

Subject: QC Report for Wiesman_Project_001
Date: Thursday, August 10, 2023 at 8:40:01 AM Central Daylight Time
From: micbiom UMGC Microbiome Services
To: extract UMGC Nucleic Acid Services
CC: MARIA ALEJANDRA TORRES MERAZ, Eric Wiesman, Juan Zalapa
Attachments: Wiesman_Project_002_QC_Report.pdf

Hello,

We have completed QC on your samples, and I have attached a summary QC report. In brief, your samples seem to have plenty of ITS2 and rbcL template. The UMGC does not have standard curves generated for rbcL, so I generated serial dilutions of samples to run with rbcL primers and found strong amplification with those primer sets as well. Since rbcL is not one of our conventional markers, we are not able to generate a formal QC report for these results, but I have analyzed the raw trace plots for each dilution for each sample and will carry forward the products that we feel will output the best quality sequencing reads.

We will move your samples forward in our pipeline without needing to modify our protocols. Please let me know if you have any questions or concerns about your results.

Thank you,

Tim Heisel

Microbiome Service Manager
4Front / Building 4 Suite E445A
3510 Hopkins Place N.
Oakdale, MN 55128
651-374-1227
micbiom@umn.edu
<https://genomics.umn.edu>

On Jun 22, 2023, at 2:59 PM, extract UMGC Nucleic Acid Services <extract@umn.edu> wrote:

Hello Alejandra,

We have completed the pilot DNA extraction for the pollen samples submitted on 6/6/2023. Please find your sample QC report enclosed below.

Wiesman_Project_001_QC_Report_Pilot.xlsx - A QC report for your samples.

Samples have been handed off to our microbiome team, CC'ed at micbiom@umn.edu, for the sequencing pilot.

Sincerely,

Hannah Craven
Researcher I
UMN Genomics Center

4Front / 3510 Hopkins Place N Suite E445A
Oakdale, MN 55128
(651) 374-1227, ext 1110

On Tue, Jun 6, 2023 at 12:14 PM extract UMGC Nucleic Acid Services <extract@umn.edu> wrote:

Hello Alejandra,

Confirming that we received the pilot samples this morning in good order. I'll follow up in a couple weeks with results from the pilot extraction.

Thank you for your submission!

Sincerely,

Veronica Tonnell
Nucleic Acid Extraction Service Manager
UMN Genomics Center
4Front / 3510 Hopkins Place N Suite E445A
Oakdale, MN 55128
(651) 374-1227, ext 1110

On May 31, 2023, at 1:32 PM, MARIA ALEJANDRA TORRES MERAZ
<torresmeraz@wisc.edu> wrote:

Hi Veronica,

I am sorry for the mistake! I attached here the corrected form.

Thank you!
Alejandra

From: extract UMGC Nucleic Acid Services <extract@umn.edu>
Date: Wednesday, May 31, 2023 at 10:18 AM
To: MARIA ALEJANDRA TORRES MERAZ <torresmeraz@wisc.edu>
Cc: Eric Wiesman <wiesman@wisc.edu>, Juan Zalapa <jezalapa@wisc.edu>
Subject: Re: Sample submission

Hello Alejandra,

I noticed your signed disclaimer states the date signed as May 30 2024 and the date of submission June 05 2024.

I assume that's a typo, if so, can you please correct them to 2023 and e-mail me an updated copy? Thank you!

Sincerely,

Veronica Tonnell
Nucleic Acid Extraction Service Manager
UMN Genomics Center

4Front / 3510 Hopkins Place N Suite E445A
Oakdale, MN 55128
(651) 374-1227, ext 1110

On May 30, 2023, at 5:51 PM, MARIA ALEJANDRA TORRES MERAZ
<torresmeraz@wisc.edu> wrote:

Hello,

My name is Alejandra Torres, graduate student at the University of Wisconsin-Madison, working with Dr. Juan Zalapa. We reached you a time ago requesting your services and now, we are ready to send you our samples to run a pilot experiment for our pollen metabarcoding project. For those reasons, I attached you all the requested shipping forms, and the quote that include the project information.

We are planning to send the package on Monday, June 5 (UPS tracking number 1Z1A06170199707934). If you need any extra information for us, please let me know.

Thank you,
Alejandra

<UMGC_Disclaimer_Submitting_Samples_Policy_07_09_2019.pdf>
<UMGC_Nucleic_Acid_Extraction_Sample_Submission_Form_v16.xlsx>
<Wiesman_02_27_2023_1.pdf>

<Wiesman_Project_001_QC_Report_Pilot.xlsx>