

Genus	Host	Virus	In Denmark	Zoonosis	Comment
<b>alphacoronavirus</b>	Pig	PEDV	No	No	Present in EU but never in DK
		TGEV	No	No	Never found in DK
		PRCV	Yes	No	Widespread, natural deletion variant of TGEV
		SeCoV	No	No	Naturally occurring recombinant virus derived from TGEV and PEDV
	Bat	Bat coronaviruses	Yes	No	More than 5 different viruses in 5 different bat species
	Cat	FCoV	Yes	No	FCoV is widespread. Can cause feline infectious peritonitis (high mortality)
	Mink	MCoV	Yes	No	Associated with epizootic catarrhal gastroenteritis
<b>betacoronavirus</b>	Cattle	BCoV	Yes	No	Causes respiratory- and enteric diseases in calves
	Pig	HEV	(Yes)	No	Causes “Vomiting and wasting disease”, probably present in DK but no recent studies performed
	Human	SARS virus	No	Yes	SARS-like virus also found in bats and civet cats
	Human	MERS virus	No	Yes	MERS virus found in camels
	Human	Wuhan, 2019nCoV	No	Yes	Most related to SARS-like viruses
	Dog	CRCoV-1 and 2	Yes	No	Widespread

	Horses	ECoV	?	No	Two horses have died in DK recently with a coronavirus detected but significance unknown. Normally causes low mortality but can be higher in young animals or miniature horses.
<b>gammacoronavirus</b>	Poultry	IBRV	Yes	No	Widespread (controlled by vaccination in DK)
<b>deltacoronavirus</b>	Pig	PDCV	No	No	Often detected in premises with PEDV in the USA

HEV is haemagglutinating encephalomyelitis virus

ECoV is equine coronavirus

BCoV is bovine coronavirus

FCoV is feline coronavirus

CRCoV is canine respiratory coronavirus

SeCoV is swine enteric coronavirus

PEDV is porcine epidemic diarrhea virus

TGEV is transmissible gastroenteritis virus

PRCV is porcine respiratory coronavirus

MCOV is mink coronavirus

SARS is severe acute respiratory syndrome

MERS is Middle East respiratory syndrome

PDCV is porcine deltacoronavirus

**Summary of animal coronaviruses relating to status in Denmark.**