

Resource Table

RESOURCE	SOURCE	ID
Deposited Data		
Embryonic Stem Cell (ESC) Markers	https://www.gsea-msigdb.org/gsea/(BHATTACHARYA_EMBRYONIC_STEM_CELL [1])	BHATTACHARYA_EMBRYONIC_STEM_CELL
PhyloP score (100way, hg38)	UCSC (hg38, 100-way, PhyloP) [2]	https://hgdownload.soe.ucsc.edu/goldenPath/hg38/phyloP100way/
PhyloP score (100way, hg19)	UCSC (hg19, 100-way, PhyloP) [2]	https://hgdownload.soe.ucsc.edu/goldenPath/hg19/phyloP100way/
Human Frontal Cortex (scATAC, hg19, generated by liftOver, hg38 to hg19)	Zhang <i>et al.</i> [3]	GSE184462
Human Frontal Cortex (scHiC, hg19)	Lee <i>et al.</i> [4] and Luo <i>et al.</i> [5]	GSE130711
Human Cerebral Cortex (single-cell multiome, scRNA and scATAC, hg38)	Zhu <i>et al.</i> [6]	GSE204684
Human Retina (scATAC, hg38)	Finkbeiner <i>et al.</i> [7]	GSE184386
Human Adult atlas (scATAC, hg38)	Zhang <i>et al.</i> [3]	GSE184462
Human Fetal atlas (scATAC, hg38, generated by liftOver, hg19 to hg38)	Domcke <i>et al.</i> [8]	https://descartes.brotmanbaty.org/
Human Hepatic Organoid (scATAC, hg19)	Kim <i>et al.</i> [9]	GSE159557
Human ESC & Teratoma (scATAC, hg19)	Liu <i>et al.</i> [10]	GSE216323
Processed Data	This study	https://github.com/jumphone/InferC
Software and Algorithms		
MACS2 (2.2.6)	Zhang <i>et al.</i> [11] and Feng <i>et al.</i> [12]	https://github.com/mac3-project/MACS/
FitHiC (2.0.8)	Kaul <i>et al.</i> [13] and Ay <i>et al.</i> [14]	https://github.com/ay-lab/fithic
UCSC Genome Browser (hg38)	Nassar <i>et al.</i> [15]	https://genome.ucsc.edu/
UCSC Tools (<i>e.g.</i> bigWigAverageOverBed, liftOver)	Nassar <i>et al.</i> [15]	https://genome.ucsc.edu/util.html
R (4.2.0)	R Core Team	https://www.r-project.org/
Seurat (4.3.0)	Hao <i>et al.</i> [16], Stuart <i>et al.</i> [17], Butler <i>et al.</i> [18], and Satija <i>et al.</i> [19]	https://satijalab.org/seurat/
Signac (1.9.0)	Stuart <i>et al.</i> [20]	https://stuartlab.org/signac/
Cicero (1.16.1)	Pliner <i>et al.</i> [21]	https://cole-trapnell-lab.github.io/cicero-release/
EpiTrace (0.0.1.3)	Xiao <i>et al.</i> [22]	https://github.com/MagpiePKU/EpiTrace
ComplexHeatmap (2.14.0)	Gu <i>et al.</i> [23]	https://github.com/jokergoo/ComplexHeatmap
pROC (1.18.2)	Robin <i>et al.</i> [24]	https://web.expasy.org/pROC/
Inferloop (1.0.2)	Zhang <i>et al.</i> [25]	https://github.com/jumphone/InferLoop
FitDevo (1.2.1)	Zhang <i>et al.</i> [26]	https://github.com/jumphone/FitDevo
VECTOR (0.0.4)	Zhang <i>et al.</i> [27]	https://github.com/jumphone/Vector
This study	This study	https://github.com/jumphone/InferC