Supplementary Material

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Human Cytomegalovirus Tegument Protein pUL23 Interacts with Capsid Protein pUL85

Shaoling Lin[1,2] and Jiamiao Hu[1,3]*

[1]Department of Biotechnology, Jinan University, 510632, Guangzhou, P.R China; [2]Faculty of Science, The Chinese University of Hong Kong, Hong Kong SAR, P.R China; [3]Warwick Medical School, University of Warwick, CV2 2DX, Coventry, United Kingdom.

Supplementary Table S1: *Primers for cloning and sequencing*

	Sequnce (5'-3')
Primers for cloning UL23 gene	
UL23_Forward_EcoRI	CCG*GAATTC*GTCGAC<u>ATG</u>TCGGTAATCAAGGACTGTTTTCTC
UL23_Reverse_XhoI	ATA*CTCGAG*TCACGCGTCGTCAAAAAGTTGGTGGTC
UL23_Reverse_Flag_XhoI	ATA*CTCGAG*TCA<u>CTTATCGTCGTCATCCTTGTAATC</u>CGCGTCGTCAAAAA-GTTGGTGGTC
Primers for cloning UL85 gene	
UL85_Forward_EcoRI	CG*GAATTC*GCCACC<u>ATG</u>GCGGCCATGGAG
UL85_Reverse_XhoI	CCG*CTCGAG*TCAGCCTTTAAATATGCAGGTCG
UL85_Reverse_HA_XhoI	CCG*CTCGAG*<u>TCAAGCGTAATCTGGAACATCGTATGGGTA</u>GCCTTTAAATATG-CAGG
UL85_N_Reverse_XhoI	CCG*CTCGAG*CAGCACGCATAGCGCGTC
UL85_M_Forward_EcoRI	CG*GAATTC*<u>ATG</u>AAGGGCGACGCGCTATGC
UL85_M_Reverse_XhoI	CCG*CTCGAG*GAGGCAGGCGGTCTTCATGT
UL85_C_Forward_EcoRI	CG*GAATTC*<u>ATG</u>GACATGAAGACCGCCTGCCTC
Primers for cloning UL46 gene	
UL46_Forward_EcoRI	CGG*GGTACC*TCTACCGTGCGCCTCGCC
UL46_Reverse_Myc_XhoI	CGC*GGATCC*<u>CAGGTCTTCTTCAGAGATCAGTTTCTGTTC</u>GACGAAT-TCTCGAAAGTCTCCCA

Restriction enzyme sites used for cloning are marked as Italic, Expression tag or "ATG" initiation codon are marked as underline.

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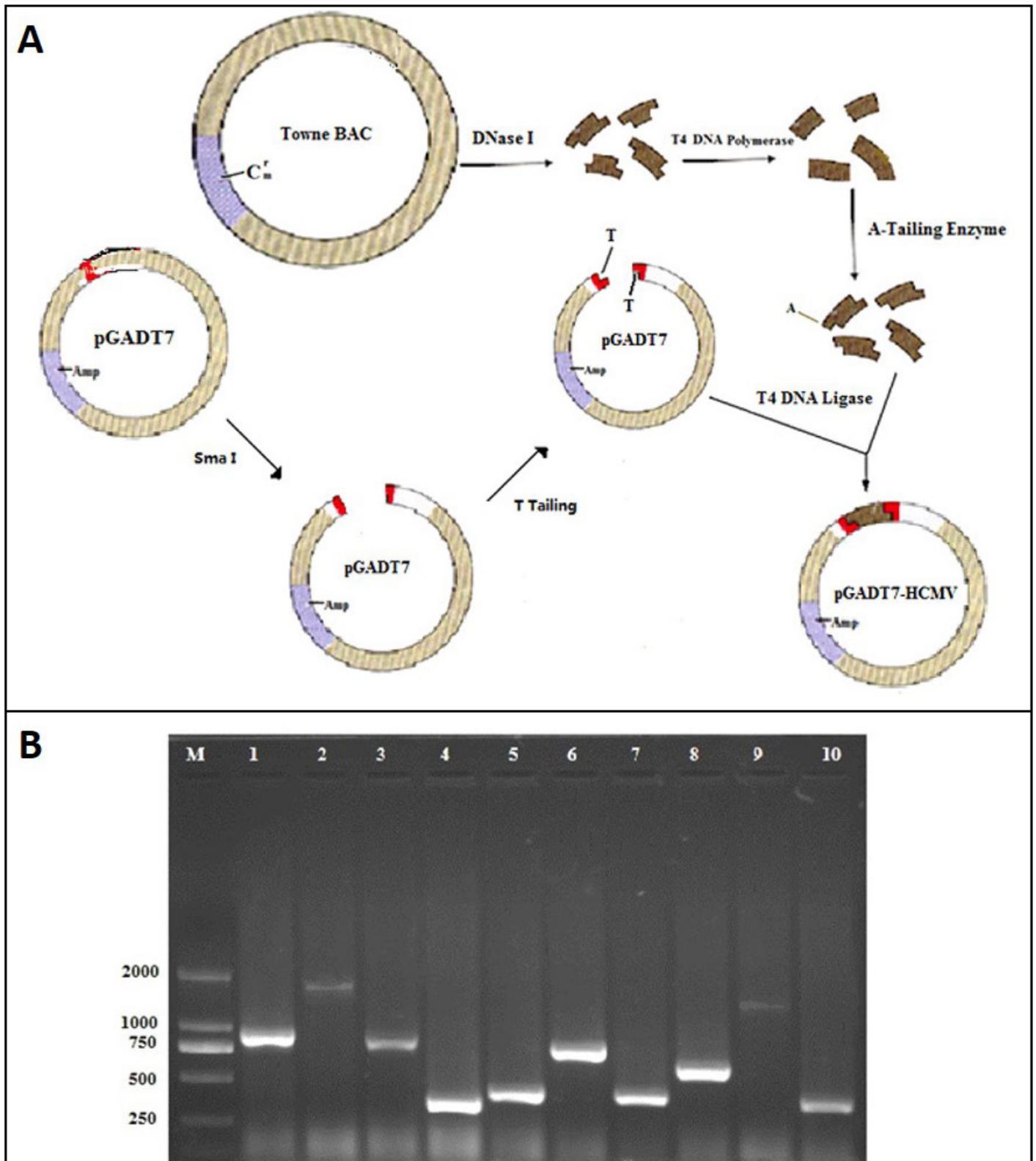
Supplementary Figure S1: *Construction of HCMV genomic library.*
A) *Flowchart of the construction of HCMV genomic library;* **B)** *PCR analysis the inserts sizes of HCMV library. DNA marker (M), PCR amplification of inserted fragments from 10 random recombinant plasmids (1–10)*