

Supporting Information

Enhancement of the Upconversion Emission by Visible to Near Infrared fluorescent Graphene Quantum Dots for miRNA Detection

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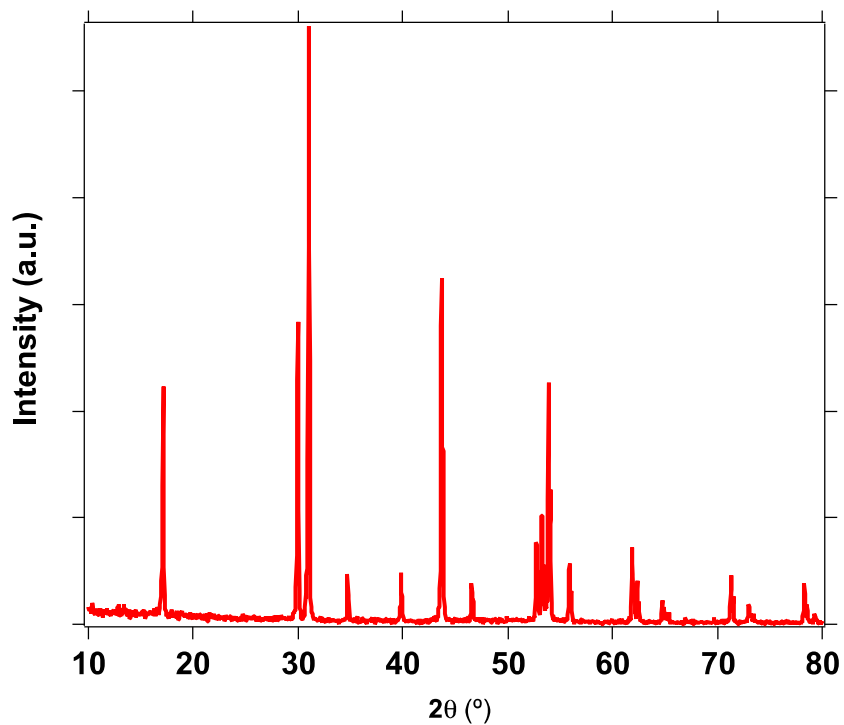


Figure S1. XRD pattern of NaYF₄:Yb,Er, which fitted with the JCPDS standard card 16-0334.

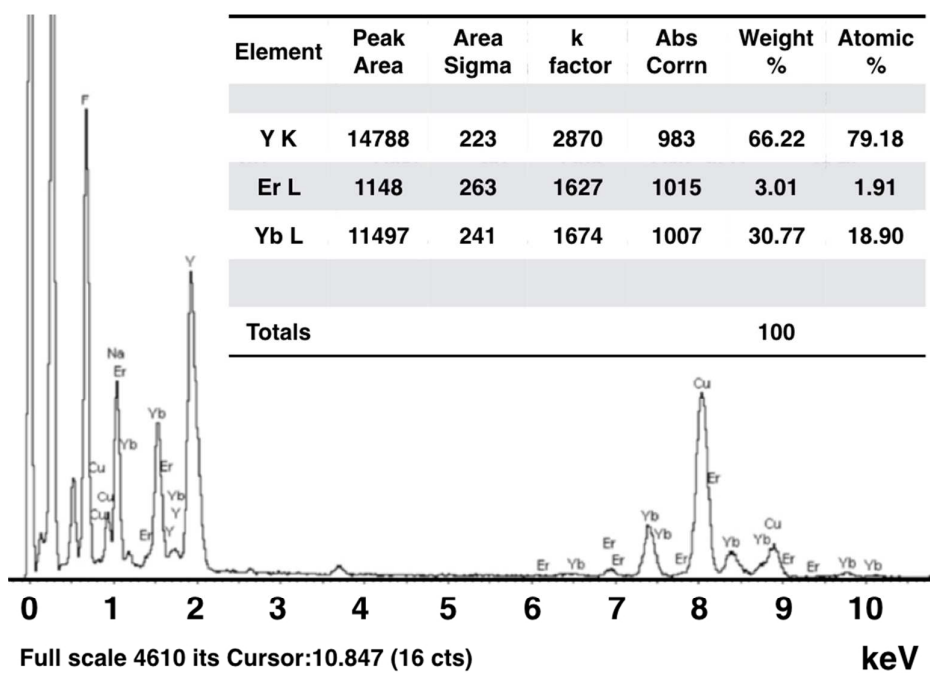


Figure S2. EDS spectrum of NaYF₄:Yb,Er. The table shows the result of the analysis of the atomic composition.