a) Myogenic DNA hyper- or hypo-methylated sites ($p < 0.01$)

b) Examples of RRBS data from four samples

- Mb & Mt DM sites
- Muscle DM sites

- Mb
- Skin fib
- LCL
- ESC

CpG Islands

C) Strand-specific RNA-seq

- Mb
- Skin fib
- LCL
- ESC

Non strand-specific RNA-seq

Layered RNA-seq

Chromatin state segmentation maps

P/E-like domain

MyoD ChIP-seq (from C2C12; with E-box in human DNA)

- Mb
- LCL
- NHLF
- HUVEC
- HMEC
- NHEK
- ESC

MYOD ChIP (signal intensity)