

Online Supplementary Materials A. The learning dataset contains 653 Gram-negative bacterial proteins classified into 8 subcellular locations according to the experimental annotations. 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) 152 cytoplasm proteins

>P28629

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>P0A962

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>P43500

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>P22317

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>P22318

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>P50319

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>P24518

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>P54737

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>P32099

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>P24150

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>P43336

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>P11071

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>P52093

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>P04737

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>P35483

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(3) 12 fimbrium proteins

>P21650

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(4) 6 flagellum proteins

>Q00986

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>P55734

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>P0AC78

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>P27254

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>P31135

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>P31462

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>P76361

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>P36767

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>P45187

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>P69856

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>P31631

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>P61320

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>Q04641

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>P13670

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>P32722

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>Q47474

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>P26093

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>P18149

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>P05837

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>P15492

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>P15921

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>P31499

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>P05695

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>P97085

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>P07110

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>P31243

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>P16945

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>P31600

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>P46359

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>P76773

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>P14789

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>P44833

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>P11910

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>P39180

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>P08008

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>P24082

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>P41069

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>Q9ZCX6

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>P69411

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>P52236

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