

**Table S6: Comparative overview of the GC content of the prophage and the chromosome or plasmid in which they were located.**

Localization of prophages	Average GC content (%) <sup>1</sup>					
	Entero_P4	Escher_500465_1	Salmon_SEN34	Escher_RCS47	Salmon_SJ46	Escher_SH2026Stx1
Chromosome	58.5/53.7	58.6/55.2	58.5/54.1	58.5/52.2	NC	NC
Plasmid	NA	NC	NC	53.1/54.4	53.1/54.0	51.9/53.8

<sup>1</sup> The numbers in the table are the average GC content of chromosomes or plasmids/average GC content of prophages. NA, not available; NC, not compared.