Synthesis of Vanadium Pentoxide (V\textsubscript{2}O\textsubscript{5}) Ultralong Nanobelts via an Oriented Attachment Growth Mechanism†

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Fig. S1. XRD pattern of the V\textsubscript{2}O\textsubscript{5} ultralong nanobelts.

Fig. S2. (a) TEM image of V\textsubscript{2}O\textsubscript{3} after hydrothermal treatment of the fresh sol at 220 °C for 30 min. (b) An individual belt-like structure attached with each other by an overlap way, the inset is the corresponding HRTEM image.
**Fig. S3.** (a) TEM image of an individual ultralong nanobelt. The detail TEM images of the red arrow parts are shown in Fig.2c-2e. (b) HRTEM of the nanobelt correspond to Fig.2d.