



Cancer Center Integrated Genomics Facility.

Amendment to the practices for Next Generation sequencing requests.

The Next generation Sequencing (NGS) facility strives to produce the highest quality sequence data for all of our collaborators but it should be appreciated that the quality of the sequence generated is only as good as the preparation of the libraries. While we will accept libraries made from individual laboratories for sequencing, we encourage the use of the core facility for this process, especially for those who are relatively inexperienced in this process. The advantages are (1) a consistent set of personnel, parameters and equipment in the preparation of the library, (2) use of materials that are not outdated and from confirmed batches of reagents and (3) preparation by operatives who have recent and continuous experience in the preparation of these resources.

In our past experience the most common reason for suboptimal sequence data is due to issues related to library preparation and while we will accept externally prepared libraries we will not guarantee the same standard of coverage and quality of the sequence data that would be expected from in-house prepared libraries.

It will now be our policy, therefore, to critically evaluate the quality of libraries submitted for sequencing to the best of our ability and advise the user whether we feel they will provide high quality data. In the event that we advise you against proceeding with any particular sample and you choose to continue with the process we require you sign the following waiver confirming that you understand the policy and that you have been informed of our findings. If you choose to proceed with the experiment we accept no responsibility for a poor outcome other than due to technical issues related to the instrumentation.

By signing this acknowledgement you do so on behalf of all of your collaborators and confirm that you have been informed of potential issues with library preparation and understand the implications.

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