Supplementary Information for:

Shape-controllable Nanofibrous Membranes with Well-aligned and Robust Mechanical Property for PM$_{2.5}$ Capture

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**Figure S1.** SEM images of PA66/PVB composite nanofibrous membranes heated under different temperature. (A)65°C; (B)90°C; (C)120°C; (D)160°C.

**Figure S2.** Comparison of EDS spectrum recorded of PA66, PVB and PA66/PVB nanofibrous membranes.
Figure S3. Equipment of PM$_{2.5}$ purification efficiency measurement under simulated haze pollution.