

Supplement Table S3. Growth conditions for *E. coli* expressing viral polyamine biosynthesis genes.

Enzyme	Expression culture
	(volume/pre-induction phase/IPTG concentration/expression)
PBCV-1 AIH	100 ml/1 h, 37 °C/1 mM/8 h, 23 °C
NY-2A AIH	100 ml/1 h, 37 °C/1 mM/8 h, 23 °C
MT325 AIH	300 ml/6 h, 23 °C/0.1 mM/24 h, 16 °C
PBCV-1 CPA	300 ml/1 h, 37 °C/0.3 mM/8 h, 28 °C
NY-2A CPA	300 ml/2.5 h, 37 °C/0.3 mM/6.5 h, 28 °C
MT325 CPA	300 ml/6 h, 23 °C/0.1 mM/24 h, 16 °C