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Reporting Summary

x Life sciences

Behavioural & social sciences

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Sta	tistics				
For	all statistical analyse	es, confirm that the following items are present in the figure legend, table legend, main text, or Methods section.			
n/a	a Confirmed				
	The exact sample size (n) for each experimental group/condition, given as a discrete number and unit of measurement				
	A statement on whether measurements were taken from distinct samples or whether the same sample was measured repeatedly				
×	The statistical test(s) used AND whether they are one- or two-sided Only common tests should be described solely by name; describe more complex techniques in the Methods section.				
×	A description of all covariates tested				
×	A description of any assumptions or corrections, such as tests of normality and adjustment for multiple comparisons				
x	A full description of the statistical parameters including central tendency (e.g. means) or other basic estimates (e.g. regression coefficient) AND variation (e.g. standard deviation) or associated estimates of uncertainty (e.g. confidence intervals)				
×	For null hypothesis testing, the test statistic (e.g. <i>F</i> , <i>t</i> , <i>r</i>) with confidence intervals, effect sizes, degrees of freedom and <i>P</i> value noted <i>Give P values as exact values whenever suitable.</i>				
×	For Bayesian analysis, information on the choice of priors and Markov chain Monte Carlo settings				
×	For hierarchical	al and complex designs, identification of the appropriate level for tests and full reporting of outcomes			
×	Estimates of e	ffect sizes (e.g. Cohen's d , Pearson's r), indicating how they were calculated			
		Our web collection on <u>statistics for biologists</u> contains articles on many of the points above.			
So	ftware and c	ode			
Polic	y information abou	ut <u>availability of computer code</u>			
Data collection		no custom software was used			
Data analysis		Porechop, which was used to demultiplex data from the MinION and Illumina sequencing, is available on github at: https://github.com/rrwick/Porechop			
For manuscripts utilizing custom algorithms or software that are central to the research but not yet described in published literature, software must be made available to editors/reviewers. We strongly encourage code deposition in a community repository (e.g. GitHub). See the Nature Research guidelines for submitting code & software for further information.					
Da	ta				
All	manuscripts must i Accession codes, uni A list of figures that l	ut <u>availability of data</u> nclude a <u>data availability statement</u> . This statement should provide the following information, where applicable: ique identifiers, or web links for publicly available datasets have associated raw data restrictions on data availability			
The datasets generated during and/or analysed during the current study are available from the corresponding author (S.H.) on reasonable request.					
Fie	eld-speci	fic reporting			
Plea	se select the one b	elow that is the best fit for your research. If you are not sure, read the appropriate sections before making your selection.			

Ecological, evolutionary & environmental sciences

Life sciences study design

Ethics oversight

All studies must disc	close on these	points even when the disclosure is negative.		
Sample size	For ethical considerations, the group size of animal experiments is small. A group of 12 ferrets was used: four donor ferrets, four contact recipient ferrets and four indirect recipient ferrets. The results of the transmissions studies are qualitative. Therefore, no sample size calculation was performed.			
Data exclusions	No data were e	a were excluded from the analyses		
Replication	For the transm	the transmission studies, data were replicated by having four independent transmission experiments per virus (see sample size).		
Randomization	Ferrets were ra	were randomly allocated to each group.		
Blinding	Investigators w	ors were blinded while performing RNA isolation, RTqPCR, virus titration and ELISA.		
Reporting for specific materials, systems and methods We require information from authors about some types of materials, experimental systems and methods used in many studies. Here, indicate whether each material, ystem or method listed is relevant to your study. If you are not sure if a list item applies to your research, read the appropriate section before selecting a response. Materials & experimental systems Methods Involved in the study Antibodies Antibodies				
Antibodies				
Antibodies used	_	oat anti-ferret IgG HRP labelled, ab112770, Abcam; SARS-CoV/SARS-CoV-2 Nucleocapsid Antibody, Mouse MAb, Cat: 40143- IM05, Sino Biological; Goat Anti-Mouse IgG1-HRP, Cat. No.1071-05, SouthernBiotech.		
Validation	TH	The antibodies were used according to the manufacturer instructions.		
Eukaryotic ce	ell lines			
Policy information a	about <u>cell lines</u>			
Cell line source(s)		American Type Culture Collection		
Authentication		None of the cell lines were authenticated		
Mycoplasma cont	camination	All cell lines tested negative for mycoplasma		
Commonly miside (See <u>ICLAC</u> register)		None of the cell lines used in this study have been identified as commonly misidentified lines		
Animals and	other or	ganisms		
Policy information a	about <u>studies i</u>	involving animals; ARRIVE guidelines recommended for reporting animal research		
Laboratory anima	ls N	Mustela putorius furo, female, 6-month old		
Wild animals	TH	The study did not involve wild animals		
Field-collected sar	mples	The study did not involve samples collected from the field		

Independent animal experimentation ethical review committee, license number AVD1010020174312

Note that full information on the approval of the study protocol must also be provided in the manuscript.