Facile template synthesis of dumbbell-like Mn$_2$O$_3$ with oxygen vacancies for efficient degradation of organic pollutants by activating peroxymonosulfate

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Fig. S1. XRD pattern of the precursors of Mn$_2$O$_3$-G.
Fig. S2. FESEM images of (a) Mn$_2$O$_3$-C and (b) Mn$_2$O$_3$-N.
Fig. S3. The optical image of the solution in the (a) NBT and (b) Mn$_2$O$_3$-G/PMS/NBT system.
Fig. S4. UV-vis absorption spectra of H$_2$O$_2$ concentration in different systems.