Supplementary Information

Near-infrared luminescence and energy transfer processes in LaOF:Nd³⁺, Yb³⁺

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**Figure S1.** TEM image of the sample LaOF:0.5%Nd$^{3+}$, 1.0%Yb$^{3+}$

**Figure S2.** EDX spectrum of the sample LaOF:0.5%Nd$^{3+}$, 1.0%Yb$^{3+}$