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**S4 Fig. *gyrB* gene NJ tree.** Neighbor Joining (NJ) phylogeny of *Providencia* bacteria as reconstructed from *gyrB* gene sequences. Terminal branches are labelled by genus, species and strain designations as well as GenBank accession numbers. Numbers on branches indicate bootstrap support values. The size bar corresponds to 1 % sequence divergence. An orthologous sequence from the closely related bacterium *Proteus mirabilis* has been used as outgroup.