

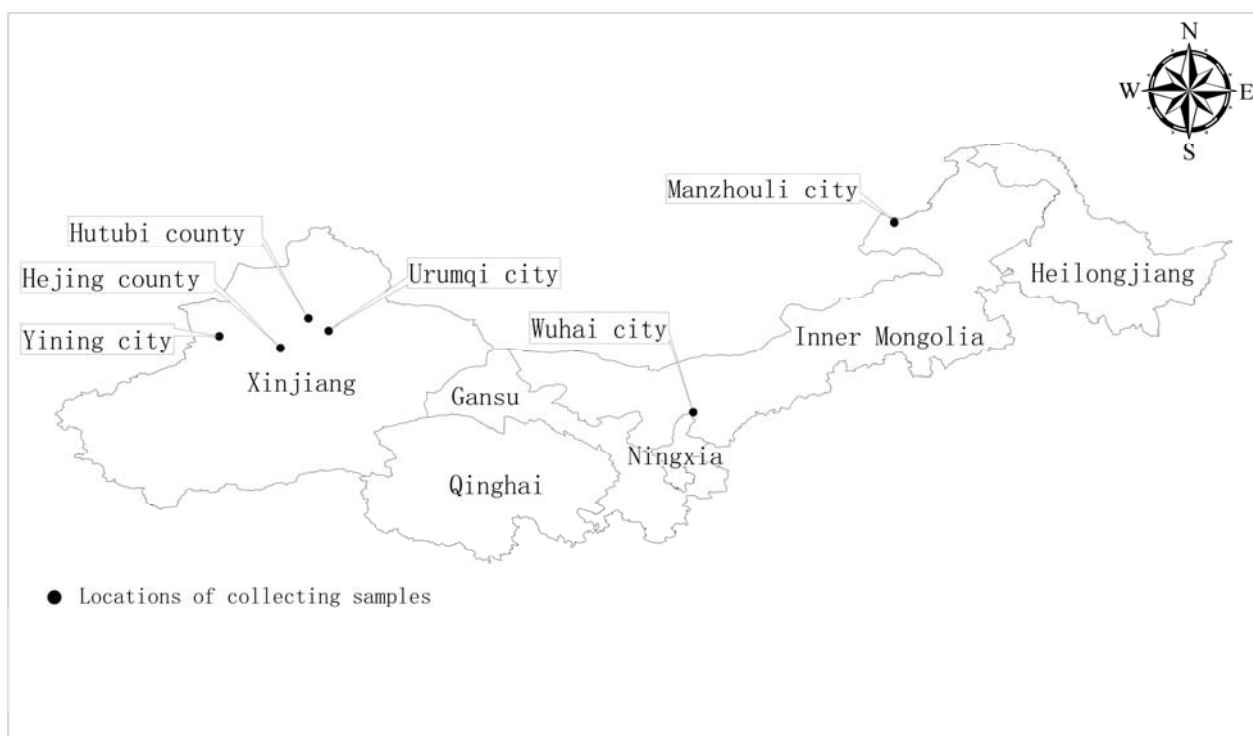
## Electronic Supplementary Material

### Identification and Characterization of the First Equine Parainfluenza Virus 5

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**Figure S1.** Six sampling locations of this study in Xinjiang and Inner Mongolia, China.

**Table S1.** Primers amplifying the whole-genome sequence of equine PIV5

Primer	Sequence (5'-3')	Product size (bp)
F-1	ACCAGGGGGAAAACGAAGTGGT	1553
R-1553	CGTCCTCTTCCTCCTCTTCCAATGG	
F-1228	GACATATTTCCAATTGGGAAT	1502
R-2729	TAGTGTCTTGCCTACATCTTCCACA	
F-2388	TGGGAGATGAAGTCAAGGTCCT	1558
R-3945	TCGACACTTCAAGTTGCATGTTAG	
F-3663	GTGACTTACTGTCCAGCTGCAAT	1472
R-5134	TCGGTCAAATAGAGATTGAGGAT	
F-4530	TACTATAATTCAATTTCTGGTGGTC	1580
R-6185	TTATCTTGTTCCAAGAGTTGCAGG	
F-6027	TTAATAATCTTGCTCAGTGTAGTTG	1516
R-7542	TGCTTGACTATTCCATAAACTCGT	
F-7246	GTCAATCGTAAGAGCTGCTCTATCA	1488
R-8733	AATTGGTCATTGATTTTAAAATCC	
F-8458	TTCACCAATTATAAAGCATAAACTA	1467
R-9924	ACTTGATGATGCTGATGGCGCTGTT	
F-9624	CTATTCTGATCAATGGATACAGGA	1515
R-11038	GACAGTAGTTGCAAGATTAGAACAT	
F-10841	AATAATTTTGGATTAGGACACCATT	1512
R-12352	ACTGGAAAAGGTGTAAGAGCTCGCA	
F-12033	GTGATAATCCTCCTATCCGTGTACC	1538
R-13570	CACATGTGGGGTTAGCTTAAGACTA	
F-13226	CGATCCATGAATCTCATTGCAAGGA	2021
R-15246	ACCAGGGGGAAAACCAAGATTAATC	