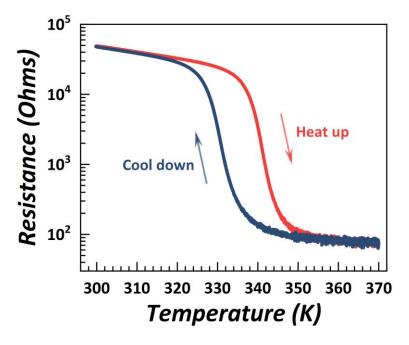
## **Supplemental Document**



Supplemental figure. Temperature-dependent electrical measurement of the insulator-to-metal transition for the  $VO_2$  thin film deposited by ALD.