Figure S1 Emission spectrum of Sr$_{2.97}$La(PO$_4$)$_3$:0.03Eu$^{2+}$ (a) and excitation spectrum of Sr$_3$La$_{0.93}$(PO$_4$)$_3$:0.07Tb$^{3+}$ (b).

Inset (b): Emission intensities of Sr$_{3}$La$_{1-y}$(PO$_4$)$_3$:yTb$^{3+}$ as a function of Tb$^{3+}$ concentrations (y=0.001-0.10)

Figure S2 Emission intensities of Eu$^{2+}$ and Tb$^{3+}$ in Sr$_{2.97}$La$_{1-y}$(PO$_4$)$_3$:0.03Eu$^{2+}$, yTb$^{3+}$ (y=0-0.10) with different Tb$^{3+}$ concentrations.