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NJC ESI

Tunable emissions via white-region from $Sr_2Gd_8(SiO_4)_6O_2:RE^{3+}$ (RE^{3+}: Dy^{3+},Tm^{3+},Eu^{3+}) phosphors

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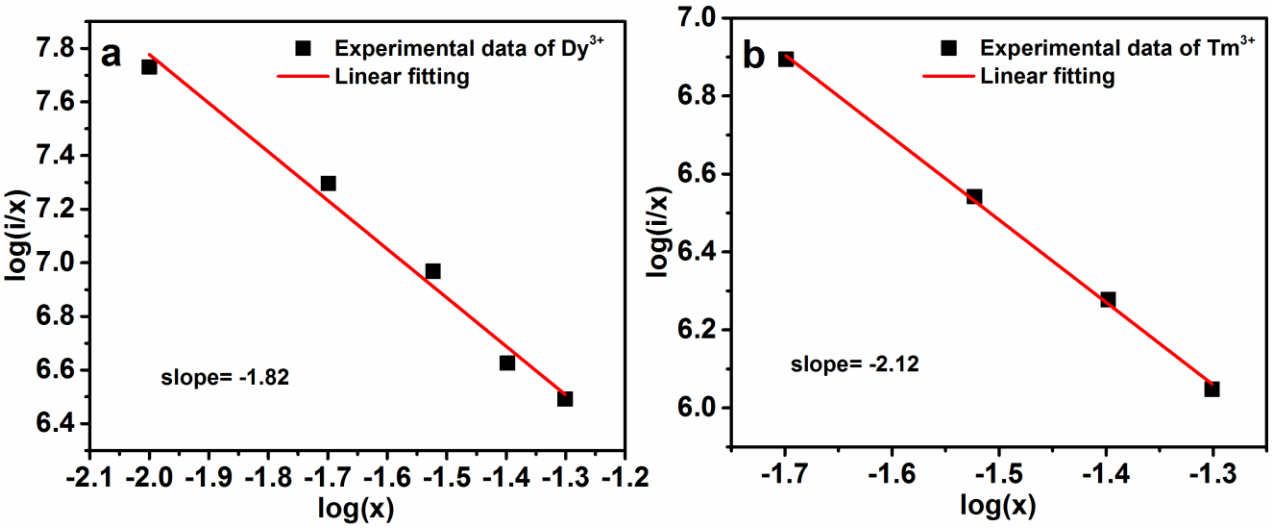

Fig. S1. log(x) and log(i/x) plots of the (a) SGSO:xDy^{3}, and (b) SGSO:xTm^{3+} phosphors.

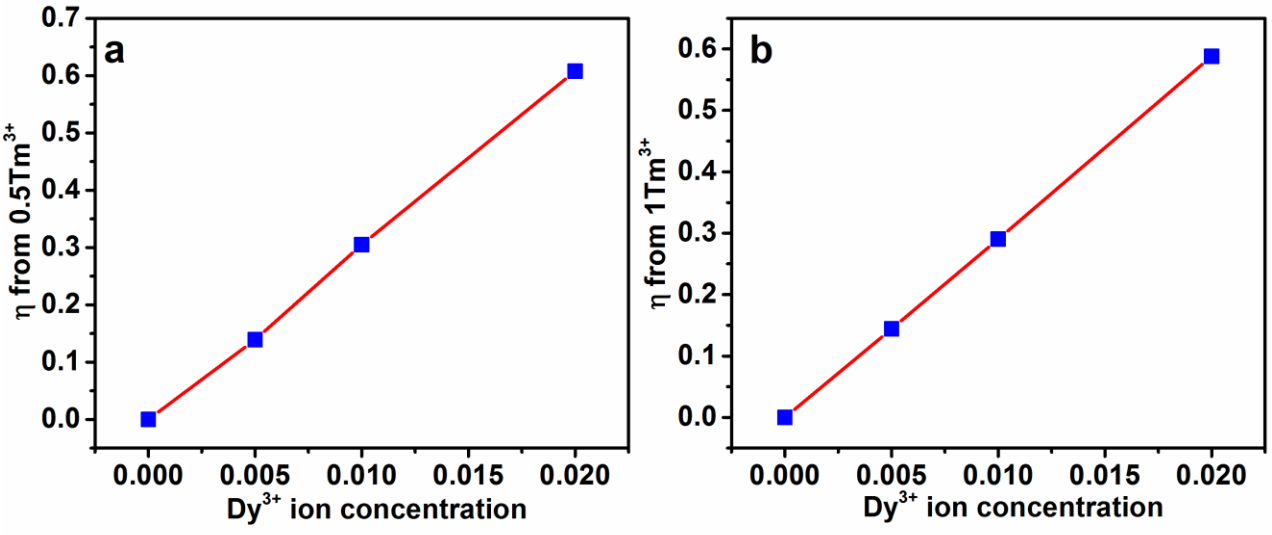

Fig. S2. Relationship between the energy transfer efficiencies from the (a) 0.5Tm^{3+} to xDy^{3+} and (b) 1Tm^{3+} to xDy^{3+} in the SGSO host lattice.

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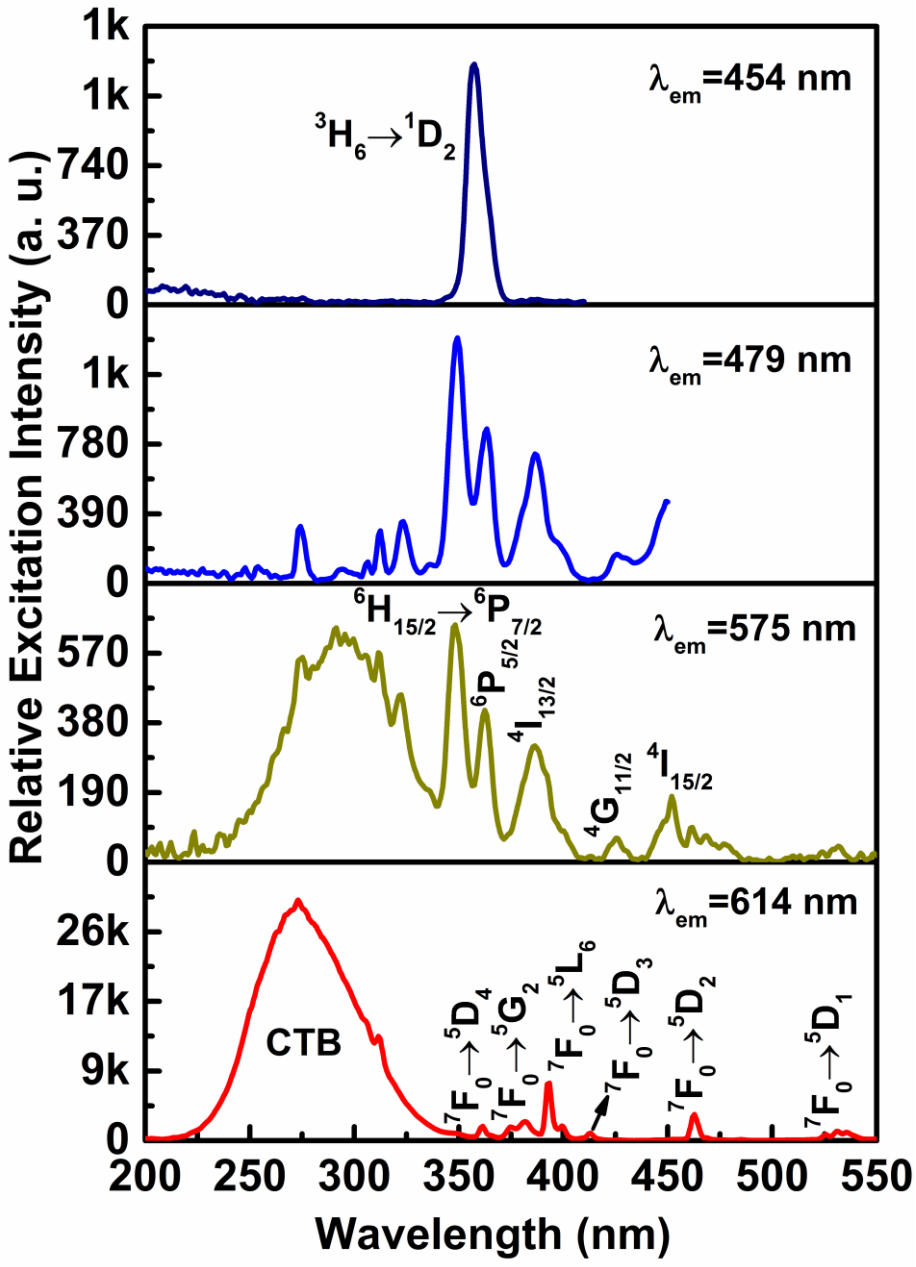

Fig. S3. PLE spectra of the SGSO:1Tm^{3+}/1Dy^{3+}/1Eu^{3+} phosphor for different excitation wavelengths.