Electronic Supplementary Material (ESI) for New Journal of Chemistry. This journal is © The Royal Society of Chemistry and the Centre National de la Recherche Scientifique 2019

## **Supporting Information**

## Samarium(III) and Terbium(III) ions-doped NaLa(MoO<sub>4</sub>)<sub>2</sub>

## phosphors for versatile applications

Yongbin Hua, Sk. Khaja Hussain and Jae Su Yu\*

Department of Electronic Engineering, Institute for Wearable Convergence Electronics, Kyung Hee University,

Yongin-si, Gyeonggi-do 17104, Republic of Korea

\*Corresponding author: E-mail: jsyu@khu.ac.kr

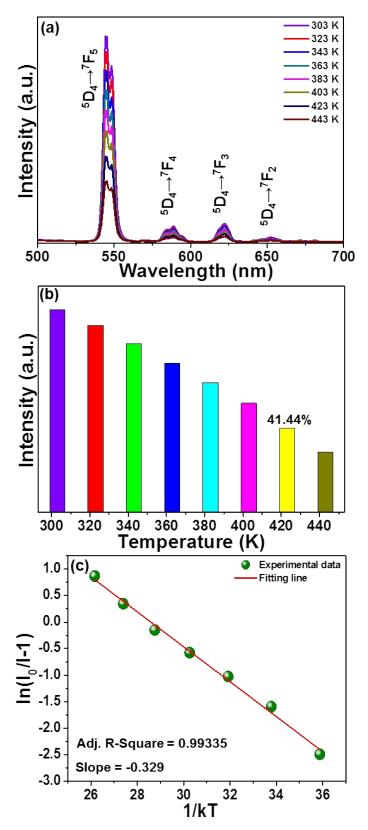


Fig. S1. (a) PL emission spectra as a function of temperature, (b) dependence of PL emission intensity on temperature and (c) plot of  $\ln(I_0/I-1)$  vs. 1/kT of the NaLa(MoO<sub>4</sub>)<sub>2</sub>:0.13Tb<sup>3+</sup> phosphor at 485 nm.