

Electronic Supplementary Materials

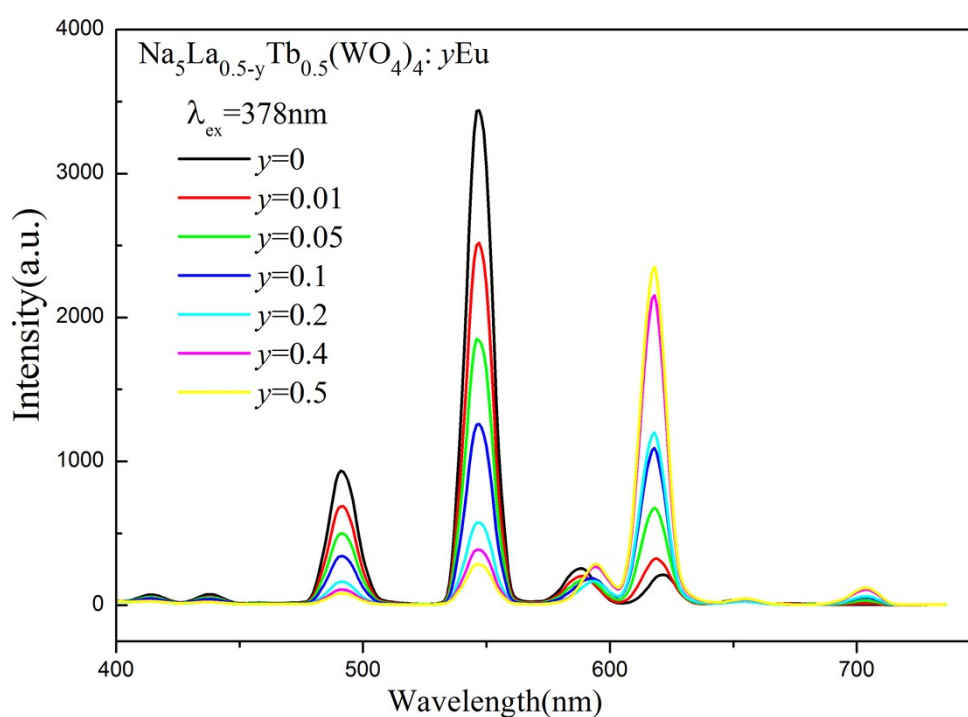


Fig. S1 The PL emission spectra of $\text{Na}_5\text{La}_{0.5-y}\text{Tb}_{0.5}\text{Eu}_y(\text{WO}_4)_4$ samples under UV excitation of 378 nm.

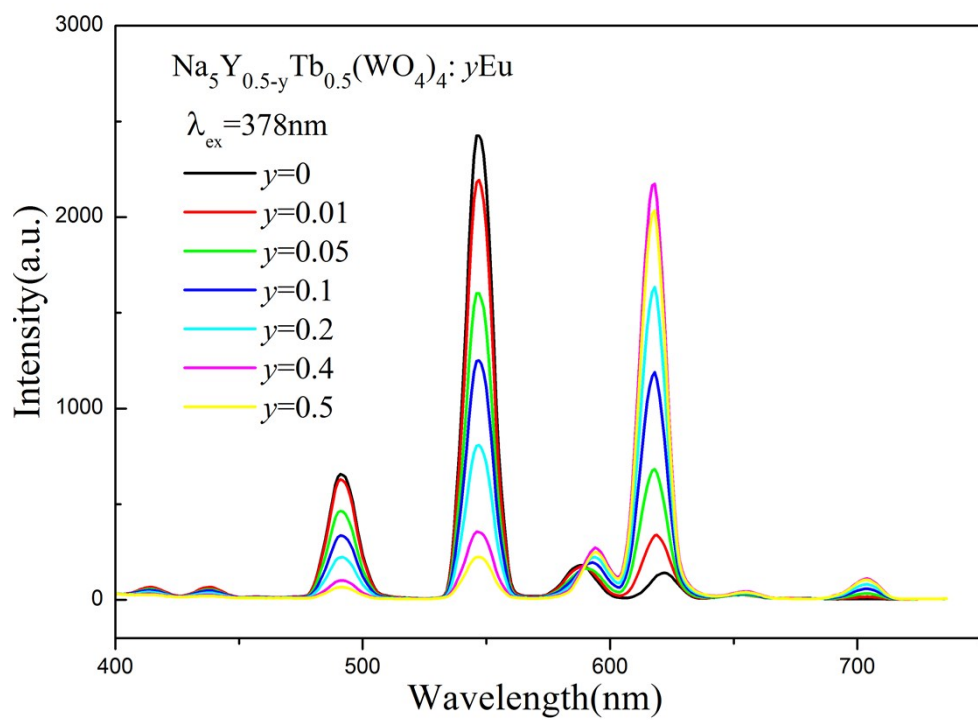


Fig. S2 The PL emission spectra of Na₅Y_{0.5-y}Tb_{0.5}Eu_y(WO₄)₄ samples under UV excitation of 378 nm.

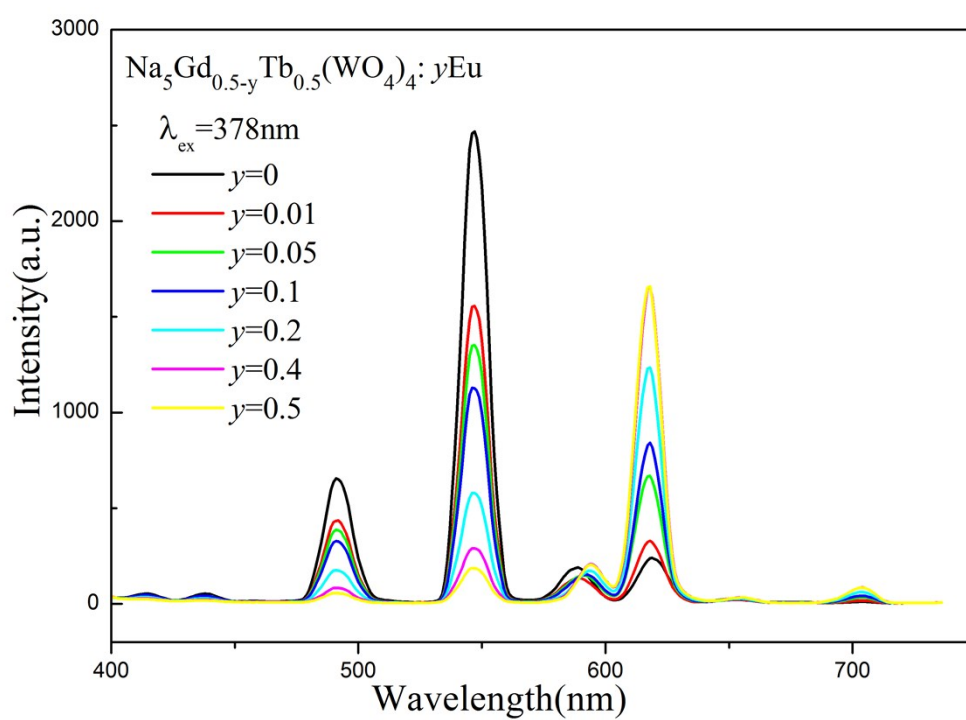


Fig. S3 The PL emission spectra of Na₅Gd_{0.5-y}Tb_{0.5}Eu_y(WO₄)₄ samples under UV excitation of 378 nm.

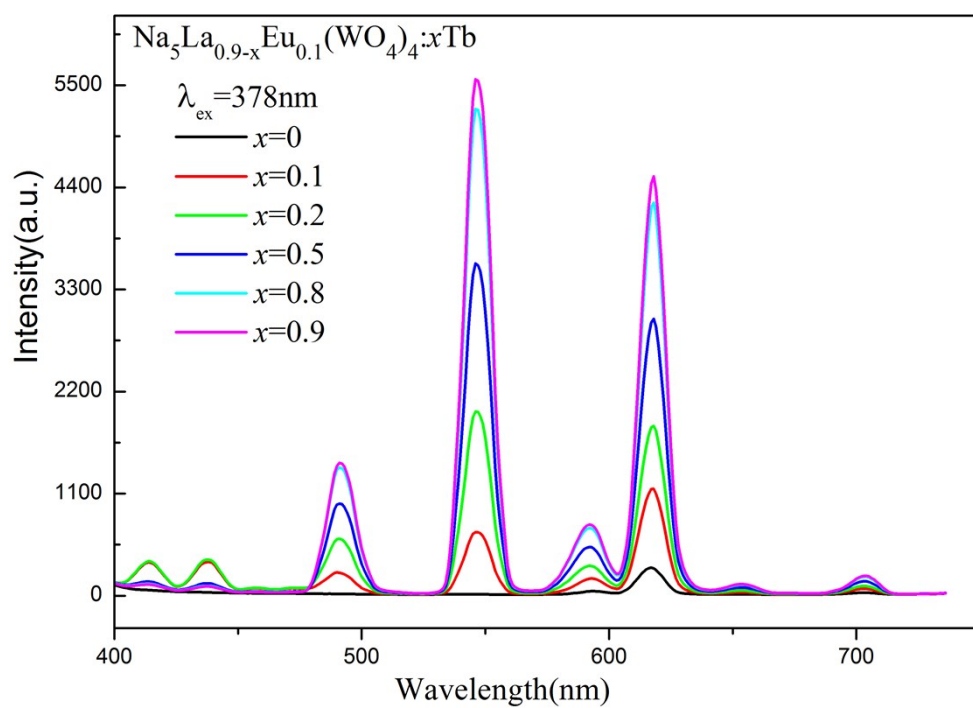


Fig. S4 The PL emission spectra of Na₅La_{0.9-x}Tb_xEu_{0.1}(WO₄)₄ samples under UV excitation of 378 nm.

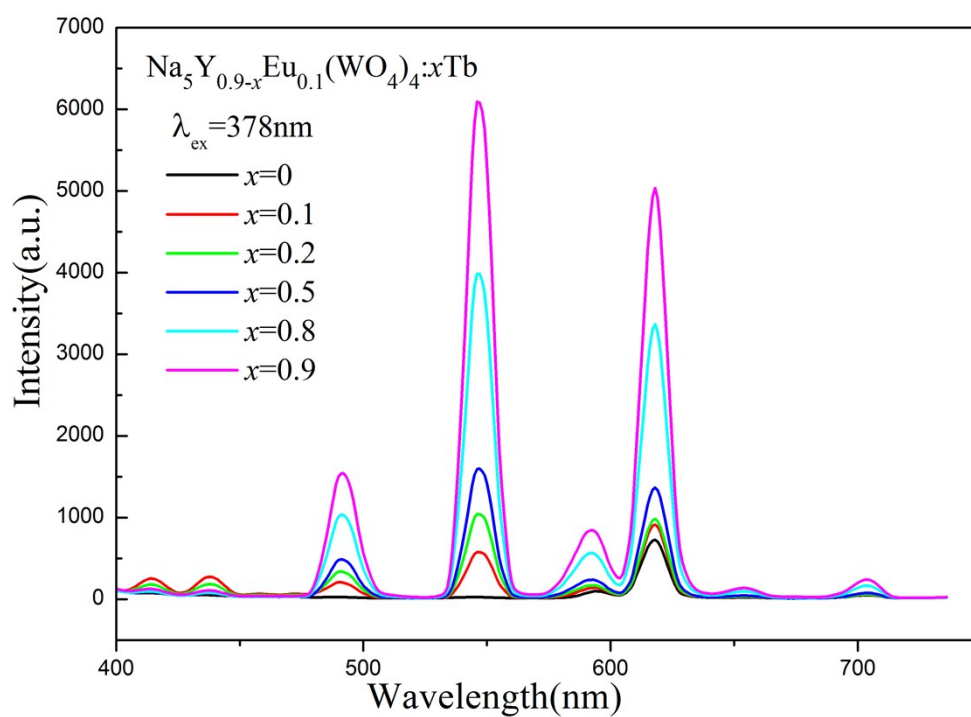


Fig. S5 The PL emission spectra of Na₅Y_{0.9-x}Tb_xEu_{0.1}(WO₄)₄ samples under UV excitation of 378 nm.

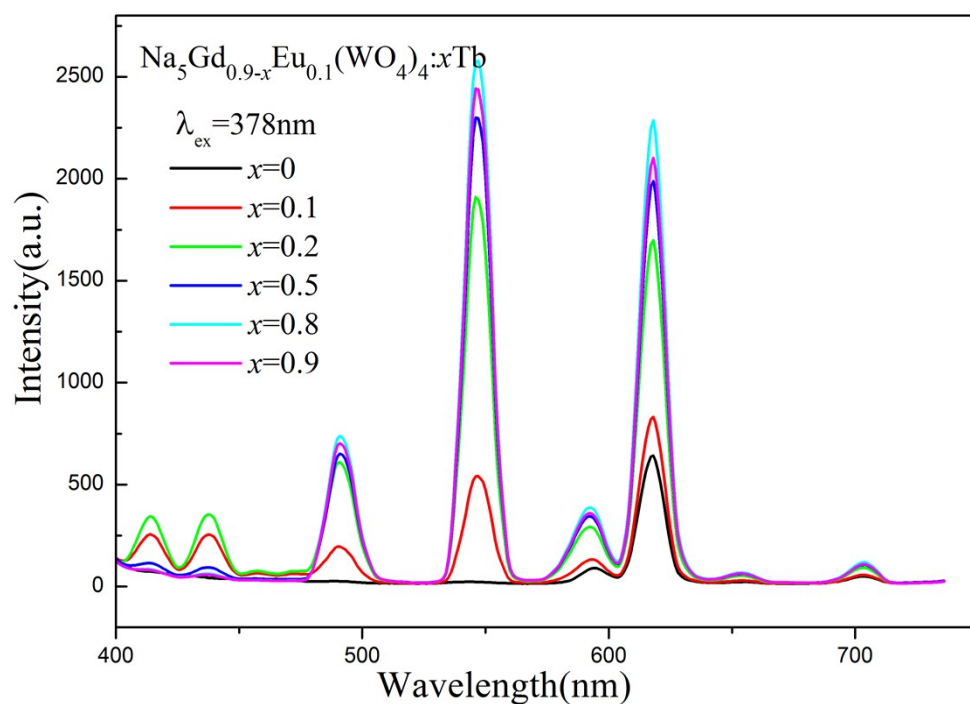


Fig. S6 The PL emission spectra of Na₅Gd_{0.9-x}Tb_xEu_{0.1}(WO₄)₄ samples under UV excitation of 378 nm.