

Table2 sample information on *Dermacentor nuttalli* populations

Location	Collection time	Area code	Longitude	Latitude	Samples
ChiFeng	2019.4	CF	121°64′	43°46′	29
Siziwang Banner	2019.5	SZWQ	111°63′	40°81′	25
Hulun Buir	2019.8	HLBE	116°82′	48°67′	29
Ordos	2019.7	EEDS	108°32′	37°70′	26