## **Supporting Information**

Electrodeposition synthesis, controllable growth, and enhanced photoluminescence of activator doped layered gadolinium hydroxide films

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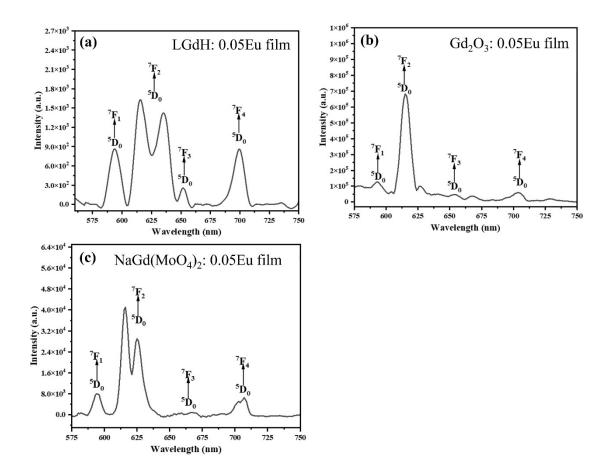


Figure S1 The emission spectra of LGdH:0.05Eu film (a),  $Gd_2O_3$ :0.05Eu film (b) and NaGd(MoO<sub>4</sub>)<sub>2</sub>:0.05Eu film (c) under the UV excitation at 394 nm.