

Appendix

Appendix Figure. Amino acid sequence alignment of Gua-1 from *P. guariconensis* 65411 and *P. guariconensis* (UQM99659.1), Ful from *P. fulva* (MBF8778391.1), Sol from *P. soli* (UXZ44560.1), Mos from *P. mosselii* (WP_186595297.1) and Lut-1 from *P. luteola* (AAU10324.1). Conserved motives among class A beta-lactamases are highlighted in grey. The Omega loop is underlined.

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