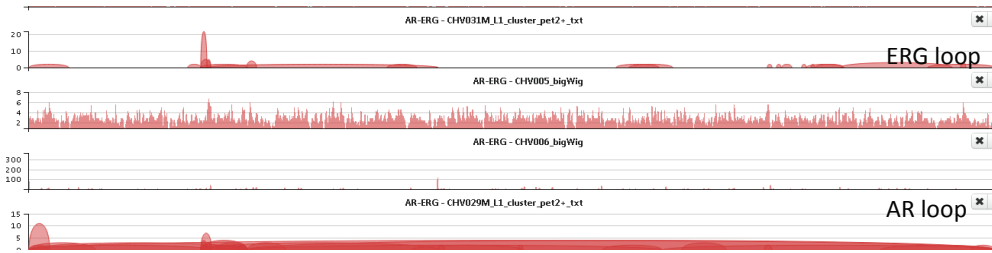


Intra-chromosome 4 interaction
(chr4: 4673764 & chr4: 6635581)



P1: chr4: RP11-139E15-Biotin
P2: chr4: RP11-9K9-Dig
P3: chr4: RP11-693B19-Biotin

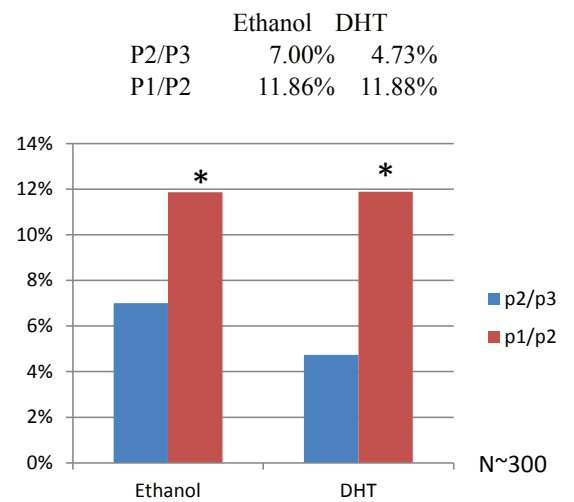
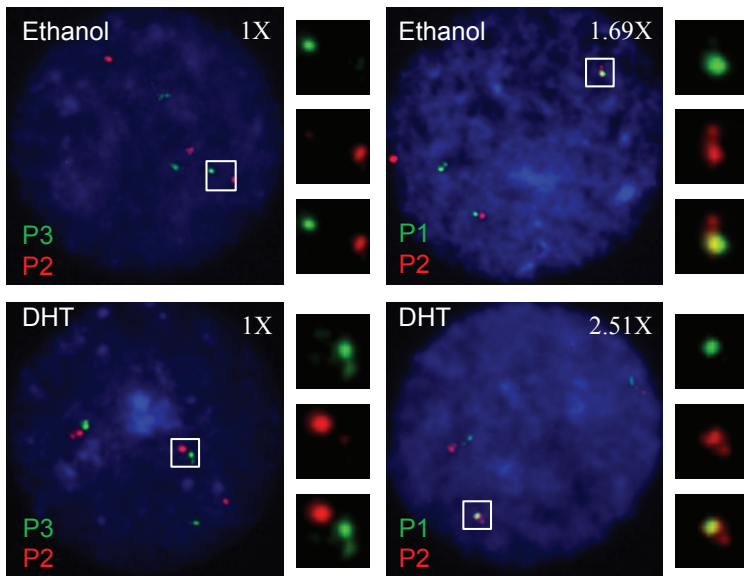


Figure S6: FISH experiment for intra-Chromosome 4 interaction (4673764-6635581). Upper panel: genome browser view shows the AR/ERG ChIA-PET looping for the region of variation. Bottom Left: microscope snapshot figures in this FISH experiment. Bottom Right: The bar chart shows summary of the validation rate of FISH experiments by examining 300 cells. The normalized overlap rates were tested by Fisher's Exact Test. * indicates that the difference is significant difference ($p < 0.05$).