



SUPPLEMENTARY FIG. S4. *GABPA* binds more abundantly than *ETV5* at the *TERT* promoter in all thyroid cancer cell lines. Binding was measured relative to 5% input chromatin in the indicated cell lines by ChIP-qPCR for *GABPA* and *ETV5*. All error bars represent standard error within triplicates. *ETV5*, ETS variant 5; *GABPA*, GA binding protein transcription factor subunit alpha.

SUPPLEMENTARY TABLE S1. PRIMERS FOR CHROMATIN IMMUNOPRECIPITATION ANALYSIS

Primer name	Product size (bp)	Sequence
<i>MYC</i> ⁷	107	F: GGGCTCCCAGTGGATTC R: CGGAGCTGGAAGGTGAAG
<i>GABPA</i> ⁷	163	F: CACCCGTCCTGCCCTTCA R: CTGCCTGAAACTCGCGCC
H3K4me3 <i>Actin</i> (+)	83	F: CGGCCAACGCCAAAACCT R: CCCTCTCCCCTCCTTTTGC
<i>MYT1</i> (-)	135	F: ACAAAGGCAGATACCCAACG R: GCAGTTTCAAAAAGCCATCC
<i>TERT</i> ⁶	163	F: CACCCGTCCTGCCCTTCA R: CTGCCTGAAACTCGCGCC
H3K27me3 <i>MYT1</i> (+)	135	Above
<i>Actin</i> (-)	83	Above
<i>TERT</i>	163	Above

Citation denotes primers from previously published articles. (+) denotes the positive control gene locus, and (-) denotes the negative control gene locus.

F, forward; R, reverse.

SUPPLEMENTARY TABLE S2. PRIMERS FOR ALLELE-SPECIFIC EXPRESSION ANALYSIS

Primer name	Product size (bp)	Sequence (5'→3')
<i>TERT</i> Exon 2	214	F: CGTGGTTTTCTGTGTGGTGTCT R: CCTTGTCGCTGAGGAGTAG
<i>TERT</i> 3'UTR	362	F: CACTGCCCTCAGACTTCAA R: GGGATGGACTATTCTATGTGG

Sanger sequencing was conducted utilizing the forward primer for each amplicon.