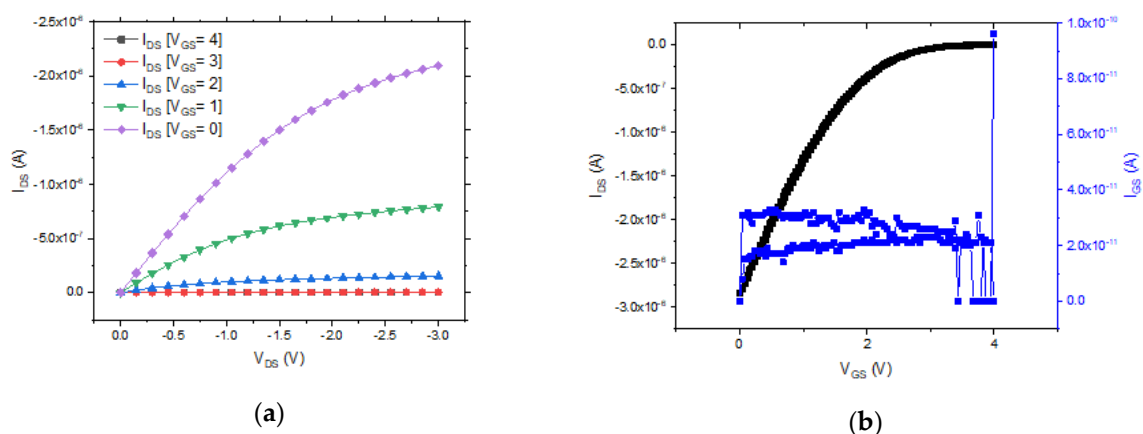


# Supporting information for: “Electronic detection of DNA hybridization by coupling Organic Field-Effect transistor-based sensor and hairpin-shaped probes”

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**Figure S1.** Output characteristic (a) and transfer characteristic (b) of an OCMFET sensor.

**Table S1.** Electrical parameters of OCMFET sensors, averaged on 6 devices.

$V_{TH}$ (V)	$\mu$ ( $\text{cm}^2/\text{Vs}$ )	$I_{ON}$ ( $\mu\text{A}$ )	$I_{OFF}$ (nA)
$4.0 \pm 0.6$	$0.010 \pm 0.003$	$-1.3 \pm 0.7$	$-2 \pm 1$



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