Vertical WSe$_2$ -MoSe$_2$ p-n heterostructure with tunable gate rectification

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Figure S1. (a-c) FESEM elemental mapping images of WSe$_2$/MoSe$_2$ (a) Mo, (b) W and (c) Se elements.
Figure S2. XPS survey scans for (a) WSe$_2$ and (b) MoSe$_2$.
Figure S3. XPS survey scans of MoSe$_2$/WSe$_2$ heterostructure.