

MINS segmentation & manual curation

Raw *data*

Is *data* anti-GFP staining?

No

Is *data* direct fluorescence signal?

No

Is *data* TF staining?

Yes

$\log(data)$

Z-decay correction
($Z \sim data$)

Bayesian slope correction

Is *data* NANOG(rat) or GATA6(rb)?

No

EB Corrected $\log(data)$
CH*n*.ebLogCor

Re-scaling to 0-1
($data / \max(data)$)

Re-scaled, EB corrected $\log(data)$
CH*n*.ebLogCor.s

Re-scaling to 0-1 per litter

Re-scaled, EB corr. transformed $\log(data)$
CH*n*.ebLogCor.xl

Yes

Linear transform into NANOG (rb) or GATA6 (gt) equivalent

EB Corrected transformed $\log(data)$
CH*n*.ebLogCor.x

Re-scaling to 0-1
($data / \max(data)$)

Re-scaled, EB corr. transformed $\log(data)$
CH*n*.ebLogCor.xs

Yes

$\log(data)$

Z-decay correction
($Z \sim data$)

Bayesian slope correction

EB Corrected $\log(data)$
CH*n*.ebLogCor

Re-scaling to 0-1
($data / \max(data)$)

Re-scaled, EB corrected $\log(data)$
CH*n*.ebLogCor.s

Yes

$\log(data)$

Z-decay correction
($Z \sim data$)

Corrected $\log(data)$
CH*n*.logCor

Re-scaling to 0-1
($data / \max(data)$)

Re-scaled, corrected $\log(data)$
CH*n*.logCor.s