Synthesis and photoluminescence properties of perovskite

LaMg_{0.667}Nb_{0.333}O_3:Mn^{4+},Bi^{3+}: A novel deep-red phosphor for WLEDs

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Fig. S1 XRD patterns of the samples (A: synthesized by traditional method without manganese; B: synthesized by traditional method with MnO_2 as manganese source; C: synthesized by traditional method with MnCO_3 as manganese source; D: synthesized by rapid microwave-assisted method with MnO_2 as manganese source)