

Electronic Supplementary Material

Genetic Mutation of SARS-CoV-2 during Consecutive Passages in Permissive Cells

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Table S1 Susceptibility of cell lines derived from different hosts to SARS-CoV-2

Cell line	Host	Origin of cell line	Source	Expression of N protein at 24 hpi [#]	Cytopathic effect at 72 hpi*	
Calu-3	Human	<i>Homo sapiens</i> lung	ATCC no. HTB-55	+	P	
HeLa		<i>H. sapiens</i> cervix	ATCC no. CCL-2	N	N	
Hep-2		<i>H. sapiens</i> larynx	ATCC no. CCL-23	+	N	
Hep G2		<i>H. sapiens</i> liver	ATCC no. HB-8065	+	N	
Huh-7		<i>H. sapiens</i> liver	N/A	+++	N	
A549		<i>H. sapiens</i> lung	ATCC no. CCL-185	N	N	
RD		<i>H. sapiens</i> striated muscle	ATCC no. CCL-136	N	N	
Caco-2		<i>H. sapiens</i> colon	ATCC no. HTB-37	+++	N	
MCSF		<i>H. sapiens</i> brain	N/A	N	N	
HUVEC		<i>H. Sapiens</i> umbilical vein endothelium	ATCC no. CRL-1730	N	N	
HaCaT		<i>H. sapiens</i> skin	N/A	+	N	
THP-1		<i>H. sapiens</i> peripheral blood	ATCC no. TIB-202	N	N	
Vero E6		Monkey	<i>Cercopithecus aethiops</i> kidney	ATCC no. CRL-1586	++++	P
LLC-MK2			<i>Macaca mulatta</i> kidney	ATCC no. CCL-7	+	P
RaLu	Bat	<i>Rhinolophus affinis</i> lung	In-house	N	N	
RaKi		<i>R. affinis</i> kidney	In-house	N	N	
RsHe		<i>Rhinolophus sinicus</i> heart	In-house	N	N	
RsKi		<i>R. sinicus</i> kidney	In-house	N	N	
RsLu		<i>R. sinicus</i> lung	In-house	N	N	
MdKi		<i>Myotis davidii</i> kidney	In-house	N	N	
RIKi		<i>Rousettus leschenaultia</i> kidney	In-house	N	N	
PaKi		<i>Pteropus alecto</i> kidney	In-house	N	N	
ST		Swine	<i>Sus scrofa</i> testicle	ATCC no. CRL-1746	+	N
SIEC			<i>S. scrofa</i> intestine	N/A	N	N
FK	Cat	<i>Felis</i> kidney	N/A	N	N	
MDCK	Canine	<i>Canis familiaris</i> kidney	ATCC no. CCL-34	N	N	
Mv.1.Lu	Mink	<i>Mustla vison</i> lung	In-house	N	N	
BHK-21	Hamster	<i>Mesocricetus auratus</i> kidney	ATCC no. CCL-10	N	N	
BRL 3A	Rat	<i>Rattus norvegicus</i> liver	ATCC no. CRL-1442	N	N	
L-929	Mouse	<i>Mus musculus</i> areolar and adipose	ATCC no. CCL-1	N	N	

#: Expression efficiency of N protein was defined by the Cy3-positive cell ratio; +, 1–10%; ++, >10–30%; +++, >30–50%; +++++, >50%.

*: P and N are defined as positive and negative, respectively. hpi, hours post-infection.