

**From:** Jim Bochicchio [jboch@broadinstitute.org](mailto:jboch@broadinstitute.org)  
**Subject:** Re: ant sequences  
**Date:** September 14, 2016 at 5:31 PM  
**To:** Lau, Matthew K. [matthewklau@fas.harvard.edu](mailto:matthewklau@fas.harvard.edu)  
**Cc:** [ccusick@broadinstitute.org](mailto:ccusick@broadinstitute.org), Bowlen, Jeannette [bowlen@fas.harvard.edu](mailto:bowlen@fas.harvard.edu)

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JB

Hi Matt

Ok, the quote for 2 lanes of sequencing was just issued. You should get it in a minute or two. Once it's funded we can start the sequencing of the 2 lanes.

Thanks  
Jim

On Tue, Sep 13, 2016 at 5:52 PM, Lau, Matthew K.

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Thanks,

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Subject: Re: ant sequences  
Date: September 13, 2016 at 11:06 AM  
To: Jeannette Bowlen bowlen@fas.harvard.edu



Hi Jeanette,

OK, as I was back over the facilities that I had searched for price quotes before, I happened upon a website (<http://omicsmaps.com/>) with a list of the facilities with the genome sequencing machine that the Broad Institute is using (i.e. PacBio). I've attached a map showing the facilities, a total of ten, of which there were a total of three that met the criteria of large genome sequencing and that gave me information on their sequencing prices. Here is the breakdown of the Facility, Price (which is per sample), Total (which is 7 samples done twice for increased sequence quality), and their Website.

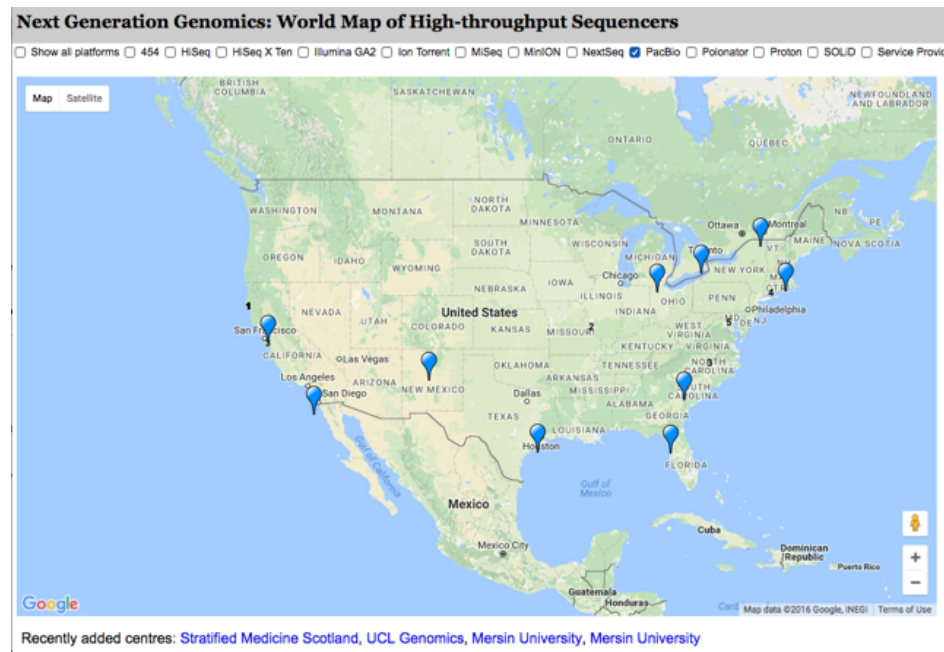
**Facility Price Total Website**

UCD	602	8428	<a href="http://dnatech.genomecenter.ucdavis.edu/prices/">http://dnatech.genomecenter.ucdavis.edu/prices/</a>
UF	532	7448	<a href="http://www.biotech.ufl.edu/services/service-fees/">http://www.biotech.ufl.edu/services/service-fees/</a>
BI	357	5000	<a href="http://www.broadinstitute.org/">http://www.broadinstitute.org/</a>

I'll stop by your office in a few minutes and just check in with you to see that this is what you need.

Cheers,

Matt



On Sep 12, 2016, at 2:50 PM, Bowlen, Jeannette <[bowlen@fas.harvard.edu](mailto:bowlen@fas.harvard.edu)> wrote:

Matt-

Get quotes from 2 other sources hopefully their prices will be higher.

J.

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From: Lau, Matthew K.  
Sent: Monday, September 12, 2016 12:32 PM  
To: Bowlen, Jeannette  
Subject: Fwd: ant sequences

Hi Jeanette, since they can't bill us for less than \$5000, what can we do to stay within the NSF rules?

Thanks,  
Matt

Begin forwarded message:

**From:** Jim Bochicchio <[jboch@broadinstitute.org](mailto:jboch@broadinstitute.org)>  
**Date:** September 12, 2016 at 12:27:48 PM EDT  
**To:** "Lau, Matthew K." <[matthewklau@fas.harvard.edu](mailto:matthewklau@fas.harvard.edu)>  
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Thanks,

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Hi Matt and Jeannette

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Thanks  
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<[matthewklau@fas.harvard.edu](mailto:matthewklau@fas.harvard.edu)> wrote:

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Great, thanks Jim! I'm running downstairs to chat with Jeanette.

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Thanks  
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Thanks Jim, that sounds great!

Best,  
Matt

On Sep 6, 2016, at 10:23 AM, Jim

Bochicchio <[jboch@broadinstitute.org](mailto:jboch@broadinstitute.org)> wrote:

Hi Matt

Yes we should be able to sequence these in the next few weeks and will be able to fill it out at the end of Sept. We will send along the quote as soon as its available.

Thanks  
Jim

On Wed, Sep 7, 2016, at 12:12 PM, Jim

On Wed, Aug 31, 2016 at 1:13 PM, Lau, Matthew K.

<[matthewklau@fas.harvard.edu](mailto:matthewklau@fas.harvard.edu)> wrote:

Hi Jim, that sounds good. We're coming up on a spending deadline at the end of October though and will need to pay you for the sequences well before then.

Will you still be able to get sequences to us mid-to late-September? If so, go ahead and generate the quote and send to us (including our accountant Jeanette, CC'ed).

Thanks,

Matt

On Aug 31, 2016, at 11:39

AM, Jim Bochicchio

<[jboch@broadinstitute.org](mailto:jboch@broadinstitute.org)>

wrote:

Hi Matt

Yes, you won't be charged for the library construction for the jumping libraries but we would need to generate a new quote if you want them sequenced.

Thanks

Jim

On Tue, Aug 30, 2016 at 1:40 PM, Lau, Matthew K.

<[matthewklau@fas.harvard.edu](mailto:matthewklau@fas.harvard.edu)> wrote:

Hi Jim, thanks for the update and sorry to hear about the confusion, and thanks for offering not to charge us for the jump libraries. Just to be clear, do you need to draft a new contract to provide us with the "free" jump coverage?

Thanks,

Matt

On Aug 30, 2016,

at 8:42 AM, Jim

Bochicchio

<[jboch@broadinstitute.org](mailto:jboch@broadinstitute.org)> wrote:

Hi Matt

The analysts are working on the assemblies but we noticed there was some confusion in the lab in which both fragment and jumping libraries



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Thanks  
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Thanks  
Jim

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<[matthewklau@fas.harvard.edu](mailto:matthewklau@fas.harvard.edu)>

wrote:

Hey Jim, what's the status on the test lane and jump libraries? Are things looking good to go?

Thanks,

Matt

On  
Jul  
11,  
2016,  
at  
3:53  
PM,  
Jim  
Bochicchio  
<[jbochicchio@broadinstitute.org](mailto:jbochicchio@broadinstitute.org)>  
wrote  
:

Hi  
Matt

Was actually going to send you an update this afternoon.

We've finished the PCR-Free libraries and are currently running a test lane on them before

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On  
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2016  
at  
10:56  
AM,  
Lau,  
Matth  
ew K

<[matt.hewklau@fas.harvard.edu](mailto:matt.hewklau@fas.harvard.edu)>  
wrote

:  
Hi  
Jim  
and  
Caroline,  
just  
checking in  
again.  
What's  
the  
status  
on the  
ant  
sequences?

Thanks!

Matt

--  
Jim  
Bochicchio  
Product  
Manager  
Broad  
Technology  
Labs  
Broad  
Institute  
75  
Ames  
Street  
Cambridge  
MA  
02142  
,  
USA

Phone  
:  
[617-714-8513](tel:617-714-8513)  
Website:  
<http://www.broadinstitute.org>

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platforms/  
broad-  
technology-  
labs](http://www.broadinstitute.org/science/platforms/broad-technology-labs)

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**From:** Bowlen, Jeannette [bowlen@fas.harvard.edu](mailto:bowlen@fas.harvard.edu)  
**Subject:** RE: ant sequences  
**Date:** September 12, 2016 at 2:50 PM  
**To:** Lau, Matthew K. [matthewklau@fas.harvard.edu](mailto:matthewklau@fas.harvard.edu)

JB

Matt-

Get quotes from 2 other sources hopefully their prices will be higher.

J.

---

**From:** Lau, Matthew K.  
**Sent:** Monday, September 12, 2016 12:32 PM  
**To:** Bowlen, Jeannette  
**Subject:** Fwd: ant sequences

Hi Jeanette, since they can't bill us for less than \$5000, what can we do to stay within the NSF rules?

Thanks,  
Matt

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**From:** Jim Bochicchio <[jboch@broadinstitute.org](mailto:jboch@broadinstitute.org)>  
**Date:** September 12, 2016 at 12:27:48 PM EDT  
**To:** "Lau, Matthew K." <[matthewklau@fas.harvard.edu](mailto:matthewklau@fas.harvard.edu)>  
**Cc:** "[ccusick@broadinstitute.org](mailto:ccusick@broadinstitute.org)" <[ccusick@broadinstitute.org](mailto:ccusick@broadinstitute.org)>, "Bowlen, Jeannette" <[bowlen@fas.harvard.edu](mailto:bowlen@fas.harvard.edu)>  
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Hi Matt

We can't make it below \$5,000 since sequence is \$2,500 per lane and you have to buy them in sets of 2 so \$5,000 is the minimum we could quote you.

Thanks  
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Hi Jim, sounds good. Go ahead and send us a quote for the additional sequencing. Jeanette has reminded me that it needs to be below the \$5000 limit, so if you can please make it for \$4999.99. If there's an issue with that let us know ASAP.

Thanks,  
Matt

On Sep 11, 2016, at 7:53 PM, Jim Bochicchio <[jboch@broadinstitute.org](mailto:jboch@broadinstitute.org)> wrote:

Hi Matt

Yes, we are using all the data currently generated so it is a mix of frags and jumps.

Thanks  
Jim

On Fri, Sep 9, 2016 at 5:05 PM, Lau, Matthew K. <[matthewklau@fas.harvard.edu](mailto:matthewklau@fas.harvard.edu)> wrote:  
Hi Jim, can you generate jump assemblies with the current 20x coverage for all the samples?

Thanks,  
Matt

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Matt

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We've  
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Free  
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Than  
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Jim

On  
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wrote

:  
Hi  
Jim  
and  
Caroli  
ne,  
just  
check  
ing in  
again.  
What'  
s the  
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Than  
ks!

Matt

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Techn  
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02142

USA

Phone  
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[617-  
714-  
8513](tel:617-714-8513)

Website:  
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Date: September 12, 2016 at 12:32 PM  
To: Bowlen, Jeannette [bowlen@fas.harvard.edu](mailto:bowlen@fas.harvard.edu)



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**Date:** September 12, 2016 at 10:53 AM  
**To:** Jim Bochicchio jboch@broadinstitute.org  
**Cc:** ccusick@broadinstitute.org, Bowlen, Jeannette bowlen@fas.harvard.edu



Hi Jim, sounds good. Go ahead and send us a quote for the additional sequencing. Jeanette has reminded me that it needs to be below the \$5000 limit, so if you can please make it for \$4999.99. If there's an issue with that let us know ASAP.

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Hi Jim, Jeanette and I discussed the quote and unfortunately the \$15000 quote exceeds the grant's \$5000 threshold for a required competitive bidding process. We'd therefore have to generate another round of inquiries into pricing from other vendors.

At this point, though, we're coming up to the grant spending deadline. I appreciate the offer to not charge us for the library construction, but we'll have to forego the additional sequencing for the jump libraries and just go with finishing up the frag libraries.

Let me know if you would like to chat about this.

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**From:** Jim Bochicchio [jboch@broadinstitute.org](mailto:jboch@broadinstitute.org)  
**Subject:** Re: ant sequences  
**Date:** September 6, 2016 at 10:24 AM  
**To:** Lau, Matthew K. [matthewklau@fas.harvard.edu](mailto:matthewklau@fas.harvard.edu)  
**Cc:** Caroline Cusick [ccusick@broadinstitute.org](mailto:ccusick@broadinstitute.org), Bowlen, Jeannette [bowlen@fas.harvard.edu](mailto:bowlen@fas.harvard.edu)

---

JB

Hi Matt

Yes we should be able to sequence these in the next few weeks and will be able to fill it out at the end of Sept. We will send along the quote as soon as its available.

Thanks  
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**From:** Lau, Matthew K. [matthewklau@fas.harvard.edu](mailto:matthewklau@fas.harvard.edu)  
**Subject:** Re: ant sequences  
**Date:** September 2, 2016 at 2:27 PM  
**To:** Caroline Cusick [ccusick@broadinstitute.org](mailto:ccusick@broadinstitute.org)

---



Great, thanks Caroline!

Have a good long-weekend too,

Matt

On Sep 2, 2016, at 1:43 PM, Caroline Cusick  
<[ccusick@broadinstitute.org](mailto:ccusick@broadinstitute.org)> wrote:

Hi Matt,

I believe they're just finalizing the coverage needed and then we'll be able to send out a quote. I will check with Jim first thing when he gets back!

have a good weekend!  
Caroline

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Product Manager  
Broad Technology Labs  
Broad Institute  
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Cambridge MA 02142, USA

Phone: [617-714-8513](tel:617-714-8513)

Website: <http://www.broadinstitute.org/scientific-community/science/platforms/broad-technology-labs>







**From:** Lau, Matthew K. matthewklau@fas.harvard.edu  
**Subject:** Re: ant sequences  
**Date:** August 31, 2016 at 1:13 PM  
**To:** Jim Bochicchio jboch@broadinstitute.org  
**Cc:** Caroline Cusick ccusick@broadinstitute.org, Jeannette Bowlen bowlen@fas.harvard.edu



Hi Jim, that sounds good. We're coming up on a spending deadline at the end of October though and will need to pay you for the sequences well before then.

Will you still be able to get sequences to us mid-to late-September? If so, go ahead and generate the quote and send to us (including our accountant Jeanette, CC'ed).

Thanks,

Matt

On Aug 31, 2016, at 11:39 AM, Jim Bochicchio  
<[jboch@broadinstitute.org](mailto:jboch@broadinstitute.org)> wrote:

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