Supplementary table 1.

Material & Method

Genoimic DNA extraction from the leaves was performed using the G-spinTMllp Genominc DNA extraction Kit (Intron, Korea) then purified PCR products using PCRquick-spin™ PCR product Purification Kit (Intron, Korea). To identified plant species, chloroplast DNA marker (*matK, rbcL, atpF-atpH, psbK-psbI, trnH-psbA*) and nuclear DNA marker ITS (intergerc transcribed spacer) were amplified. The final nucleotide sequence was analyzed using Geneious 11.1.2.

Result

The result of comparing the base sequence with Genbank using BLAST is as follows Table 1. As a result of BLAST analysis of the nrlTS nucleotide sequence of the sample, it was found to be 99% consistent with *Artemisia argyi L*., thus it was confirmed.

Table 1. GenBanK BLAST Report

rbcL	**matK**	**ITS**
Artemisia argyi 1299[i] 100%[ii] KM386991.1[iii]	Artemisia argyi 1572[i] 99%[ii] KM386991.1[iii]	Artemisia argyi 1269[i] 99%[ii] KX421699.1[iii]
Artemisia montana 1299[i] 100%[ii] KF887960.1[iii]	Artemisia montana 1572[i] 99%[ii] KF887960.1[iii]	Artemisia argyi 1269[i] 99%[ii] KX421696.1[iii]
Artemisia argyi 1299[i] 100%[ii] GQ436428.1[iii]	Artemisia argyi 1567[i] 100%[ii] KR231888.1[iii]	Artemisia argyi 1269[i] 99%[ii] GU724269.1[iii]
atpF-atpH	**psbK-psbI**	**trnH-psbA**
Artemisia annua 1003[i] 100%[ii] MF623173.1[iii]	Artemisia argyi 758[i] 99% [ii] KM386991.1[iii]	Artemisia argyi var. gracilis 859[i] 100%[ii] KU555808.1iii[iii]
Artemisia gmelinii 1003[i] 100%[ii] KY073390.1[iii]	Artemisia montana 758[i] 99% [ii] KF887960.1[iii]	Artemisia argyi var. gracilis 859[i] 100%[ii] KU555808.1[iii]
Artemisia argyi 1003[i] 100%[ii] KY085890.1[iii]	Artemisia montana 752[i] 99% [ii] NC_037388.1[iii]	Artemisia argyi 859[i] 100%[ii] KU555799.1[iii]

[i)]Maximum match Scores [ii)]Maximum similarities [iii)]Accession Num.

Reference

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