

Online Supporting Information A. This benchmark dataset \mathcal{S} for **Gneg-mPloc** that includes 1,456 locative protein sequences (1,392 different proteins), classified into 8 Gram-negative subcellular locations. Among the 1,392 different proteins, 1,328 belong to one location; and 64 to two locations. Both the accession numbers and sequences are given. None of the proteins has $\geq 25\%$ sequence identity to any other in the same subset (subcellular location). See the text of the paper for further explanation.

(1) \mathcal{S}_1 : 557 cell inner membrane proteins

>P76264

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>P17201

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>P75892

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>P77510

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>P15877

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>P32482

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>P76236

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>P75770

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>P08369

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>P41052

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>P14789

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>P22340

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>P31631

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>P15492

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>P19809

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>P37194

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>P18895

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>P14542

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>P13670

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>P31106

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>P38370

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>P15921

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>P0A996

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>P17169

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>P31858

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>P07118

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>P72324

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>P22319

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>P08997

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>P23872

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>P44406

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>P60716

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(5) S_5 : 32 fimbrium proteins

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(6) S_6 : 12 flagellum proteins

>P96786

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>Q56827

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>P96747

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>P16326

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>Q9R9R6

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(7) S_7 : 8 nucleoid proteins

>P0ABT2

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>P33920

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>P36767

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>P60293

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>P22524

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(8) S_8 : 180 periplasm proteins

>P25718

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>P39185

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>P77214

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>P53052

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>P35483

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>P0A862

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>P11278

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>P31133

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>P72181

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>P05465

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>P72298

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>O68897

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>Q57142

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>P21852

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