

Minutes of NOFIC SC meeting (Nov 1st, Tuesday, 2016)

Attending - Andy, Judy, Burak, Leonid, Chia-lin, Yijun, Bill, Olivier, Job Dekker

Apologies from -

### Agenda

1. Continue discussion of the joint analysis of chromatin organization on common loci and in common cell types.

Please check the list below for a number of genomic loci that people have listed out. We will go over them on tomorrow's call. The goal is to select 5 or 6 as common loci for joint analysis by different centers.

[https://docs.google.com/spreadsheets/d/1kOW2m\\_DSKQJaupXnANqImwgJ3BmjUaPYhR8rxG3pgxM/edit?usp=sharing](https://docs.google.com/spreadsheets/d/1kOW2m_DSKQJaupXnANqImwgJ3BmjUaPYhR8rxG3pgxM/edit?usp=sharing)

Action item -

(1) Small group of imaging groups to discuss (Job, David Gilbert, Andy, Kees) will come up with a short list of loci that would be suitable for study in the HFF cell line;

Perhaps use another cell line - such as H1, differentiation, select a locus ( or a few loci)

(could this be done more frequently?)

2. Discuss a plan for the joint analysis in the form of a list of action items from each of the NOFIC U54s, i.e. who will contribute what in the coming months, both in terms of engineering the standards in reference lines when needed (for example, equip them with imaging-based readouts) and generating datasets from reference lines using complementary approaches that are mature enough to do so.

<https://docs.google.com/spreadsheets/d/1GuuD8OiPK-b3E4AjyU3BVN31eRDhie6Ue57IWHLamAY/edit?usp=sharing>

Action item

- Draft an action plan on the omics assays and share with group in 2 weeks (bing)

- Add columns to spreadsheet for cell types, and annotate which loci are studied in which cell type. Be sure to annotate a few loci that will be studied in all cell types. [Bing and Bill]
- Expand list of GWAS targets. [Leonid]
- Add combinatorial regulation sites to spreadsheet [Leonid]
- Find out what scHi-C cell types our center will do. [Bill]