

Supplementary Table S1 Primers and oligos used in the TAR cloning

Primers	Contig/gene
<b><i>Hooks for cloning of p-arm</i></b>	
5' hook (a 546 bp of Puro gene sequence):	
puro-F 5'-ATGCGGGCCCTACCGGGTAGGGGAGGCGCT-3'	
puro-R 5'-ATGCGGATCCTGGTAAGCTTCAGCTGCTCGA-3'	
3' hook (a 85 bp alphoid DNA sequence):	
Sat-F 5'-CATTCTCAGAACTTCTTTGTGATGTGTGCATTCAACTCACAGAGTTGAACCTTCC-3'	
Sat-R 5'-AAGAGTGTTCAAAAGCTCTATGAAAAGGAAGTTCAACTCTGTGAGTTGAAT-3'	
<b><i>DIAGNOSTIC PRIMERS FOR P-ARM</i></b>	
Diagnostic Del-1 5'-GCATCGATGATATCAGATCC-3'	(PGK-PA)
Diagnostic Del-4 5'-TGGAACAGAGGCTGCTGATC-3'	
A-F2 5'-ACCTTCCTGATGGTATTGTCA-3'	Contig A
A-R2 5'-TGTGCTGATCCATGAGTACTACA-3'	
B-R 5'-TGAGAATAAACAGAGATTCCATTCT-3'	Contig A
B-F 5'-ATGCTGAATAAGAACACAGAGC-3'	
<b><i>Hooks for cloning of q-arm</i></b>	
5' hook (a 85 bp alphoid DNA sequence):	
Sat-F 5'-CATTCTCAGAACTTCTTTGTGATGTGTGCATTCAACTCACAGAGTTGAACCTTCC-3'	
Sat-R 5'-AAGAGTGTTCAAAAGCTCTATGAAAAGGAAGTTCAACTCTGTGAGTTGAAT-3'	
3' hook (a 186 bp pBluescript sequence):	
Prs-F 5'-ATGCGGATCCCTGGCAGACAGGTTTCCCGA-3'	
Prs-R 5'-ATGCTCTAGACCGAGCTTGCCGTAATCATGG-3'	
<b><i>DIAGNOSTIC PRIMERS FOR Q-ARM</i></b>	
E-F2 5'-GAATCTATGCCACTTTTGCA-3'	Contig D
E-R2 5'-TGCCATTGTCAGTAAGTGAAG-3'	
D-F 5'-TTCATAGCAGCATGGATCAA-3'	Contig C
D-R 5'-CATCCAAAGGCTACTTTCCA-3'	

C-F C-R	5'-TCTTTAGAGAGCAGGACTTGCT-3' 5'-TTGAATGACCACCTTTTCATC-3'	Contig B
hisD-F hisD-R	5'-CGCTGATGAAATCCTCTATG-3' 5'-CTTCGGTTACAAAGGCGTT-3'	HisD
CMV/1-F CMV/1-R	5-GCGTTACATAACTTACGGTA-3' 5'-CGTAGATGTACTGCCAAGTAG-3'	CMV
CMV/2-F CMV/2-R	5'-GCGTTACATAACTTACGGTA-3' 5'-GTCATTAGTTCATAGCCCATA-3'	CMV

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