

Supplementary Material

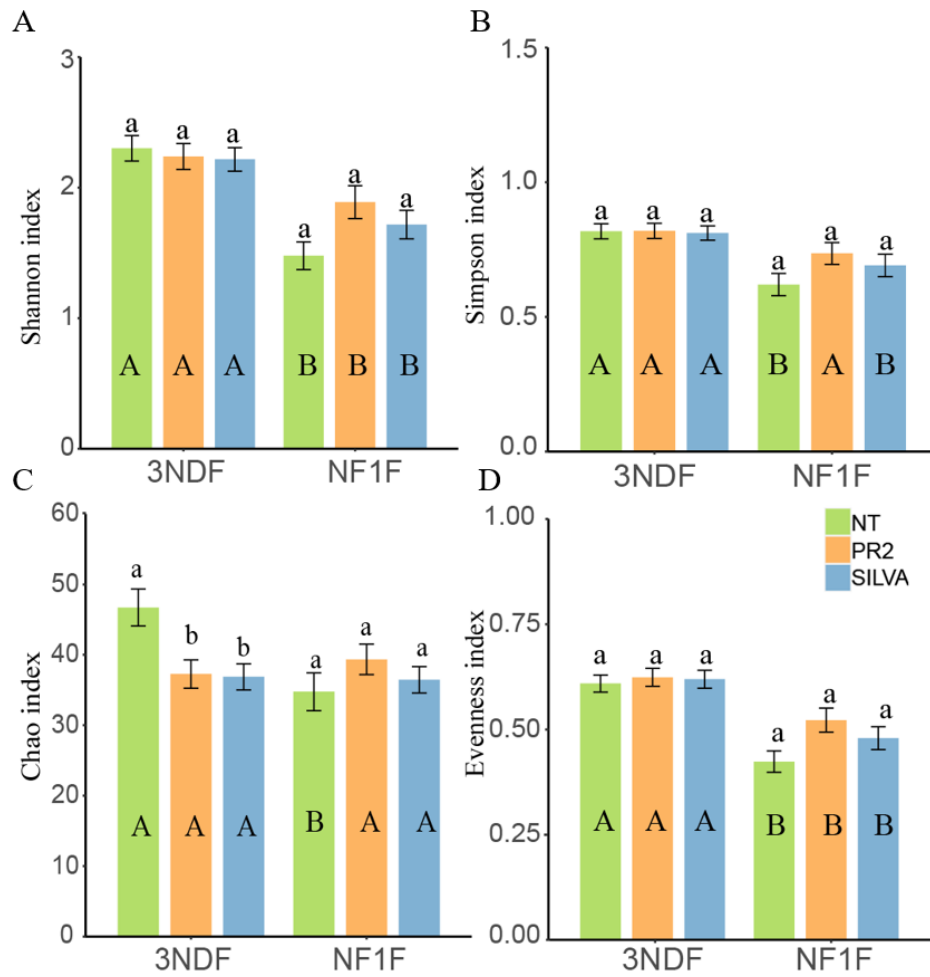


Figure S1. The diversity indices obtained from the annotations of different primers and databases. A and B represent the differences between two pairs of primers in the same database, and the lowercase letters represent the differences of three databases in the same pair of primers.

Table S1. The sequences of the nematode samples extracted from different databases according to the minimum number of sequences, the total number of sequences is shown in parentheses.

	NT	SILVA	PR2
3NDF	27912 (530328)	28207 (535933)	28178 (535382)
NF1F	26617 (505723)	34760 (660440)	36340 (690460)

Table S2. The annotation results of two primers from class to species levels in NT, SILVA and PR2 databases.

Primer	Database	Class	Order	Family	Genus	Species
	NT	3	14	58	107	189
3NDF	SILVA	3	16	55	73	107
	PR2	3	16	54	78	120
	NT	3	12	48	80	122
NF1F	SILVA	3	16	54	69	90
	PR2	3	17	53	76	105

The numbers represent the taxa which we extracted. There is little difference between the extracted and raw data, and all subsequent analyses are based on the extracted data.