

Direct sequencing

NCBI	Sample type	Clinical outcome*	Sequence (VP1-98 + VP1-145)	Reference
KP691643	Throat swab	Mild	EE	[1]
KP691644	Throat swab	Mild	EE	
KP691645	Throat swab	Mild	EE	
KP691646	Throat swab	Mild	EE	
KP691647	Throat swab	Mild	EE	
KP691648	Throat swab	Mild	EE	
KP691649	Throat swab	Mild	EE	
KP691650	Throat swab	Mild	EE	
KP691651	Throat swab	Mild	EE	
KP691652	Throat swab	Mild	EE	
KP691653	Throat swab	Mild	EE	
KP691654	Throat swab	Mild	EE	
KP691655	Throat swab	Mild	EE	
KP691656	Throat swab	Mild	EE	
KP691657	Throat swab	Mild	EE	
KP691658	Throat swab	Mild	EE	
KP691659	Throat swab	Mild	EE	
KP691660	Throat swab	Mild	EE	
KP691661	Throat swab	Mild	EE	
KP691662	Throat swab	Mild	EE	
KP691663	Throat swab	Mild	EE	
KP691664	Throat swab	Mild	EE	
KP691665	Throat swab	Mild	EE	
KP691666	Throat swab	Mild	EE	
JQ419491	Throat swab	Mild	EE	[2]
JQ419492	Throat swab	Mild	EE	
JQ419493	Throat swab	Mild	KE	
JQ419494	Throat swab	Mild	EE	
JQ419495	Throat swab	Mild	EE	
JQ419496	Throat swab	Mild	EE	
JQ419497	Throat swab	Mild	KE	
JQ419498	Throat swab	Mild	KE	
JQ419499	Throat swab	Severe	EE	
JQ766195	Throat swab, fecal swab	Severe	EE	[3]
KY796193	Throat swab	Mild	EE	[4]
KT717067	Stool sample	Mild	EE	[5]
KT717068	Stool sample	Mild	EE	
KJ156339	Stool sample	N.D.	EE	[6]

KJ156340	Stool sample		EE	
KJ156341	Stool sample		EE	
KJ156342	Stool sample		EE	
KJ156343	Throat swab		EE	
KJ784497	Throat swab		EE	
KJ784498	Throat swab		EE	
KJ784499	Throat swab		EE	
KJ784500	Throat swab		EE	
KY041858	Nasal swab	N.D.	EE	[7]
KY041859	Nasal swab		EE	
KY041860	Nasal swab		EE	
KY041861	Nasal swab		EE	
KY041862	Nasal swab		EE	
KY041863	Nasal swab		EE	
KY041864	Nasal swab		EE	
KP171496	Throat swab	Mild or severe	EE	[8]
KP171497	Throat swab		EE	
KP171498	Throat swab		EE	
KP171499	Throat swab		EE	
KP171500	Throat swab		EE	
KP171501	Throat swab		EE	
KP171502	Throat swab		EE	
KP171503	Throat swab		EE	
KP171504	Throat swab		EE	
KP171505	Throat swab		EE	
KP171506	Throat swab		EE	
KP171507	Throat swab		EE	
KP171508	Throat swab		EE	
KP171509	Throat swab		EE	
HQ828086	Intestinal content	Fatal	EE	[9]
GQ231934	Throat swab, rectal swab	Mild	EE	[10]
GQ231935	Throat swab, rectal swab	Mild	EE	
GQ231936	Throat swab, rectal swab	Mild	EE	
GQ231937	Throat swab, rectal swab	Severe	EE	
GQ231939	Throat swab, rectal swab	Severe	EE	
GQ231940	Throat swab, rectal swab	Mild	EE	
GQ231941	Throat swab, rectal swab	Severe	EQ	

GQ231942	Throat swab, rectal swab	Severe	EE	
GQ231943	Throat swab, rectal swab	Severe	EE	
EU414333	CSF	Severe	EE	[11]
JX990970	N.D.	N.D.	EE	[12]
JX990971	N.D.		EE	
JX990972	N.D.		KE	
JX990973	N.D.		EE	
JX990974	N.D.		EE	
JX990975	N.D.		EE	
JX990976	N.D.		KE	
JX990977	N.D.		KE	
JX990978	N.D.		KE	
JX990979	N.D.		KE	
JX990980	N.D.		KE	
JX990981	N.D.		EE	
JX990982	N.D.		KE	
JX990983	N.D.		EE	
JX990984	N.D.		EE	
JX990985	N.D.		KE	
JX990986	N.D.		EE	
JX990987	N.D.		EE	
JX990988	N.D.		EE	
JX990989	N.D.		KE	
JX990990	N.D.		EE	
JX990991	N.D.		EE	
JX990992	N.D.		EQ	
JX990993	N.D.		EE	
JX990994	N.D.		EG	
JX990995	N.D.		EE	
JX990996	N.D.		EE	
JX990997	N.D.		EE	
JX990998	N.D.		EE	
JX990999	N.D.		EE	
JX991000	N.D.	EQ		
JX991001	N.D.	EE		
JX991002	N.D.	EQ		
JX991003	N.D.	EQ		
JX991004	N.D.	EQ		
JX991005	N.D.	EQ		
JX991006	N.D.	EE		
JX991007	N.D.	EE		

JX991008	N.D.		EE	
JX991009	N.D.		EE	
JX991010	N.D.		EE	
JX991011	N.D.		EG	
JX991012	N.D.		EE	
JX991013	N.D.		EE	
JX991014	N.D.		EE	
JX991015	N.D.		EE	
JX991016	N.D.		EE	
JX991017	N.D.		EE	
JX991018	N.D.		EE	
JX991019	N.D.		EE	
JX991020	N.D.		EE	
JX991021	N.D.		EE	
JX991022	N.D.		EE	
JX991023	N.D.		EE	
JX991024	N.D.		EE	
JX991025	N.D.		EE	
JX991026	N.D.		EE	
JX991027	N.D.		EE	
JX991028	N.D.		EE	
JX991029	N.D.		EE	
JX991030	N.D.		EE	
JX991031	N.D.		EE	
JX991032	N.D.		EE	
JX991033	N.D.		EE	
JX991034	N.D.		EE	
JX991035	N.D.		EE	
JX991036	N.D.		EE	
JX991037	N.D.		EE	
JX991038	N.D.		EE	
JX991039	N.D.		EE	
JX991040	N.D.		EE	
JX991041	N.D.		EE	
JX991042	N.D.		EE	
JN944847	Throat swab	Mild or severe	EE	[13]
JN944848	Throat swab		EE	
JN944849	Throat swab		EE	
JN944850	Throat swab		EE	
JN944851	Throat swab		EE	
JN944852	Throat swab		EE	
JN944853	Throat swab		EE	
JN944854	Throat swab		EE	

JN944855	Throat swab		EE	
JN944856	Throat swab		EE	
JN944857	Throat swab		EE	
JN944858	Throat swab		EE	
JN944859	Throat swab		EE	
JN944860	Throat swab		EE	
JN944861	Throat swab		EE	
JN944862	Throat swab		EE	
JN944863	Throat swab		EE	
JN944864	Throat swab		EE	
JN944865	Throat swab		EE	
JN944866	Throat swab		EE	
JN944867	Throat swab		EE	
JN944868	Throat swab		EE	
JN944869	Throat swab		EE	
JN944870	Throat swab		EE	
JN944871	Throat swab		EE	
JN944872	Throat swab		EE	
JN944873	Throat swab		EE	
JN944874	Throat swab		EE	
JN944875	Throat swab		EE	
JN944876	Throat swab		EE	
JN944877	Throat swab		EE	
JN944878	Throat swab		EE	
JN944879	Throat swab		EE	
JN944880	Throat swab		EE	
JN944881	Throat swab		EE	
JN944882	Throat swab		EE	
JN944883	Throat swab		EE	
JN944884	Throat swab		EE	
JN944885	Throat swab		EE	
JN944886	Throat swab		EE	
JN944887	Throat swab		EE	
JN944888	Throat swab		EE	
JN944889	Throat swab		EE	
JN944890	Throat swab		EE	
JN944891	Throat swab		EE	
JN944892	Throat swab		EE	
JN944893	Throat swab		EE	
JN944894	Throat swab		EE	
JN944895	Throat swab		EE	

Sequencing from cell culture adaptation

NCBI	Sample type	Cell	Clinical outcome*	Sequence (VP1-98 + VP1-145)	Reference
MG773122	Throat swab	RD	Mild	EE	[14]
MG773123	Throat swab	RD	Mild	EE	
MG773124	Throat swab	RD	Mild	EE	
MG773125	Throat swab	RD	Mild	EE	
MG773126	Throat swab	RD	Mild	EE	
KX197414	Throat swab, rectal swab	Vero	Severe	EE	[15]
KX197415	Throat swab, rectal swab	Vero	Severe	EE	
KX197416	Throat swab, rectal swab	Vero	Severe	EE	
KX197417	Throat swab, rectal swab	Vero	Severe	EE	
KX197418	Throat swab, rectal swab	Vero	Mild	EE	
KX197419	Throat swab, rectal swab	Vero	Mild	EE	
KX197420	Serum, throat and rectal swabs	Vero	Mild	EE	
KX197421	Serum and rectal swab / BAL, throat and rectal swabs	Vero	Severe	EE	
KX197422	Throat and rectal swabs	Vero	Severe	EE	
KX197455	Throat and rectal swabs	Vero	Severe	EE	
KX197456	Throat and rectal swabs	Vero	Mild	EE	
KX197457	Throat and rectal swabs	Vero	Mild	EE	
KX197458	Serum, throat and rectal swabs	Vero	Severe	EE	
KX197459	BAL, throat and rectal swabs	Vero	Mild	EE	
KX197460	Throat and rectal swabs	Vero	Mild	EE	
KX197461	CSF, throat and rectal swabs	Vero	Severe	EE	

KX197462	Throat and rectal swabs	Vero	Severe	EE	
KX197463	CSF, throat and rectal swabs / Throat swab	Vero	Severe	EE	
KX197464	Serum, throat and rectal swabs	Vero	Severe	EE	
KX197465	Serum, throat and rectal swabs	Vero	Severe	EE	
EU868611	Throat swabs, nasal swabs, rectal swabs, saliva, urine, and blood	RD	Mild	EE	[16]
FJ461781	Throat swabs, nasal swabs, rectal swabs, saliva, urine, and blood	RD	Mild	EE	
FJ461782	Throat swabs, nasal swabs, rectal swabs, saliva, urine, and blood	RD	Mild	EE	
FJ461783	Throat swabs, nasal swabs, rectal swabs, saliva, urine, and blood	RD	Mild	EE	
FJ461784	Throat swabs, nasal swabs, rectal swabs, saliva, urine, and blood	RD	Mild	EE	
FJ461785	Throat swabs, nasal swabs, rectal swabs, saliva, urine, and blood	RD	Mild	EE	
FJ461786	Throat swabs, nasal swabs, rectal swabs, saliva, urine, and blood	RD	Mild	EE	
FJ461787	Throat swabs, nasal swabs, rectal swabs, saliva, urine, and blood	RD	Mild	EE	

FJ461788	Throat swabs, nasal swabs, rectal swabs, saliva, urine, and blood	RD	Mild	EE		
FJ461789	Throat swabs, nasal swabs, rectal swabs, saliva, urine, and blood	RD	Mild	EE		
JN835312	Pharyngeal swab	BGM	Mild	EE	[17]	
GQ117124	Throat swab, vesicular fluid	RD	Mild	KE	[18]	
GQ117125	Throat swab, vesicular fluid	RD	Mild	KE		
GQ117126	Throat swab, vesicular fluid	RD	Mild	KE		
GQ117127	Throat swab, vesicular fluid	RD	Mild	KE		
GQ117128	Throat swab, vesicular fluid	RD	Mild	KE		
KU645333	CSF, throat swab, fecal specimen	RD, MRC-5, FrHK	Severe	EE		[19]
KU645334	CSF, throat swab, fecal specimen	RD, MRC-5, FrHK	Severe	EE		
KU645335	CSF, throat swab, fecal specimen	RD, MRC-5, FrHK	Severe	EE		
KU645336	CSF, throat swab, fecal specimen	RD, MRC-5, FrHK	Severe	EE		
KU645337	CSF, throat swab, fecal specimen	RD, MRC-5, FrHK	Severe	EE		
KU645338	CSF, throat swab, fecal specimen	RD, MRC-5, FrHK	Severe	EE		
AB213618	Throat swab, nasal swab	HEF, GMK	Mild	EE	[20]	
AB550333	Throat swab	RD	Mild	EG	[21]	
AB550335	Rectal swab	Vero	Fatal	EG		
AB550337	Stool	Vero	Fatal	EG		
AB550339	Nasopharyngeal swab	RD	Mild	EQ		
AB550341	Stool	RD	Mild	EQ		
AY207611	Vesicle swab	Vero, RD	Mild	EE	[22]	

AY207612	Vesicle swab	Vero, RD	Mild	EE	
AY207613	Vesicle swab	Vero, RD	Mild	EE	
AY207614	Oral swab	Vero, RD	Mild	EE	
AY207615	Vesicle swab	Vero, RD	Mild	EE	
AY207616	Stool	Vero, RD	Mild	EE	
AY207617	Throat swab	Vero, RD	Mild	EE	
AY207618	Rectal swab	Vero, RD	Mild	EE	
AY207619	Vesicle swab	Vero, RD	Mild	EE	
AY207620	Throat swab	Vero, RD	Mild	EE	
AY207621	Throat swab	Vero, RD	Mild	EE	
AY207622	Rectal swab	Vero, RD	Mild	EE	
AY207623	Rectal swab	Vero, RD	Mild	EE	
AY207624	Throat swab	Vero, RD	Mild	EE	
AY207625	Throat swab	Vero, RD	Mild	EE	
AY207626	Rectal swab	Vero, RD	Mild	EE	
AY207627	Vesicle swab	Vero, RD	Mild	EE	
AY207628	Throat swab	Vero, RD	Mild	KE	
AY207629	Throat swab	Vero, RD	Mild	KE	
AY207630	Throat swab	Vero, RD	Severe	KE	
AY207631	Rectal swab	Vero, RD	Mild	KE	
AY207632	Throat swab	Vero, RD	Mild	EE	
AY207633	Vesicle swab	Vero, RD	Mild	EE	
AY207634	Throat swab	Vero, RD	Mild	EE	
AY207635	Ulcer swab	Vero, RD	Mild	EE	
AY207636	Throat swab	Vero, RD	Mild	EG	
AY207637	Throat swab	Vero, RD	Mild	KE	
AY207638	Throat swab	Vero, RD	Mild	KE	
AY207639	Throat swab	Vero, RD	Severe	KE	
AY207640	Rectal swab	Vero, RD	Mild	KE	
AY207641	Oral swab	Vero, RD	Mild	EG	
AY207642	Cerebellum	Vero, RD	Severe	EG	
AY207643	Spinal cord	Vero, RD	Severe	EQ	
AY207644	Stool	Vero, RD	Mild	EG	
AY207645	Stool	Vero, RD	Mild	EG	
AY207646	Brainstem	Vero, RD	Severe	KE	
AY207647	Stool	Vero, RD	Mild	EE	
AY207648	Spinal cord	Vero, RD	Severe	EG	
AY207649	Left brain	Vero, RD	Myocarditis	KE	
AY207650	Rectal swab	Vero, RD	Mild	EE	
AY207651	Stool	Vero, RD	Mild	EE	
AY207652	Rectal swab	Vero, RD	Severe	KE	
AY207653	Vesicle swab	Vero, RD	Severe	KE	
HQ129932	Vesicular fluid	RD		EE	[23]

FJ606447	Vesicular fluid	RD	Mild and severe	EE		
FJ606448	Vesicular fluid	RD		EE		
FJ606449	Vesicular fluid	RD		EE		
FJ606450	Vesicular fluid	RD		EE		
JN544418	Throat swab	Vero	Fatal	EQ	[24]	
AM396587	CSF, rectal swab, stool	Vero	Fatal	KE	[25]	
AM396584	CSF, rectal swab, stool	Vero	Mild	EE		
AM396588	CSF, rectal swab, stool	Vero	Mild	EE		
AM396586	CSF, rectal swab and stool	Vero	Mild	KE		
EU812515	Throat swab	Vero	Mild	EE	[26]	
FJ439769	Pharyngeal swab	RD	Mild	EE	[27]	
FJ828519	Stool	N.D.	Mild	EE	[28]	
JN256059	Vesicular swab, throat swab and stool	RD	Mild	KE	[29]	
JN256060	Vesicular swab, throat swab and stool	RD	Mild	EE		
JN256061	Vesicular swab, throat swab and stool	RD	Mild	EE		
JN256062	Vesicular swab, throat swab and stool	RD	Mild	EE		
JN256063	Vesicular swab, throat swab and stool	RD	Mild	EE		
JN256064	Vesicular swab, throat swab and stool	RD	Mild	EE		
JN256065	Vesicular swab, throat swab and stool	RD	Mild	EE		
JN256066	Vesicular swab, throat swab and stool	RD	Mild	EE		
JN256067	Vesicular swab, throat swab and stool	RD	Mild	EE		
JN256068	Vesicular swab, throat swab and stool	RD	Mild	EE		
HM037792	Feces	RD	Fatal	EE		[30]
HM037793	Feces	RD	Mild	EE		

HM037794	Feces	RD	Severe	EE		
HM037795	Rectal swab	RD	Severe	EE		
HM037796	Feces	RD	Severe	EE		
HM037797	Feces	RD	Mild	EE		
HM037798	Vesicle fluid	RD	Mild	EE		
HM037799	Rectal swab	RD	Mild	EE		
HM037800	Feces	RD	Fatal	EG		
HM037801	Throat swab	RD	Severe	EE		
HM037802	Feces	RD	Mild	KE		
HM037803	Rectal swab	RD	Severe	EQ		
HM037804	Feces	RD	Severe	EE		
HM037805	Throat swab	RD	Severe	EE		
HM037806	Feces	RD	Mild	EK		
HM037807	Feces	RD	Fatal	EE		
HM037808	Throat swab	RD	Fatal	EE		
GU196833	Anal swab	Vero, RD	Mild	KE		[31]
GQ994992	Anal swab	Vero, RD	Mild	KE		
GQ994989	Stool	Vero, RD	Mild	KE		
GQ994990	Stool	Vero, RD	Mild	KE		
GQ994991	Anal swab	Vero, RD	Mild	KE		
GQ994988	Throat swab	Vero, RD	Mild	KE		
DQ341354	Vesicle, throat swab, rectal swab, stool and CSF	N.D.	Mild or severe	EQ	[32]	
DQ341358	Vesicle, throat swab, rectal swab, stool and CSF	N.D.		EE		
DQ341359	Vesicle, throat swab, rectal swab, stool and CSF	N.D.		EE		
DQ341361	Vesicle, throat swab, rectal swab, stool and CSF	N.D.		EE		
DQ341364	Vesicle, throat swab, rectal swab, stool and CSF	N.D.		EE		
DQ452074	Vesicle, throat swab, rectal swab, stool and CSF	N.D.		EE		
AF376065	CSF	N.D.		Severe		EE

AF376105	Stool	N.D.	Severe	EG		
AF376106	CSF	N.D.	Severe	KE		
AF376109	CSF	N.D.	Severe	KE		
AF376110	CSF	N.D.	Severe	KE		
AF376111	N.D.	N.D.	N.D.	EQ		
AF376116	Stool	N.D.	Severe	EG		
AF376125	Throat swab	N.D.	Severe	EG		
JX244182	Stool	RD	Mild	EG		[33]
JX244183	Stool	RD	Mild	EG		
JX244184	Stool	RD	Mild	EE		
JX244185	Stool	RD	Severe	EE		
JX244186	Anal swab	RD	Fatal	KE		
JX244187	Anal swab	RD	Severe	KQ		
KC436265	Stool	RD	Mild	EE	[34]	
KC436266	Stool	RD	Mild	EE		
KC436267	Stool	RD	Mild	EE		
KC436268	Stool	RD	Mild	EE		
KC436269	Rectal swab	RD	Mild	EE		
KC436270	Stool	RD	Mild	EE		
KC436271	Stool	RD	Mild	EE		
KC436272	Stool	RD	Mild	EE		
KC436273	Stool	RD	Mild	EE		
KC436274	Throat swab	RD	Mild	EE		
KC436275	Stool	RD	Mild	EE		
KC436276	Stool	RD	Mild	EE		
KC436277	Stool	RD	Mild	EE		
KC436278	Stool	RD	Mild	EE		
KC436279	Throat swab	RD	Mild	EE		
KC436280	Stool	RD	Mild	EE		
KC436281	Stool	RD	Mild	EE		
KC436282	Stool	RD	Mild	EE		
KC436283	Stool	RD	Mild	EE		
KC436284	Nasopharyngeal aspirate	RD	Mild	EE		
KC436285	Stool	RD	Mild	EE		
KC436286	Nasopharyngeal aspirate	RD	Mild	EE		
AF009523	N.D.	RD	Severe	EE		[35]
AF009525	N.D.	RD	Severe	EE		
AF009526	N.D.	RD	Severe	EQ		
AF009527	N.D.	RD	Severe	EG		
AF009539	N.D.	RD	Severe	EE		
AF009542	N.D.	RD	Severe	EE		

AF009546	N.D.	RD	Severe	EE
AF009549	N.D.	RD	Severe	EE
AF135883	N.D.	RD	Severe	EE
AF135884	N.D.	RD	Severe	EE
AF135885	N.D.	RD	Severe	EE
AF135886	N.D.	RD	Severe	EE
AF135893	N.D.	RD	Severe	EG
AF135895	N.D.	RD	Severe	KE
AF135899	N.D.	RD	Severe	EE
AF135938	N.D.	RD	Severe	EQ
AF135940	N.D.	RD	Severe	EA
AF135948	N.D.	RD	Severe	EE
AF135950	N.D.	RD	Severe	EE

*N.D. indicates not determined.

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