

Genetic Analysis Sample Report

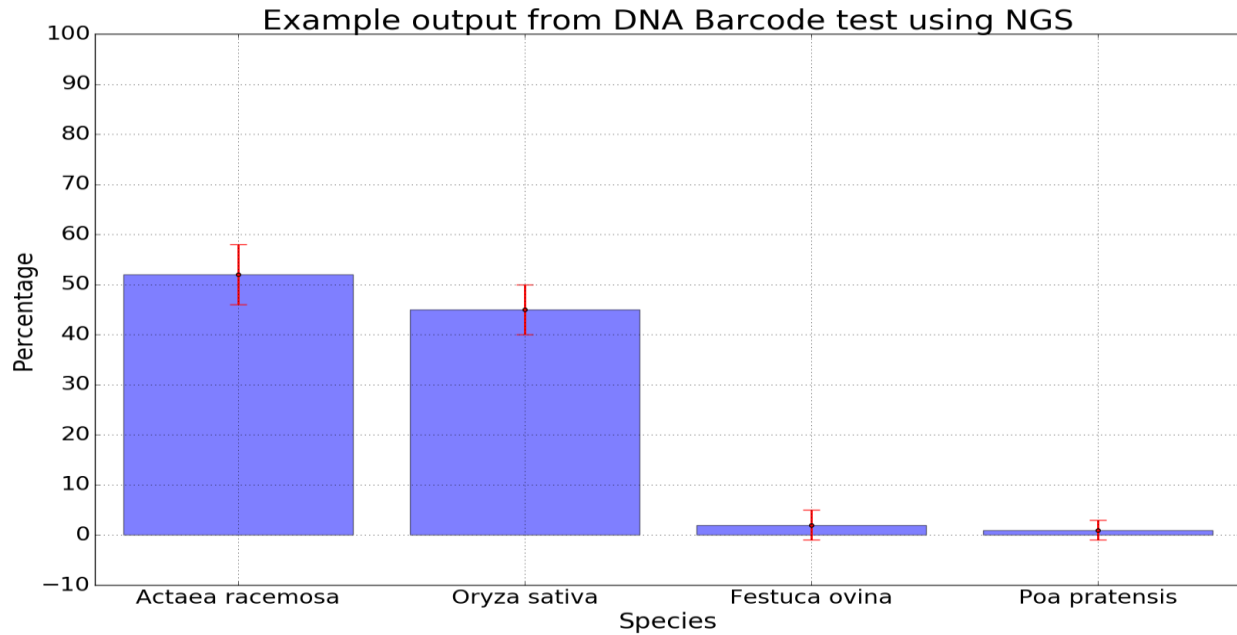
Customer ID: EXAMPLE
Customer Sample number: 123456
DNA4 Tracking ID: 1420
Date submitted: Jan 10 2018
Date sequenced: Jan 14, 2018



DNA Isolation Method: Qiagen Mericon Food Kit™ (Qiagen cat # 69514)
using standard 2 gram small fragment protocol
DNA quantitation: 76.2 ng/ul in 100 ul (via Qubit 2.0 Fluorometer Broad Sensitivity)
Library Preparation: Pooled amplicon
PCR Primers: rbcL_F: ATGTCACCACAAACAGAGACTAAAGC
rbcL_R: GTAAAATCAAGTCCACCRCG
Sequencing platform: Illumina MiSeq
Sequencing chemistry: MiSeq Reagent Kit v3 600 cycle
Data Analysis Platform: Qiime2
Reference Sequence Database: rbcL DNA Barcode Database (n = 62,487)

Assignment:

Matching Reference	Proportion In Sample	Variance
Actaea_racemosa_KP644006	54%	6%
Oryza_sativa_JX125098	45%	5%
Festuca_ovina_HQ600423	2%	3%
Poa_pratensis_HQ590213	1%	2%



METADATA

Raw Data output

Data availability:	raw data files available upon request at: info@dna4tech.com
Sequencing output:	87,176 sequence reads
Median sequence quality:	Q 29 (>99% accuracy)
Read length:	300 x 2 (paired end)
Sequence filtering:	Usearch10.0 (program used to filter and clean raw sequences)
Filtering parameters:	No ambiguous bases, minimum Q20, minimum length 50 bases.

Data Analysis Portal:	http://dna4tech.com/portal/genome2-id/ (portal provides Genome2-ID analysis software for customer use with original data)
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Sample processed in accordance with standard operating procedures at DNA4 Technologies, as certified by:

David L. Erickson, Ph.D.

On this date: January 20, 2018