

To: 'Stephen Quake'[quake@stanford.edu]; chfan[chfan@stanford.edu]
From: Clement Chu
Sent: Sat 4/5/2008 12:33:01 AM
Subject: RE: 454 sequencing

Hi Steve and Christina,

Sounds great. I can definitely get you guys on around that time frame. In terms of reagent availability here, I would ask Joe. We don't have any stocked in the CAT but I know Joe and Jonathan have been buying multiple kits at once and are probably the best people to ask. The lead time on reagents direct from Illumina seems to be about 2 weeks or so.

Best,
Clement

-----Original Message-----

From: srquake@gmail.com [mailto:srquake@gmail.com] On Behalf Of Stephen Quake
Sent: Friday, April 04, 2008 5:20 PM
To: Clement Chu
Cc: Christina H. Fan
Subject: Re: 454 sequencing

ok, we have our act together now and are interested in making a full run on may 1, plus or minus a few days. how is the sign up, reagent availability etc looking?

best,

steve

On Tue, Jan 29, 2008 at 1:38 PM, Clement Chu <Clement.Chu@ucsf.edu> wrote:

> Hi Steve,

>

> Good to hear from you. Joe certainly did mention your interest. We don't

> stock any reagents in the facility itself but if you need reagents on a

> quick timetable, Joe might be able to help you there. We are still

> restricting the user base so we could probably work you in within a week

or

> so of when you have a library prepared. Let me know if you need any more

> info or if you have a timetable in mind.

>

> Best,

> Clement

>

>

> -----Original Message-----

> From: srquake@gmail.com [mailto:srquake@gmail.com] On Behalf Of Stephen

> Quake

> Sent: Tuesday, January 29, 2008 9:49 AM

> To: Clement.Chu@ucsf.edu

> Cc: Christina Fan

> Subject: Fwd: 454 sequencing

>

> Clement

STANFORD EXHIBIT 2123

SEQUENCING STANFORD

>
> Joe Derisi might have told you we are interested in running a few
> samples on your Solexa. How long is the queue to get something on the
> machine and do you guys stock the sequencing reagents?
>
> best,
>
> Steve
>
>
> ----- Forwarded message -----
> From: Joe DeRisi <joe@derisilab.ucsf.edu>
> Date: Jan 9, 2008 9:31 PM
> Subject: Re: 454 sequencing
> To: Stephen Quake <quake@stanford.edu>
>
>
> Hi Steve,
> Great. The Solexa guy here is Clement Chu. His email is
> Clement.Chu@ucsf.edu. I will let him know that you or someone from
> your lab will contact him.
>
> Our machine is currently configured for 8 lanes/flowcell, with 330
> tiles per lane. For a good library, you should get 20-30k clusters per
> tile, which, in an ideal world, would give you about 9 million reads
> per lane, each 36nt. In reality, folks are getting 2-4 million, and
> the 8th lane is usually reserved for a control. It is clear the read
> length can be extended, if you are willing to tolerate some additional
> errors.
> Depending on your application, we can advise on library construction
> strategies.
>
> thanks for dropping by the other day - it was a big help.
>
> -joe
>
>
> On Jan 9, 2008 3:06 PM, Stephen Quake <quake@stanford.edu> wrote:
>> joe,
>>
>> the person in my lab to contact about a 454 run is rick white. each
>> full run is 400,000 reads of ~ 250 bp each. the configuration is two
>> large chambers, which are independently loaded (ie can be different
>> samples). there are other configurations (up to 16 independent
>> samples) and it is possible to do runs of shorter reads (100bp), which
>> are slightly cheaper.
>>
>> best
>>
>> steve
>>
>> --
>> -----
>> Stephen Quake
>> Professor of Bioengineering
>> Stanford University

> >
> > PLEASE REPLY TO: quake@stanford.edu
> >
>
>
>
> --
> -----
> Stephen Quake
> Professor of Bioengineering
> Stanford University
>
> PLEASE REPLY TO: quake@stanford.edu
>
> No virus found in this incoming message.
> Checked by AVG Free Edition.
> Version: 7.5.516 / Virus Database: 269.19.15/1249 - Release Date:
1/29/2008
> 9:51 AM
>
>
> No virus found in this outgoing message.
> Checked by AVG Free Edition.
> Version: 7.5.516 / Virus Database: 269.19.15/1249 - Release Date:
1/29/2008
> 9:51 AM
>
>
>
>

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Stephen Quake
Professor of Bioengineering
Stanford University

PLEASE REPLY TO: quake@stanford.edu

No virus found in this incoming message.
Checked by AVG.
Version: 7.5.519 / Virus Database: 269.22.5/1359 - Release Date: 4/4/2008
8:23 AM

No virus found in this outgoing message.
Checked by AVG.
Version: 7.5.519 / Virus Database: 269.22.5/1359 - Release Date: 4/4/2008
8:23 AM

<?xml version="1.0" encoding="UTF-8"?>
<!DOCTYPE plist PUBLIC "-//Apple//DTD PLIST 1.0//EN"

```
"http://www.apple.com/DTDs/PropertyList-1.0.dtd">
<plist version="1.0">
<dict>
  <key>date-sent</key>
  <real>1207355581</real>
  <key>flags</key>
  <integer>8590195713</integer>
  <key>original-mailbox</key>
  <string>imap://h.christina.fan@imap.gmail.com/%5BGmail%5D/All%20Mail</string>
  <key>remote-id</key>
  <string>3849</string>
  <key>subject</key>
  <string>RE: 454 sequencing</string>
</dict>
</plist>
```