

## Natural and Experimental Susceptibility of Different Animals to SARS-CoV-2\*

Type of Infection	Species	Route: Experimental infection	Cases: Natural infection	Subclinical infection	Clinical signs	Seroconversion	Documented Shedding (RNA)	Transmission to other animals	Susceptible to Reinfection
<b>Natural and Experimental</b>									
	Cat	Intranasal, oral, tracheal, ocular**	8	Yes	Yes	Yes	Rectal, nasopharyngeal	Yes, direct and indirect	Unknown
	Dog	Intranasal	3	Yes***	May be <sup>§</sup>	Yes	Rectal, nasopharyngeal	No	Unknown
<b>Natural</b>									
	Tiger	n/a	5	Yes	Yes	Unknown	Rectal (fecal)	Unknown	Unknown
	Lion	n/a	3	Unknown	Yes	Unknown	Rectal (fecal)	Unknown	Unknown
	Mink	n/a	Several	Yes	Yes	Unknown	Unknown	Likely <sup>§§</sup>	Unknown
<b>Experimental: Susceptible</b>									
	Hamster	Intranasal	n/a	Unknown	Yes	Yes	Unknown	Yes, direct contact	Unknown
	Ferret	Intranasal	n/a	Yes	Yes	Yes	Rectal, nasal	Yes, direct and indirect	Unknown
	Rabbit	Not yet reported <sup>§§§</sup>	n/a						
	Cynomolgus macaque	Intratracheal, conjunctival	n/a	Yes	Yes	Yes	Rectal, nasopharyngeal	Unknown	Unknown
	Rhesus macaque	Intranasal, intratracheal, oral, ocular	n/a	Yes	Yes	Yes	Rectal, nasopharyngeal	Unknown	No
	Common marmoset	Intranasal	n/a	Yes <sup>¶</sup>	No	Unknow	Rectal, nasopharyngeal	Unknown	Unknown
<b>Experimental: Not Susceptible</b>									
	Pig	Intranasal	n/a	No	No	No	No	n/a	n/a
	Chicken	Intranasal	n/a	No	No	No	No	n/a	n/a
	Duck	Intranasal	n/a	No	No	No	No	n/a	n/a
	Mouse	Intranasal	n/a	No	No	No	Unknown	n/a	n/a

\* Helio Autran de Moraes - last update: May 17, 2020; \*\* Intranasal in one study, a combination of all routes in the other; \*\*\* Dogs were less susceptible to infection than cats and ferrets; <sup>§</sup> One pug with transient respiratory signs and anorexia; <sup>§§</sup> Minks are kept in isolated cages and indirect transmission is likely; <sup>§§§</sup> Susceptibility based on reports from the Dutch government; <sup>¶</sup> Common marmosets were less susceptible to infection than macaques

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