

**Table S1** Genotypes of bacteria and bacteriophages used in this study

<b>Phage (Nomenclature used in this paper)</b>	<b>Alternative/ historical name</b>	<b>Genotype</b>
T4(Glc-HMC)	T4	wild type
T4(HMC)	T4147	$\alpha$ gt1, $\beta$ gt7
T4(C)	T4GT7	amC87g42, amE51g56, rNB5060, alc
IP <sup>0</sup>	IP <sup>0</sup>	IPI (HA35) IP2 (amber HA100) IP3 (amber HA9)

<b>Bacteria</b>		<b>Genotype</b>
DH10B		F <sup>-</sup> mcrA $\Delta$ (mrr-hsdRMS-mcrBC)
CR63		$\lambda$ -, serU60(AS), lamB63
B834		hsdRB, hsdMb, Sup0, rgl+
K803		rk-, mk-, rgl-, supE44