha$-In$_2$Se$_3$ nanoflakes modulated by ferroelectric polarization and interface defects

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Figure R1. Current of Pt/$\alpha$-In$_2$Se$_3$/Pt device at various applied voltage in dark.

Figure R2. Current of Pt/$\alpha$-In$_2$Se$_3$/Pt device as a function of time in dark.

Figure R3. I-V curves under dark and light illumination.