b·e·i **RESOURCES**

SUPPORTING INFECTIOUS DISEASE RESEARCH

SARS Coronavirus, Tor2, Complete Gateway® Clone Set, Recombinant in *Escherichia coli*

Catalog No. NR-19270

Table 1: SARS Coronavirus, Tor2, Gateway® Clones

Clone (Acession Number)	Description	Class[1]
NP_828860	Leader protein nsp1-pp1/pp1ab	A
NP_828861	Counterpart of MHV p65 protein nsp2-pp1a/pp1ab	C
NP_828863	3C-like proteinase nsp5-pp1a/pp1ab (3CL-PRO)	B
NP_828864	Transmembrane protein nsp6-pp1a/pp1ab	B
NP_828865	Protein nsp7-pp1a/pp1ab	B
NP_828866	Protein nsp8-pp1a/pp1ab	A
NP_828867	RNA-binding protein nsp9-pp1a/pp1ab	A
NP_828868	Protein nsp10-pp1a/pp1ab	A
NP_828869(a)	RNA-dependent RNA polymerase nsp12-pp1ab (RdRp) (with leader)	C
NP_828869(b)	RNA-dependent RNA polymerase nsp12-pp1ab (RdRp) (without leader)	C
NP_828870	Zinc-binding NTPase/helicase nsp13-pp1ab (ZD NTPase/HEL)	A
NP_828871	nsp14-pp1ab (nuclease ExoN homolog)	A
NP_828872	Replicative endoribonuclease NendoU nsp15-pp1ab	A
NP_828873	Ribose 2'-O-methyltransferase nsp16-pp1ab	B
NP_828851	E2 glycoprotein precursor; putative spike glycoprotein	C
NP_828852	Protein 3a (sars3a)	B
NP_828853	Putative protein 3a (sars3b)	B
NP_828854	Small envelope protein E	B
NP_828855	Matrix protein M	B
NP_828856	Putative protein (sars6)	B
NP_828857	Putative protein (sars7a)	A
NP_849175	Putative protein (sars7b)	C
NP_849176	Putative protein (sars8a)	B
NP_849177	Putative protein (sars8b)	B
NP_828858	Nucleocapsid protein N	A
NP_828859	Putative protein (sars9b)	B
AAP41049	Orf14 (SARS coronavirus, Tor2)	B

[1]**Class A:** 100% identity to target with >= 2X coverage over the full length of the insert. These clones should be considered completely error free.
Class B: 100% identity to target with < 2X coverage over the full length of the insert. These clones have no mismatches relative to the intended insert sequence, however there are regions where we have only been able to verify the sequence using one read.
Class C: Less than 100% identity to intended target sequence. These clones either have not been completely verified, or have sequence that differs from the Genbank Accession.
Class D: These clones have not yet been completely verified, due to sequencing gaps.

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