

**Table S3** Basic information for the caprine/ovine enterovirus isolates

Isolate name	Origin	Isolation Year	Host	Isolation source	Clinical signs	Available sequence	TCID <sub>50</sub> /0.1mL
JL-LS34	Jilin	2017	Goat	feces	Severe diarrhea	Complete genome	10 <sup>6.5</sup>
JL-LS127	Jilin	2017	Goat	feces	Severe diarrhea	Complete genome	10 <sup>6.33</sup>
JL-LS165	Jilin	2017	Goat	feces	Severe diarrhea	Complete genome	10 <sup>4.5</sup>
JL-LS174	Jilin	2017	Goat	feces	Severe diarrhea	Complete genome	10 <sup>3</sup>
SD-68	Shandong	2018	Goat	feces	soft feces	Complete genome	10 <sup>6</sup>
NMG-F37	Inner Mongolia	2016	Goat	feces	soft feces	Complete genome	10 <sup>4.23</sup>
NX-DR26	Ningxia	2018	Sheep	feces	soft feces	Complete genome	10 <sup>3</sup>
XJ-259	Xinjiang	2021	Sheep	feces	soft feces	5'UTR	10 <sup>4.8</sup>
XJ-274	Xinjiang	2021	Goat	feces	Severe diarrhea	5'UTR	10 <sup>5</sup>
XJ-287	Xinjiang	2021	Sheep	feces	soft feces	5'UTR	10 <sup>5.5</sup>
HeN-T3-12	Henan	2019	Goat	feces	soft feces	5'UTR	10 <sup>5.2</sup>
HeN-D1-37	Henan	2019	Goat	feces	soft feces	5'UTR	10 <sup>3.8</sup>
HeN-D2-57	Henan	2019	Goat	feces	soft feces	5'UTR	10 <sup>4.7</sup>