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Supplementary Information for

Ultra-sensitive luminescent thermometry based on MgNb₂O₆: Dy³⁺/Pr³⁺ thermochromic phosphor

Lei Zhong^a, Sha Jiang^{*a}, Xihui Wang^a, Yutong Wang^a, Jialiang Xie^a, Yanru Li^a, Binyao Huang^a, Yongjie Wang^a, Guotao Xiang^a, Li Li^a, Xianju Zhou^a, Min Yin^{*b}

^aSchool of Science, Chongqing University of Posts and Telecommunications, Chongqing 400065, China ^bSchool of Physical Sciences, University of Science and Technology of China, Hefei 230026, China

^{*}Corresponding author: jiangsha@cqupt.edu.cn (S. Jiang), yinmin@ustc.edu.cn (M. Yin).

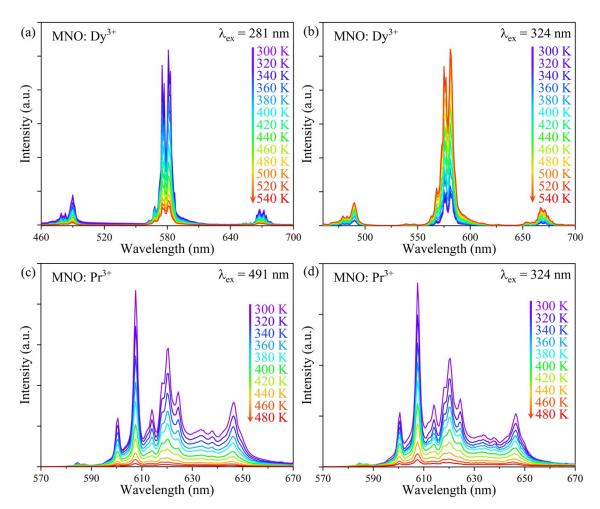


Fig. S1 Temperature dependence PL spectra of MNO: Dy³⁺ at (a) 281 and (b) 324 nm excitation and MNO: Pr³⁺ at (c) 491 and (d) 324 nm excitation.

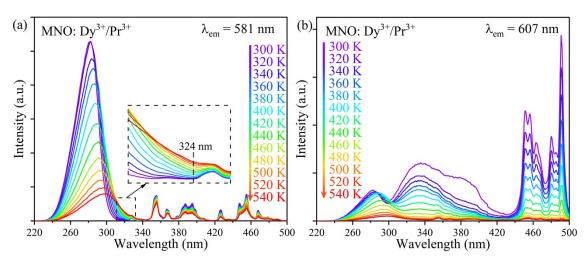


Fig. S2 Temperature dependent PLE spectra of MNO: Dy³⁺/Pr³⁺ monitoring at (a) 581 nm (insets show a partially enlarged view) and (b) 607 nm.