

## Data for reviewer's comments

- Genome blacklist evaluated by Nature's ENCODE paper:

“We identified, and excluded from most analyses, regions yielding untrustworthy signals likely to be artefactual (for example, multicopy regions). Together, these regions comprise **0.39%** of the genome (see Supplementary Information).”

- Genome blacklist evaluated by Eduardo (excluding chrY and random contigs from the total genomic count and blacklist files)

hg19 (Duke University)	0.3002%
hg19 (Kundaje et al.)	0.3377%
mm9 (Kundaje et al.)	0.323%

- Genomic regions that map 3 times or more (allowing 2 mismatches)

hg19	19.3018%
mm9	18.542%

- Genomic regions that map 5 times or more (allowing 2 mismatches)

hg19	17.6554%
mm9	17.2576%

- H3K4me1 HOMER peaks inside regions that map 3 times or more

CDP	33.9842%
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## Alternatives

<b>Journal</b>	<b>IF</b>
Immunity	19.748
Molecular Cell	14.464
Molecular Systems Biology	14.099
Trends In Immunology	12.031
Plos Biology	11.771
Current Biology	9.916
PNAS	9.809
Current Biology	9.916
Nucleic Acids Research	8.808
Current Opinion in Cell Biology	8.736
Journal Of Molecular Cell Biology	8.432
Plos Genetics	8.167
Current Opinion In Immunology	7.867
BMC Biology	7.431
Clinical Epigenetics	6.219
Seminars In Immunology	6.124
Briefings in Bioinformatics	5.919
Advances in Immunology	5.529
BBA Gene Regulatory Mechanisms	5.440
Journal Of Immunology	5.362
BBA Molecular Cell Research	5.297
Epigenomics	5.215
Epigenetics	5.108
Plos Computational Biology	4.829

Bioinformatics	4.621
Molecular Biology Of The Cell	4.548
European Journal Of Immunology	4.518
Epigenetics and Chromatin	4.462
BMC Genomics	4.041
Plos One	3.534
Briefings in Functional Genomics	3.427
BMC Cell Biology	2.844
BMC Immunology	2.246
bioRxiv	-