



Stuart G Siddell

Kontakt

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Publikationen (13)

van den Worm S, Thiel V, Snijder E, Siddell S, Chang G, Dijkman R, Kuri T, Züst R, Weber F, Zevenhoven J, Eriksson K, Davidson A. Reverse genetics of SARS-related coronavirus using vaccinia virus-based recombination. *PloS one* 2012; 7:e32857.

Kuri T, Ziebuhr J, Thiel V, Siddell S, Davidson A, Snijder E, Züst R, Putics A, Eriksson K, Weber F. The ADP-ribose-1"-monophosphatase domains of severe acute respiratory syndrome coronavirus and human coronavirus 229E mediate resistance to antiviral interferon responses. *J Gen Virol* 2011; 92:1899-905.

Züst R, Ludewig B, Siddell S, Diamond M, Barchet W, Baker S, Szretter K, Ziebuhr J, Neuman B, Maier R, Habjan M, Cervantes-Barragan L, Thiel V. Ribose 2'-O-methylation provides a molecular signature for the distinction of self and non-self mRNA dependent on the RNA sensor Mda5. *Nat Immunol* 2011; 12:137-43.

Roth-Cross J, Stokes H, Chang G, Chua M, Thiel V, Weiss S, Gorbalenya A, Siddell S. Organ-specific attenuation of murine hepatitis virus strain A59 by replacement of catalytic residues in the putative viral cyclic phosphodiesterase ns2. *Journal of virology* 2009; 83:3743-53.

Ziebuhr J, Schelle B, Karl N, Minskaia E, Bayer S, Siddell S, Gorbalenya A, Thiel V. Human coronavirus 229E papain-like proteases have overlapping specificities but distinct functions in viral replication. *Journal of virology* 2007; 81:3922-32.

Scandella E, Günther S, Jiang H, Ludewig B, Siddell S, Shen X, Shen J, Luo X, Gui C, Chen L, Drosten C, Hertzog T, Eriksson K, Thiel V (2005). Identification and evaluation of coronavirus replicase inhibitors using a replicon cell line.

Schelle B, Karl N, Ludewig B, Siddell S, Thiel V (2005). Nucleocapsid protein expression facilitates coronavirus replication.

Sawicki S, Sawicki D, Younker D, Meyer Y, Thiel V, Stokes H, Siddell S. Functional and genetic analysis of coronavirus replicase-transcriptase proteins. *PLoS pathogens* 2005; 1:e39.

Schelle B, Karl N, Ludewig B, Siddell S, Thiel V. Selective replication of coronavirus genomes that express nucleocapsid protein. *Journal of virology* 2005; 79:6620-30.

Coley S, Lavi E, Sawicki S, Fu L, Schelle B, Karl N, Siddell S, Thiel V. Recombinant mouse hepatitis virus strain A59 from cloned, full-length cDNA replicates to high titers in vitro and is fully pathogenic in vivo. *Journal of virology* 2005; 79:3097-106.

Hertzog T, Scandella E, Schelle B, Ziebuhr J, Siddell S, Ludewig B, Thiel V. Rapid identification of coronavirus replicase inhibitors using a selectable replicon RNA. *The Journal of general virology* 2004; 85:1717-25.

Thiel V, Karl N, Schelle B, Disterer P, Klagge I, Siddell S. Multigene RNA vector based on coronavirus transcription. *Journal of virology* 2003; 77:9790-8.

Thiel V, Herold J, Siddell S. Long distance reverse-transcription PCR. In: *PCR Cloning Protocols*. Totowa, New Jersey: Humana Press, 2002. S. 59-66.

Projekte (0)

Keine Resultate gefunden.

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