

Pipeline	Alignment	PCR Duplicate Removal	HOMER Peak Size	HOMER minDist	p-value	FDR	Bias Correction
Default ATAC-seq w/ HINT	sensitive global	without	500	50	N/A	N/A	none
Default ATAC-seq w/ Wellington	sensitive global	without	500	50	-20	0.01	N/A
Default DNase1-seq w/ HINT	sensitive global	without	500	50	N/A	N/A	none
Default DNase1-seq w/ Wellington	sensitive global	without	500	50	-20	0.01	N/A
AUC-Optimized ATAC-seq w/ HINT	very sensitive global	with	500	50	N/A	N/A	none
AUC-Optimized ATAC-seq w/ Wellington	very sensitive global	without	200	50	0.1	-5	N/A
AUC-Optimized DNase1-seq w/ HINT	sensitive global	with	500	50	N/A	N/A	none
AUC-Optimized DNase1-seq w/ Wellington	very sensitive local	without	200	50	0.1	-5	N/A
Reproducibility-Optimized ATAC-seq w/ HINT	sensitive global	with	50	50	N/A	N/A	DNase1
Reproducibility-Optimized DNase1-seq w/ HINT	sensitive global	with	50	50	N/A	N/A	DNase1