TableS 1 - Oligonucleotide sequences for the infectious clone methodology and site-directed mutagenesis

	Forward Primer		Reverse Primer		Purpose
	ID	**Sequence (5' --> 3')**	**ID**	**Sequence (5' --> 3')**	
Cloning steps	1(+)	CGCCTGGTATCTTTATAGTCCTGTCGGGTTTCGC	1(-)	CCAAATGTGTTTATTGCCTAGCAACTCGATTTGCAGACC	Merge the SP6 transcription promoter to fragment 1
	ICYFSP6	ATTTAGGTGACACTATAGAGTAAATCCTGTGTGCTAATTGAGGTGCATTGG	2.1(-)	TTGACCTCGGCATGAACATGTCACTCTCTTCAA	Obtain fragment 1
	3(+)	GAATGGAAGCTTCATCATCGATGGGAAGTCCAGGAAA	3(-)	GAGAAAGGCCCCACGCGTGACGTGC	Obtain fragment 2
	4(+)	GCACGTCACGCGTGGGGCCTTTCTC	4(-)	TCTCAATTTTGCGGTACCTCTCGAGACGGCC	Obtain fragment 3
	5(+)	GGCCGTCTCGAGAGGTACCGCAAAATTGAGA	5(-)	GAGCCAGACGGACTAGTGGTTTTGTGTTTGTCATCC	Obtain fragment 4
	MCS2(+)	GGCCGCCATATGATCGATGCGCGCGAATTCACGCGTGACGTCGGTACCGGCGCCGTGCACACTAGTATGCA	MCS2(-)	TACTAGTGTGCACGGCGCCGGTACCGACGTCACGCGTGAATTCGCGCGCATCGATCATATGGC	MCS of pCC1-4K
	MCS3(+)	GGCCGCCATATGATCGATGCGCGCGAATTCACGCGTGACGTCGGTACCGGCGCCGTGCACACTAGTC	MCS3(-)	TCGAGACTAGTGTGCACGGCGCCGGTACCGACGTCACGCGTGAATTCGCGCGCATCGATCATATGGC	MCS of pBR322
Template cDNA regeneration	Mlu(+)	TTCACGCGTGACGTCGGTACCGCAAAATTG	Mlu(-)	ACGCGTGAATTCCACACTCTGTTTGAGAAC	Primer set 1 - Amplification of the entire pCC1+1.4 plasmid
	2.3(+)	CGCGCGAATTCCTTCCAGATAGAAGAGTTT	2.3(-)	TTTTCCCAGTCACGACGTTGTAAAACGACG	Primer set 2 - Amplification of fragment 2.3
	ICYFSP6	ATTTAGGTGACACTATAGAGTAAATCCTGTGTGCTAATTGAGGTGCATTGG	YFmelt65Rnew	AGTGGTTTTGTGTTTTTCGTCCAAAGGTCTGCTTATTCTTGAGC	Primer set 3 - Final template cDNA amplification
Site-directed mutagenesis	NS5_R101K(+)	GAGAAGTGAGTGGGGTCAAGGGATTCACCCTT	NS5_R101K(-)	AAGGGTGAATCCCTTGACCCCACTCACTTCTC	Mutagenesis in 101
	NS5_I138V(+)	CCATCGCCTTGAGCCGGTAAAGTGTGATACCCT	NS5_I138V(-)	AGGGTATCACACTTTACCGGCTCAAGGCGATGG	Mutagenesis in 138
	NS5_S173G(+)	CTGTTGAGAAATGGTTGGGCTGTGGTGTTGAAAGC	NS5_S173G(-)	GCTTTCAACACCACAGCCCAACCATTTCTCAACAG	Mutagenesis in 173