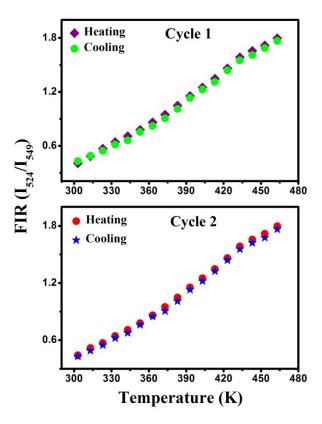
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Supplementary Figure



Supplementary Fig. 1 FIR vs. Temperature graph for $Gd_2Mo_3O_9$: 0.3% $Er^{3+}/3\%$ Yb³⁺ sample for two heating-cooling cycles (two heating + two cooling).