From: Lau, Matthew K. matthewklau@fas.harvard.edu

Subject: Re: ant sequencing Date: May 2, 2016 at 10:13 PM

To: Jim Bochicchio jboch@broadinstitute.org

Cc: Caroline Cusick ccusick@broadinstitute.org, Aaron M Ellison aellison@fas.harvard.edu



Hi Jim, thanks for the update. Please keep us posted if anything changes with the timeline for processing.

Good luck getting things optimized.

Best,

Matt

Postdoctoral Fellow Harvard Forest Harvard University 324 N Main St. Petersham, MA 01366 978-756-6165

On May 2, 2016, at 5:05 PM, Jim Bochicchio <<u>iboch@broadinstitute.org</u>> wrote:

Hi Matt

Just wanted to send along a quick update for your project. We temporarily took our frag and jump process off line for a few weeks to optimize some of the automation. We anticipate having the process back up in late May with your samples schedule for library construction in early June. Let us know if you have any questions or concerns.

Thanks Jim

On Fri, Apr 1, 2016 at 10:41 AM, Lau, Matthew K. matthewklau@fas.harvard.edu wrote:

Awesome, thanks Caroline!

Those all look great. Combined with the high yield of the extractions, this is all really promising.

Let me know if there's any info you need from me as sequencing moves forward.

Best, Matt

Postdoctoral Researcher Harvard University Harvard Forest 324 N Main St Petersham, MA 01366

On Apr 1, 2016, at 9:35 AM, Caroline Cusick ccusick@broadinstitute.org> wrote:

Hi Matt,

We just got the results of the DNA caliper run by the lab! I've attached a key that should match the "SM-ID" to the sample identifiers you provided, the well table output, and the gel image.

let me know if you have any questions!

thanks, Caroline

On Mon, Mar 21, 2016 at 5:06 PM, Lau, Matthew K. matthewklau@fas.harvard.edu> wrote:

Great, thanks, Caroline!

Matt

On Mar 21, 2016, at 4:44 PM, Caroline Cusick ccusick@broadinstitute.org wrote:

Hi Matt,

I'll put in the request to have caliper run on these samples, and send you the results once we have them.

thanks! Caroline

On Mon, Mar 21, 2016 at 3:38 PM, Lau, Matthew K. matthewklau@fas.harvard.edu wrote:

Hi Caroline, wow, that's a lot of DNA! The original extraction last fall yielded only 1.5 ug. Looks like there's almost enough DNA for PacBio now. Are you running a caliper to check DNA quality before building the libraries?

Thanks, Matt

On Mar 21, 2016, at 2:42 PM, Caroline Cusick ccusick@broadinstitute.org wrote:

Hi Matt,

I just wanted to send you an update that your ants are through extraction, and the quants are attached. The next step will be to schedule them for library construction and sequencing, and I'll write back when I have an update on that. Let me know if you have any questions!

thanks, Caroline

On Fri, Feb 26, 2016 at 1:38 PM, Lau, Matthew K. matthewklau@fas.harvard.edu wrote:

Great, thank you!

Cheers, Matt

On Fab 00 0040 at 4:00 DM Caralina Ovaial

On Fed 20, 2010, at 1.20 Pivi, Caroline Cusick <ccusick@broadinstitute.org> wrote: we're all set...thanks Matt! Caroline On Fri, Feb 26, 2016 at 10:48 AM, Lau, Matthew K. <matthewklau@fas.harvard.edu> wrote: Sorry, forgot to attach: On Feb 26, 2016, at 9:45 AM, Caroline Cusick <ccusick@broadinstitute.org> wrote: Hi Matt, Thanks for sending this along! I was just scanning it, and we need to have a "Collaborator Sample ID" for each sample (in addition to the "Collaborator Participant ID"). This is just a unique identifier for downstream processing and analysis, and is just how we can map our identifier to yours. Let me know if you have any questions! thanks. Caroline On Fri, Feb 26, 2016 at 7:04 AM, Lau, Matthew K. <matthewklau@fas.harvard.edu> wrote: Hey Caroline, looks like I didn't send you the spreadsheet yesterday. Here you go. Thanks, Matt

On Feb 25, 2016, at 5:39 PM, Lau, Matthew K. <matthewklau@fas.harvard.edu> wrote: Hi, I'm downstairs in front of the Ames st entrance. Matt Postdoctoral Researcher **Harvard University Harvard Forest** 324 N Main St Petersham, MA 01366 On Feb 25, 2016, at 5:16 PM, Caroline Cusick <ccusick@broadinstitute.org> wrote: great! see you soon. Caroline On Thu, Feb 25, 2016 at 5:15 PM, Lau, Matthew K. <matthewklau@fas.harvard.edu> wrote: Hi Caroline, heading over, should be there in about 20 min. Cheers, Matt Postdoctoral Researcher **Harvard University Harvard Forest** 324 N Main St Petersham, MA 01366

On Feb 25, 2016, at 2:15 PM, Caroline Cusick < ccusick@broadinstitute.org > wrote: Hi Matt. Yes! Anytime after 4:30 should be okay, just give us a heads up when you're heading over. Both Jim and I are in 75 Ames, Office 8009. thanks! Caroline On Thu, Feb 25, 2016 at 1:46 PM, Lau, Matthew K. <matthewklau@fas.harvard.edu> wrote: Hi Caroline, I would like to drop the ants off this afternoon. I could drop by anytime after 4:30. Will or someone else be available to receive them this afternoon/early evening? Thanks. Matt On Feb 17, 2016, at 6:18 PM, Jim Bochicchio < jboch@broadinstitute.org> wrote: Hi Matt Was just about to email you to let you know everything is all set on our end to start sending sample kits to you. We wanted to wait until after the holiday before sending kits to prevent them for going missing or being delivered incorrectly. Caroline

(cced) will work on sending you a sample kit similar to the last one we sent you. Thanks Jim
On Tue, Feb 16, 2016 at 6:38 PM, Lau, Matthew K. matthewklau@fas.harvard.edu > wrote: Hey Jim, just wanted to check in. Looks like we're all good to go with paperwork. Have you guys had a chance to send set of sample tubes for us? If so, I haven't seen any in the mail room. If not, no worries, just let me know what the time-frame is. Best, Matt
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<Lau_DNA Caliper_Key.xls>
<DNAQC-33_KK_WellTable.csv>
<DNAQC-33.pdf>

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