Strong 1550 nm to visible luminescence in 
In/Er/Yb:LiNbO$_3$ crystal considered as upconverter 
for solar cell

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Figure S1 displays ultraviolet-vis-near infrared (UV-VIS-NIR) absorption spectrum of In-3 crystal in the range from 300 to 1650 nm. The experimental methods are displayed as follows: The UV-VIS-NIR absorption spectrum, which was performed with unpolarized light and with a sample oriented in such a manner that the light propagated along the $y$ axis of the crystal, was recorded by a Perkin-Elmer Lambda-900 spectrophotometer. The scanning wavelength range was 300-1650 nm, and the scanning step and scanning speed were fixed at 1 nm and 600 nm/min, respectively.
Figure S1 UV-VIS-NIR absorption spectrum of In-3 crystal.