

Additional file 5. AsponA in *P. aeruginosa* PAO1. AsponA is encoded opposite the beginning of gene *ponA*, encoding the penicillin-binding protein 1A, and overlaps with the predicted -10 and -35 σ^{70} promoter elements. Its coordinates have been validated by 5'- and 3'-RACE. Genes are depicted in blue and asRNAs in green.

