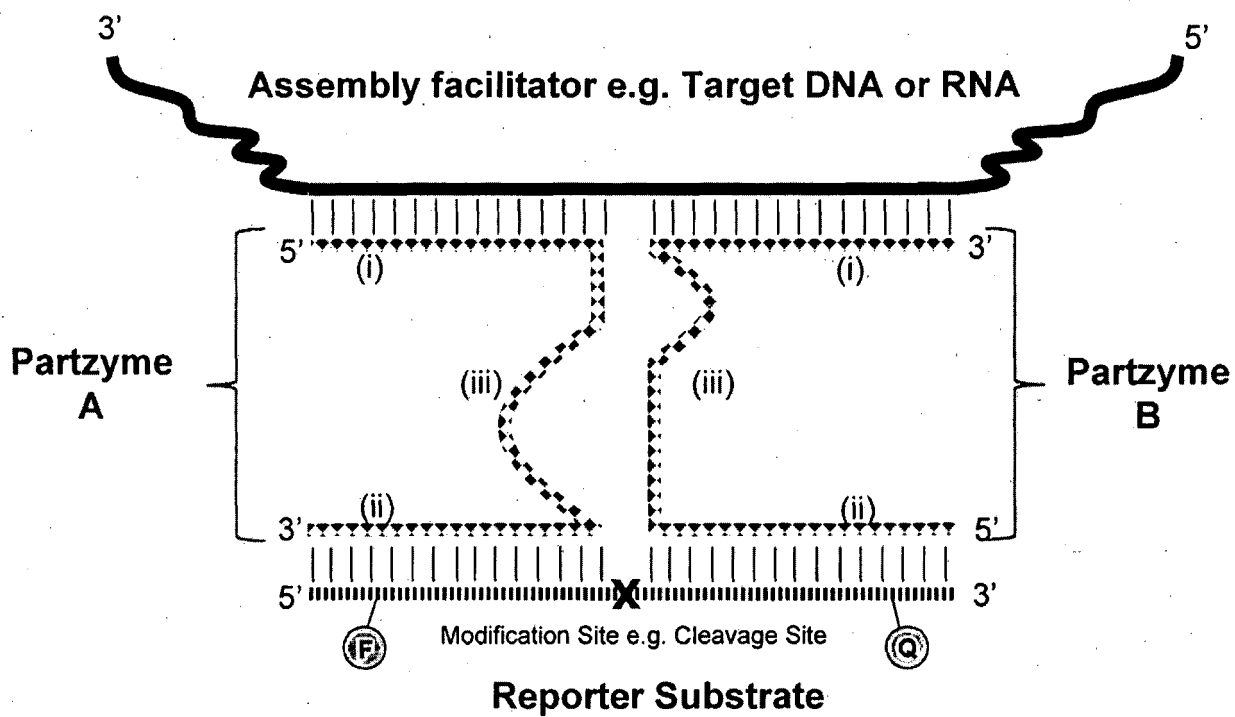


**FIGURE 1**

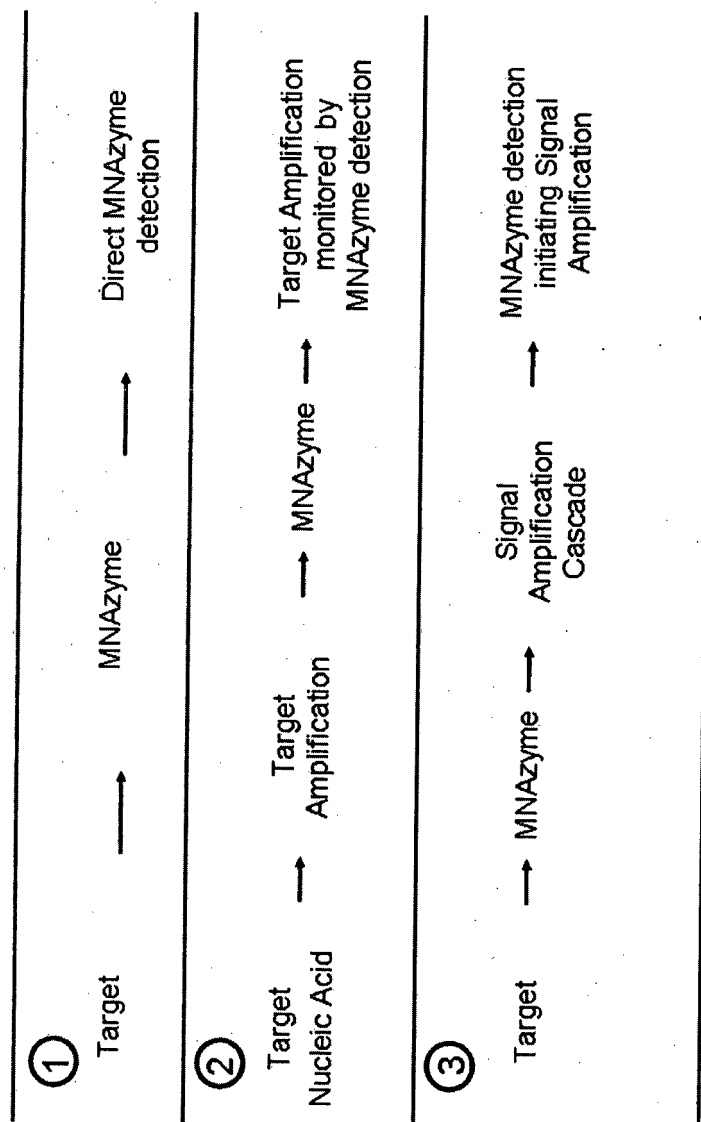


FIGURE 2

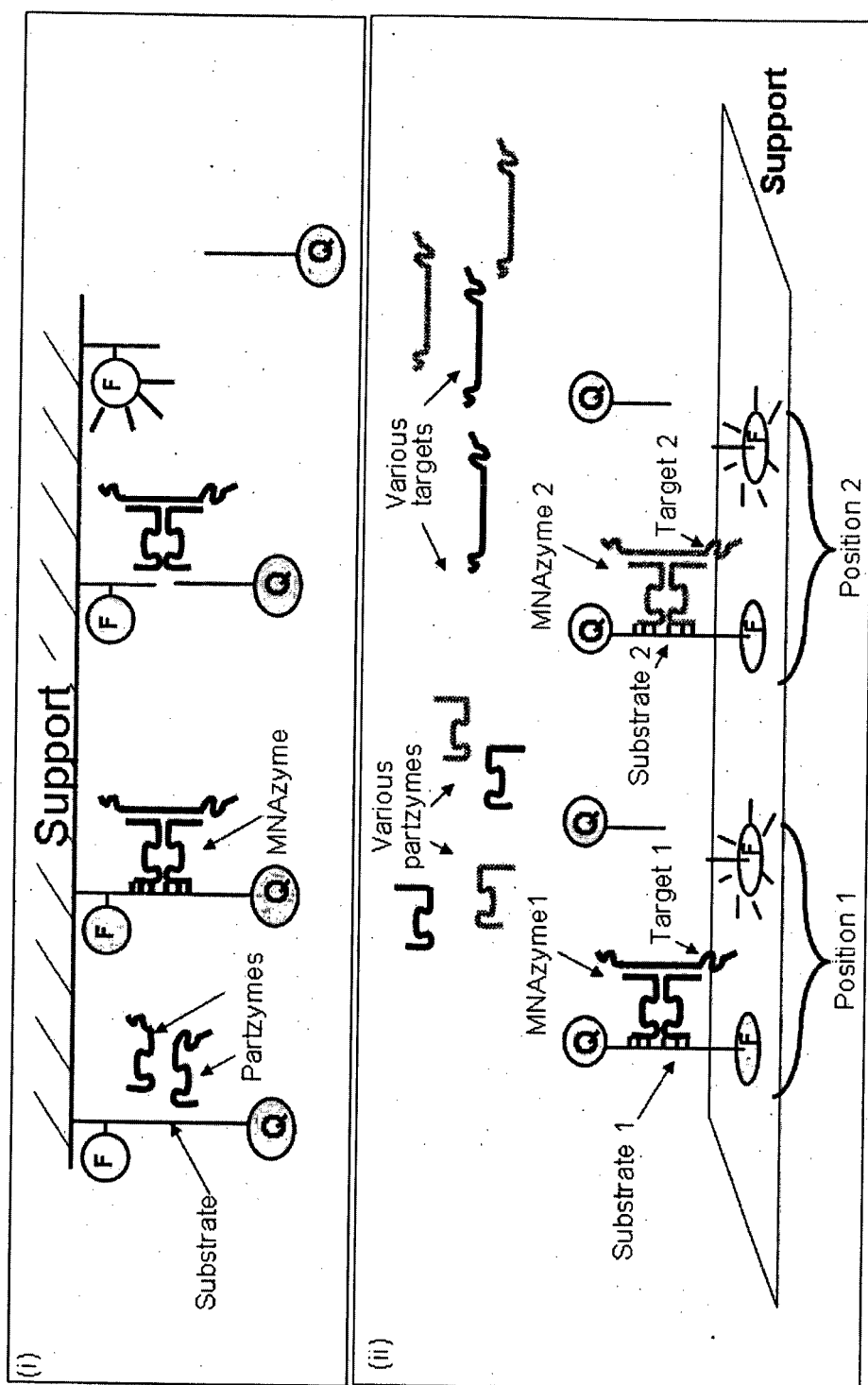


FIGURE 3

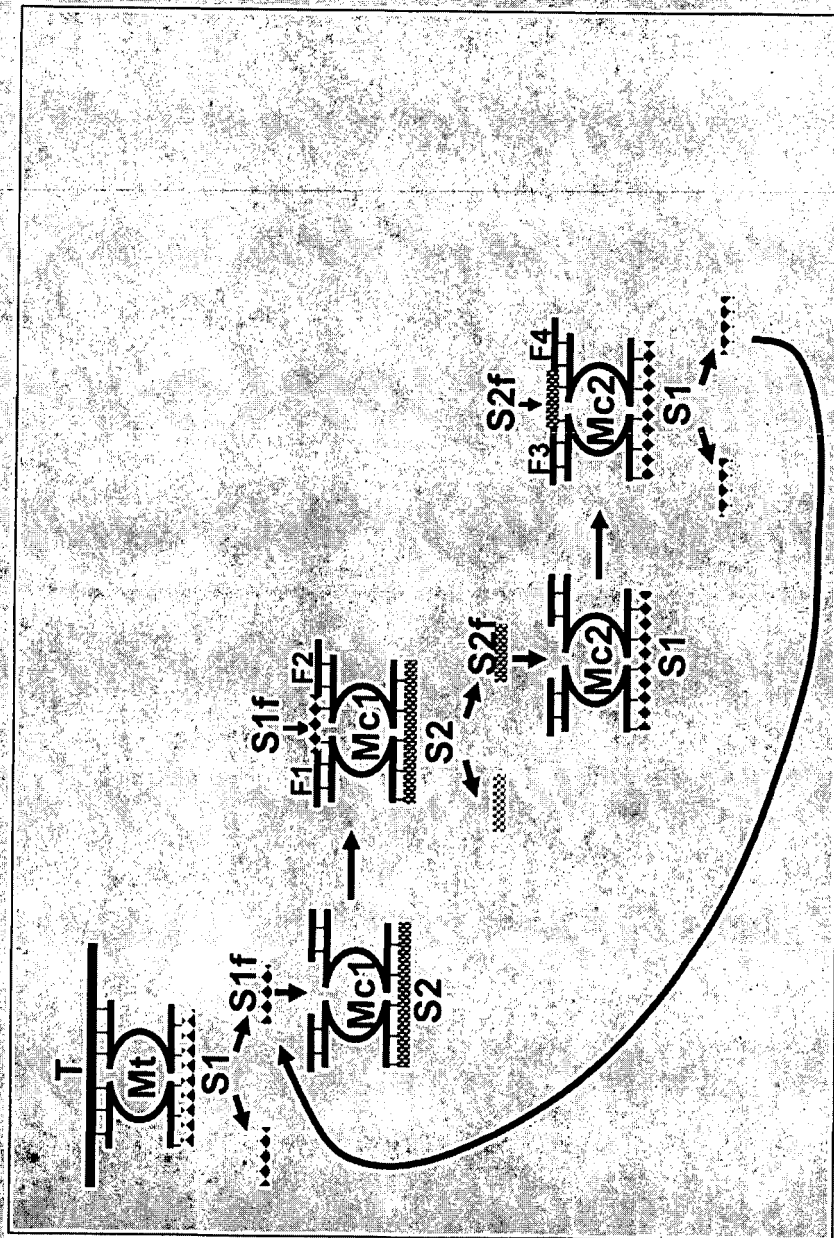


FIGURE 4

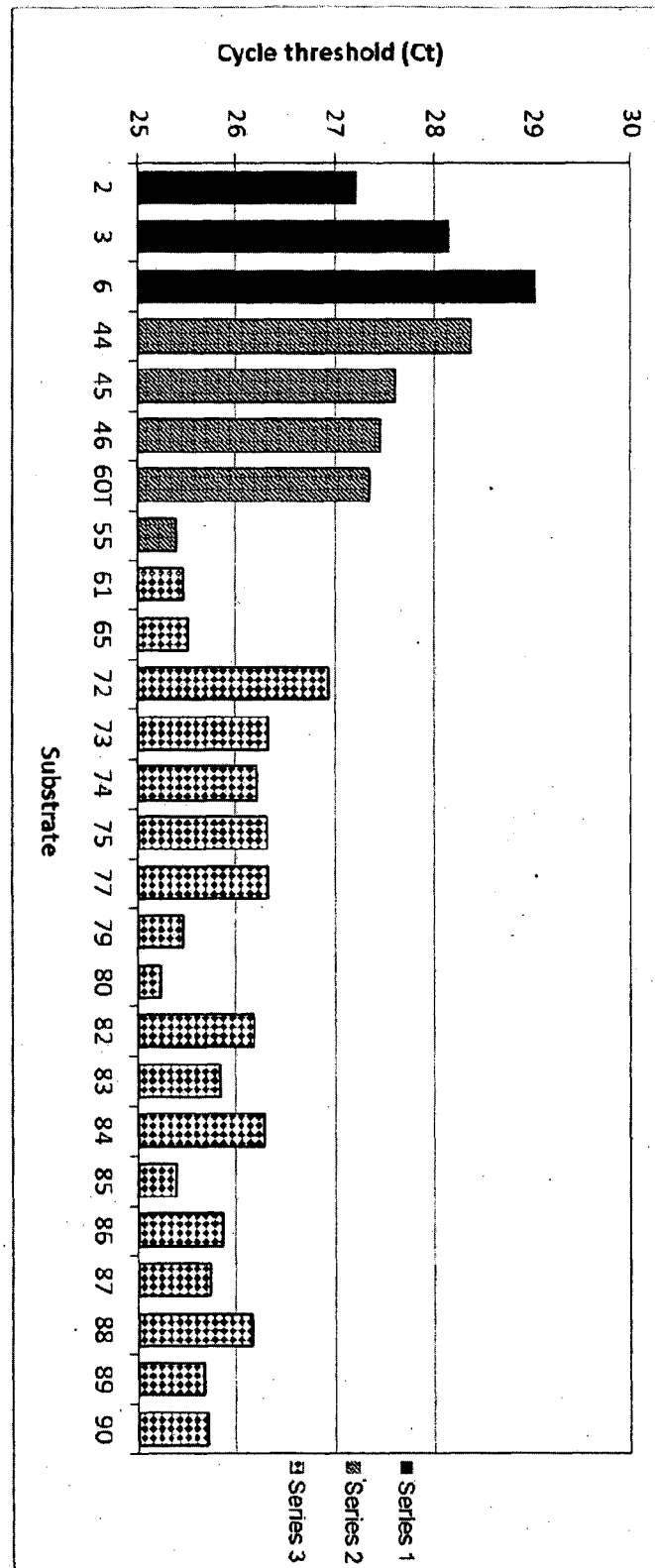


FIGURE 5

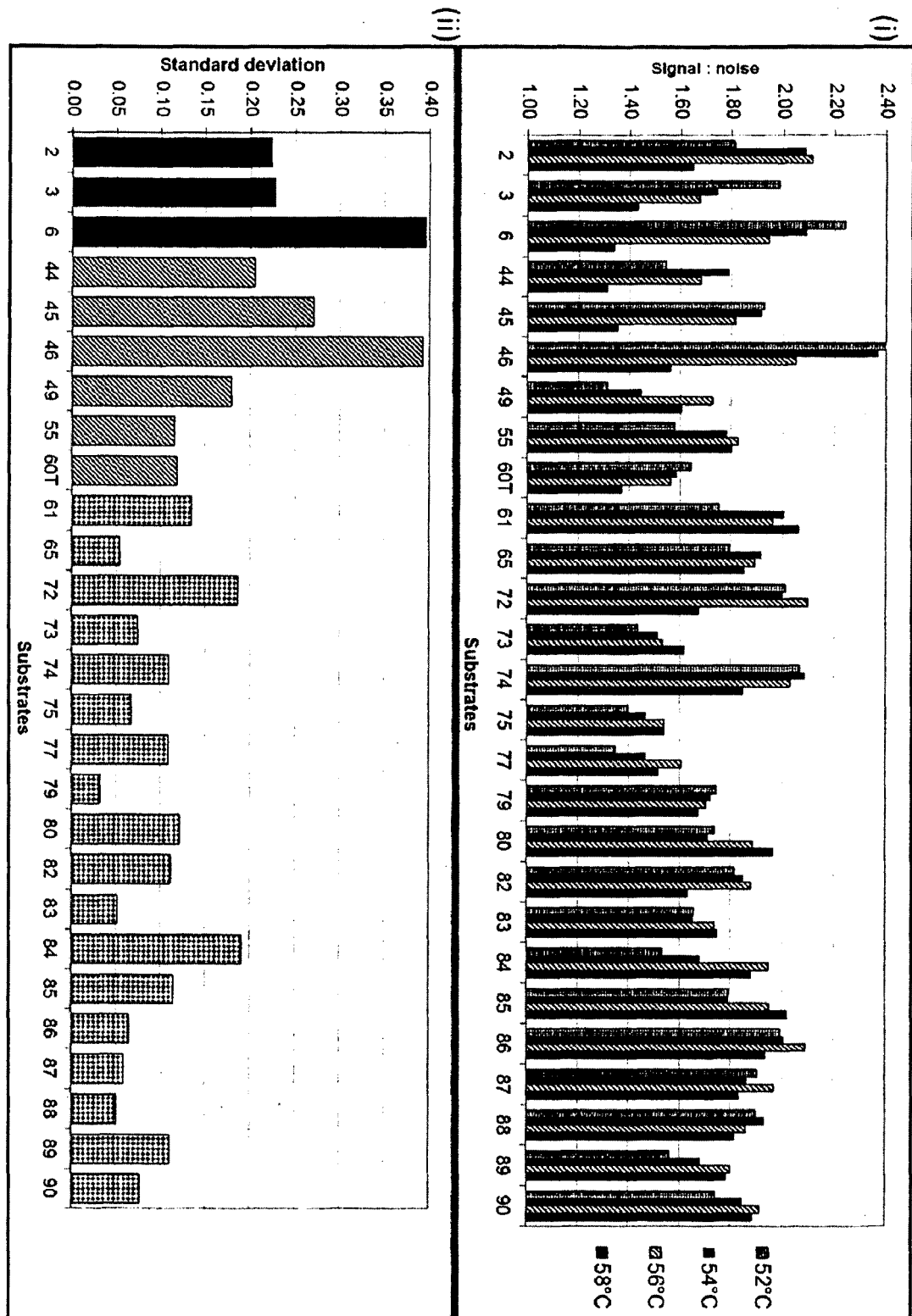


FIGURE 6

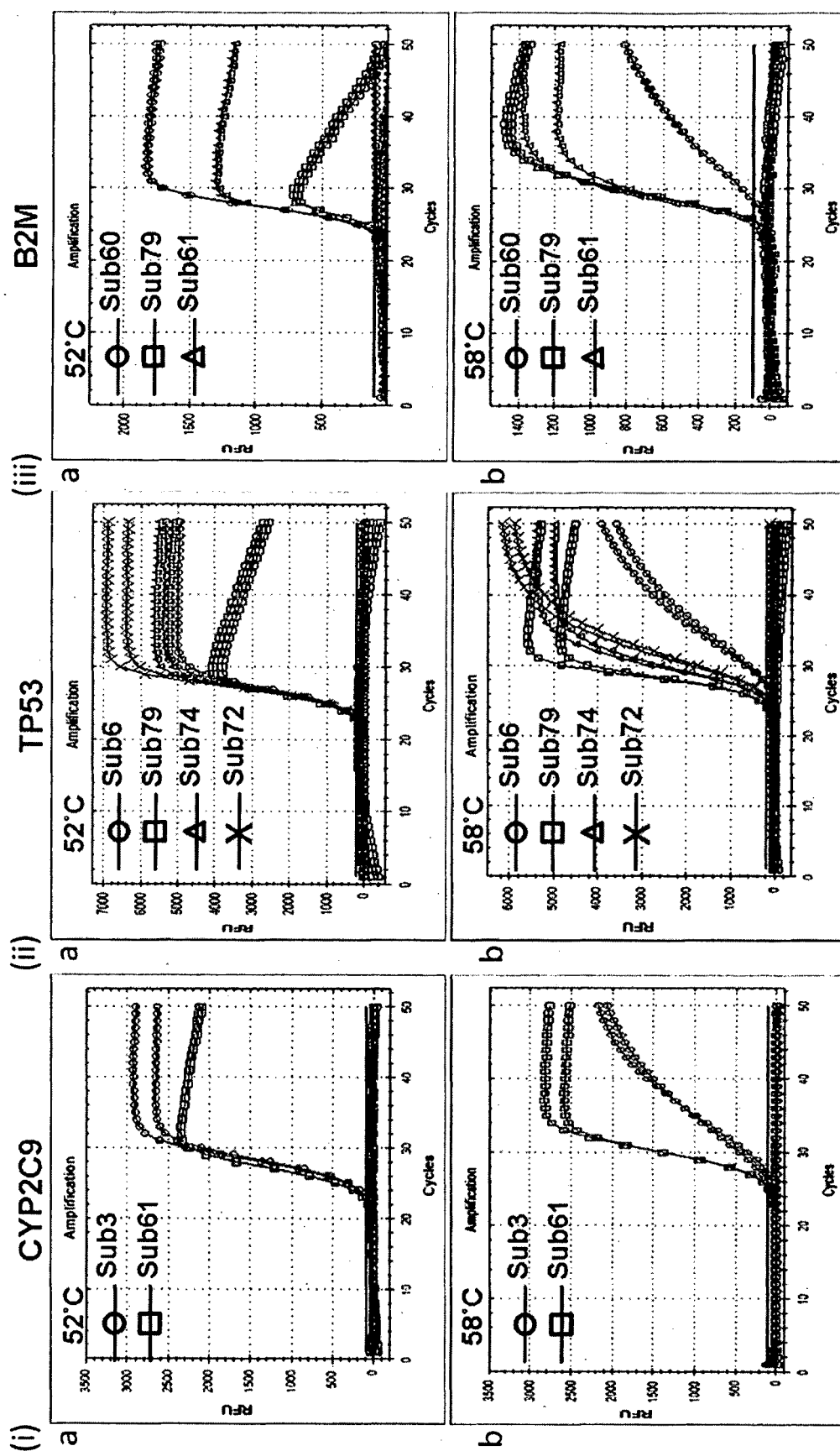


FIGURE 7

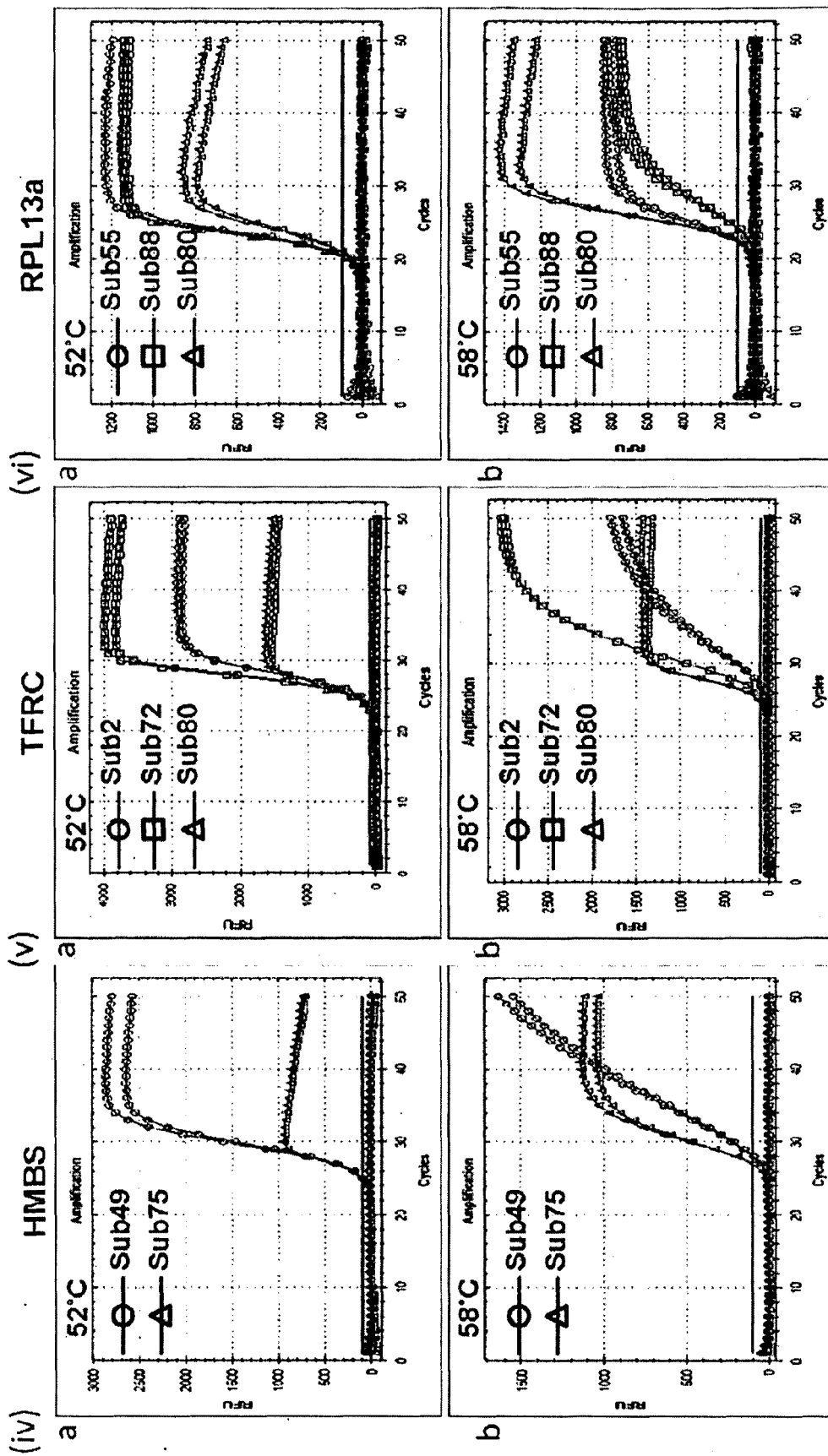


FIGURE 7 (Cont)

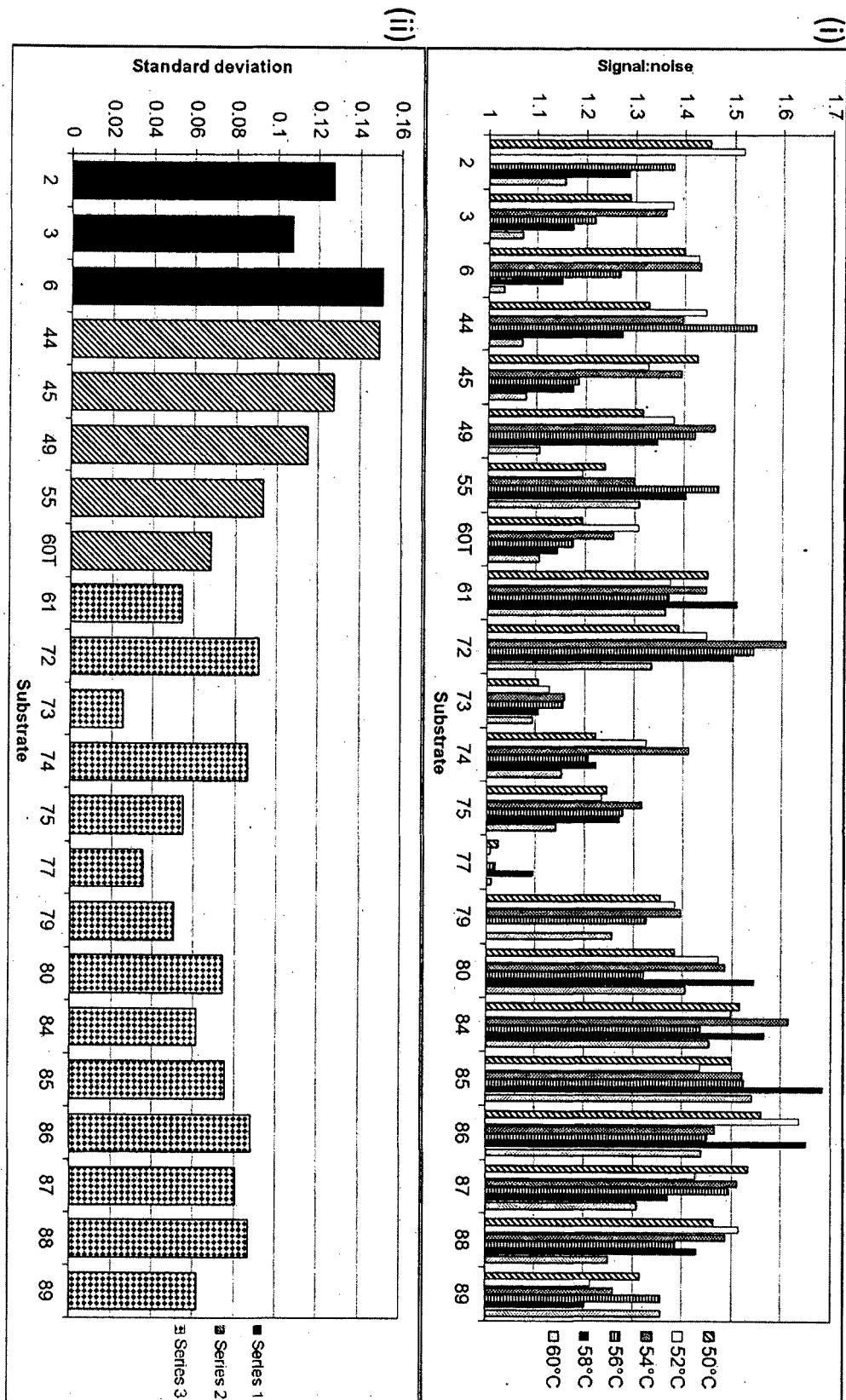


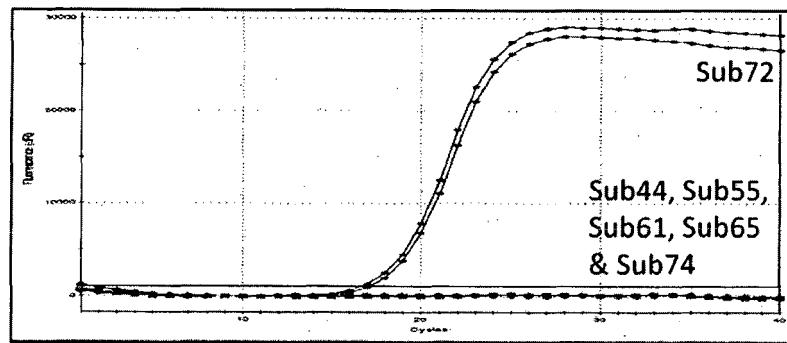
FIGURE 8

(i)

a

Sub44	C A G G T C T C C T C g u C C C T A T A G T G A	SEQ ID NO: 25
Sub55	A C C G C A C C T C g u C C C C A G C T C	SEQ ID NO: 29
Sub61	C T C G A C C C C g u C T C C A C G C C A	SEQ ID NO: 73
Sub65	T C T C G A C C T C g u C T C C A C G C C A	SEQ ID NO: 74
Sub74	A T C A C T C C C C g u C C C T C C C A G	SEQ ID NO: 77
Sub72	A T C A C G C C T C g u C T C C T C C C A G	SEQ ID NO: 75

b



(ii)

a

Sub44	C A G G T C T C C T C g u C C C T A T A G T G A	SEQ ID NO: 25
Sub55	A C C G C A C C T C g u C C C C A G C T C	SEQ ID NO: 29
Sub61	C T C G A C C C C g u C T C C A C G C C A	SEQ ID NO: 73
Sub65	T C T C G A C C T C g u C T C C A C G C C A	SEQ ID NO: 74
Sub72	A T C A C G C C T C g u C T C C T C C C A G	SEQ ID NO: 77
Sub74	A T C A C T C C C C g u C C C C T C C C A G	SEQ ID NO: 75

b

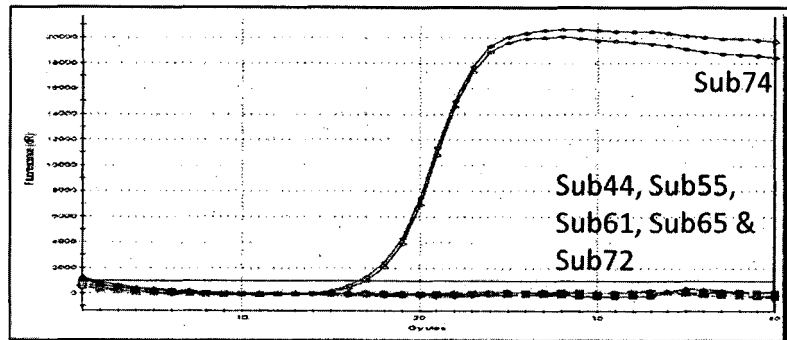


FIGURE 9

(iii)

a

Sub44	<u>C</u> <u>A</u> <u>G</u> <u>G</u> <u>I</u> <u>C</u> <u>T</u> <u>C</u> <u>C</u> <u>T</u> <u>C</u> <u>g</u> <u>u</u> <u>C</u> <u>C</u> <u>C</u> <u>T</u> <u>A</u> <u>T</u> <u>A</u> <u>G</u> <u>T</u> <u>G</u> <u>A</u>
Sub72	<u>A</u> <u>I</u> <u>C</u> <u>A</u> <u>C</u> <u>G</u> <u>C</u> <u>C</u> <u>T</u> <u>C</u> <u>g</u> <u>u</u> <u>C</u> <u>T</u> <u>C</u> <u>C</u> <u>T</u> <u>C</u> <u>C</u> <u>C</u> <u>A</u> <u>G</u>
Sub74	<u>A</u> <u>I</u> <u>C</u> <u>A</u> <u>C</u> <u>T</u> <u>C</u> <u>C</u> <u>C</u> <u>C</u> <u>g</u> <u>u</u> <u>C</u> <u>C</u> <u>C</u> <u>C</u> <u>T</u> <u>C</u> <u>C</u> <u>C</u> <u>A</u> <u>G</u>
Sub61	<u>C</u> <u>T</u> <u>C</u> <u>G</u> <u>A</u> <u>C</u> <u>C</u> <u>C</u> <u>C</u> <u>g</u> <u>u</u> <u>C</u> <u>T</u> <u>C</u> <u>C</u> <u>A</u> <u>C</u> <u>G</u> <u>C</u> <u>C</u> <u>A</u>
Sub65	<u>I</u> <u>C</u> <u>T</u> <u>C</u> <u>G</u> <u>A</u> <u>C</u> <u>C</u> <u>T</u> <u>C</u> <u>g</u> <u>u</u> <u>C</u> <u>T</u> <u>C</u> <u>C</u> <u>A</u> <u>C</u> <u>G</u> <u>C</u> <u>C</u> <u>A</u>
Sub55	<u>A</u> <u>C</u> <u>C</u> <u>G</u> <u>C</u> <u>A</u> <u>C</u> <u>C</u> <u>T</u> <u>C</u> <u>g</u> <u>u</u> <u>C</u> <u>C</u> <u>C</u> <u>C</u> <u>A</u> <u>G</u> <u>C</u> <u>T</u> <u>C</u>

SEQ ID NO: 25

SEQ ID NO: 75

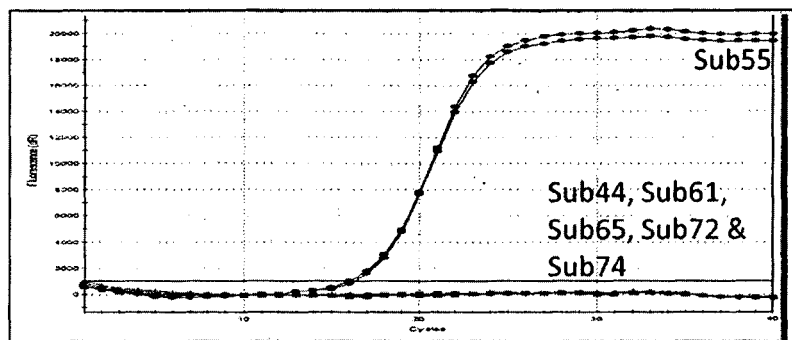
SEQ ID NO: 77

SEQ ID NO: 73

SEQ ID NO: 74

SEQ ID NO: 29

b



(iv)

a

Sub55	<u>A</u> <u>C</u> <u>C</u> <u>G</u> <u>C</u> <u>A</u> <u>C</u> <u>C</u> <u>T</u> <u>C</u> <u>g</u> <u>u</u> <u>C</u> <u>C</u> <u>C</u> <u>C</u> <u>A</u> <u>G</u> <u>C</u> <u>T</u> <u>C</u>
Sub61	<u>C</u> <u>T</u> <u>C</u> <u>G</u> <u>A</u> <u>C</u> <u>C</u> <u>C</u> <u>C</u> <u>g</u> <u>u</u> <u>C</u> <u>T</u> <u>C</u> <u>C</u> <u>A</u> <u>C</u> <u>G</u> <u>C</u> <u>C</u> <u>A</u>
Sub65	<u>I</u> <u>C</u> <u>T</u> <u>C</u> <u>G</u> <u>A</u> <u>C</u> <u>C</u> <u>T</u> <u>C</u> <u>g</u> <u>u</u> <u>C</u> <u>T</u> <u>C</u> <u>C</u> <u>A</u> <u>C</u> <u>G</u> <u>C</u> <u>C</u> <u>A</u>
Sub72	<u>A</u> <u>I</u> <u>C</u> <u>A</u> <u>C</u> <u>G</u> <u>C</u> <u>C</u> <u>T</u> <u>C</u> <u>g</u> <u>u</u> <u>C</u> <u>T</u> <u>C</u> <u>C</u> <u>T</u> <u>C</u> <u>C</u> <u>C</u> <u>A</u> <u>G</u>
Sub74	<u>A</u> <u>I</u> <u>C</u> <u>A</u> <u>C</u> <u>T</u> <u>C</u> <u>C</u> <u>C</u> <u>C</u> <u>g</u> <u>u</u> <u>C</u> <u>C</u> <u>C</u> <u>C</u> <u>T</u> <u>C</u> <u>C</u> <u>C</u> <u>A</u> <u>G</u>
Sub44	<u>C</u> <u>A</u> <u>G</u> <u>G</u> <u>T</u> <u>C</u> <u>T</u> <u>C</u> <u>C</u> <u>T</u> <u>C</u> <u>g</u> <u>u</u> <u>C</u> <u>C</u> <u>C</u> <u>T</u> <u>A</u> <u>T</u> <u>A</u> <u>G</u> <u>T</u> <u>G</u> <u>A</u>

SEQ ID NO: 29

SEQ ID NO: 73

SEQ ID NO: 74

SEQ ID NO: 75

SEQ ID NO: 77

SEQ ID NO: 75

b

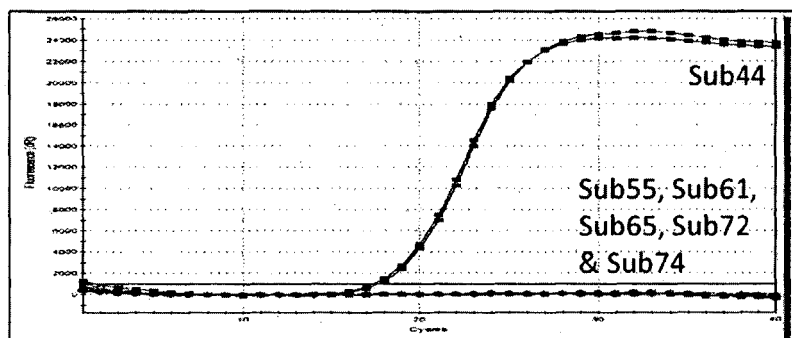


FIGURE 9 (Cont)

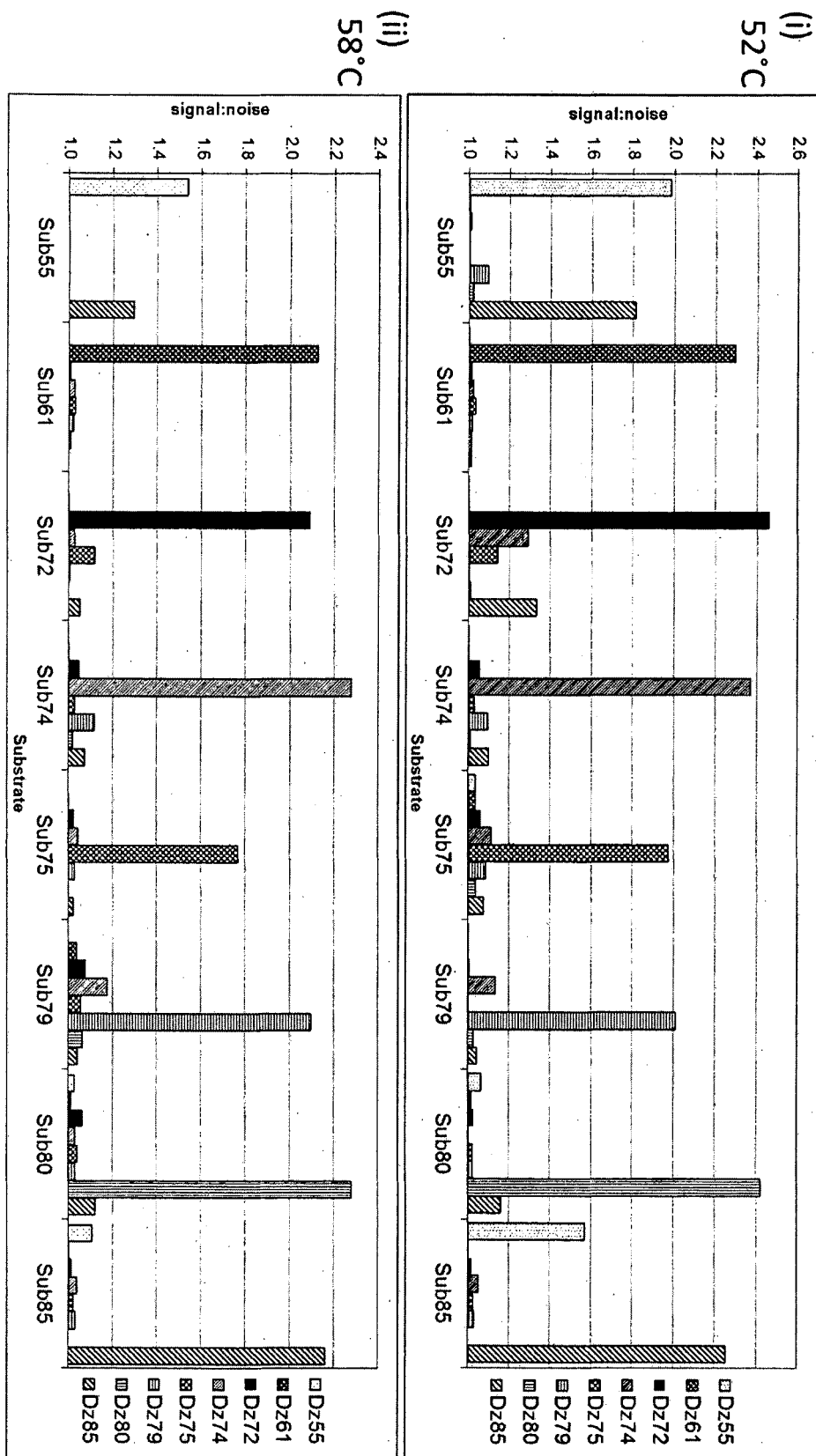


FIGURE 10

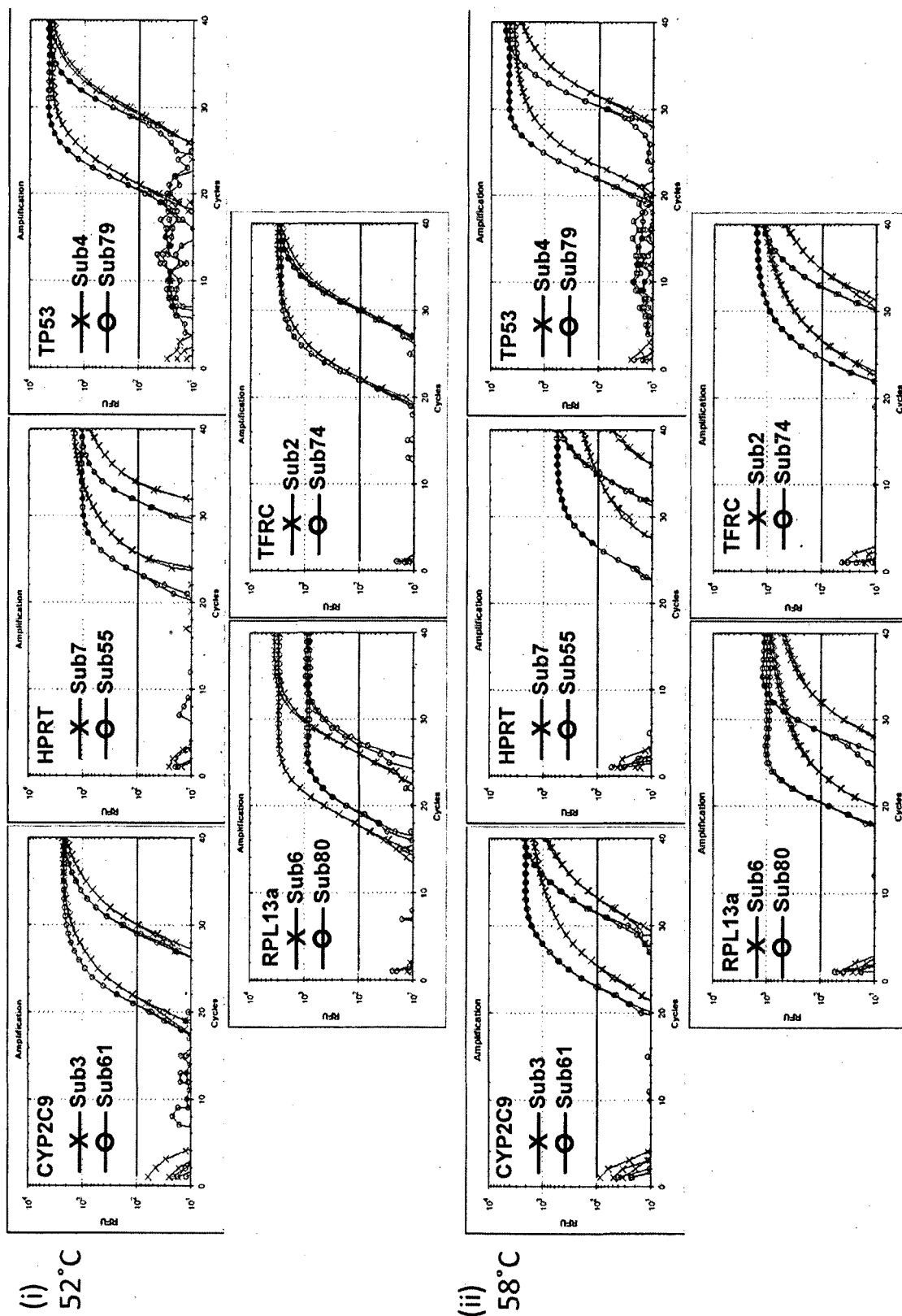


FIGURE 11