

# SUPPLEMENTARY MATERIALS

## Specificity of *Escherichia coli* heat-labile enterotoxin investigated by single-site mutagenesis and crystallography

Julie Elisabeth Heggelund <sup>1,#a</sup>, Joel Benjamin Heim <sup>1</sup>, Gregor Bajc <sup>2</sup>, Vesna Hodnik <sup>2,3,#b</sup>, Gregor Anderluh <sup>2,3</sup> and Ute Krengel <sup>1,\*</sup>

<sup>1</sup> Department of Chemistry, University of Oslo, Postbox 1033 Blindern, Oslo, Norway;  
j.e.heggelund@farmasi.uio.no; j.b.heim@kjemi.uio.no

<sup>#a</sup> Current address: Department of Pharmacy, University of Oslo, Postbox 1068 Blindern, Oslo, Norway

<sup>2</sup> Department of Biology, Biotechnical Faculty, University of Ljubljana, Jamnikarjeva 101, 1000 Ljubljana, Slovenia; gregor.bajc@ki.si; vesna.hodnik@ki.si

<sup>#b</sup> Current address: Lek d.d., Kolodvorska 27, 1234 Mengeš, Slovenia; vesna.hodnik@novartis.com

<sup>3</sup> Department of Molecular Biology and Nanobiotechnology, National Institute of Chemistry, Hajdrihova 19, 1000 Ljubljana, Slovenia; gregor.anderluh@ki.si

\* Correspondence: ute.krengel@kjemi.uio.no; Tel.: +47 22855461

## Supplementary Materials and Methods

### *Analysis by Circular Dichroism*

Prior to CD analysis, the protein was dialyzed into a 10 mM potassium phosphate buffer at pH 7.4, at a protein concentration of 0.10-0.16 mg/ml. The measurements were carried out using a spectropolarimeter (Jasco J-810) at 2 °C using a quartz cuvette (path length 0.1 cm).

## Supplementary Figure

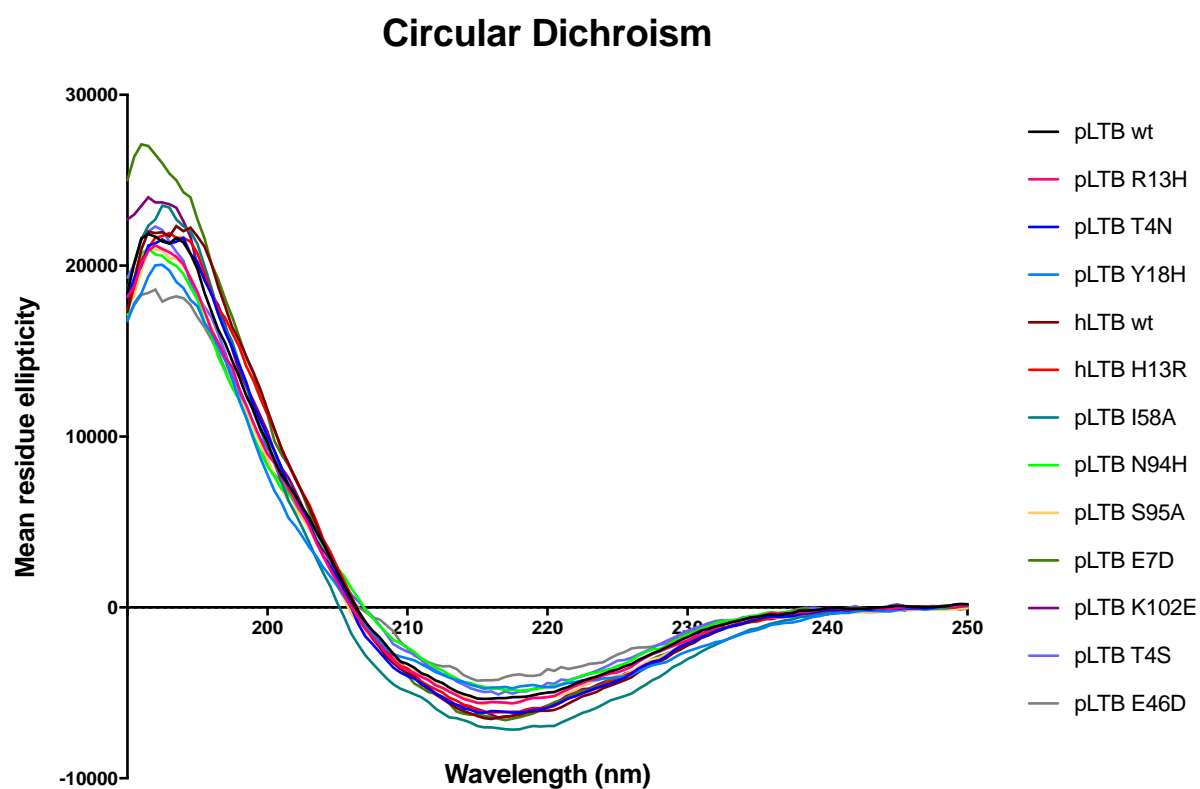


Figure S1. Circular dichroism of pLTB and hLTB variants discussed in the paper, showing that they are folded.