

Table S1 Grouping of American ginseng and soil samples

Sampling address	Field	Planting years	Soil sample number	American ginseng sample number
Yaojia village	1	3	YS1	YG1
Yaojia village	2	3	YS2	YG2
Yaojia village	3	3	YS3	YG3
Beishadao village	1	3	BS1	BG1
Beishadao village	2	3	BS2	BG2
Beishadao village	3	3	BS3	BG3
Nanshadao village	1	3	NS1	NG1
Nanshadao village	2	3	NS2	NG2
Nanshadao village	3	3	NS3	NG3
Caiguantun village	1	3	CS1	CG1
Caiguantun village	2	3	CS2	CG2
Caiguantun village	3	3	CS3	CG3
Caiguantun village	1	1	ACS	ACG
Caiguantun village	2	2	BCS	BCG
Caiguantun village	3	3	TCS	TCG