

Figure S1. The histograms of size distribution corresponding to  $m-(La_{0.95-x}Ca_xEu_{0.05})VO_4$  samples: (a) x=0, (b) x=0.03, (c) x=0.06, (d) x=0.09, (e) x=0.12 and (f) x=0.15.



Figure S2. The histograms of length distribution corresponding to t-(La<sub>0.95-x</sub>Ca<sub>x</sub>Eu<sub>0.05</sub>)VO<sub>4</sub> samples: (a) x=0, (b) x=0.03, (c) x=0.06, (d) x=0.09, (e) x=0.12 and (f) x=0.15.



Figure S3. The histograms of width distribution corresponding to t-(La<sub>0.95-x</sub>Ca<sub>x</sub>Eu<sub>0.05</sub>)VO<sub>4</sub> samples: (a) x=0, (b) x=0.03, (c) x=0.06, (d) x=0.09, (e) x=0.12 and (f) x=0.15.