

FIG. 1

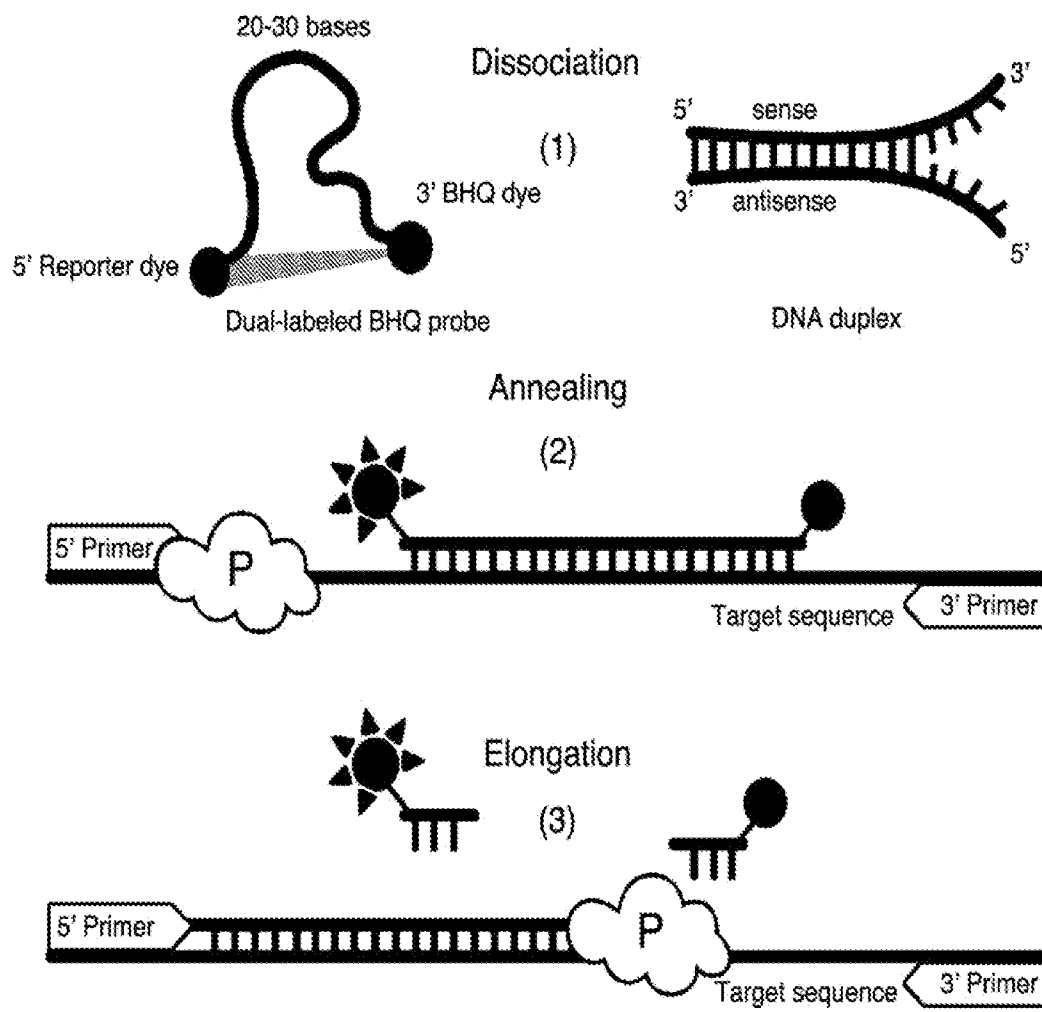
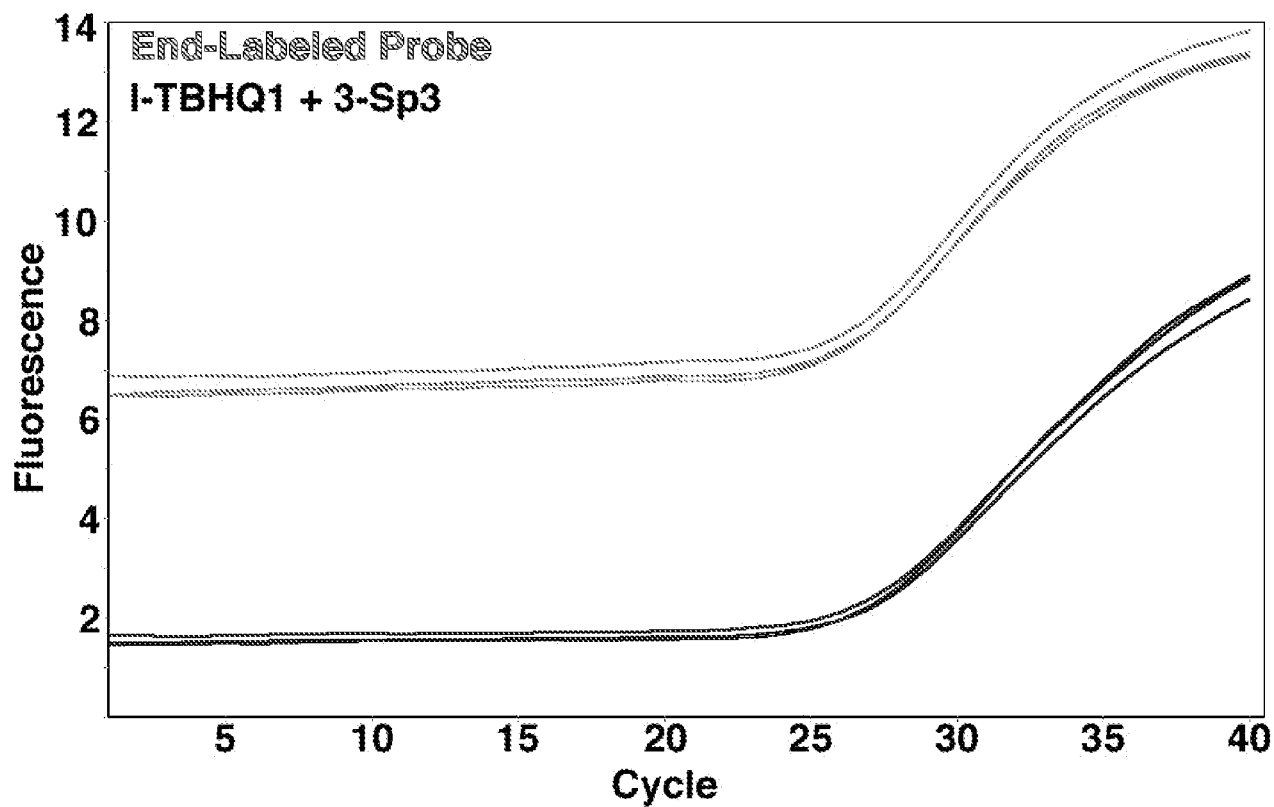
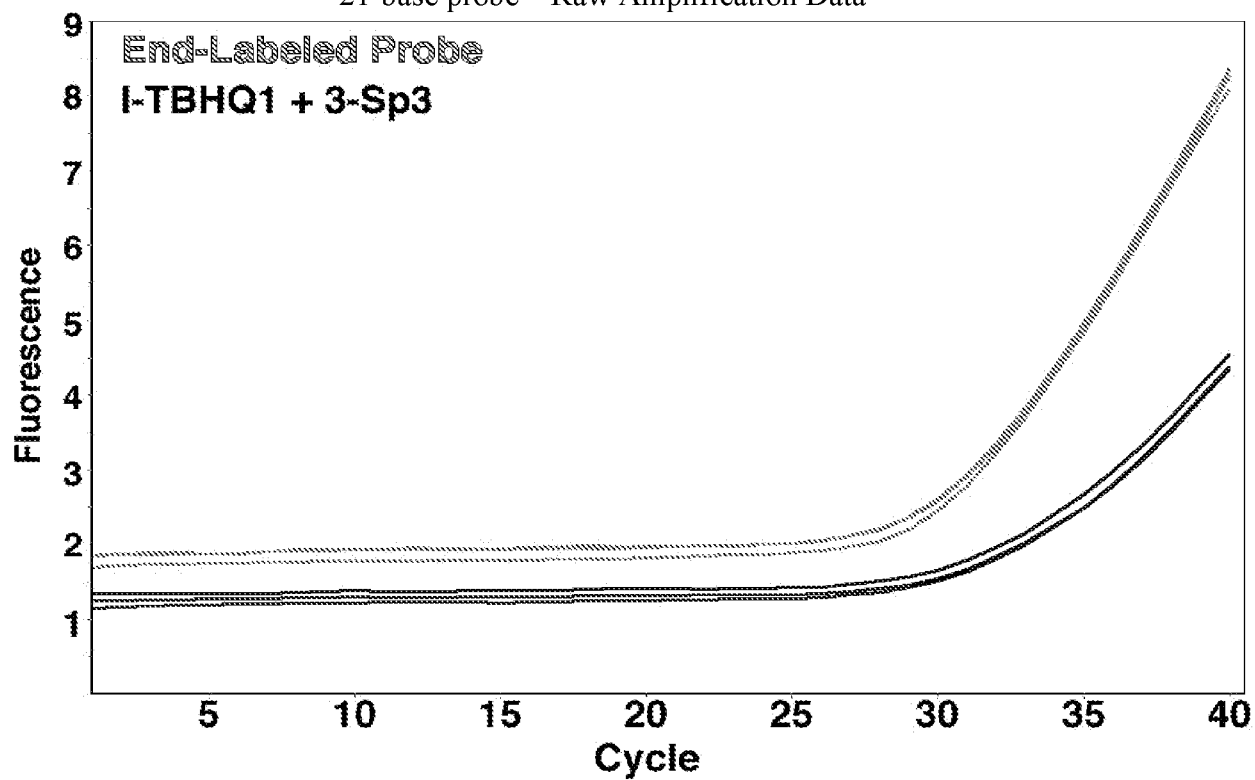


FIG. 2A

21-base probe – Raw Amplification Data

**FIG. 2B**

29-base probe – Raw Amplification Data

FIG. 2C

35-base probe – Raw Amplification Data

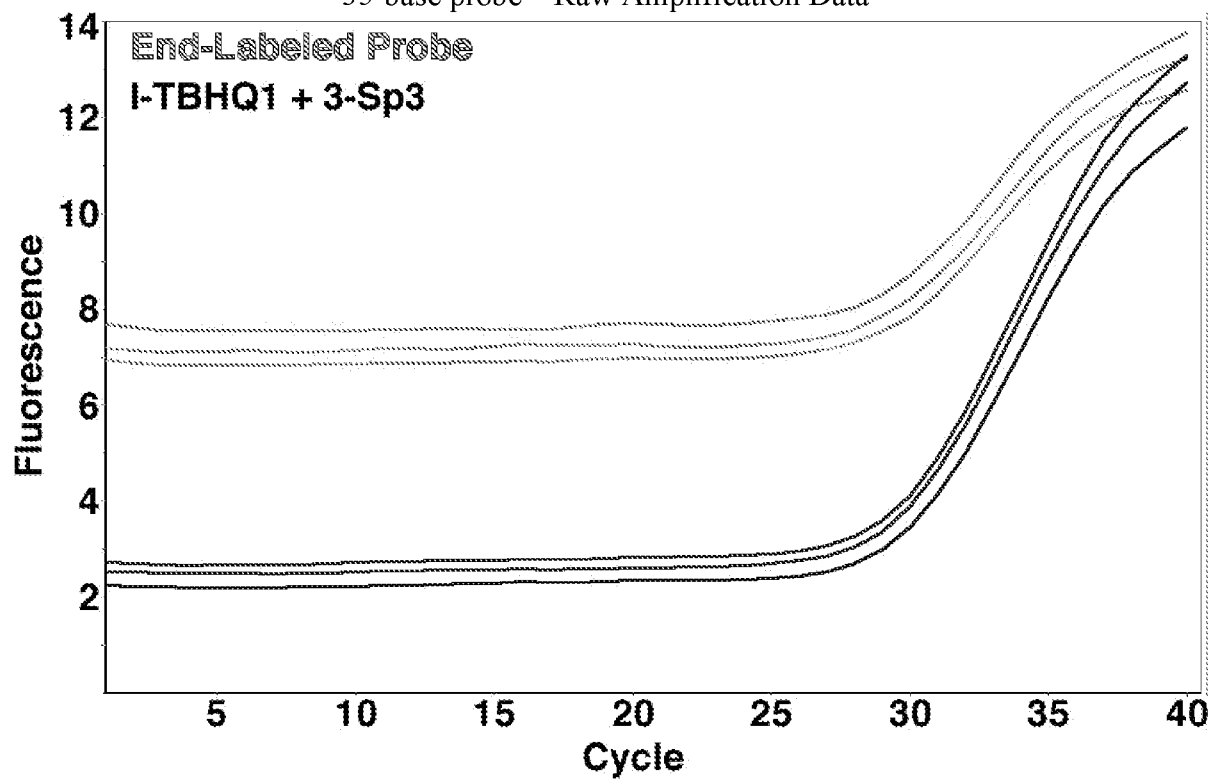


FIG. 3

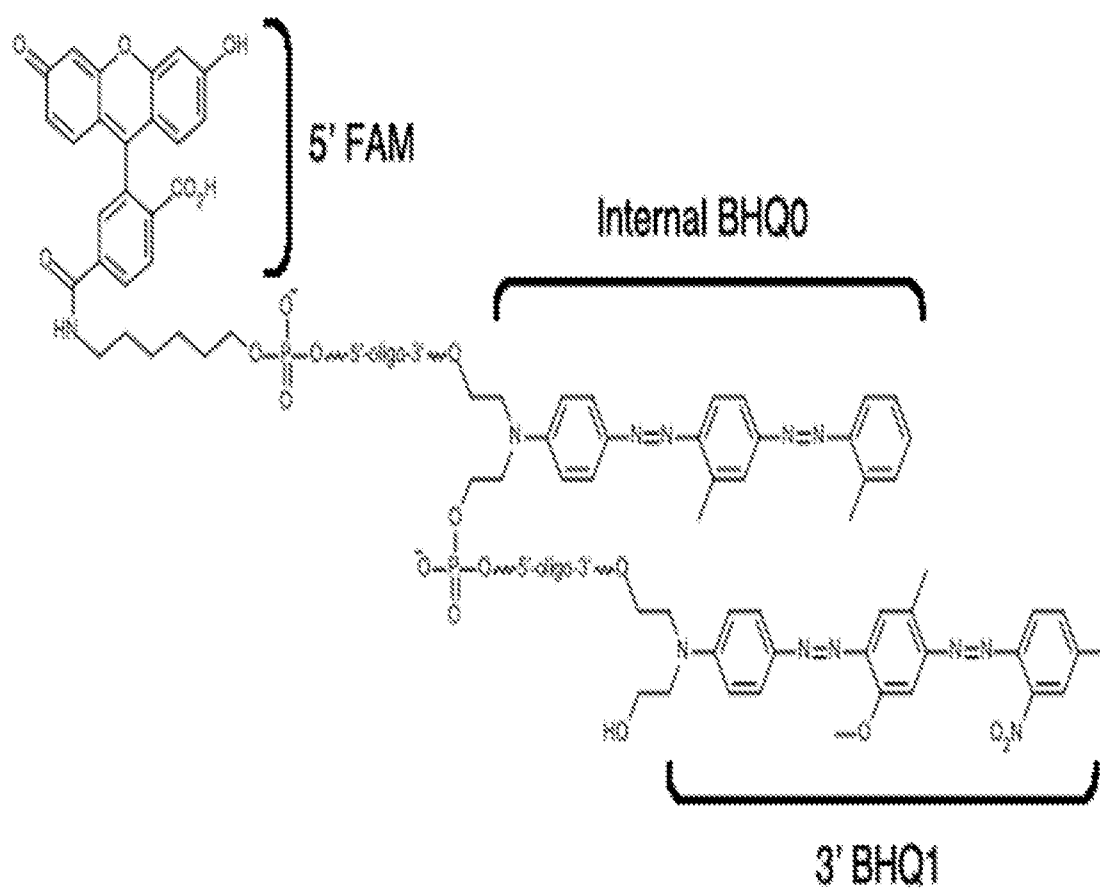
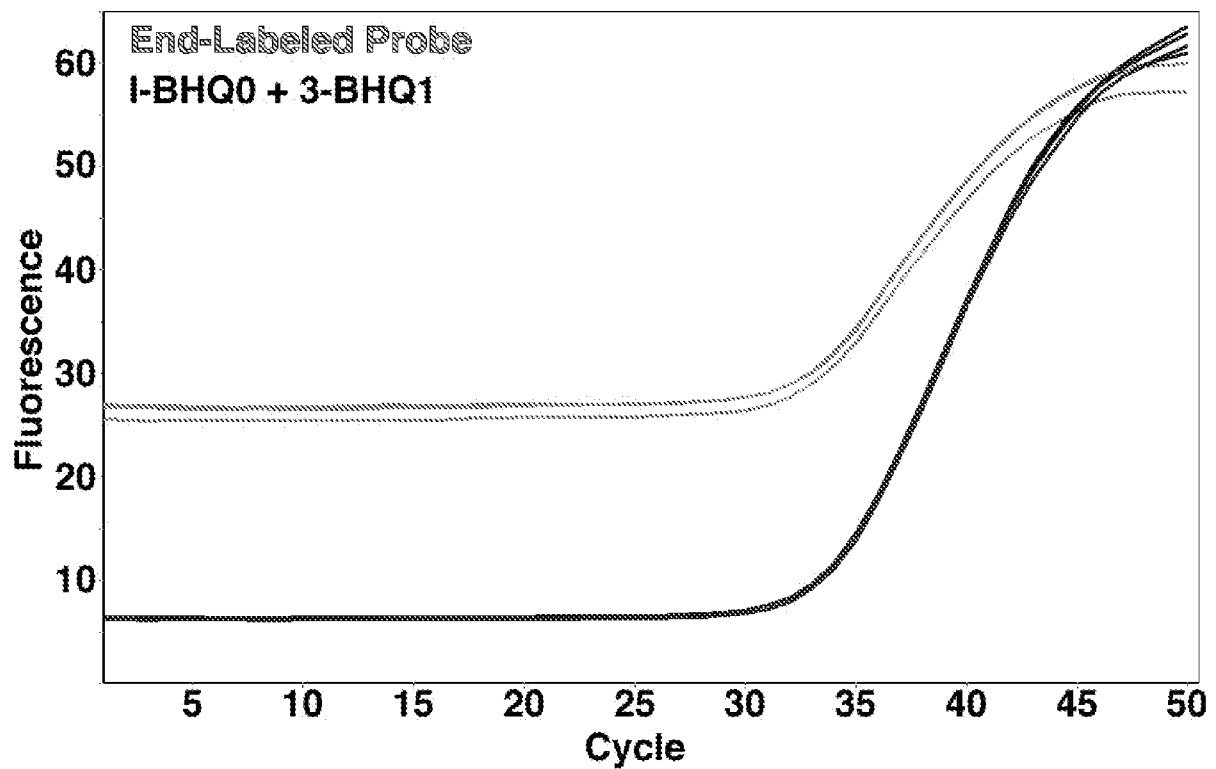
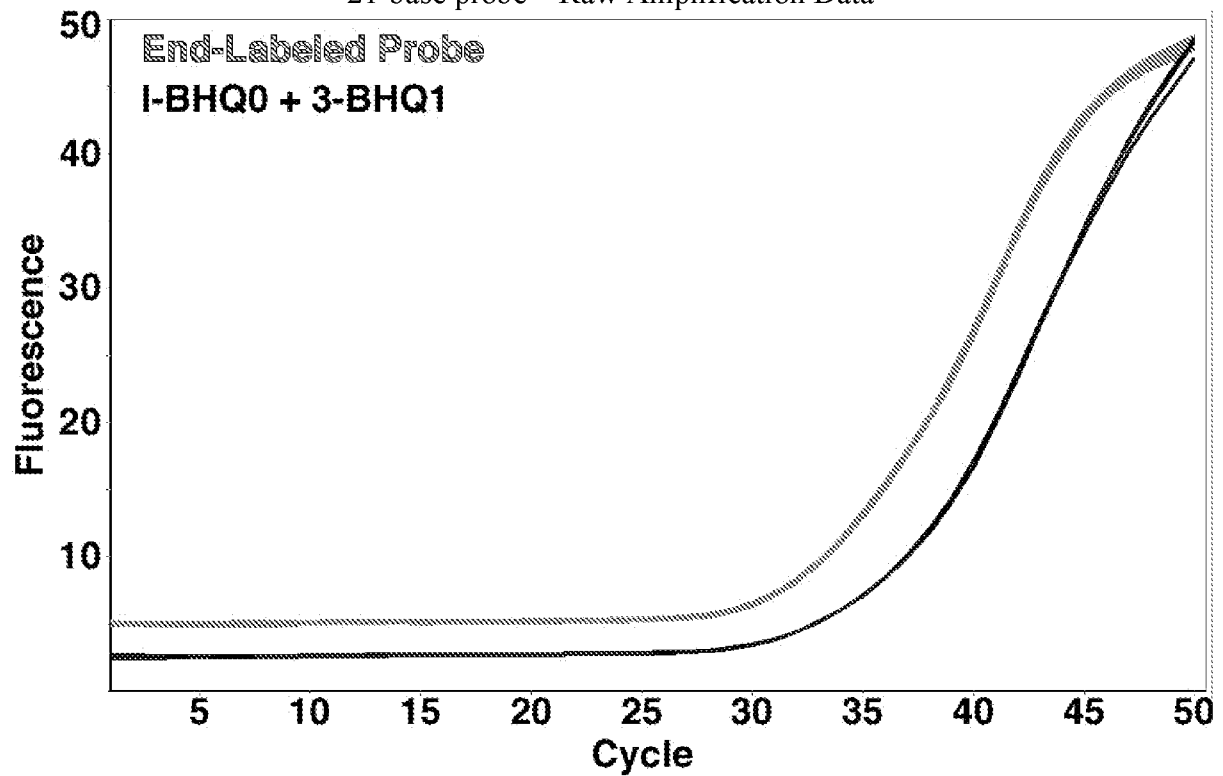


FIG. 4A

21-base probe – Raw Amplification Data

**FIG. 4B**

29-base probe – Raw Amplification Data

FIG. 4C

35-base probe – Raw Amplification Data

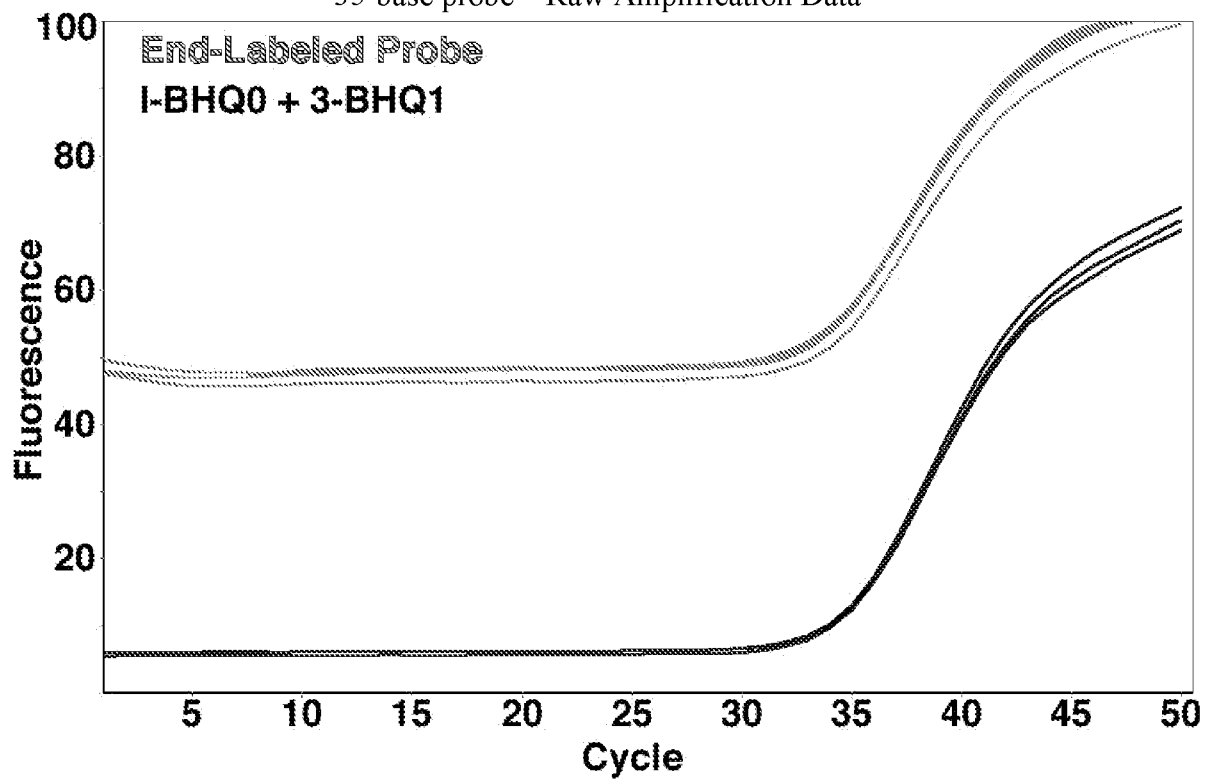
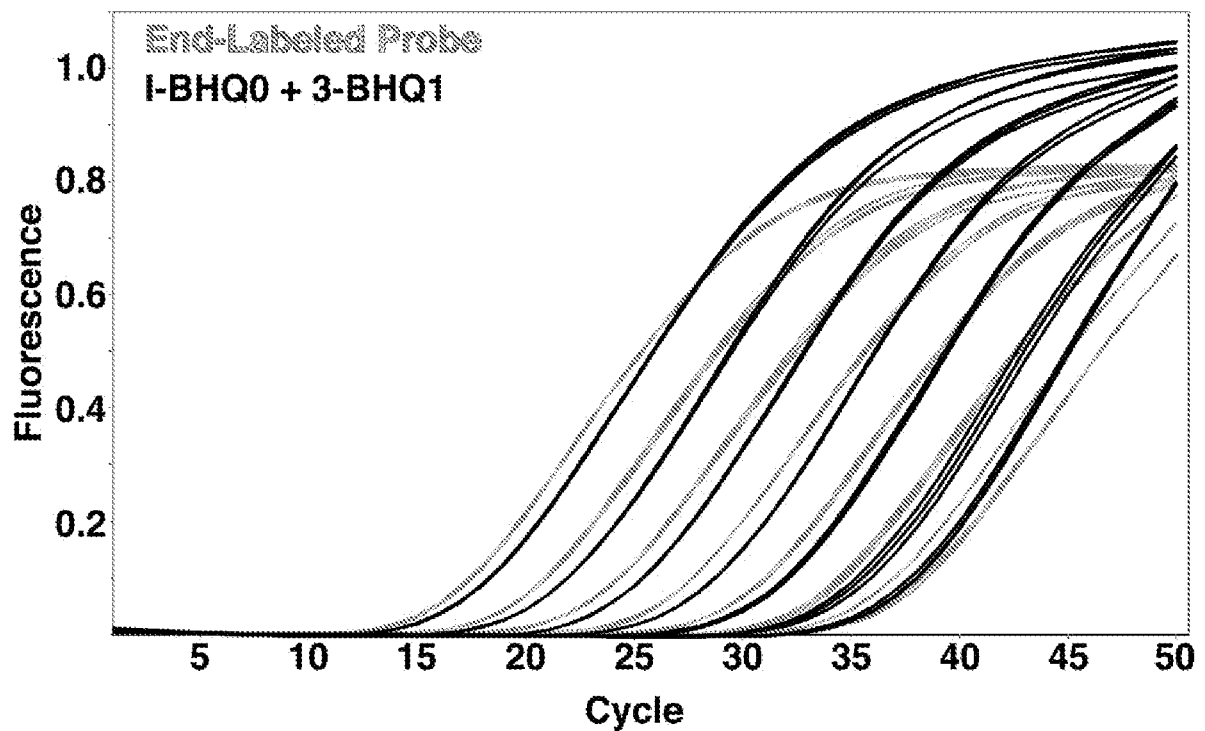
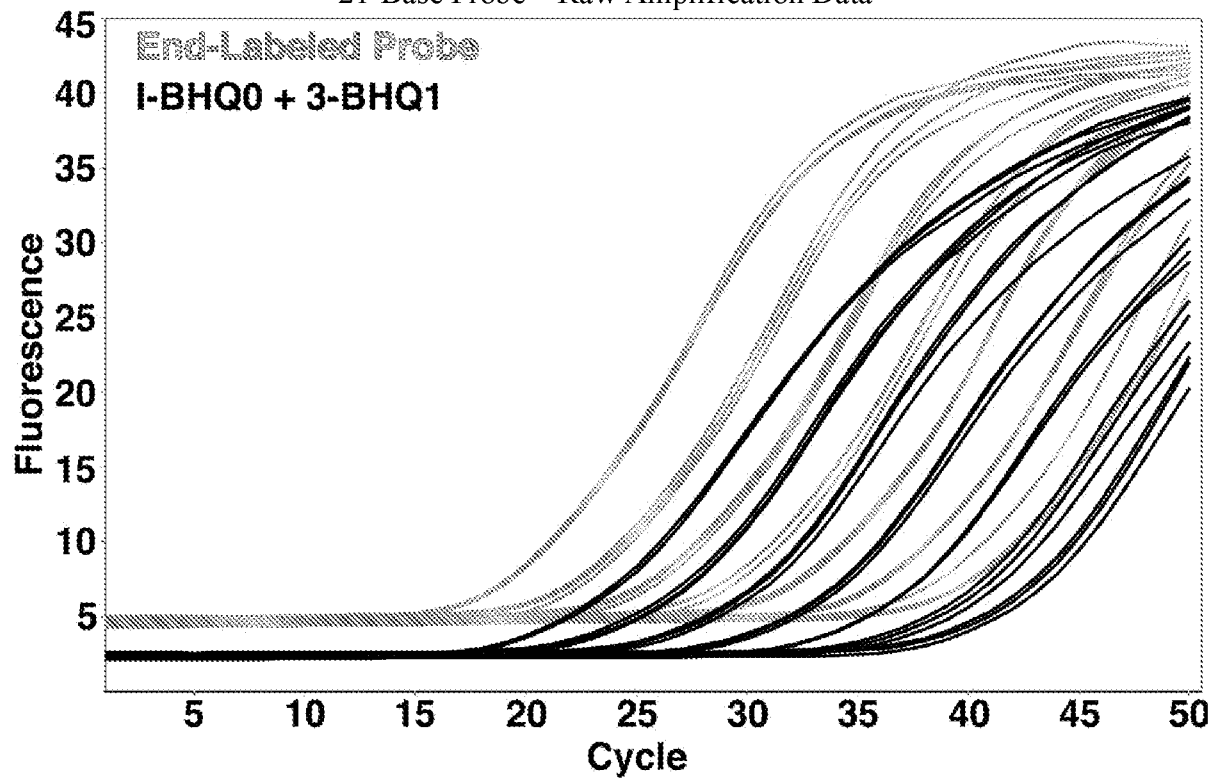


FIG. 5A

21-Base Probe – Raw Amplification Data

**FIG. 5B**

21-Base Probe – Amplification Normalized Data

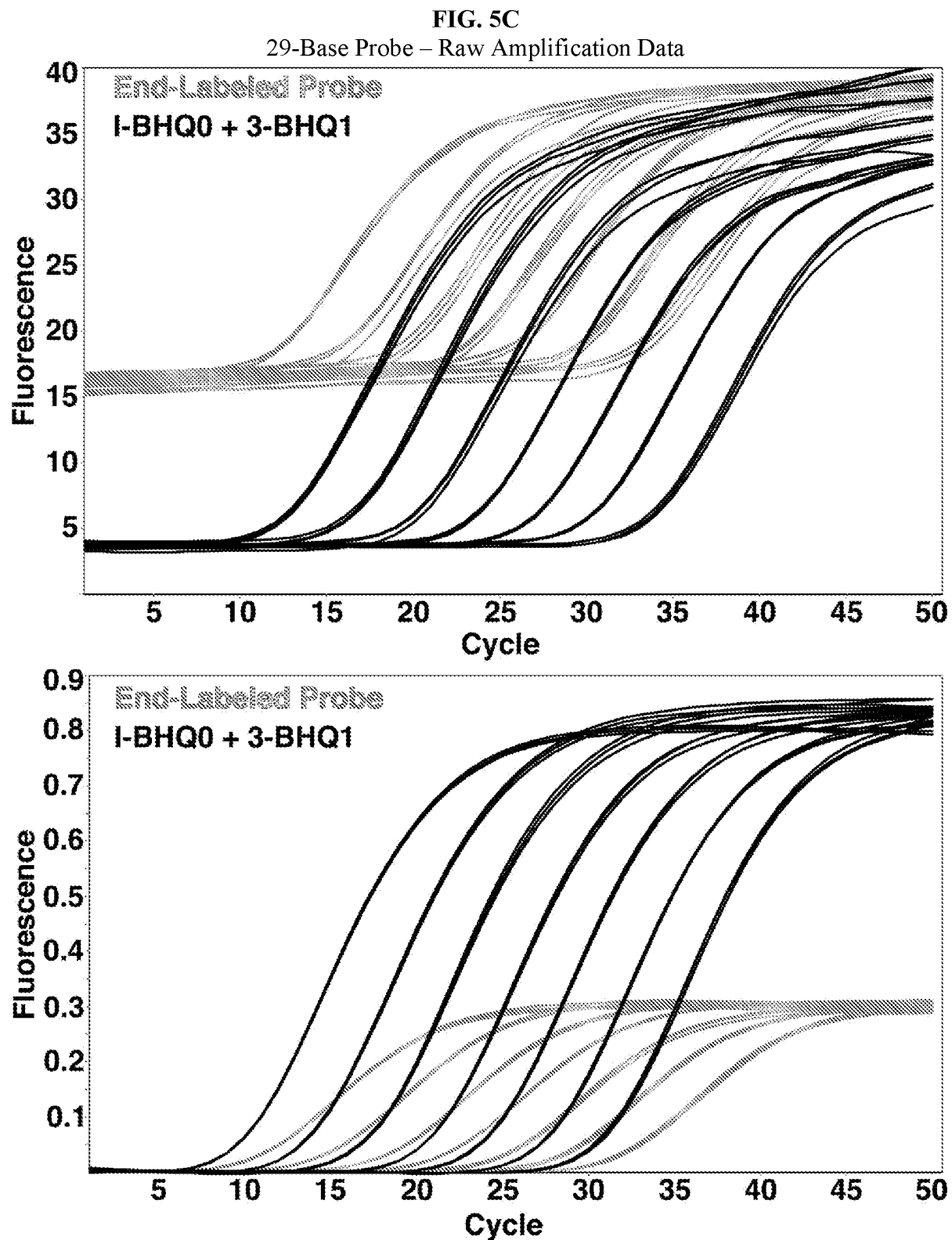


FIG. 5D
29-Base Probe – Amplification Normalized Data

FIG. 5E

35-Base Probe – Raw Amplification Data

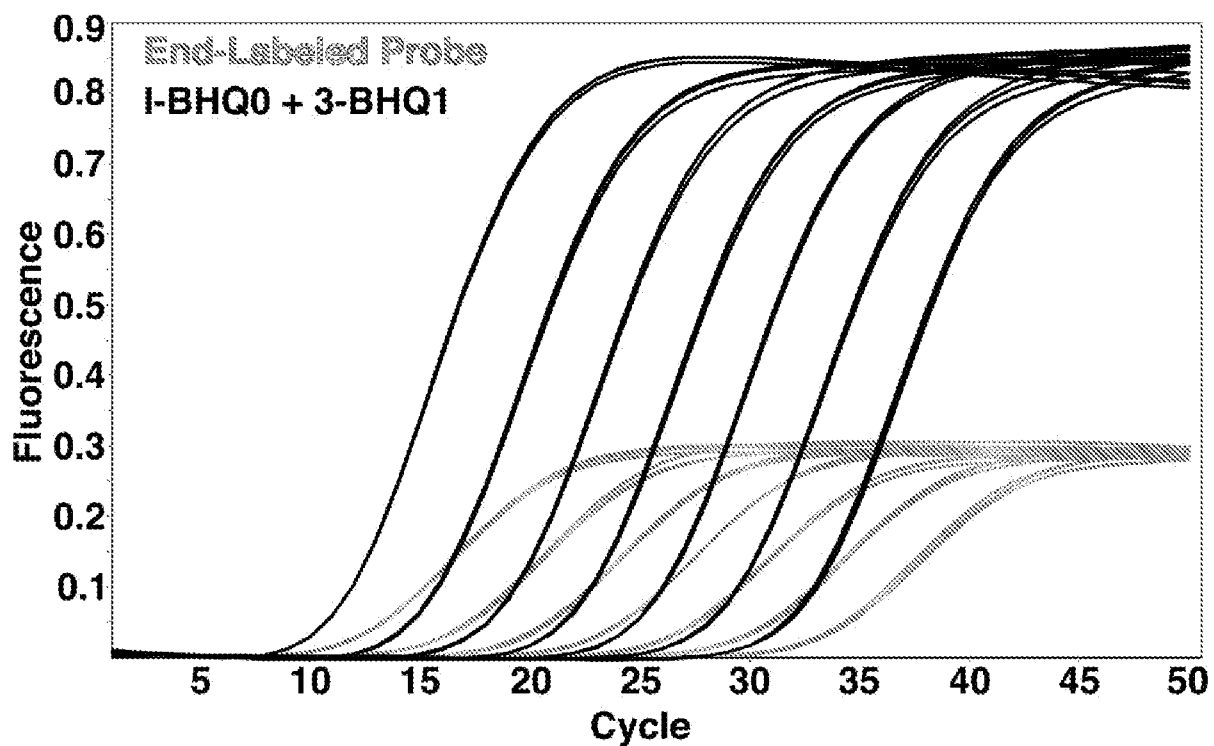
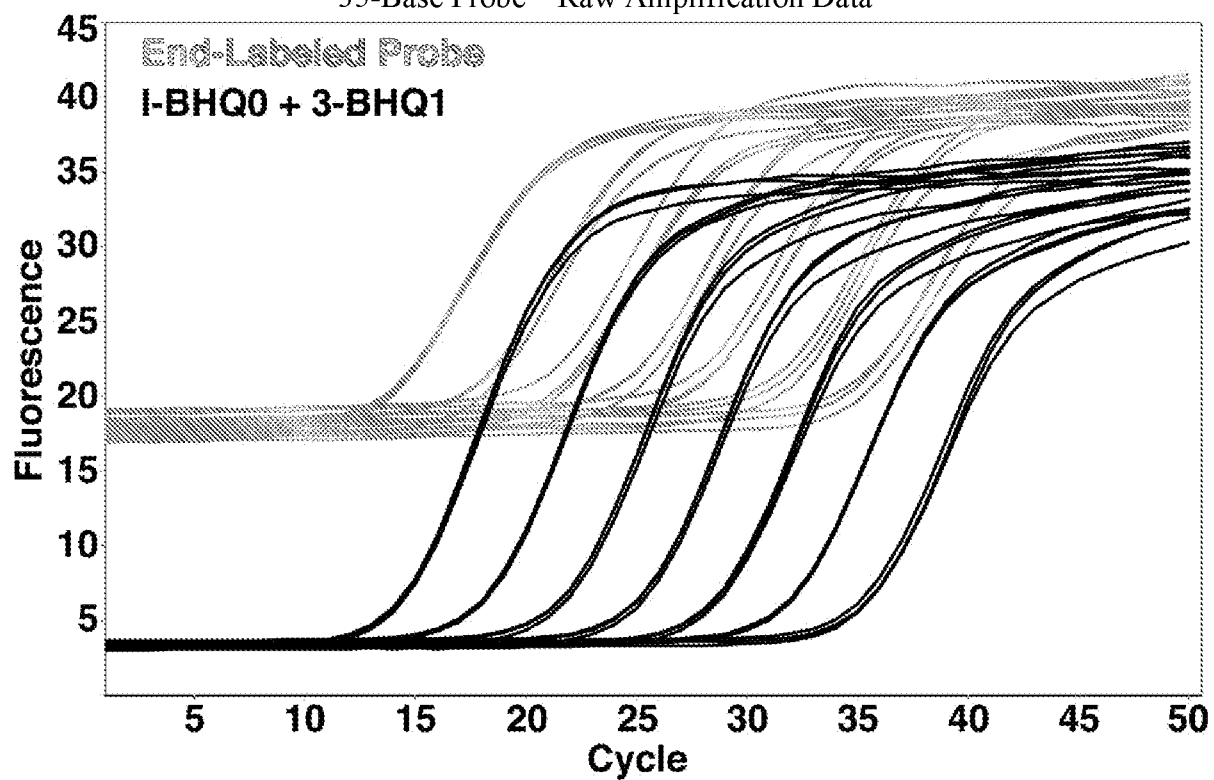
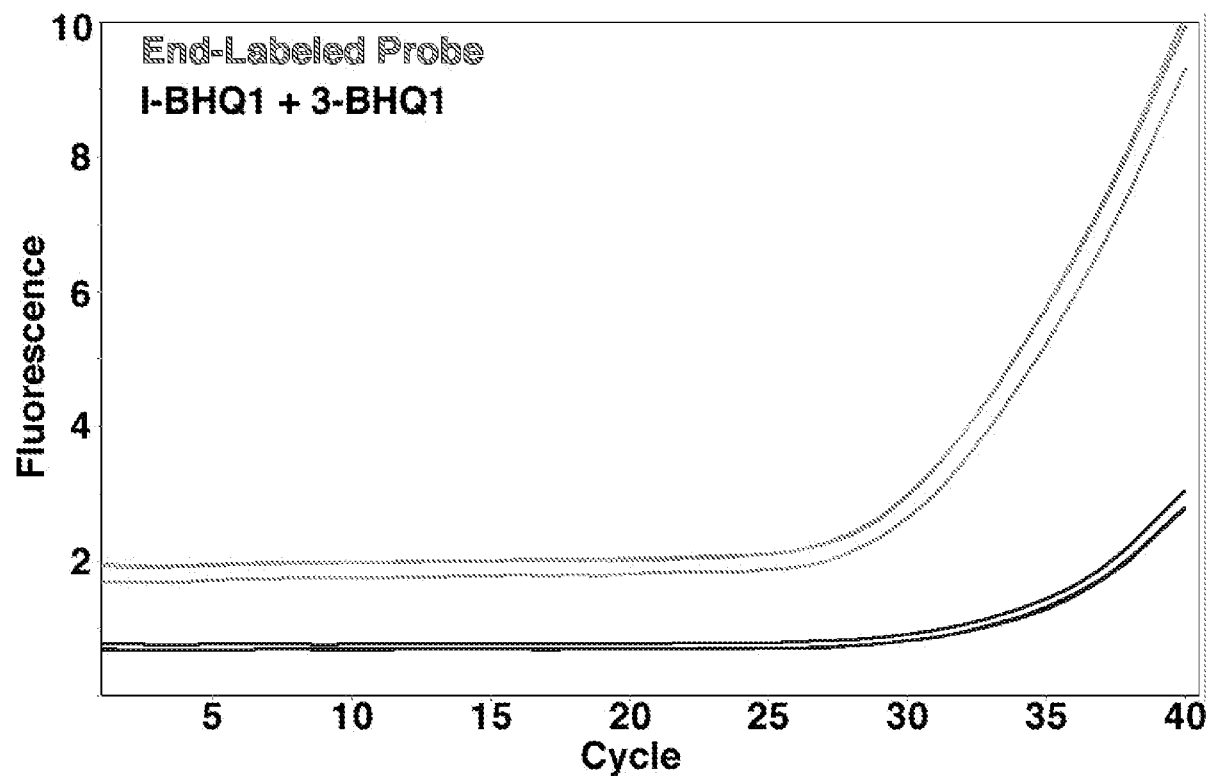
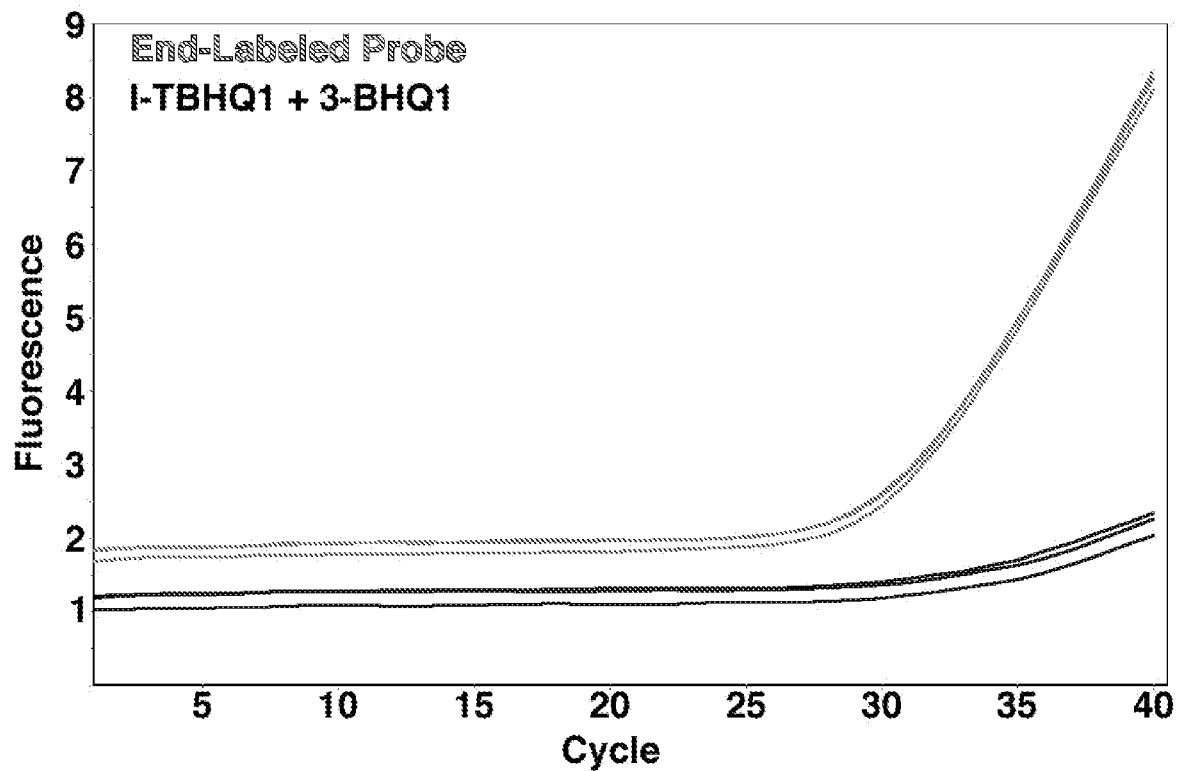


FIG. 5F

35-Base Probe – Amplification Normalized Data

FIG. 6A

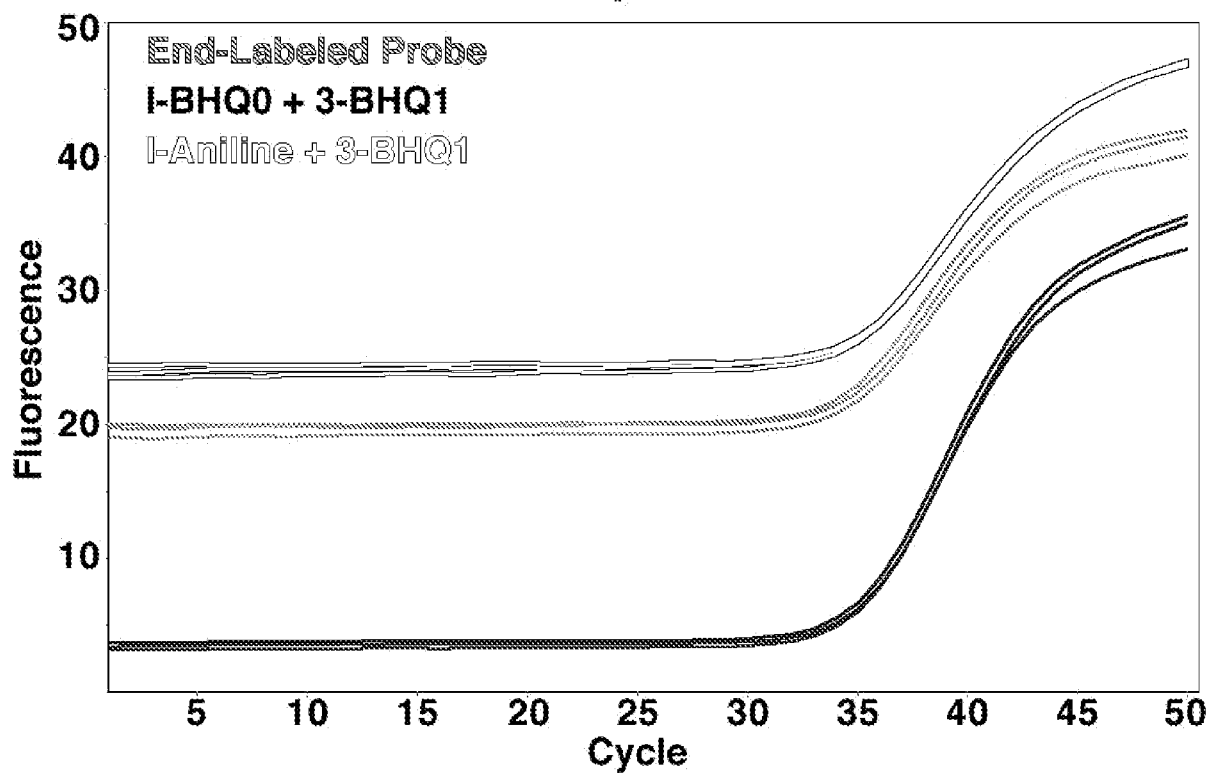
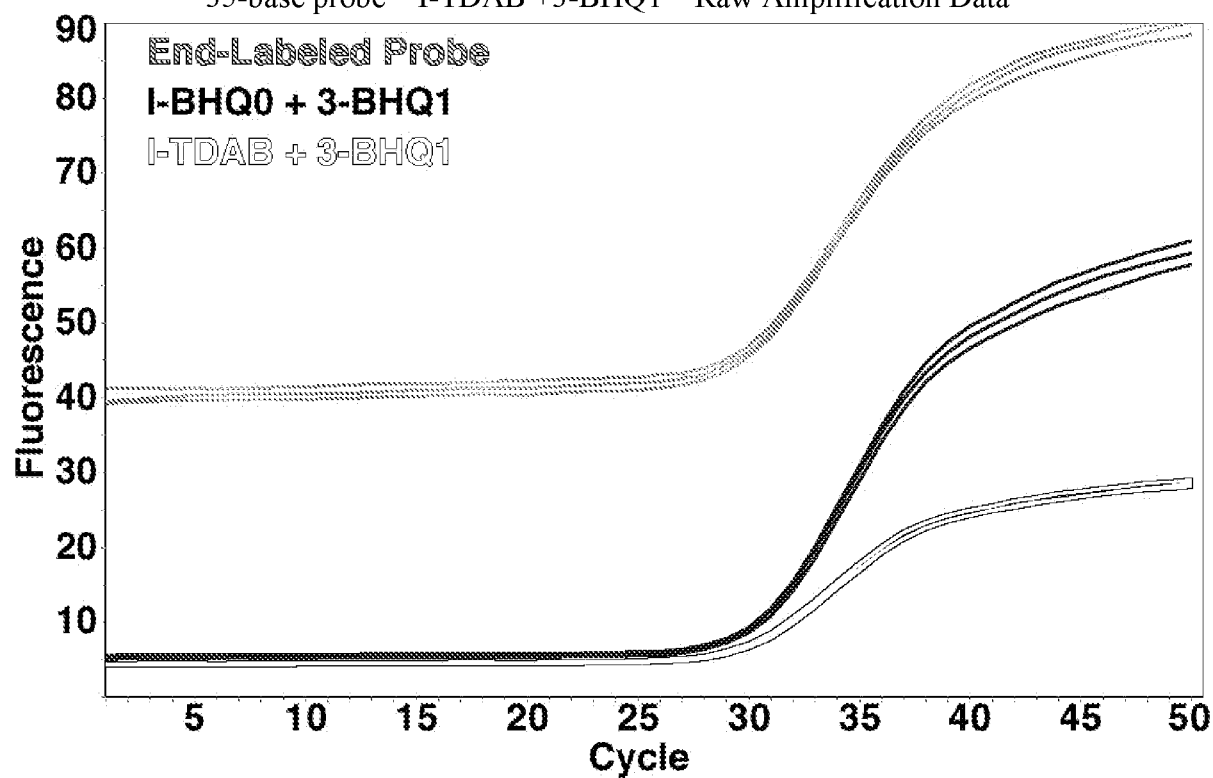
21-base probe – I-TBHQ1 + 3-BHQ1 – Raw Amplification Data

**FIG. 6B**

21-base probe – I-BHQ1 + 3-BHQ1 – Raw Amplification Data

FIG. 7A

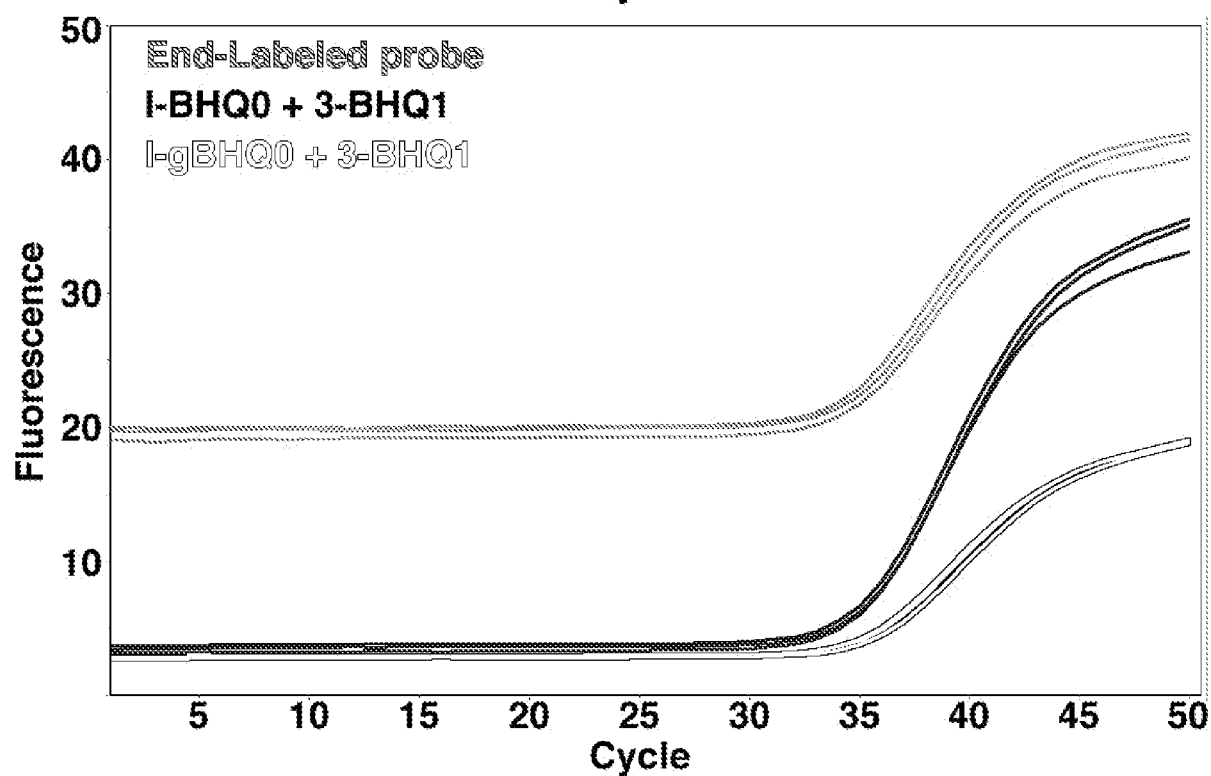
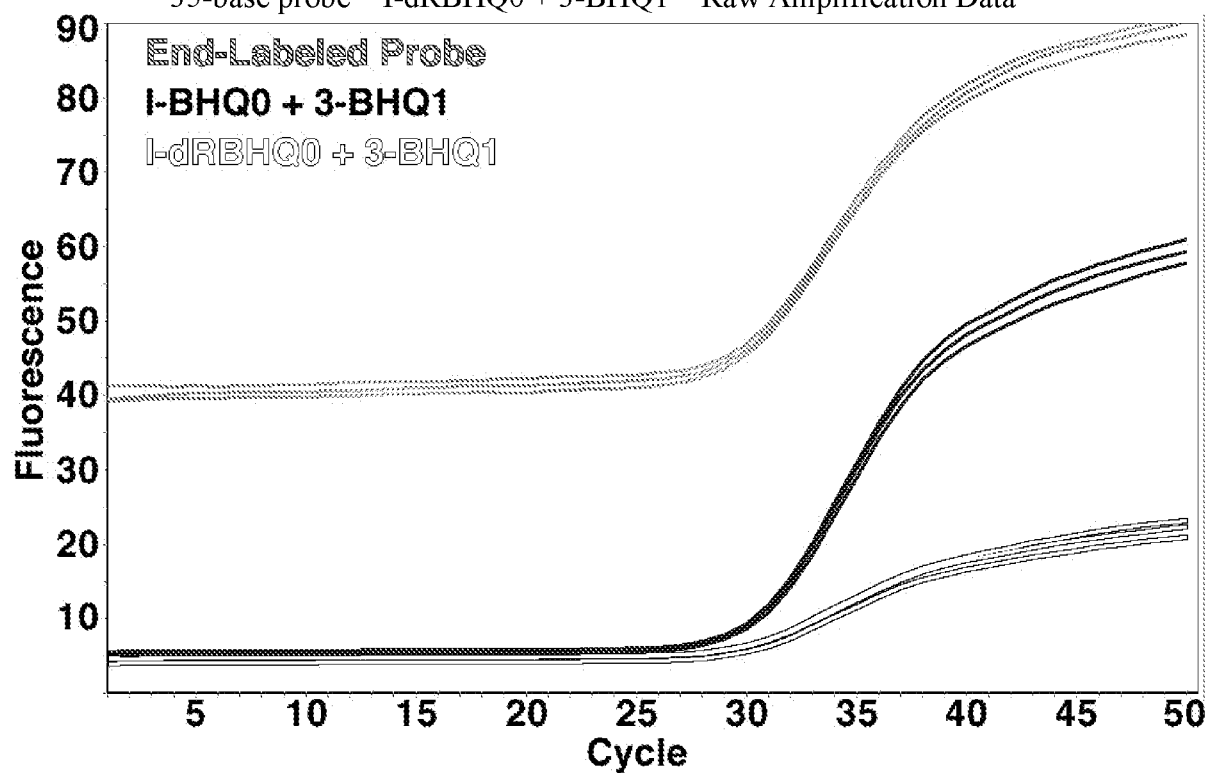
35-base probe – I-TDAB + 3-BHQ1 – Raw Amplification Data

**FIG. 7B**

35-base probe – I-Aniline + 3-BHQ1 – Raw Amplification Data

FIG. 8A

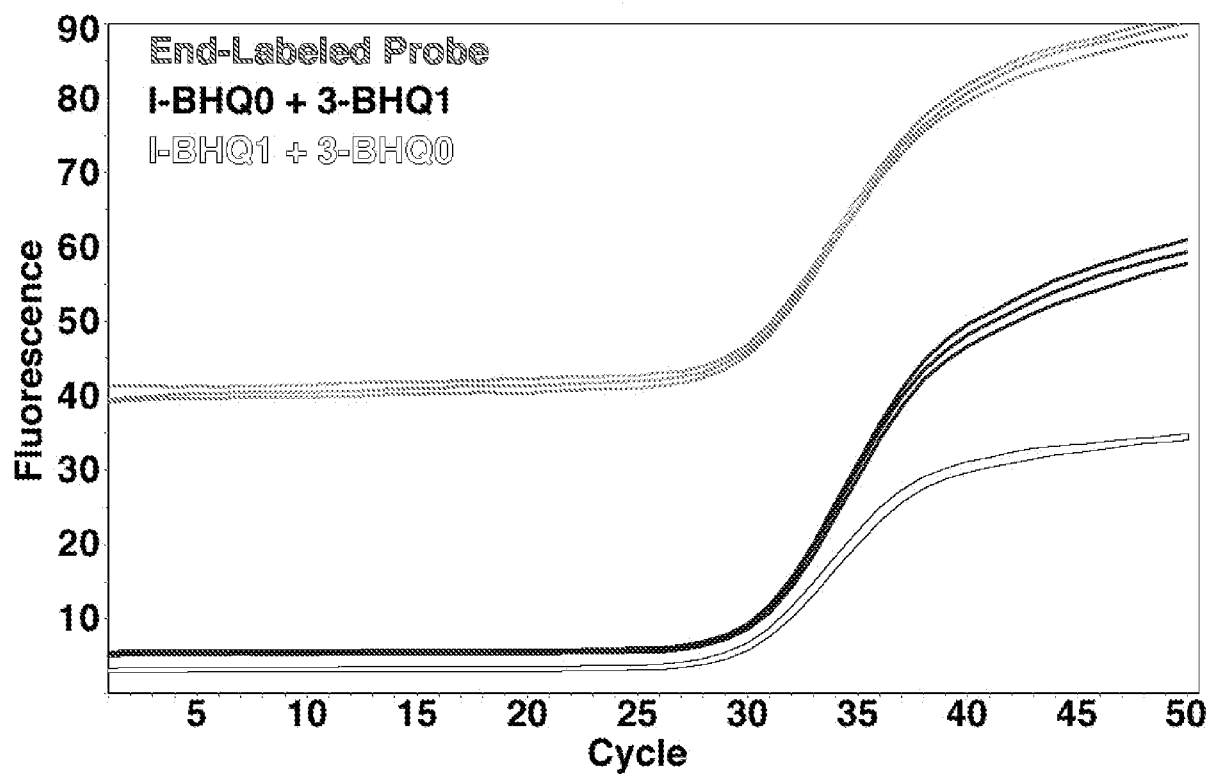
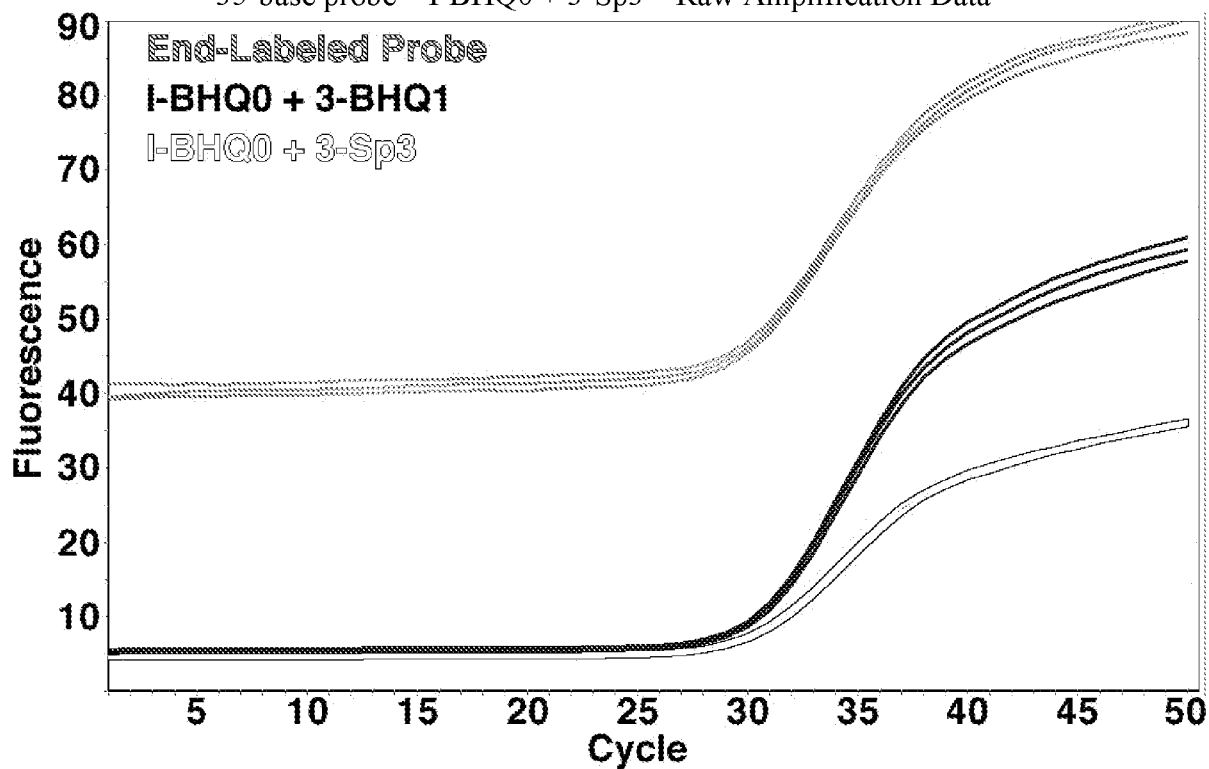
35-base probe – I-dRBHQ0 + 3-BHQ1 – Raw Amplification Data

**FIG. 8B**

35-base probe – I-gBHQ0 + 3-BHQ1 – Raw Amplification Data

FIG. 9A

35-base probe – I-BHQ0 + 3-Sp3 – Raw Amplification Data

**FIG. 9B**

35-base probe – I-BHQ1 + 3-BHQ0 – Raw Amplification Data

FIG. 10

35-base probe – I-BHQ0+ 3-BHQ1 – Raw Amplification Data

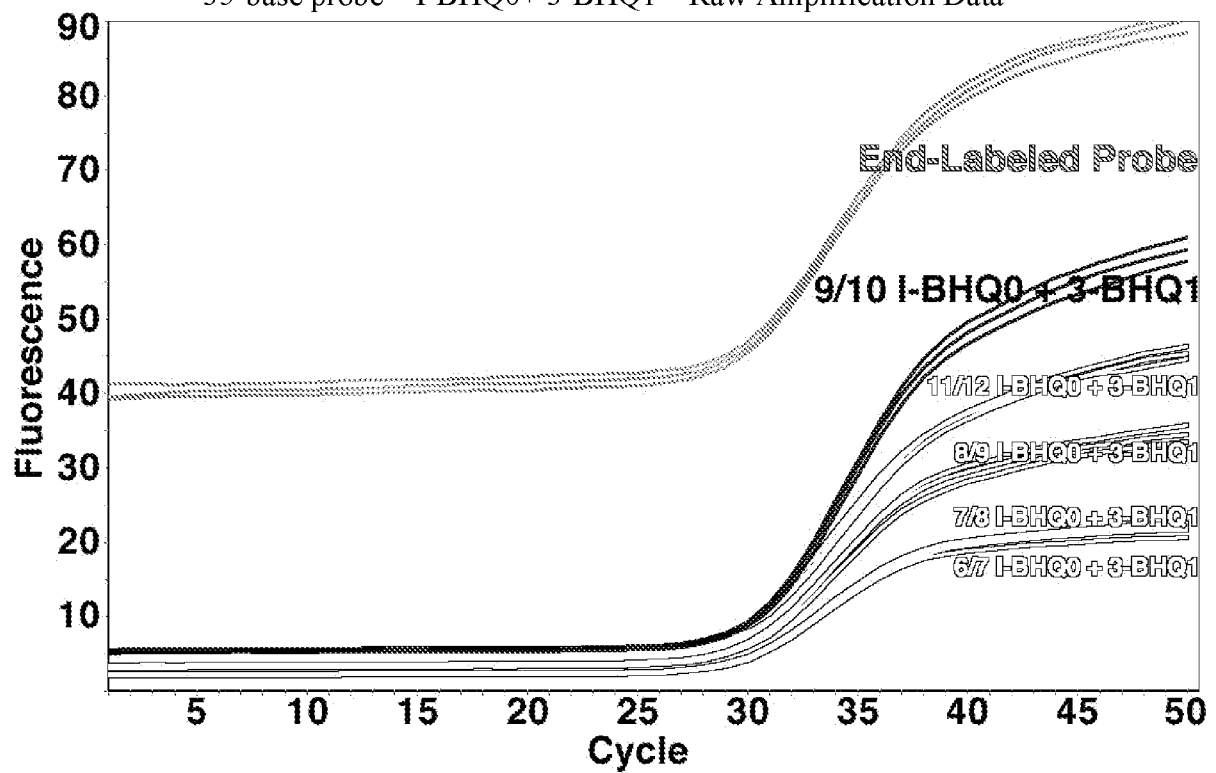
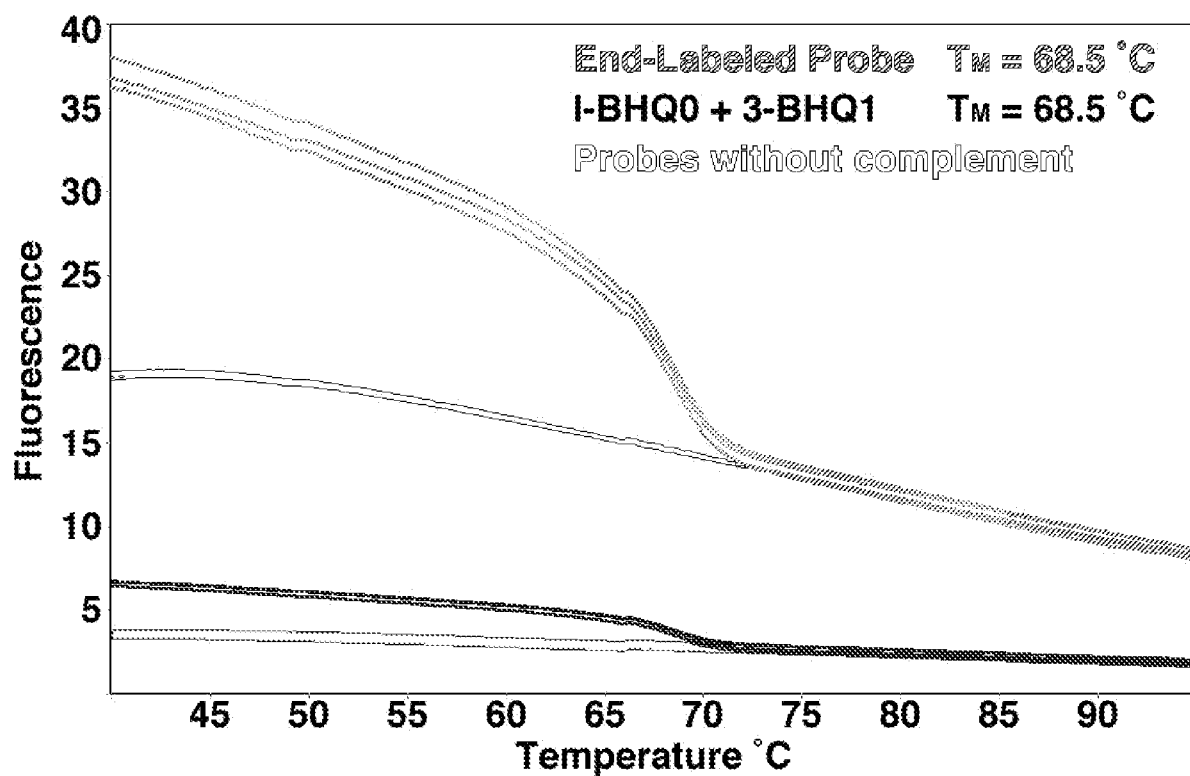
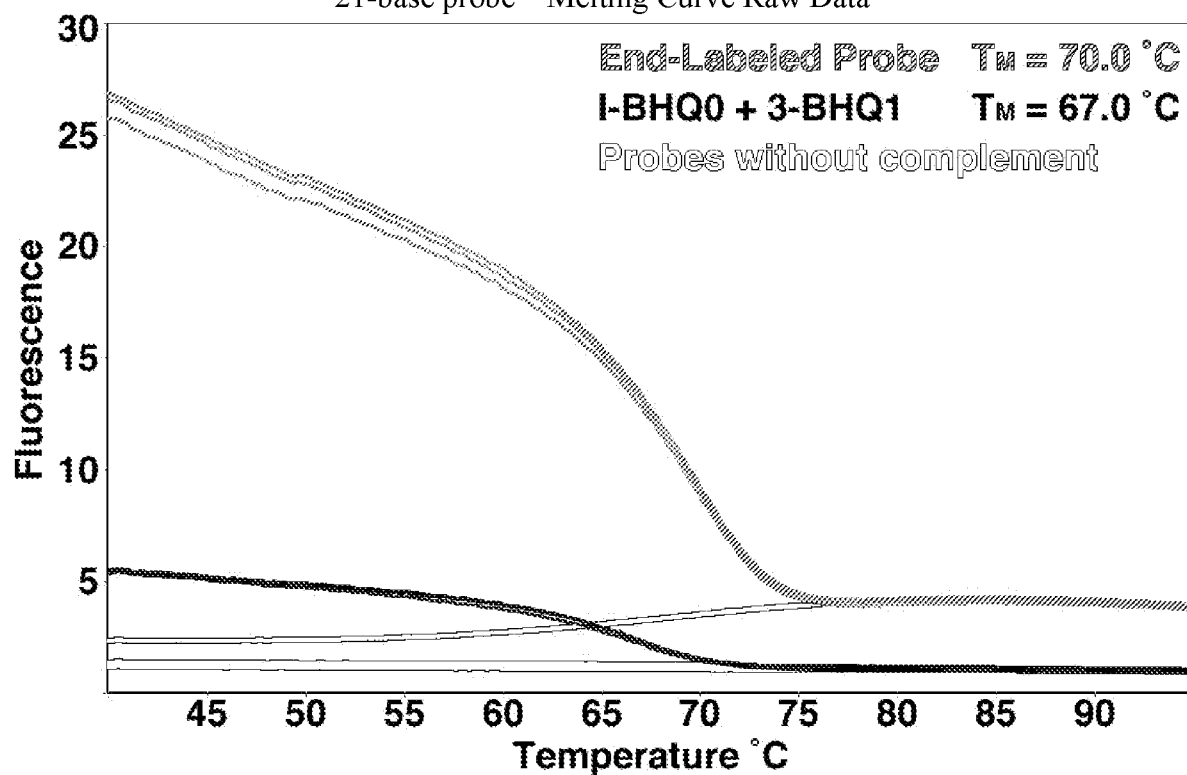


FIG. 11A

21-base probe – Melting Curve Raw Data

**FIG. 11B**

29-base probe – Melting Curve Raw Data

FIG. 11C

35-base probe – Melting Curve Raw Data

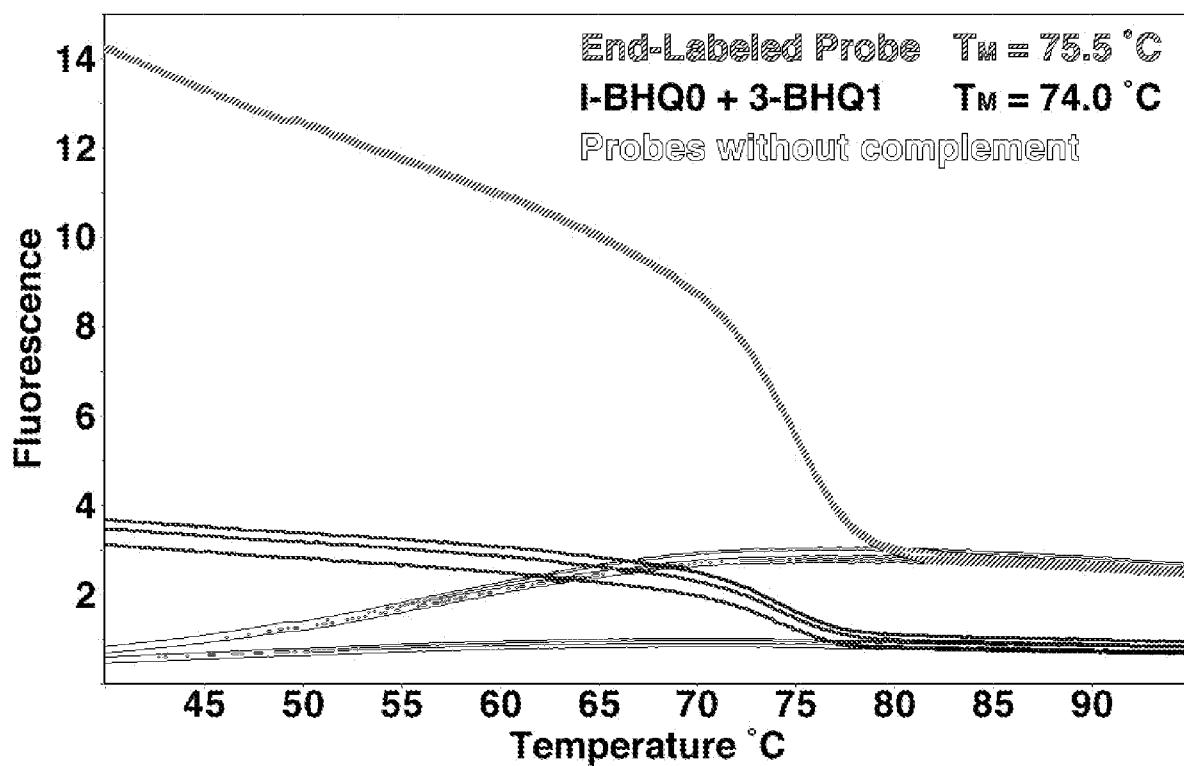
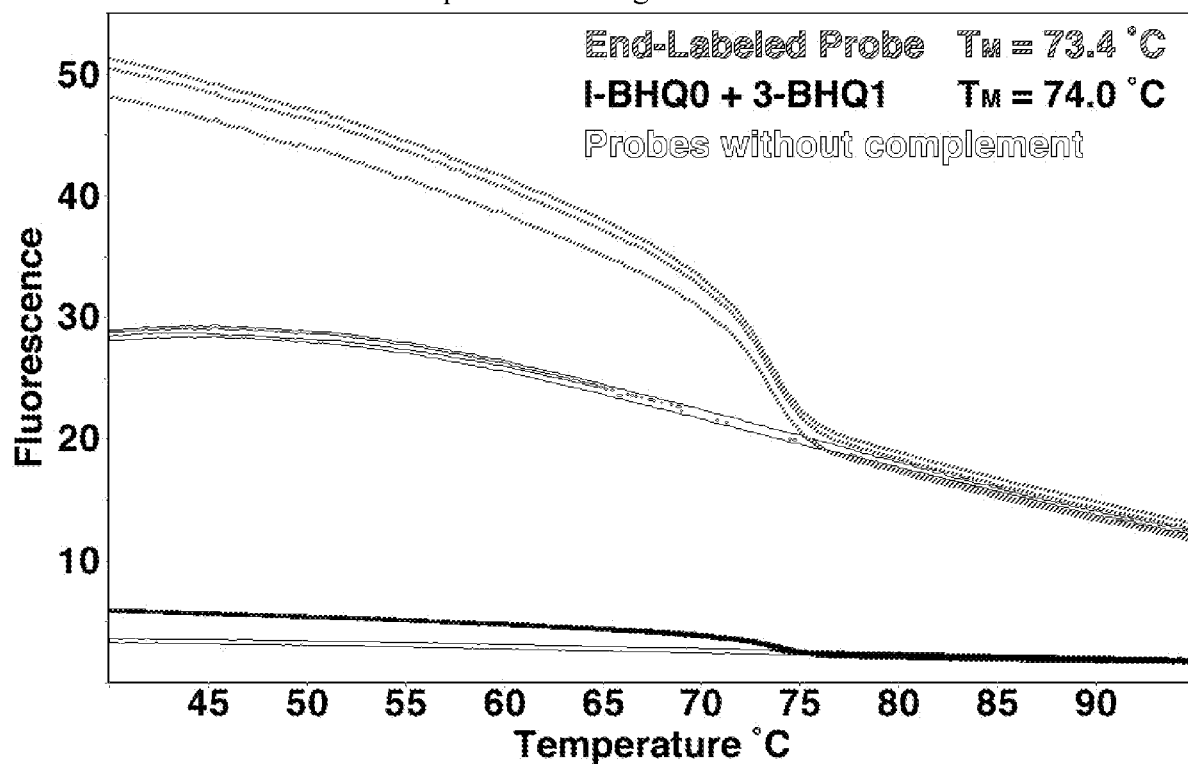


FIG. 11D

20-base probe – 10000TU Sequence – Melting Curve Raw Data

FIG. 11E

20-base probe – 10004TD Sequence – Melting Curve Raw Data

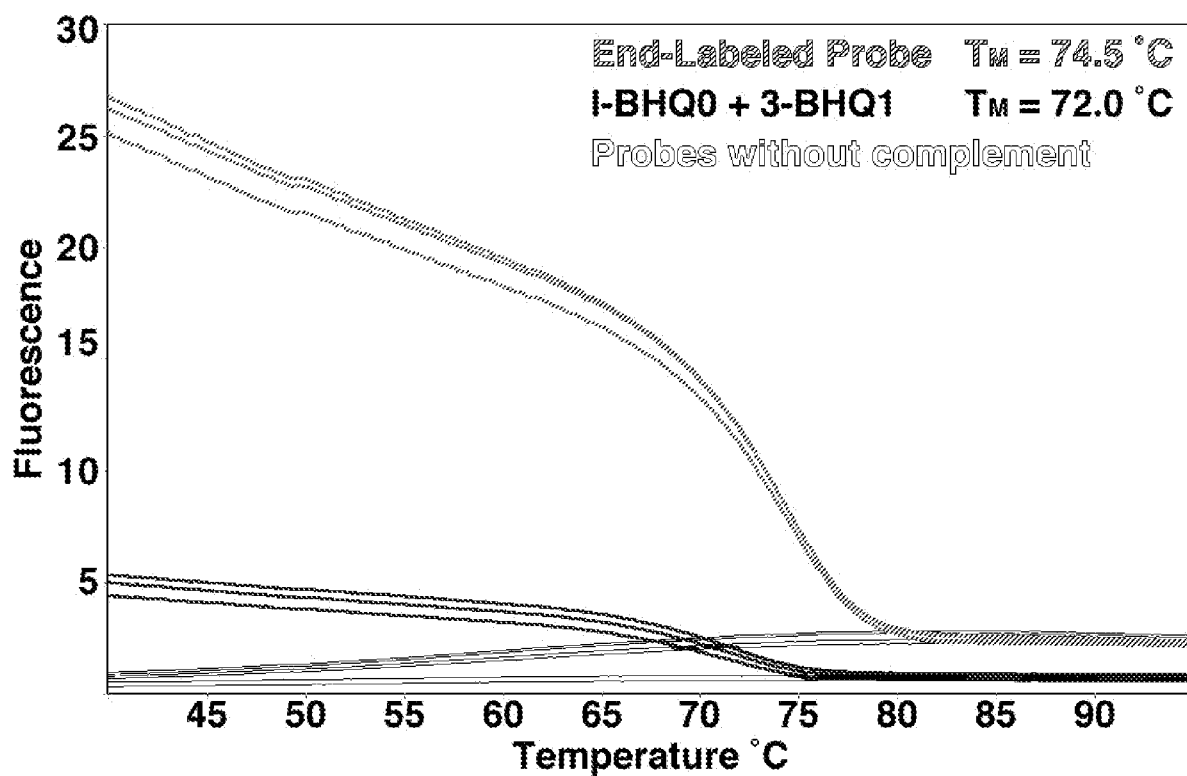
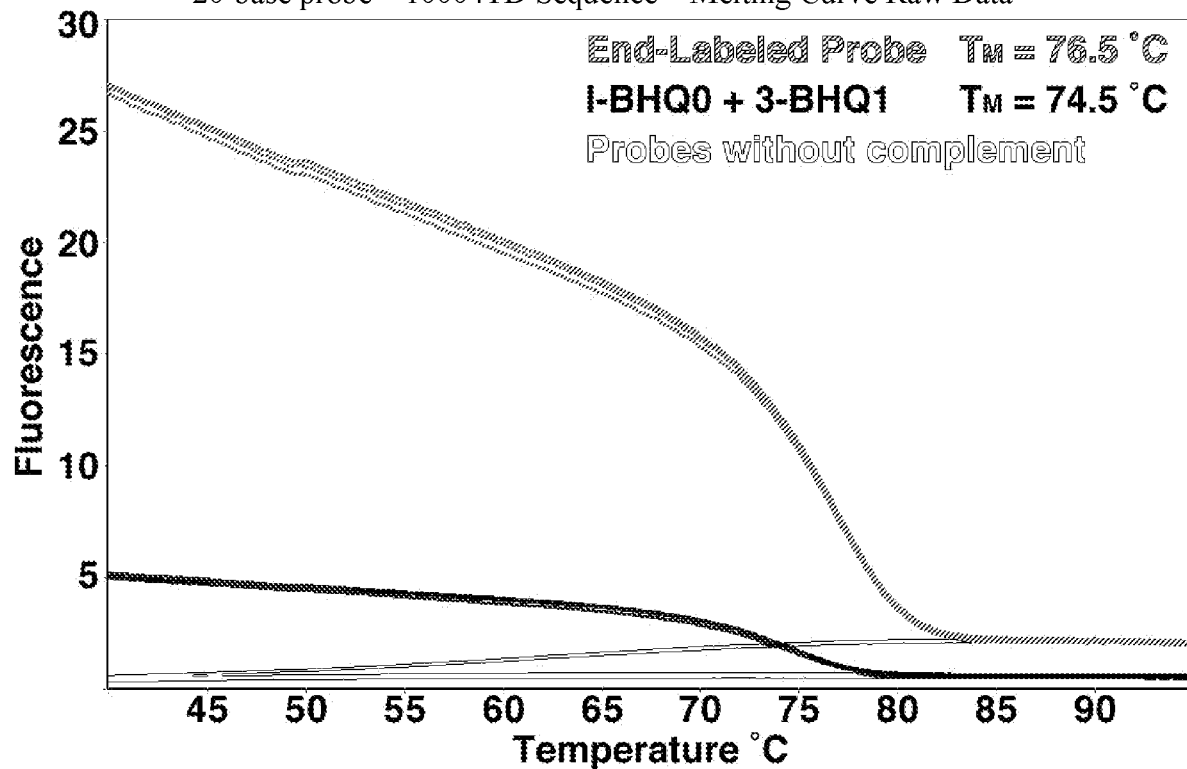


FIG. 11F

20-base probe – 10007TU Sequence – Melting Curve Raw Data

FIG. 11G

25-base probe – 10005TD Sequence – Melting Curve Raw Data

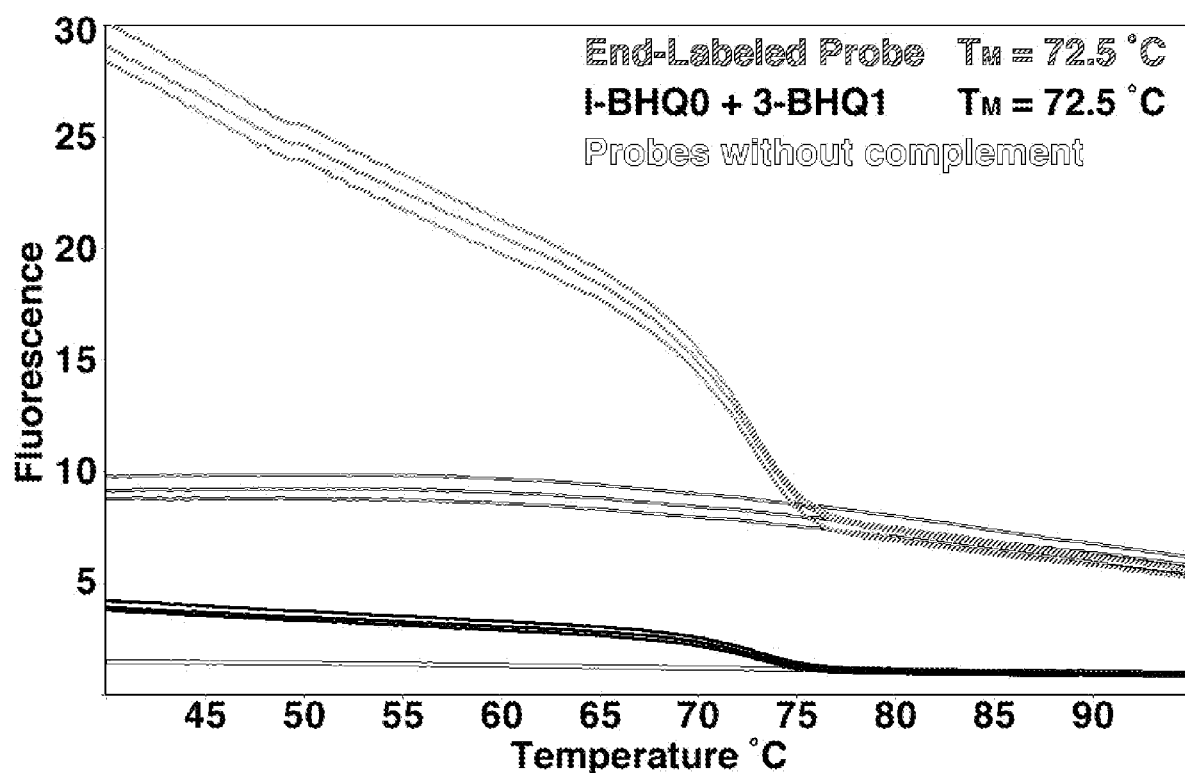
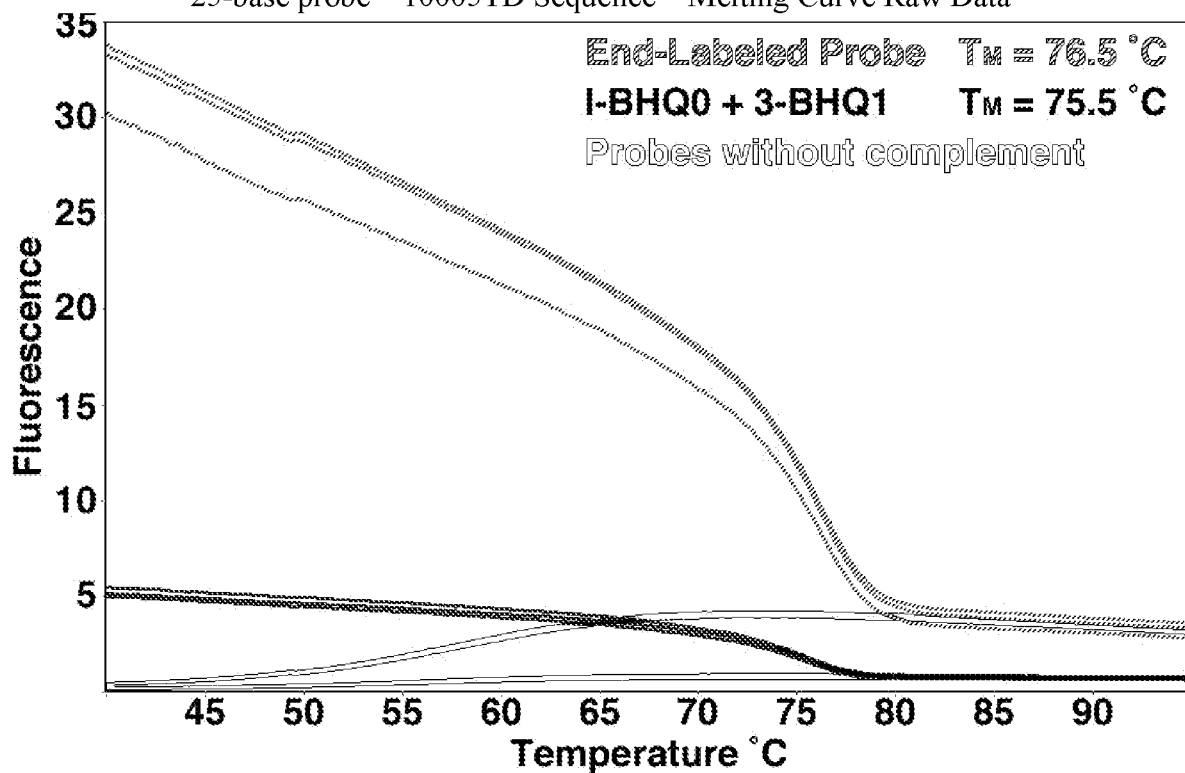


FIG. 11H

25-base probe – 10009TD Sequence – Melting Curve Raw Data

FIG. 11I

25-base probe – 10162TD Sequence – Melting Curve Raw Data

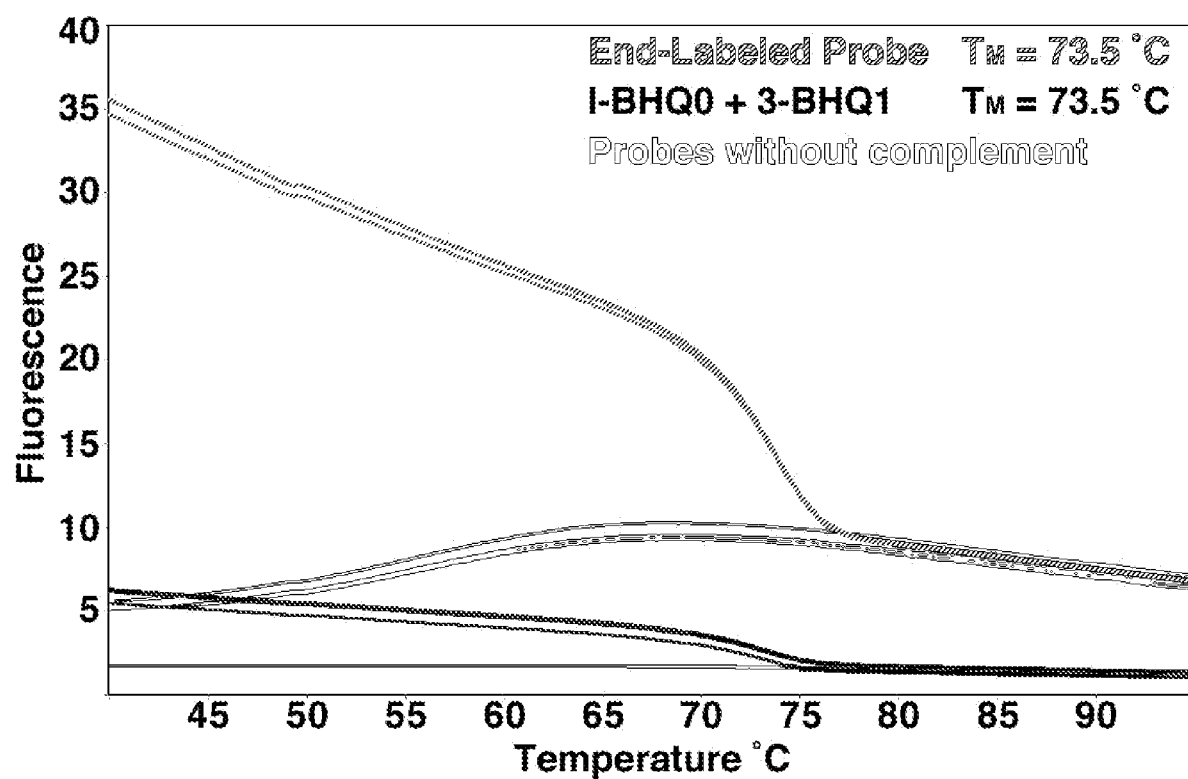
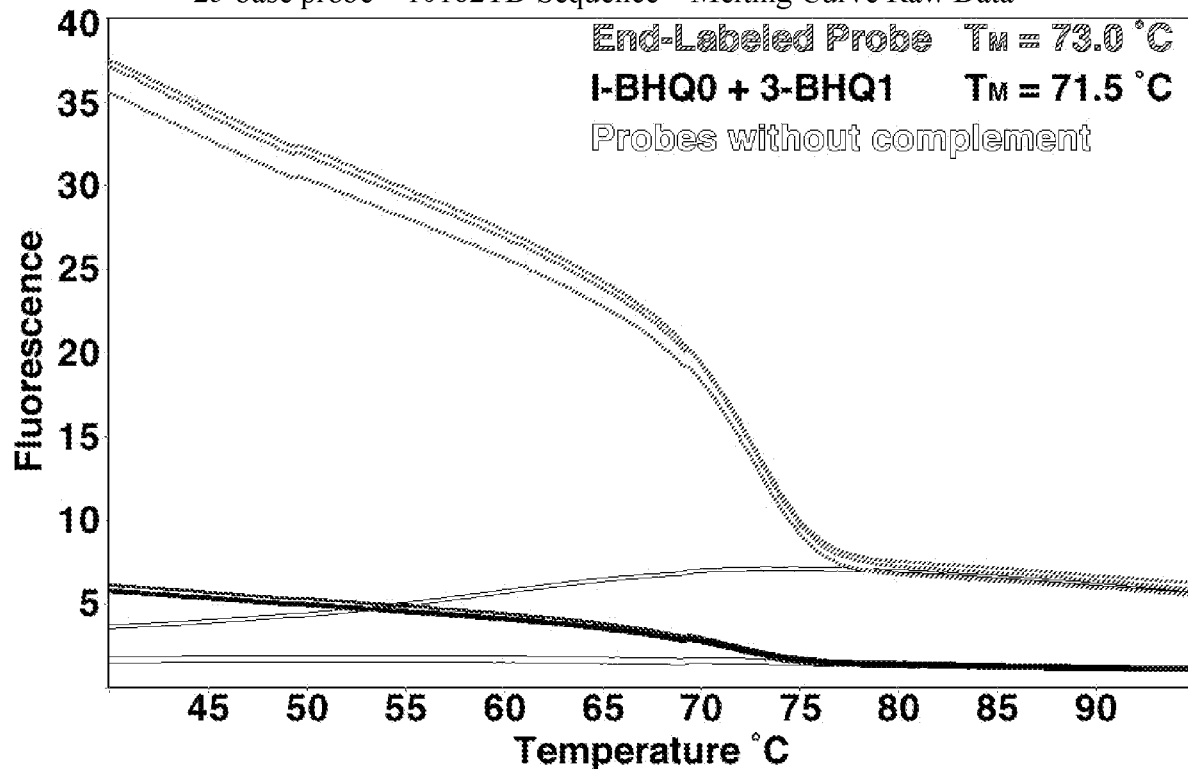


FIG. 11J

30-base probe – 10002TD Sequence – Melting Curve Raw Data

FIG. 11K

30-base probe – 10006TU Sequence – Melting Curve Raw Data

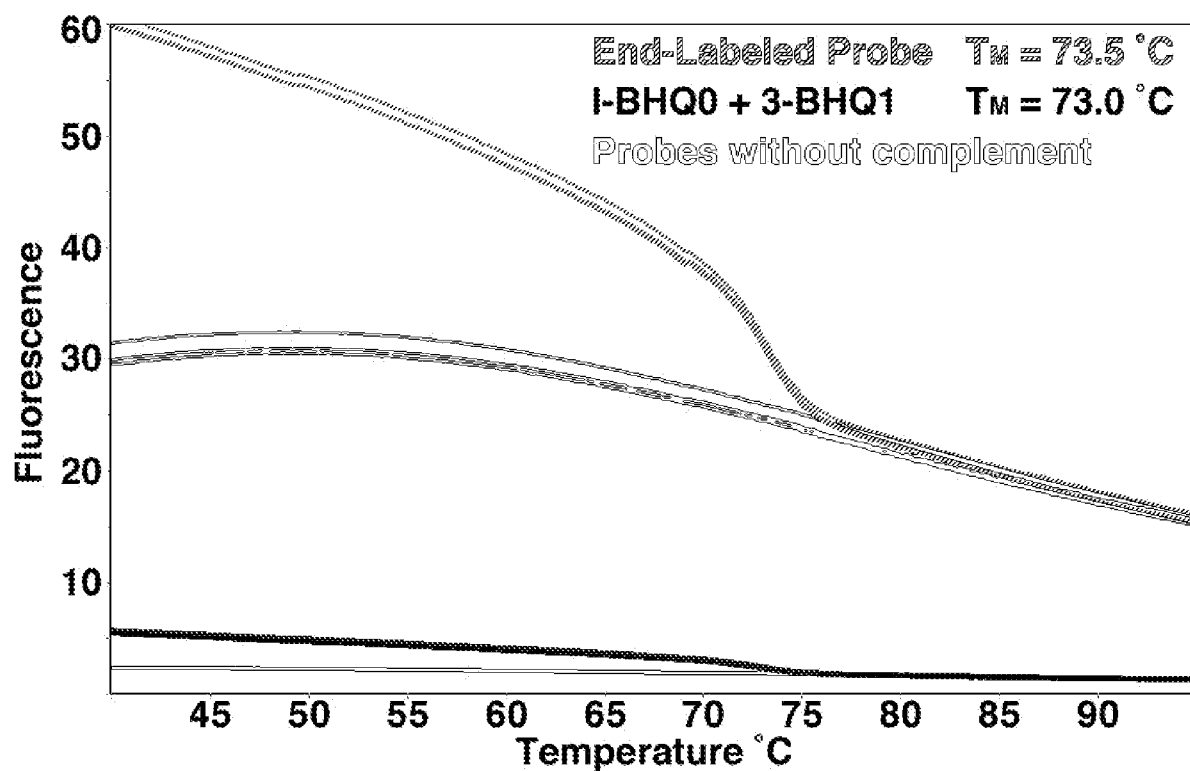
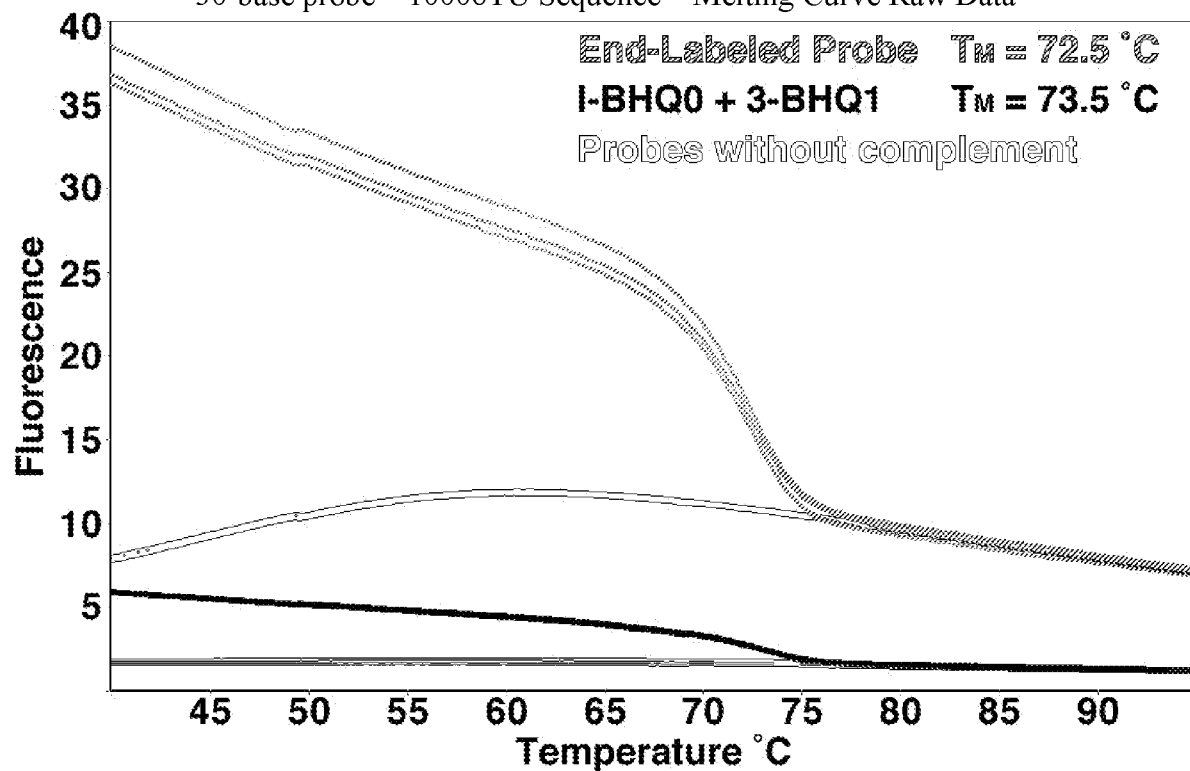


FIG. 11L

30-base probe – 10014TU Sequence – Melting Curve Raw Data