FIG. 10A

MALEIMIDIZED DNA

5'–*CTCAGCTGTGACTGCAGCTC*GTATGCGCGCTGCTATGCCG-MALEIMIDE–3'

(SEQ ID NO: 1)

FIG. 10B

LABELING SUBSTANCE-RETAINING DNA

5'–CCACGGCCCTAGGGACAACGACCACGGCCCTAGGGACAACGACCACGGCCCTAGGGACAACG

BINDING SITE 1 BINDING SITE 2 BINDING SITE 3

ACCACGGCCCTAGGGACAACGACCACGGCCCTAGGGACAACGACCACGGCCCTAGGGACAACGA

BINDING SITE 4 BINDING SITE 5 BINDING SITE 6

CGGCATAGCAGCGCGCATAC–3'

(SEQ ID NO: 2)

FIG. 10C

AlexaFluor750-LABELED DNA

5'–AlexaFluor750–CGTTGTCCCTAGGGCCGTGG–AlexaFluor750–3'

(SEQ ID NO: 3)

FIG. 10D

CK19 DNA-TRAPPING DNA

5'–cagctgggcttcaataccgctgatcagcgcctggatatgcgccagctgggctccaaagcgcgc

ctccgtttctgccagtgtgtcttccaaggcagcttt–3'

(SEQ ID NO: 4)

FIG. 10E

CK19 DNA

5'–agcaggtccgaggttactgacctgcggcgcacccttcagggtcttgagattgagctgcagtca

cagctgagcatgaaagctgccttggaagacacactggcagaaacggaggcgcgctttggagcccagctg

gcgcatatccaggcgctg–3'

(SEQ ID NO: 5)

FIG. 10F

CK19 RECOGNIZING/LABEL-RETAINING DNA

5'–CTCAGCTGTGACTGCAGCTCGTATGCGCGCTGCTATGCCG–3'

(SEQ ID NO: 6)