Avocado imputed histone marks

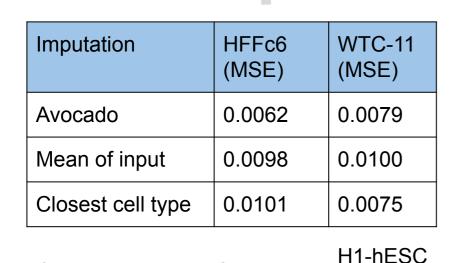## 1. Training data: existing assays in HFFc6 and WTC-11

Cell type	Assay
HFFc6	DNase-seq
	microRNA-seq
	ChIP-seq CTCF
	total RNA-seq
WTC11	ATAC-seq
	ChIP-seq eGFP-ZNF416
	DNase-seq
	total RNA-seq

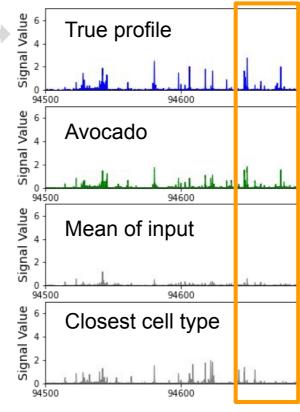## 2. Model: infer cell type factors for HFFc6 and WTC-11 and predict missing profiles

Schreiber et al. 2020

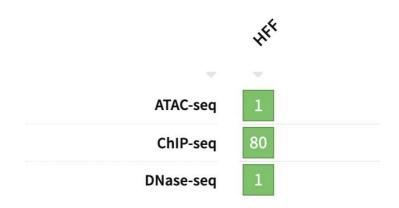## 3. Result: evaluate on DNase-seq prediction

Imputation	HFFc6 (MSE)	WTC-11 (MSE)
Avocado	0.0062	0.0079
Mean of input	0.0098	0.0100
Closest cell type	0.0101	0.0075

Closest cell type	GM04504	H1-hESC CWRU1

4. Data sharing: available on 4DN Joint-Analysis Portal

In total we have >700 assays imputed for both HFFc6 and WTC-11