MCF-7 cells treated with β-estradiol or vehicle (45min)

ChIP using TDG antibody

Illumina-based sequencing

Reads mapped to human genome (hg19) using FDR 0.01

High-confidence filter:
- \( p \)-value < 0.05
- Fold change \( \geq 1.2 \)
- Peak in both replicates

117 high-confidence peaks

**Genomic Background**

- Intergenic: 52%
- Other: 48%
- Coding exon: 2%
- 3'UTR: 1%
- 5'UTR: 0%
- Promoter (3000bp): 3%
- Intron: 42%

**Fold change distribution**

- Frequency

**Peak length distribution**

- Frequency

**p-value distribution**

- Frequency

**Genomic Background**

- E(Ralpha) (10,196)
- 10,143
- 53
- 64
- TDG (117)