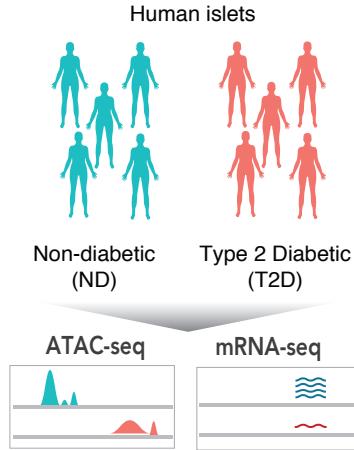
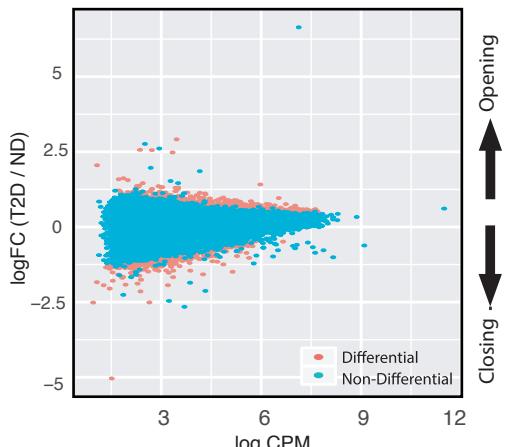
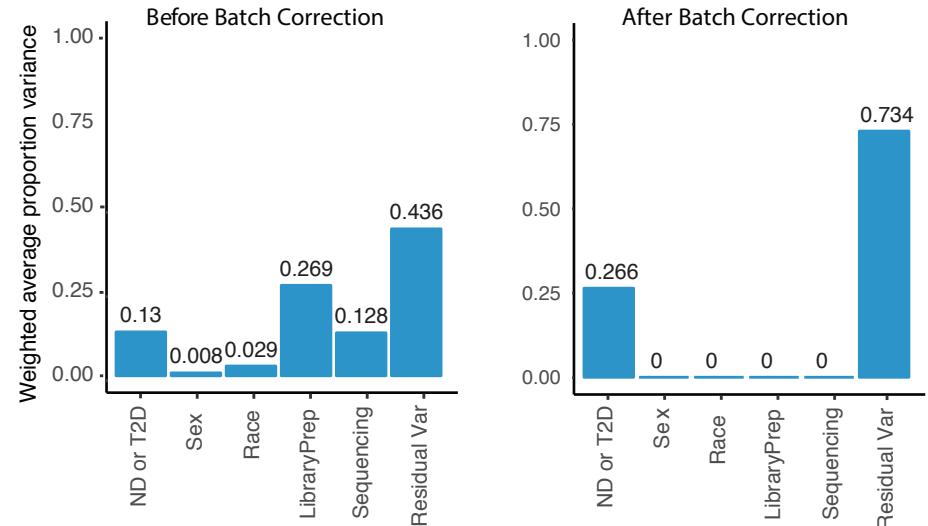
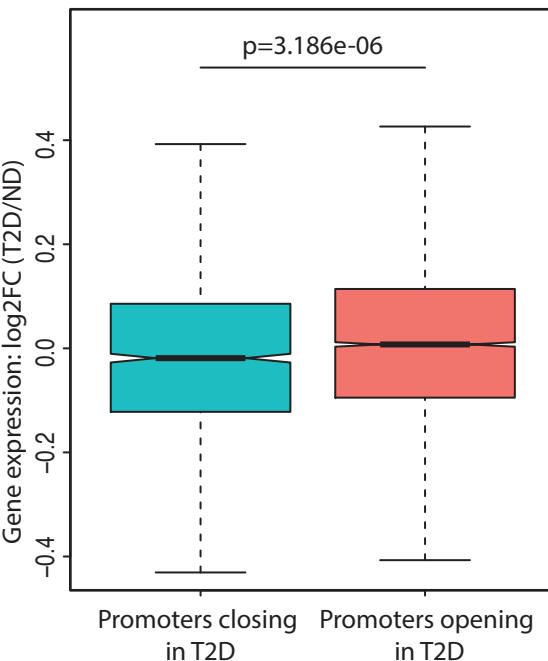


A Study design**C MA plot of accessibility changes****D TF motif enrichment at differential OCRs**

TF	Closing q-value	Closing p-value	Opening q-value	Opening p-value
NeuroG2	1	1	3.64E-07	1e-09
AR-Half	1	1	1.21E-06	1e-08
SCL	1	1	1.21E-06	1e-08
Atoh1	1	1	7.28E-06	1e-07
Ascl1	1	1	7.28E-06	1e-07
NeuroD1	1	1	4.04E-05	1e-06
ZNF519	1	1	4.04E-05	1e-06
NF1-Half	1	1	4.04E-05	1e-06
Olig2	1	1	4.04E-05	1e-06
Tcf21	1	1	1.00E-04	1e-05
Atf3	3.64E-47	1e-49	1	1
AP-1	1.82E-46	1e-48	1	1
BATF	9.10E-45	1e-46	1	1
JunB	9.10E-45	1e-46	1	1
Fra1	7.28E-44	1e-45	1	1
Fra2	6.07E-38	1e-39	1	1
Fosl2	5.20E-24	1e-25	1	1
Jun-AP1	4.55E-18	1e-19	1	1
Hoxb4	4.04E-08	1e-09	1	0.6285
Pdx1	3.64E-07	1e-08	1	0.6921
Bach1	2.00E-04	1e-05	1	1

B Variance explained by meta-variables**E Gene expression changes at closing vs. opening promoters****F**