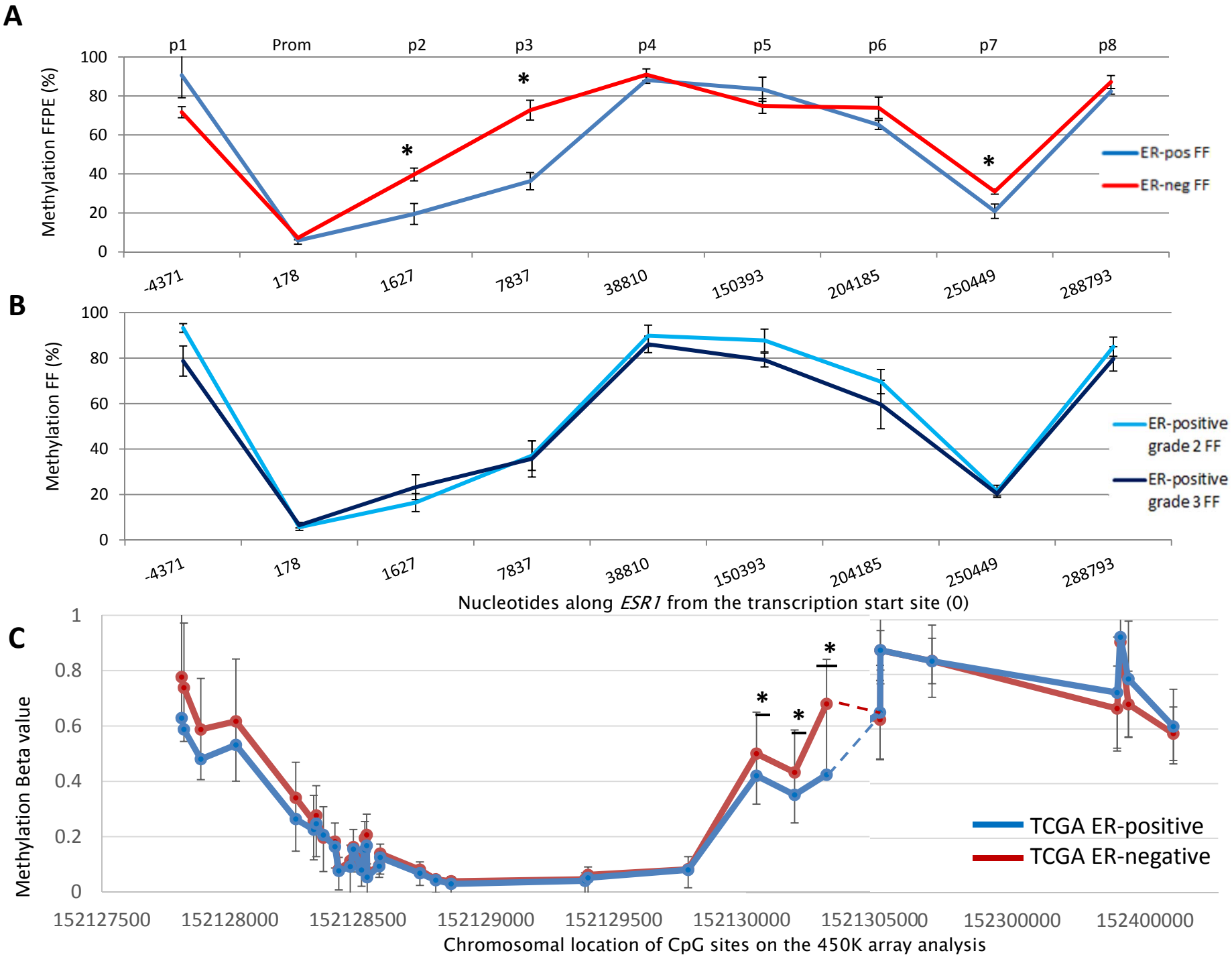

A
p1
Prom
p2
p3
p4
p5
p6
p7
p8
Methylation FFPE (%)
100
80
60
40
20
0
*
*
*
ER-pos FF
ER-neg FF
-4371
178
1627
7837
38810
150393
204185
250449
288793
B
Methylation FF (%)
100
80
60
40
20
0
ER-positive grade 2 FF
ER-positive grade 3 FF
-4371
178
1627
7837
38810
150393
204185
250449
288793
Nucleotides along ESR1 from the transcription start site (0)
C
Methylation Beta value
1
0.8
0.6
0.4
0.2
0
*
*
*
TCGA ER-positive
TCGA ER-negative
152127500
152128000
152128500
152129000
152129500
152130000
1521305000
152300000
152400000
Chromosomal location of CpG sites on the 450K array analysis