Chipseq QC - aggregation plots and correlation between replicates

First sample sequenced of these marks

H3K9ac

H3K36me3

Sencond replicate of these marks

H3K27me3

Aggregation plots

Correlation between replicates

H3K4me2

Aggregation plots

Correlation between replicates

One timepoint of these marks is sequenced. 4 timepoints more

H3K4me1

H3K9me3

First sample sequenced of these marks

H3K9ac

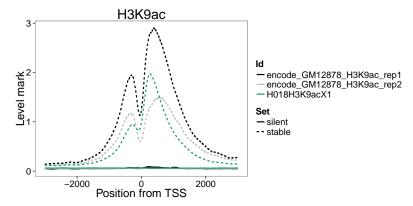
H3K36me3

Sencond replicate of these marks

One timepoint of these marks is sequenced. 4 timepoints more

H3K9ac - First sample sequenced of this mark

- 1000 silent genes
- 1000 stable genes (lowest CV)
- gencode v24



First sample sequenced of these marks

H3K9ac

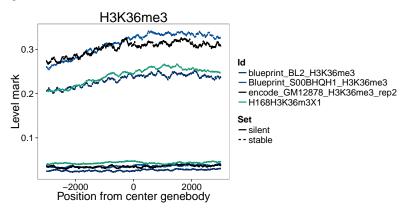
H3K36me3

Sencond replicate of these marks

One timepoint of these marks is sequenced. 4 timepoints more

H3K36me3 - First sample sequenced of this mark

- 1000 silent genes
- 1000 stable genes (lowest CV)
- gencode v24



First sample sequenced of these marks

Sencond replicate of these marks

H3K27me3

Aggregation plots

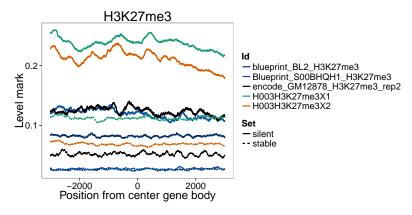
Correlation between replicates

H3K4me2

One timepoint of these marks is sequenced. 4 timepoints more

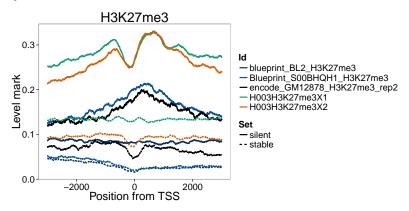
H3K27me3 - gene body - Second replicate

- 1000 silent genes
- 1000 stable genes (lowest CV)
- gencode v24



H3K27me3 - TSS - Second replicate

- 1000 silent genes
- 1000 stable genes (lowest CV)
- gencode v24



First sample sequenced of these marks

Sencond replicate of these marks

H3K27me3

Aggregation plots

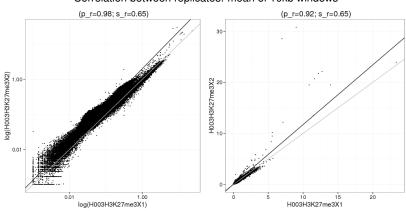
Correlation between replicates

H3K4me2

One timepoint of these marks is sequenced. 4 timepoints more

H3K27me3 - Second replicate

Correlation between replicates: mean of 10kb windows



First sample sequenced of these marks

Sencond replicate of these marks

H3K27me3

H3K4me2

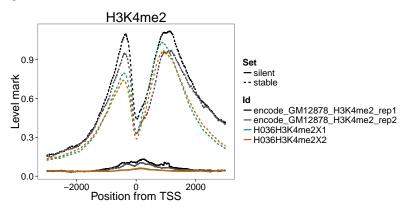
Aggregation plots

Correlation between replicates

One timepoint of these marks is sequenced. 4 timepoints more

H3K4me2 - Second replicate

- 1000 silent genes
- 1000 stable genes (lowest CV)
- gencode v24



First sample sequenced of these marks

Sencond replicate of these marks

H3K27me3

H3K4me2

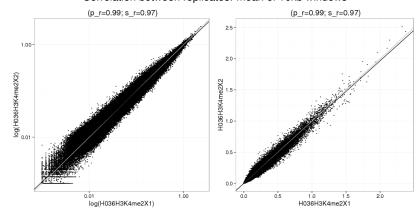
Aggregation plots

Correlation between replicates

One timepoint of these marks is sequenced. 4 timepoints more

H3K4me2 - Second replicate





First sample sequenced of these marks

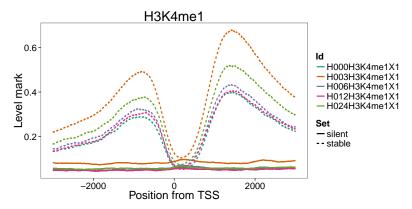
Sencond replicate of these marks

One timepoint of these marks is sequenced. 4 timepoints more H3K4me1

H3K9me3

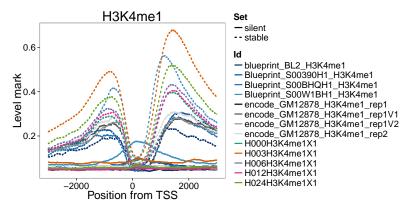
H3K4me1 - 4 timepoints more

- 1000 silent genes
- 1000 stable genes (lowest CV)
- gencode v24



H3K4me1 - 4 timepoints more + controls

- 1000 silent genes
- 1000 stable genes (lowest CV)
- gencode v24



First sample sequenced of these marks

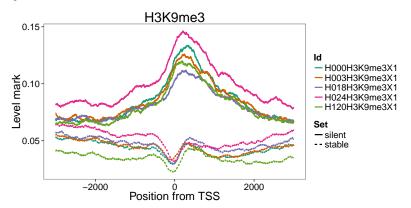
Sencond replicate of these marks

One timepoint of these marks is sequenced. 4 timepoints more H3K4me1

H3K9me3

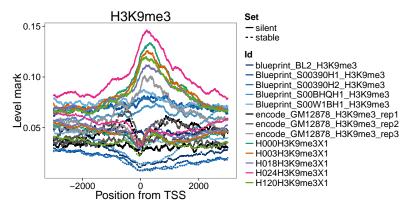
H3K9me3 - 4 timepoints more

- 1000 silent genes
- 1000 stable genes (lowest CV)
- gencode v24



H3K9me3 - 4 timepoints more + controls

- 1000 silent genes
- 1000 stable genes (lowest CV)
- gencode v24



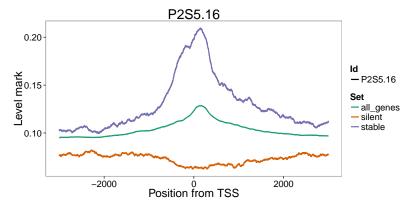
First sample sequenced of these marks

Sencond replicate of these marks

One timepoint of these marks is sequenced. 4 timepoints more

Pol2Ser5 - TSS

- 1000 silent genes
- 1000 stable genes (lowest CV)
- gencode v24



Pol2Ser5 - gene body

- 1000 silent genes
- 1000 stable genes (lowest CV)
- gencode v24

