Table 1 Characteristics of prophage-like gene transfer agents  $\left(GTA\right)^{a}$ 

GTA/phage	Size (nm)		Capsid DNA	Bacterial host		Ref.
	Head diameter	Tail length	size (kb)	Species	Habitat/niche	
Lambda	60	150	48.5	Escherichia coli	Intestinal tract, facultative anaerobe	[54]
P1	87	226	97	Escherichia coli	Intestinal tract, facultative anaerobe	[54]
RcGTA	30	50	4.5	Rhodobacter capsulatus	Free-living, aquatic; nonsulfur, purple photosynthetic	[27]
VSH-1	45	64	7.5	Brachyspira hyodysenteriae	Swine intestine; anaerobic spirochete pathogen	[34]
Dd-1	43	7	13.6	Desulfovibrio desulfuricans	Free-living, soil, aquatic; anaerobic sulfate reducer	[46]
VTA	40	61	4.4	Methanococcus voltae	Free-living, aquatic; archaebacterium, methanogen	[45]

<sup>&</sup>lt;sup>a</sup>For the sake of comparison with GTAs, properties of functional prophages  $\lambda$  and P1 are included in the table.  $\lambda$  is a specialized transducing prophage and P1, a generalized transducing prophage of *E. coli*.