Table s1 Summary of the complete CanineCV genomes sequenced used in this study

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| --- | --- | --- | --- | --- | --- | --- | --- |
| Number | Strain name | Country | Collection Date | Length(nt) | Host | Source | AccesionNumber |
| 123456789101112131415161718192021222324252627282930313233343536373839404142434445464748495051525354555657585960616263646566676869707172737475767778798081828384858687888990919293949596979899100101 | 686J45590WD-H070/TH2020WD-H026/TH20201367/2016800/2009IRN/2019/Dog/498IRN/2019/Dog/292Fox61MED-2MED-173/201701/2015UBA-BairesC85C79XF16CD17/2016Ha13214ITA/2021/cat/230.3ITA/2021/cat/99.95BS100BS97GN50AZ4438-13CD0032MED\_25MED\_24FS-2/2022FS-1/2022GZ-8/2022GZ-3/2022SH-3/2022SH-2/2022CV4FGB7FNA7FX7NP24BS\_Q44/2019K31/2019NN20/2019SD16JL21BJ-6-2019LA\_H22/2018BS\_Q38/2018GP\_P4/2019NM\_N91/2019LA\_21/2018CQ82CQ76457/2018448/2017VN-7VN-2JS-1/2019AH-1/2019D1056NC21K1WM76XXT243YL11JZ82LA237WM60GL51JZ50390UCD1-1698CB6293/2-14AZ4133/2-13AZ5586-13TE4016-13CB6293/1-14FUBerlin-JRSBari/411-13UCD2-32162UCD3-478NWT-W227NWT-W18355590VS7100005VS7100003VS7100001JZ98/2014SC64SC63SC50SC49SC48SC33SC32SC14SC12SC11SC03SC02 | Namibia:NamibiaNamibiaThailandThailandItalyItalyIranIranItalyColombiaColombiaNorwayNorwayArgentinaChinaChinaChinaChinaGermanyUSAItalyItalyChinaChinaChinaItalyChinaColombiaColombiaChinaChinaChinaChinaChinaChinaChinaCanadaCanadaCanadaCanadaChinaChinaChinaChinaChinaChinaChinaChinaChinaChinaChinaChinaChinaItalyItalyVietnamVietnamChinaChinaBrazilChinaChinaChinaChinaChinaChinaChinaChinaChinaChinaChinaUSAItalyItalyItalyItalyItalyGermanyItalyUSAUSACanadaCanadaCanadaUKUKUKChinaChinaChinaChinaChinaChinaChinaChinaChinaChinaChinaChinaChina | 20222021202220202020201620092019201920092018201820172015201620162016201620162013201120212021202220222022201320222021202120222022202220222021202220192018201820182022201920192019201920192019201920182019201920192017201720182017201820172019201920132018201620152015201620142014201520152014201720112014201320132013201420142013201120112018201320142013201320132014202220222022202220222022202220222022202220222022 |

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| 206320632063206320642062206320632063206220632063 |

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