

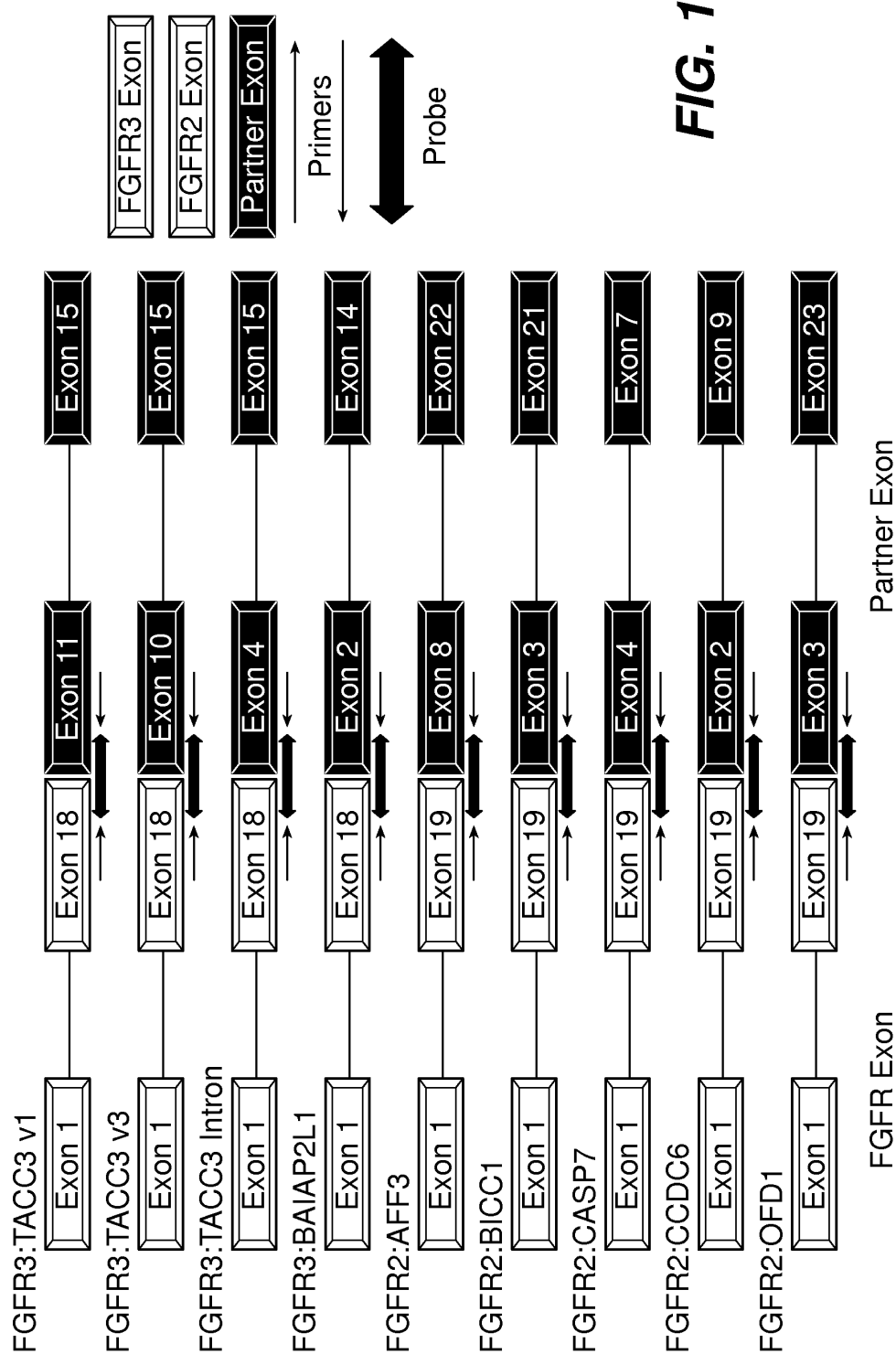
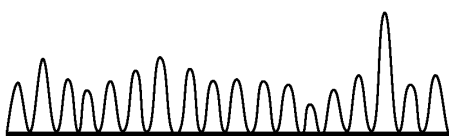


**FIG. 2A**

FGFR3:TACC3 V1

Sample CNT14Y3

205-002\_r1\_R\_B01\_1 Fragment bases W35-38  
TCCACCGACGTAAAGGCG  
TCCACCGACGTAAAGGCG

**FIG. 2B**

FGFR3:TACC3 V3

Sample CNT0RET

TACCG TG ACGTCCACCGA  
TACCG TG ACGTCCACCGA

**FIG. 2C**

FGFR3:TACC3 Intron

Sample RT4

GCC T TCTGGCC CAGGTGC  
GCC T TCTGGCC CAGGTGC

**FIG. 2D**

FGFR3:BAIAP2L1

Sample CNTORFE

TCCACCG ACAATGTTATG  
TCCACCG ACAATGTTATG

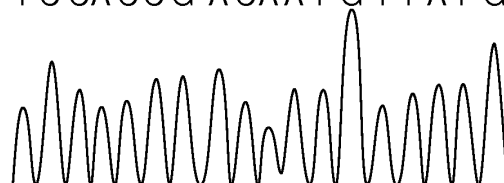


**FIG. 2E**

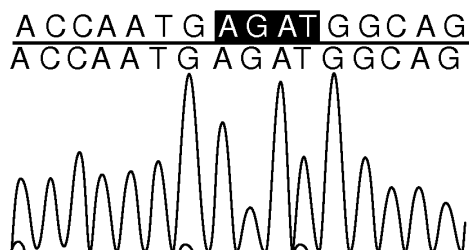
FGFR2:AFF3  
Sample CNT14QE

**FIG. 2F**

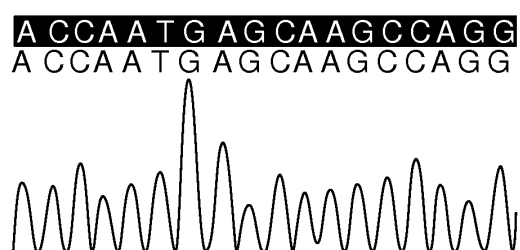
FGFR2:BICC1  
Sample CNT0RLV

**FIG. 2G**

FGFR2:CASP7  
Sample CNT06FT

**FIG. 2H**

FGFR2:CCDC6  
Sample CNT06FT



4/32

**FIG. 2I**

FGFR2:OFD1

Sample Lu1656

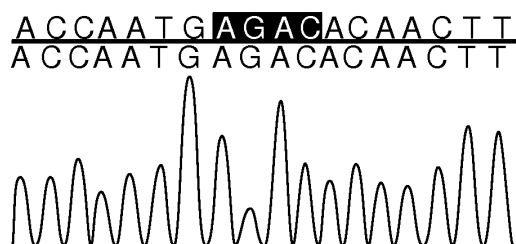


FIG. 3

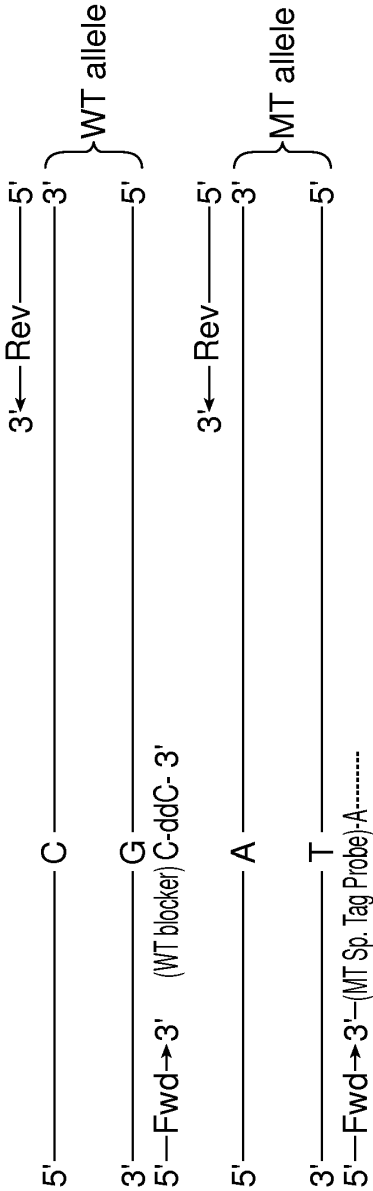


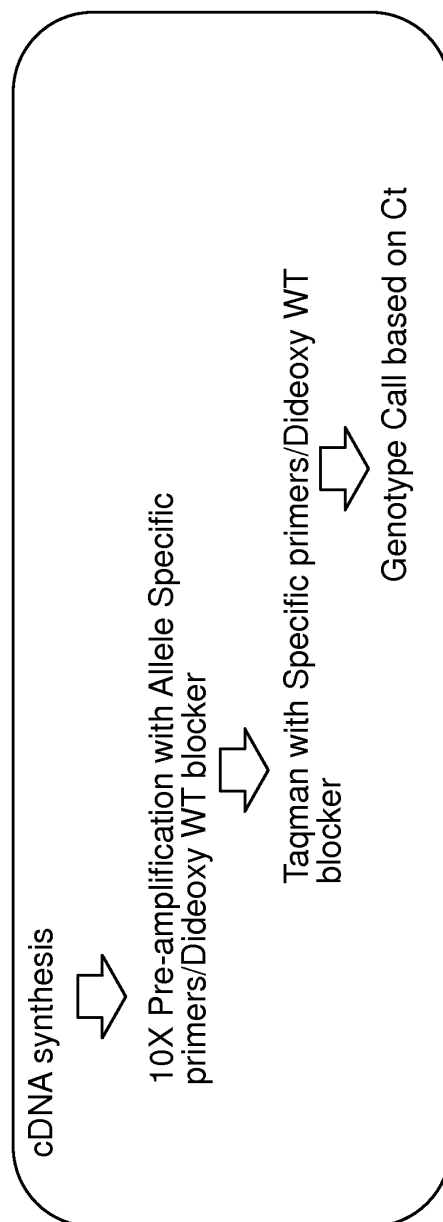
**FIG. 4**

**FIG. 5A**

Amplification Plot

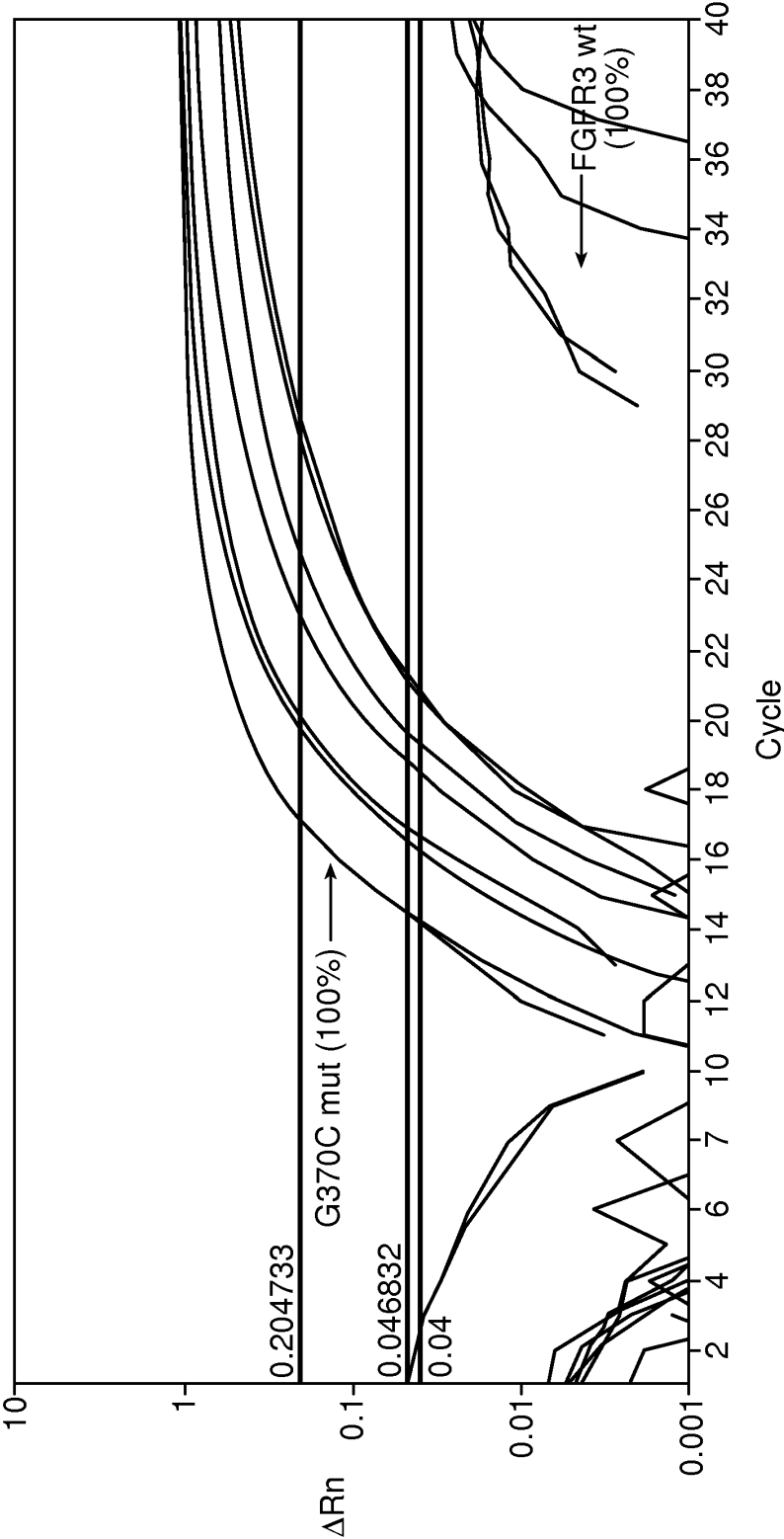


**FIG. 5B**

Amplification Plot

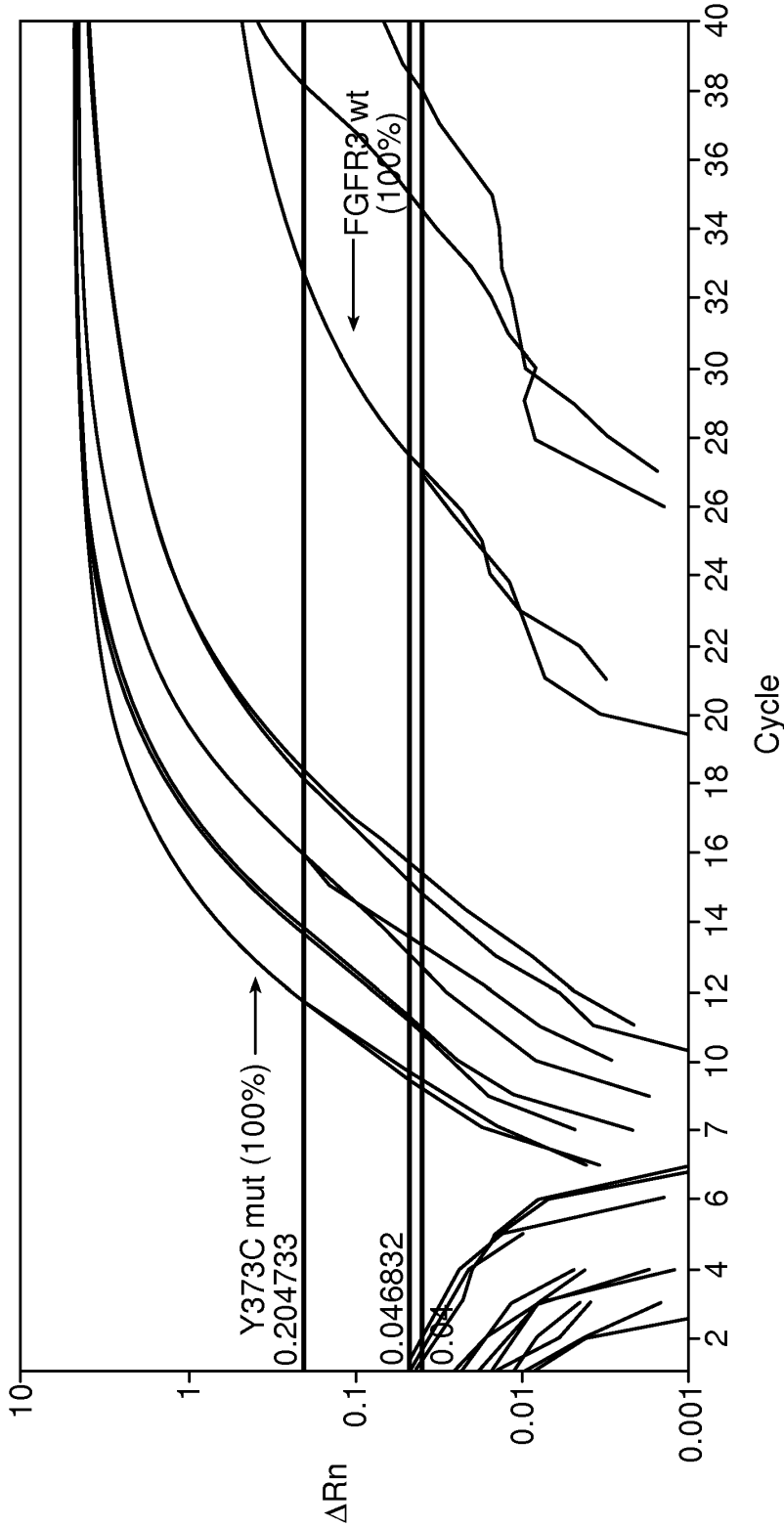


**FIG. 5C**

Amplification Plot

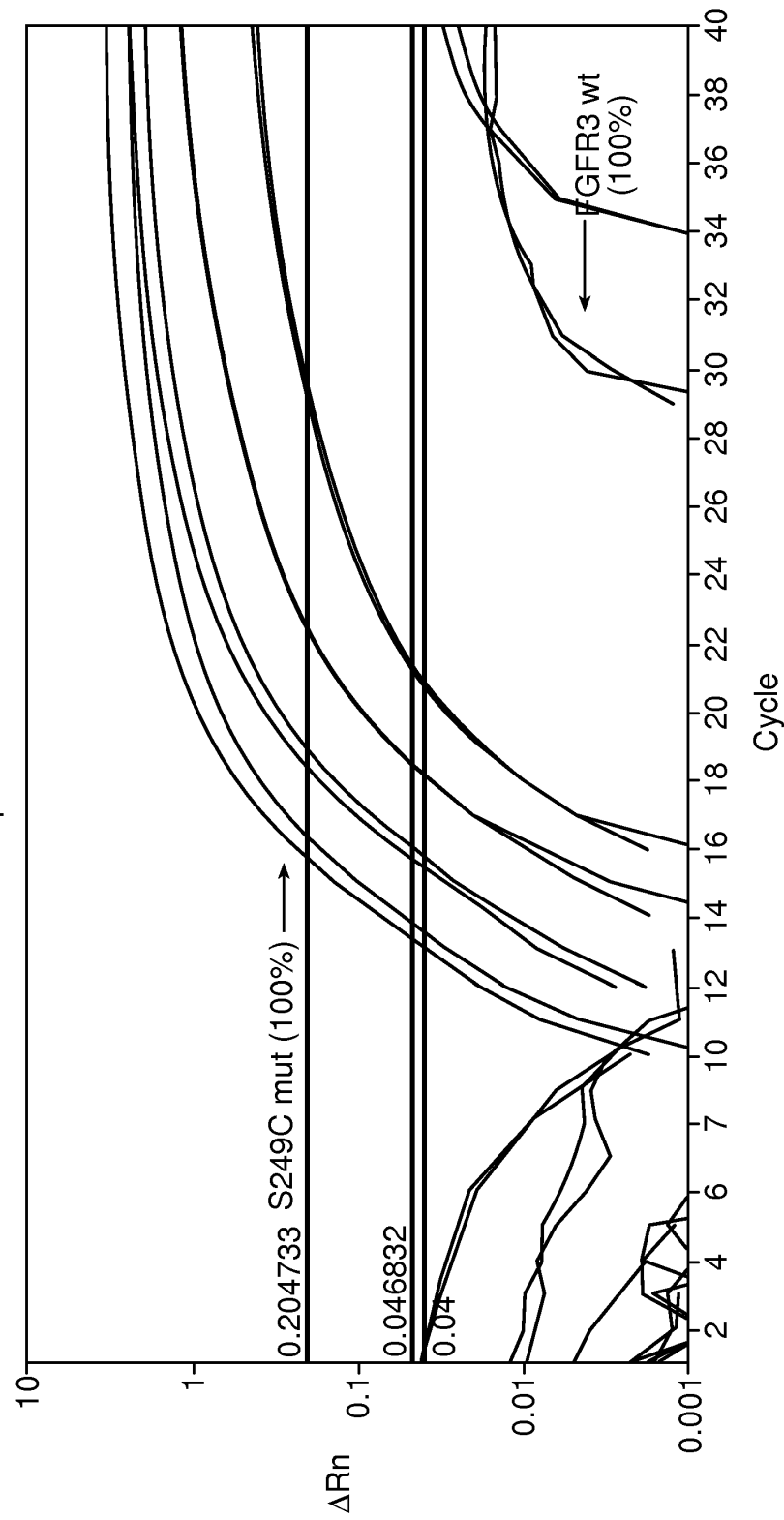


**FIG. 5D**

Amplification Plot

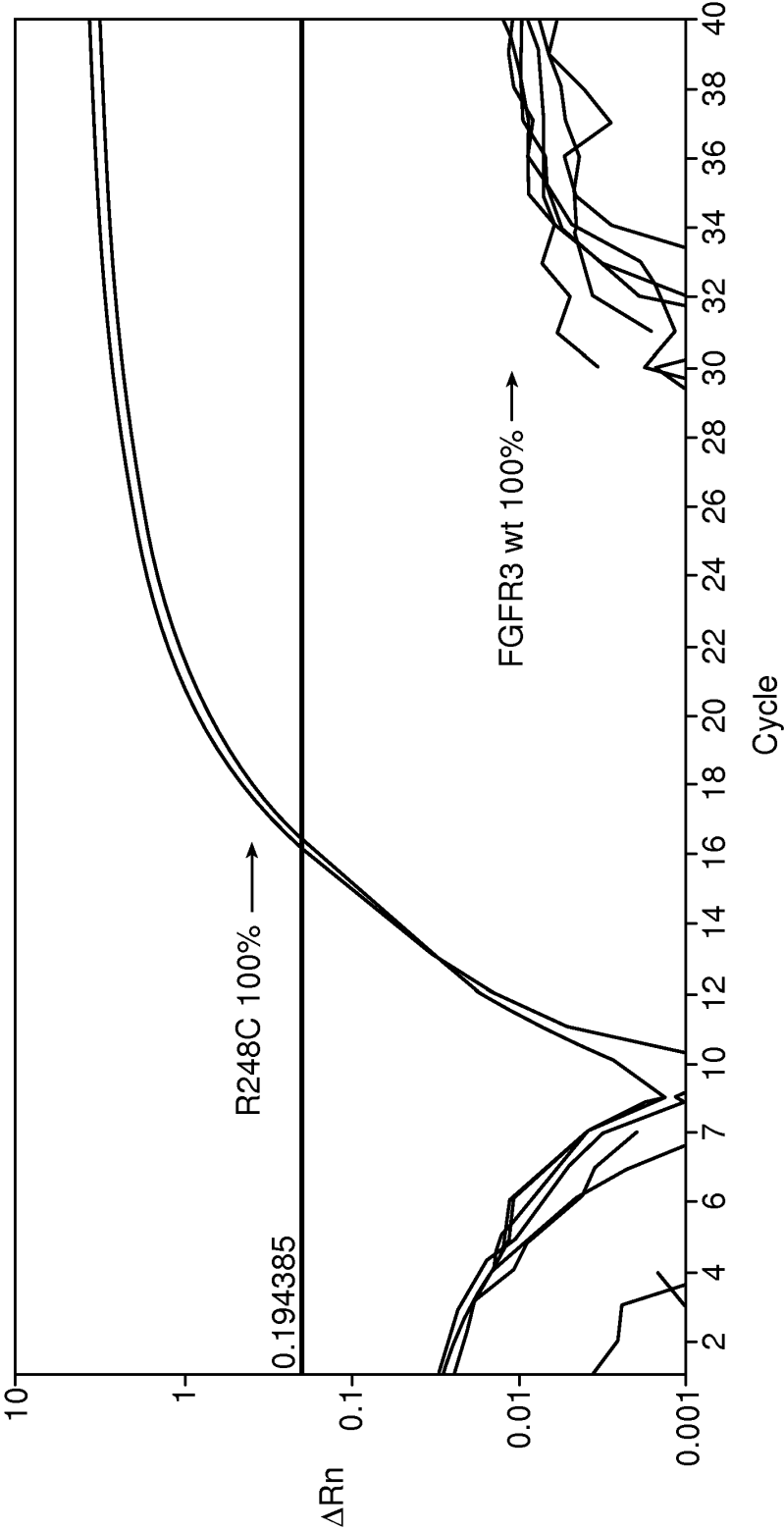


**FIG. 6A**

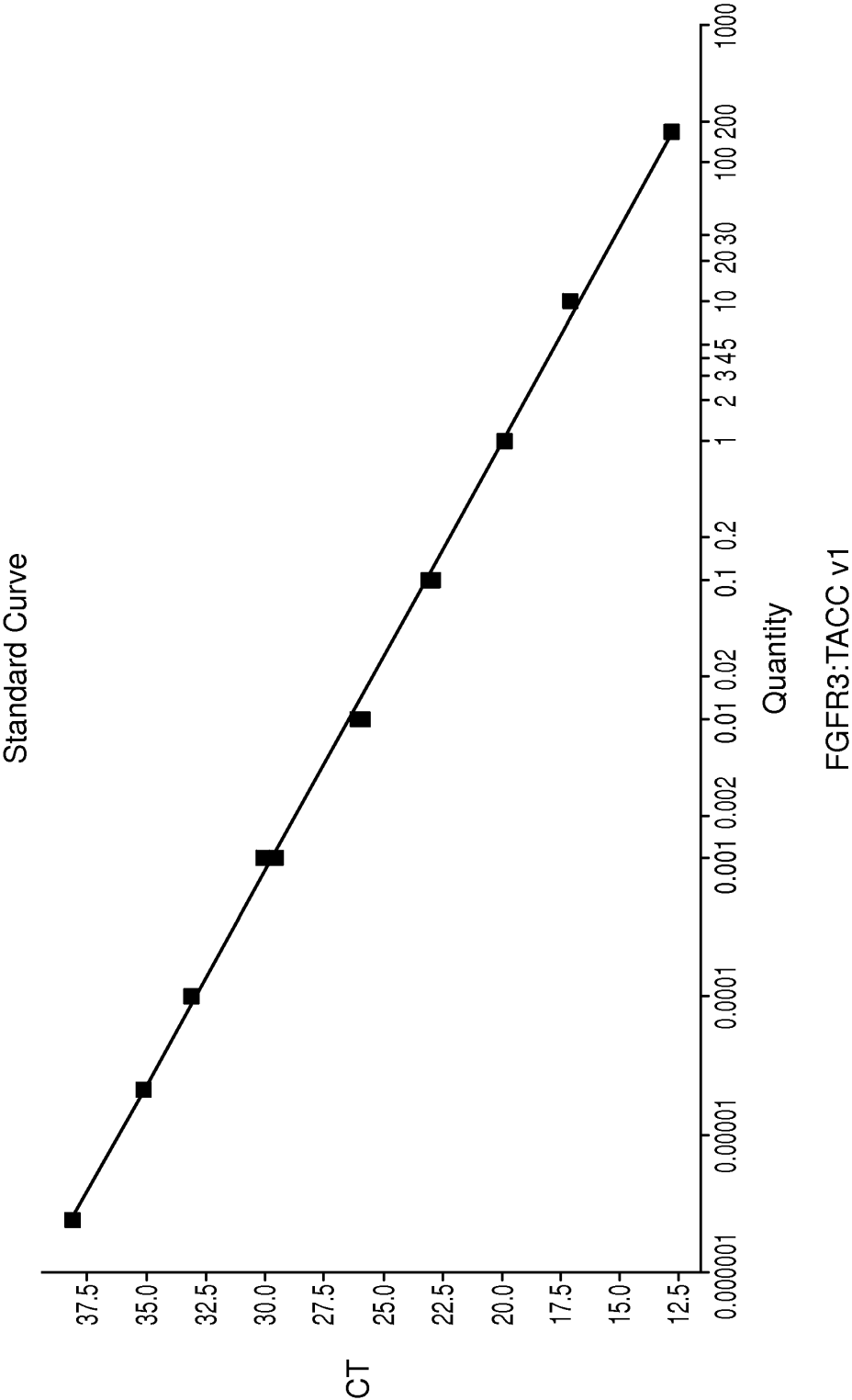


FIG. 6B

Standard Curve

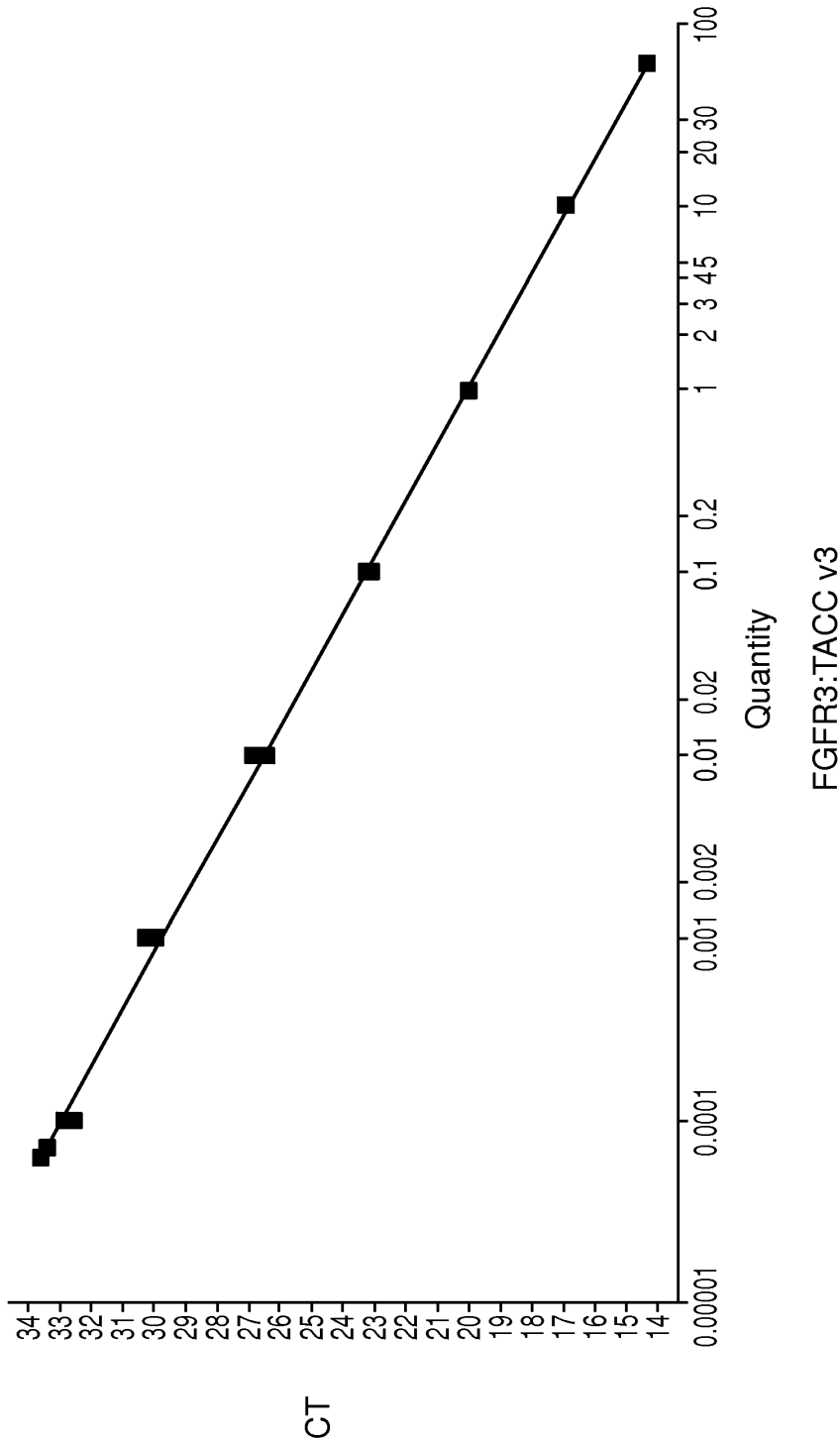


**FIG. 6C**

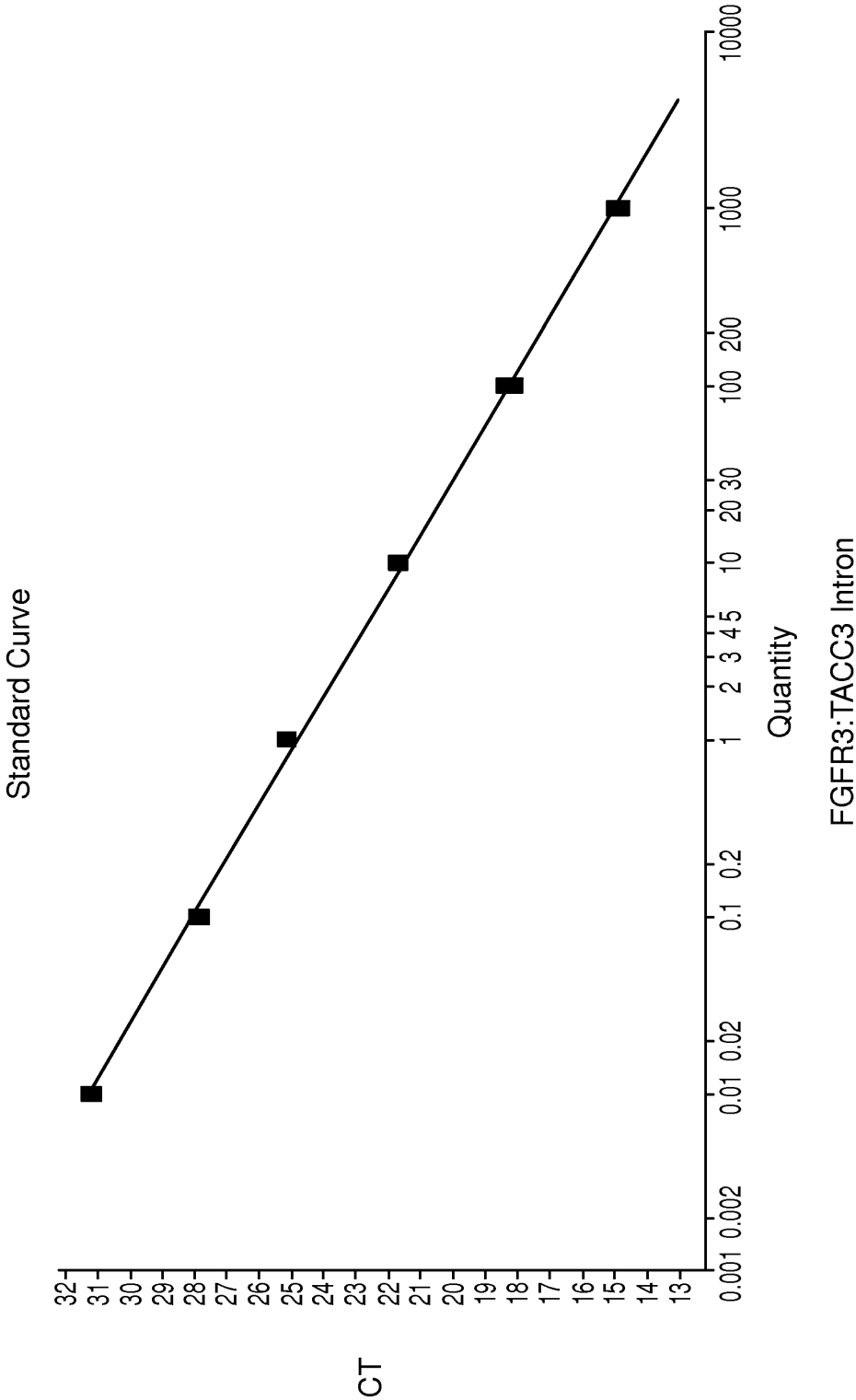


**FIG. 6D**

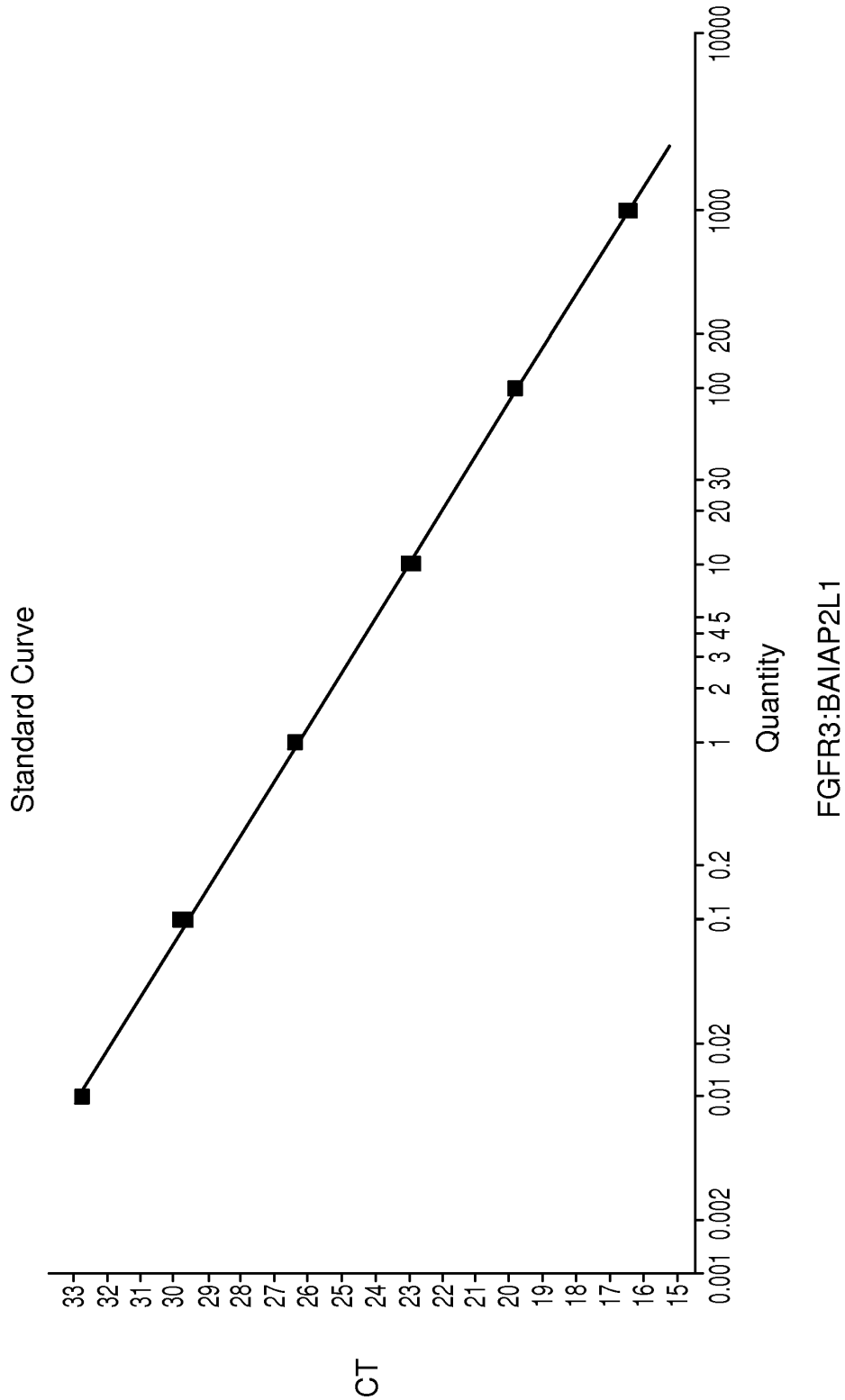


**FIG. 6E**

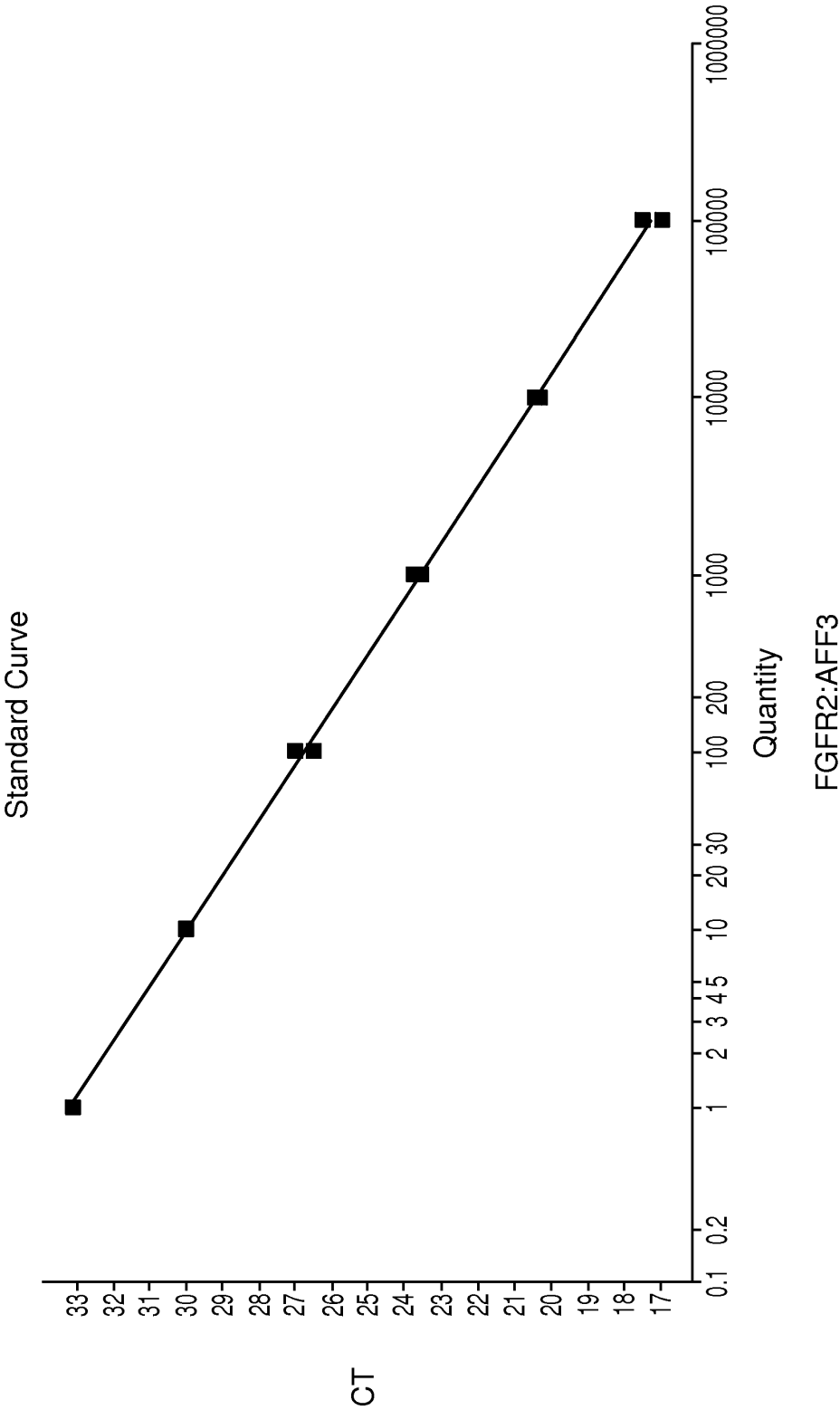
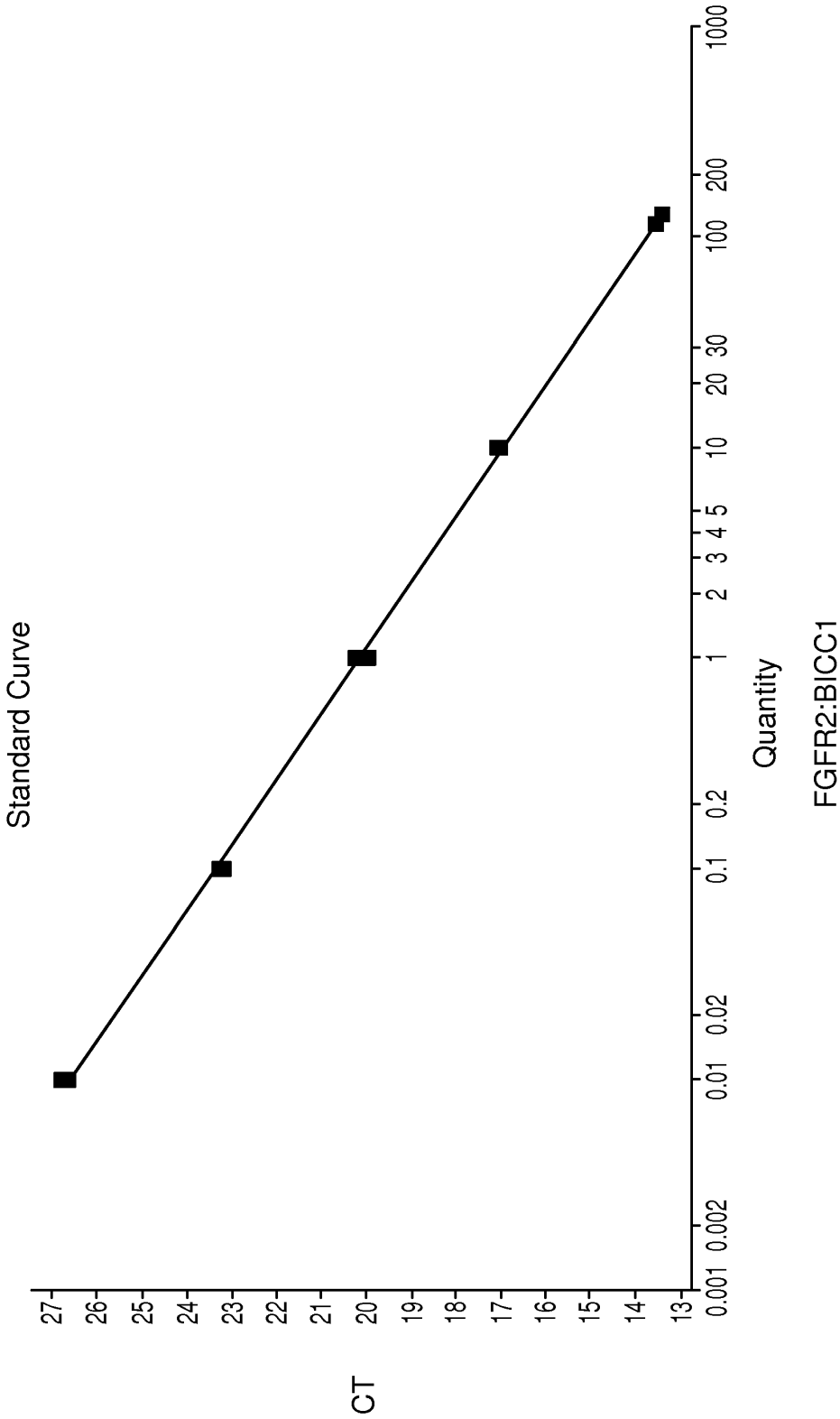


**FIG. 6F**



17/32

**FIG. 6G**

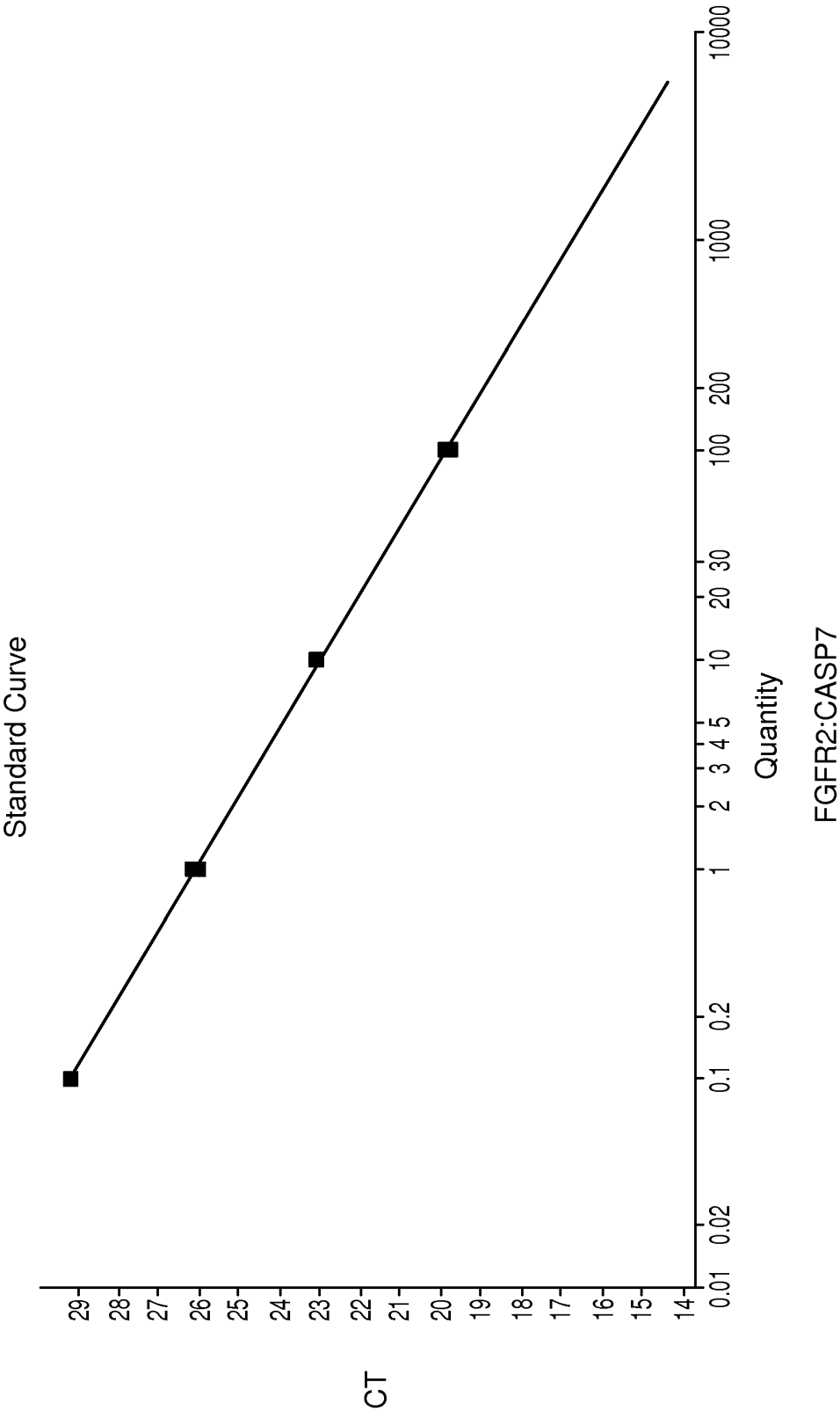


FIG. 6H

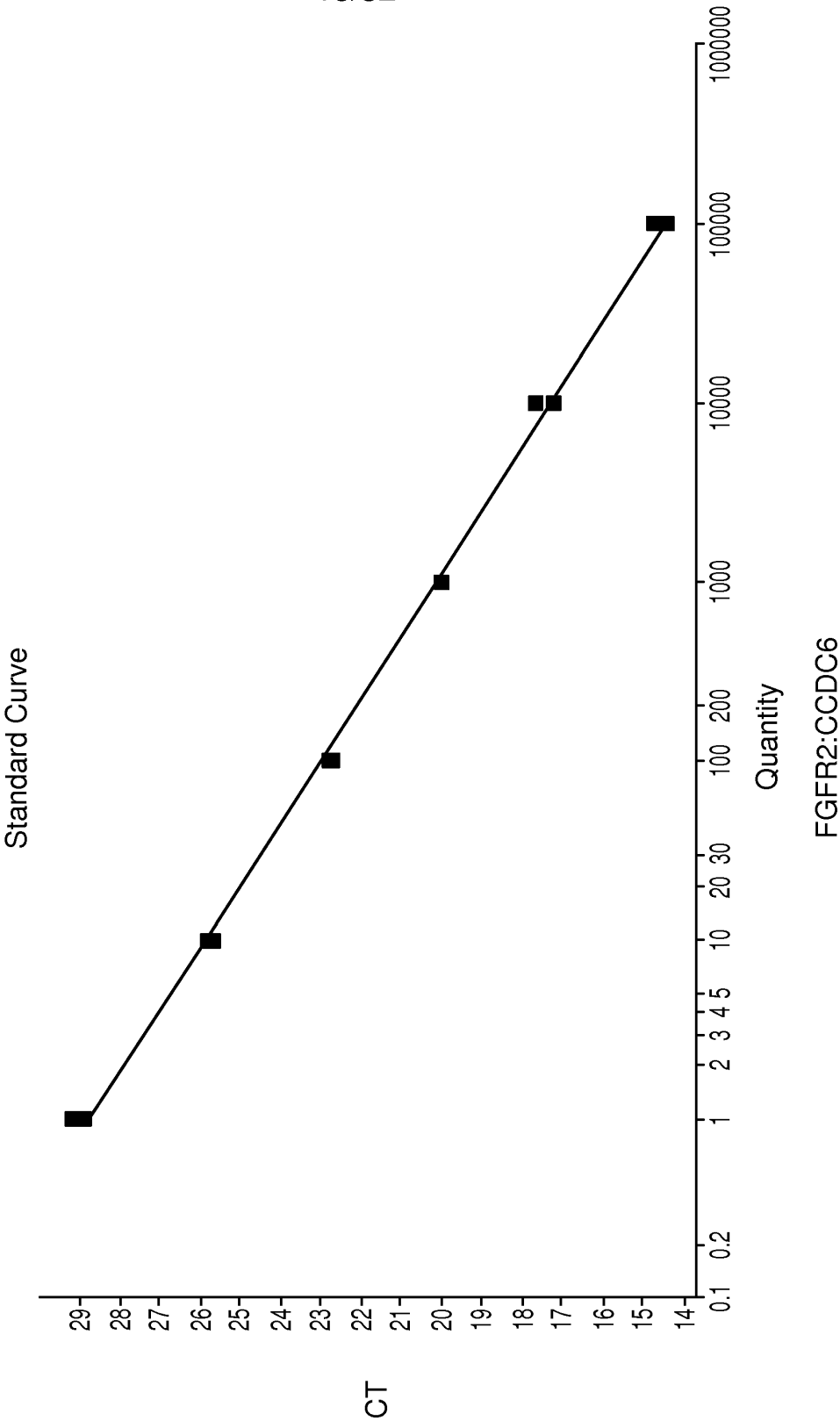
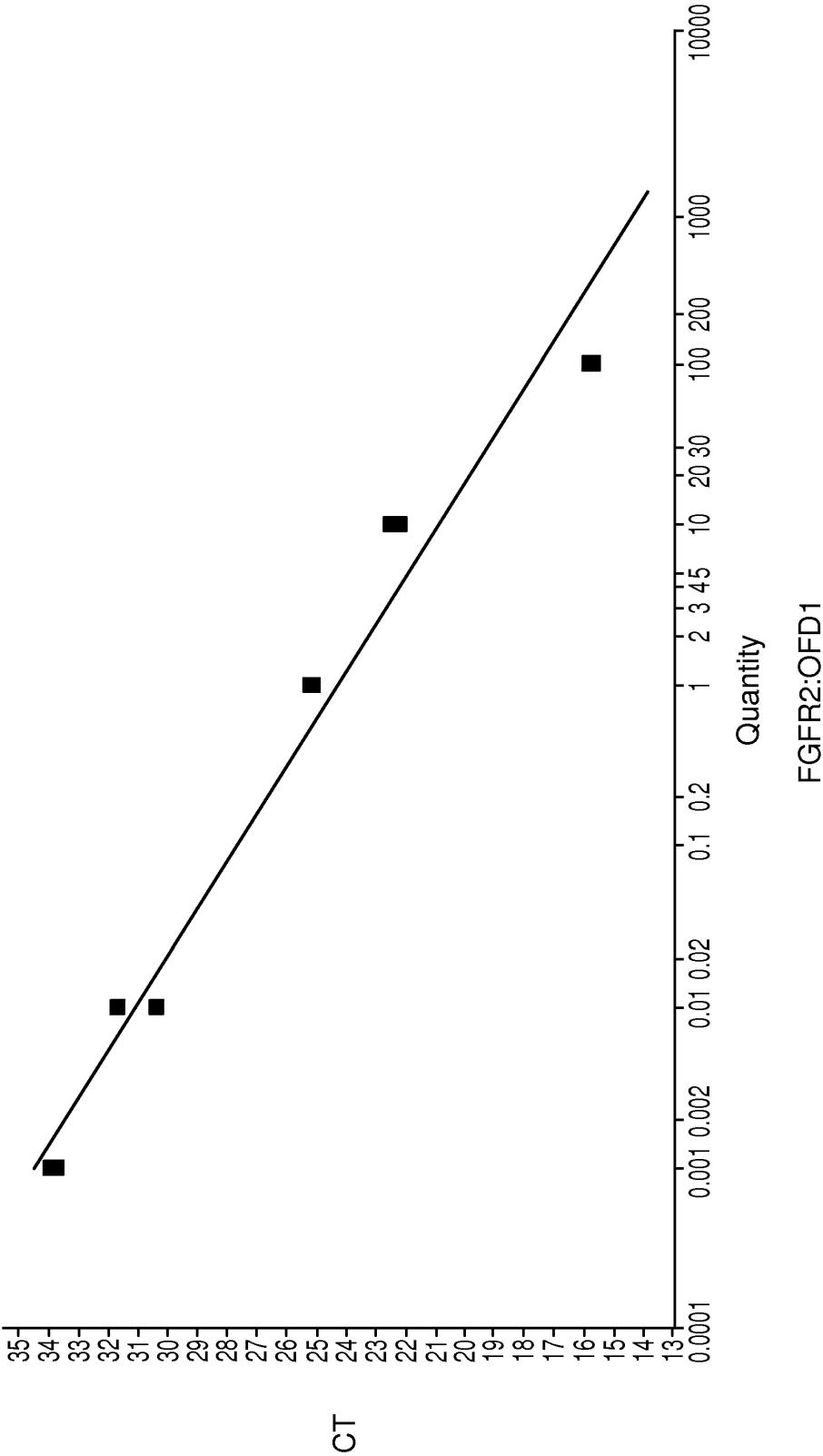
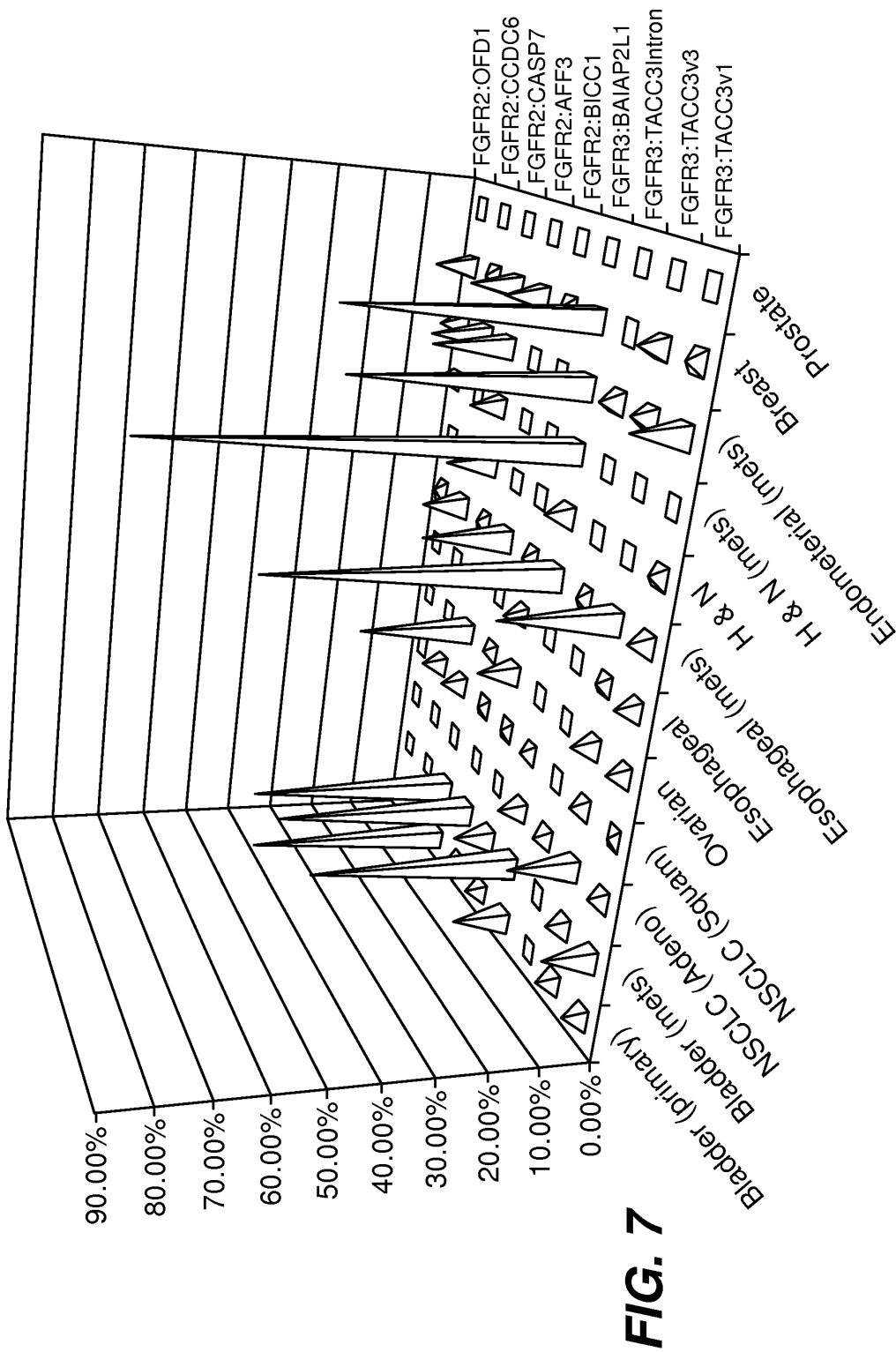
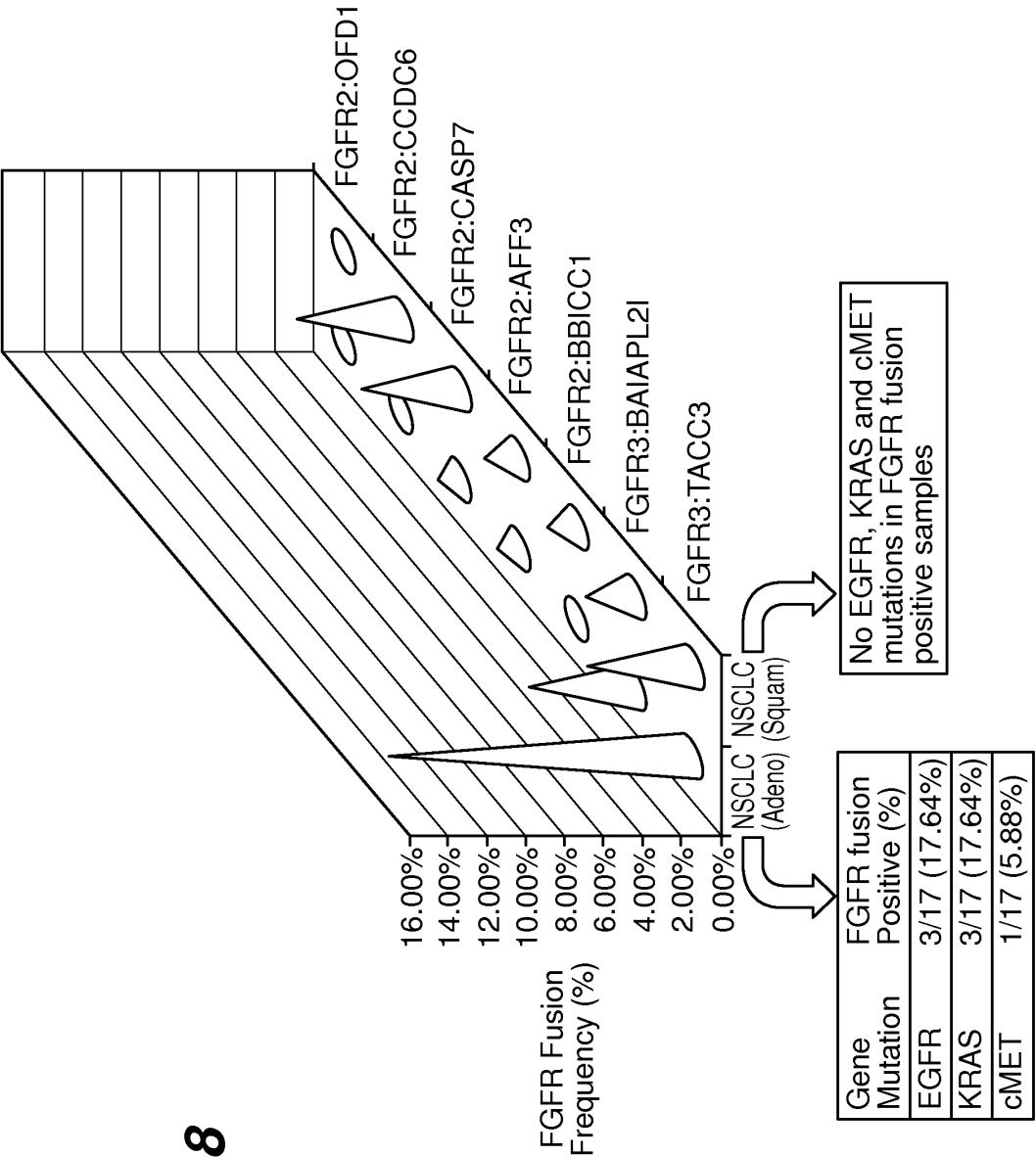


**FIG. 6I**

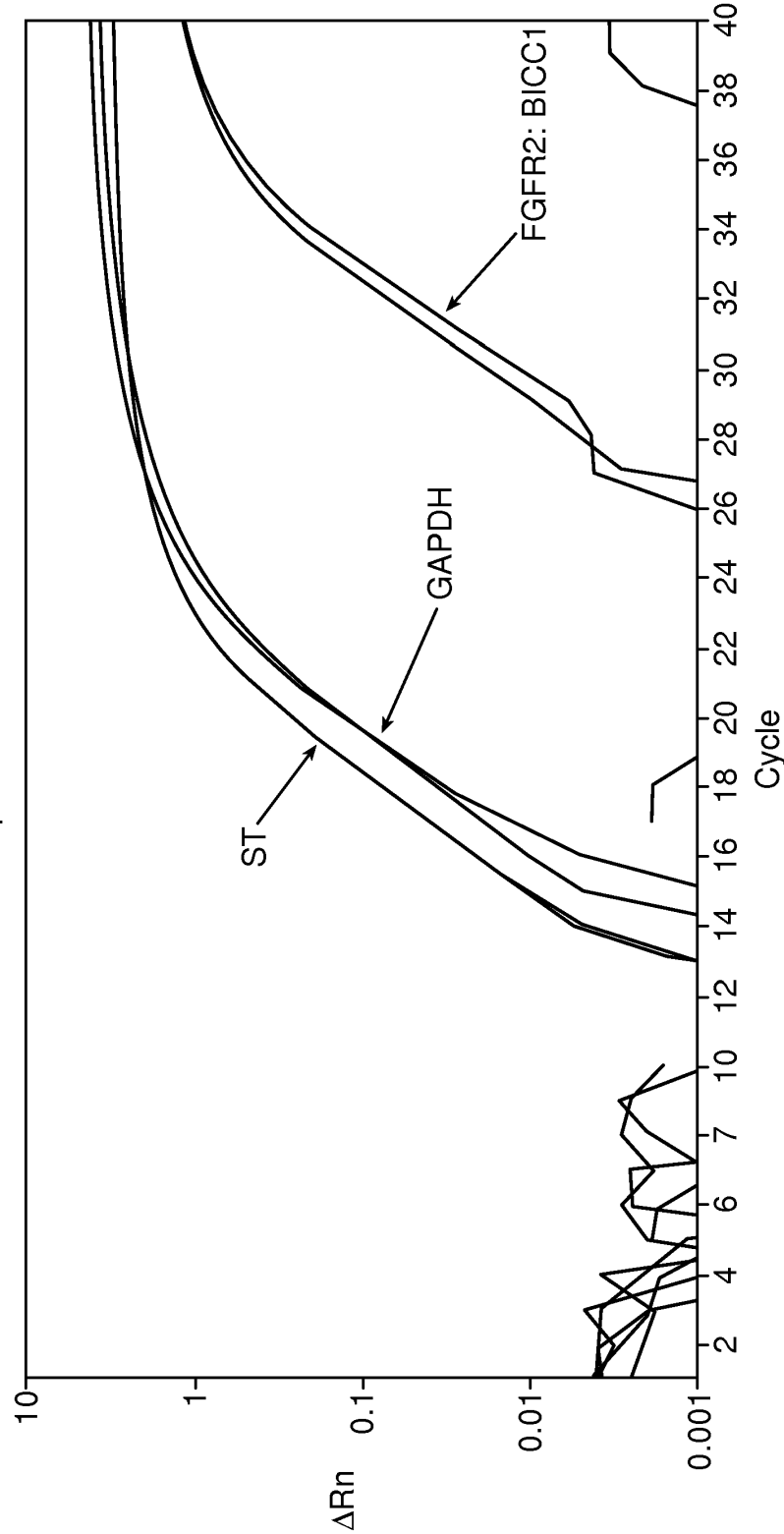
Standard Curve







Results: Pt#1000081  
Amplification Plot

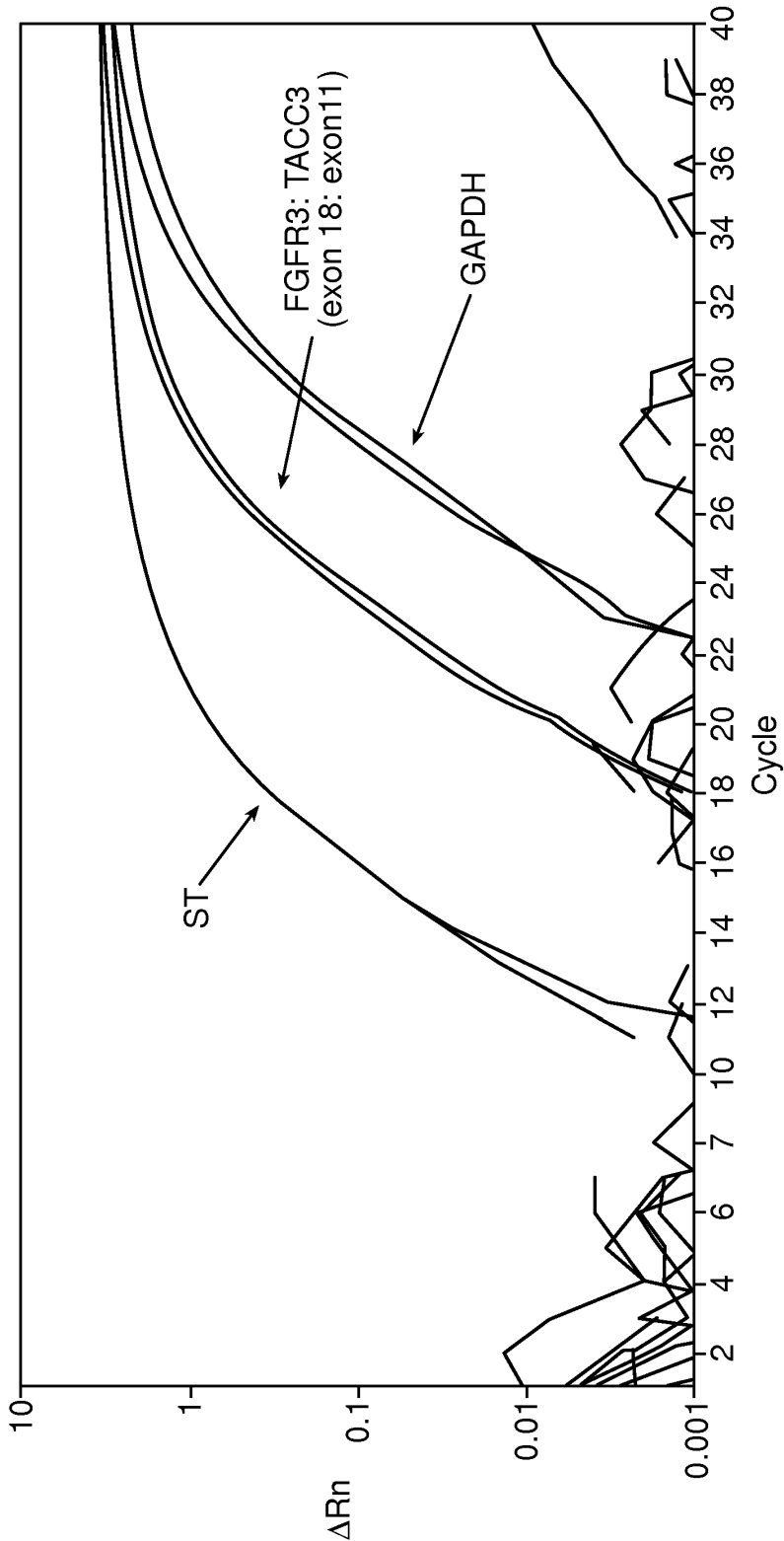


| Sample       | Ct     |
|--------------|--------|
| GAPDH        | 21.140 |
| ST           | 18.604 |
| FGFR2: BICC1 | 32.764 |

ST = Synthetic Template Assay Control  
GAPDH = QC sample control

FIG. 9A

Results: Pt#33000158  
Amplification Plot



| Sample         | Ct     |
|----------------|--------|
| GAPDH          | 29.278 |
| ST             | 17.329 |
| FGFR3: TACC3V1 | 24.956 |

FIG. 9B

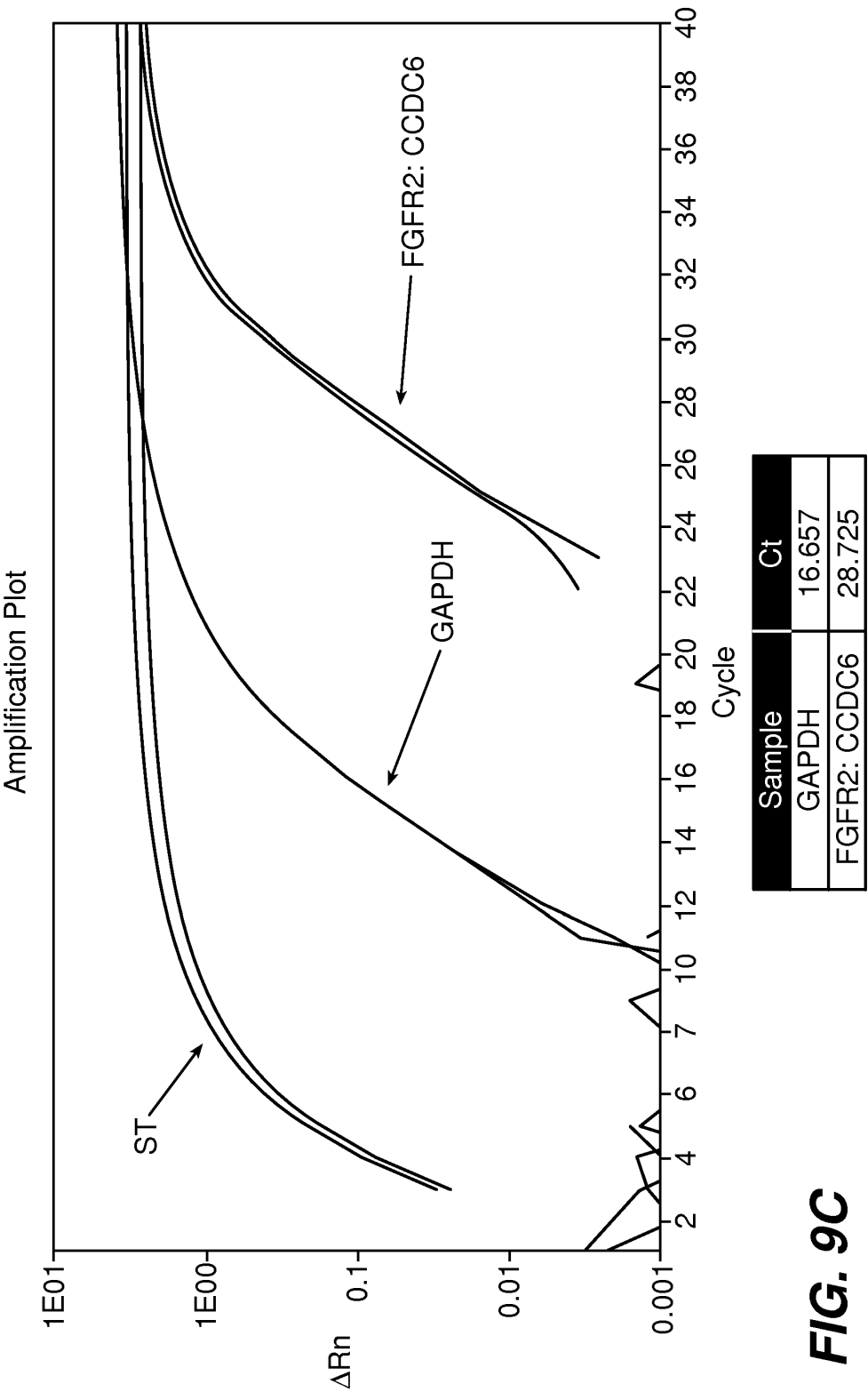
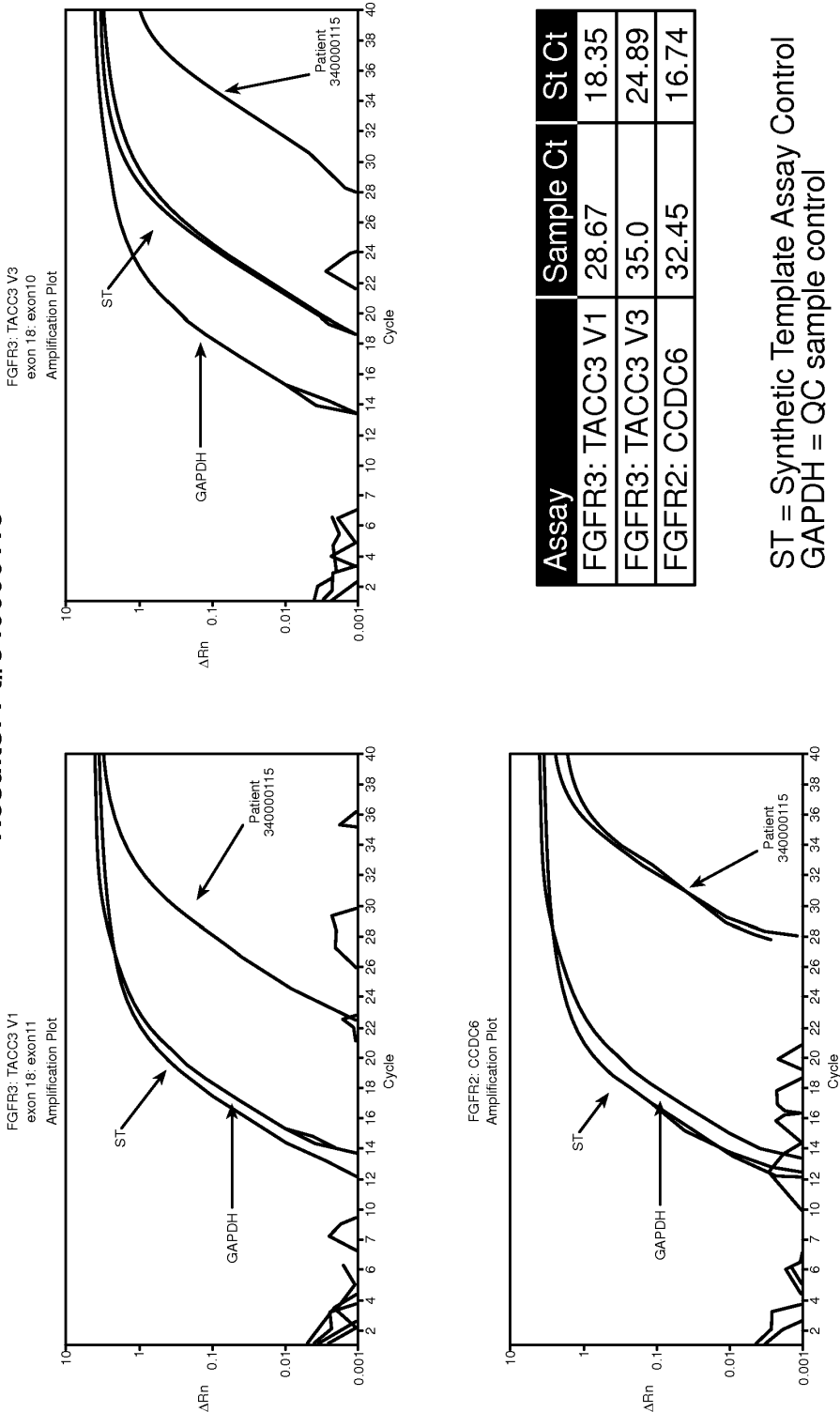


FIG. 9C

FIG. 9D

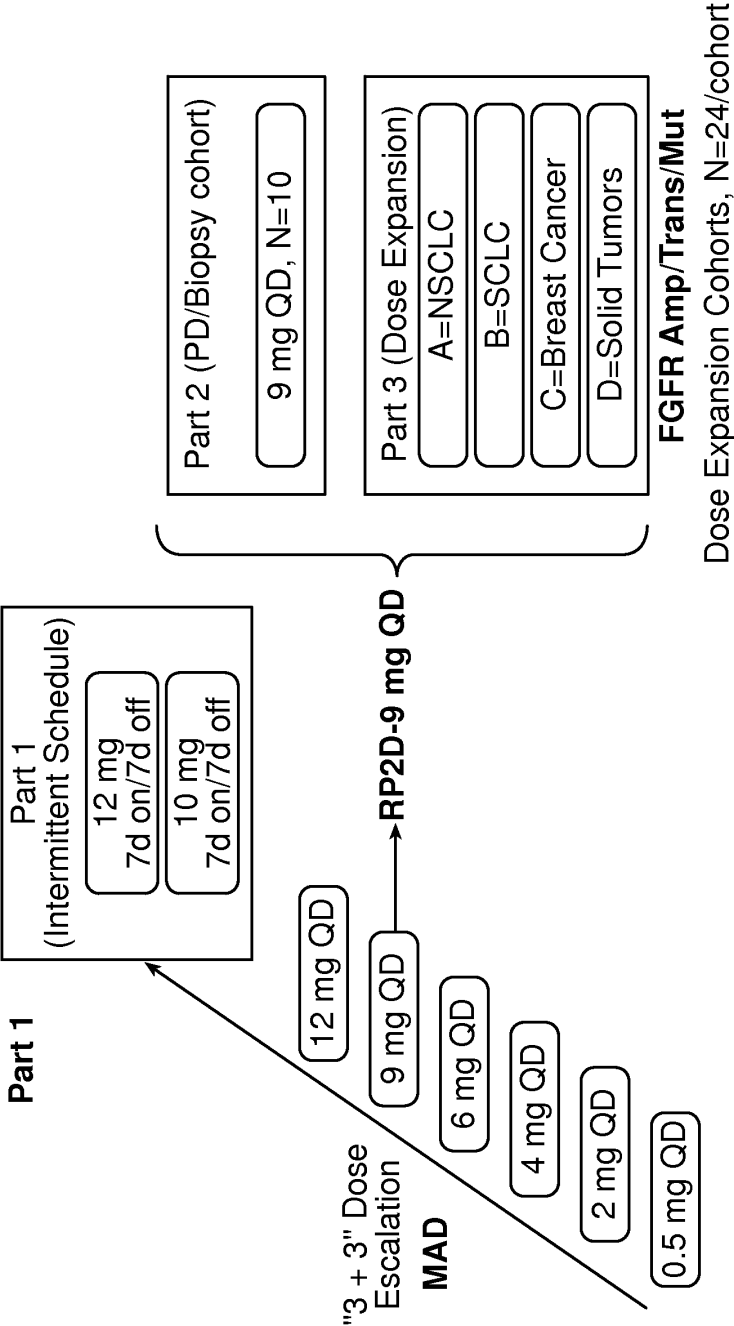
Results: Pt#340000115



| Assay           | Sample Ct | St Ct |
|-----------------|-----------|-------|
| FGFR3: TACC3 V1 | 28.67     | 18.35 |
| FGFR3: TACC3 V3 | 35.0      | 24.89 |
| FGFR2: CADC6    | 32.45     | 16.74 |

ST = Synthetic Template Assay Control  
GAPDH = QC sample control

FIG. 10



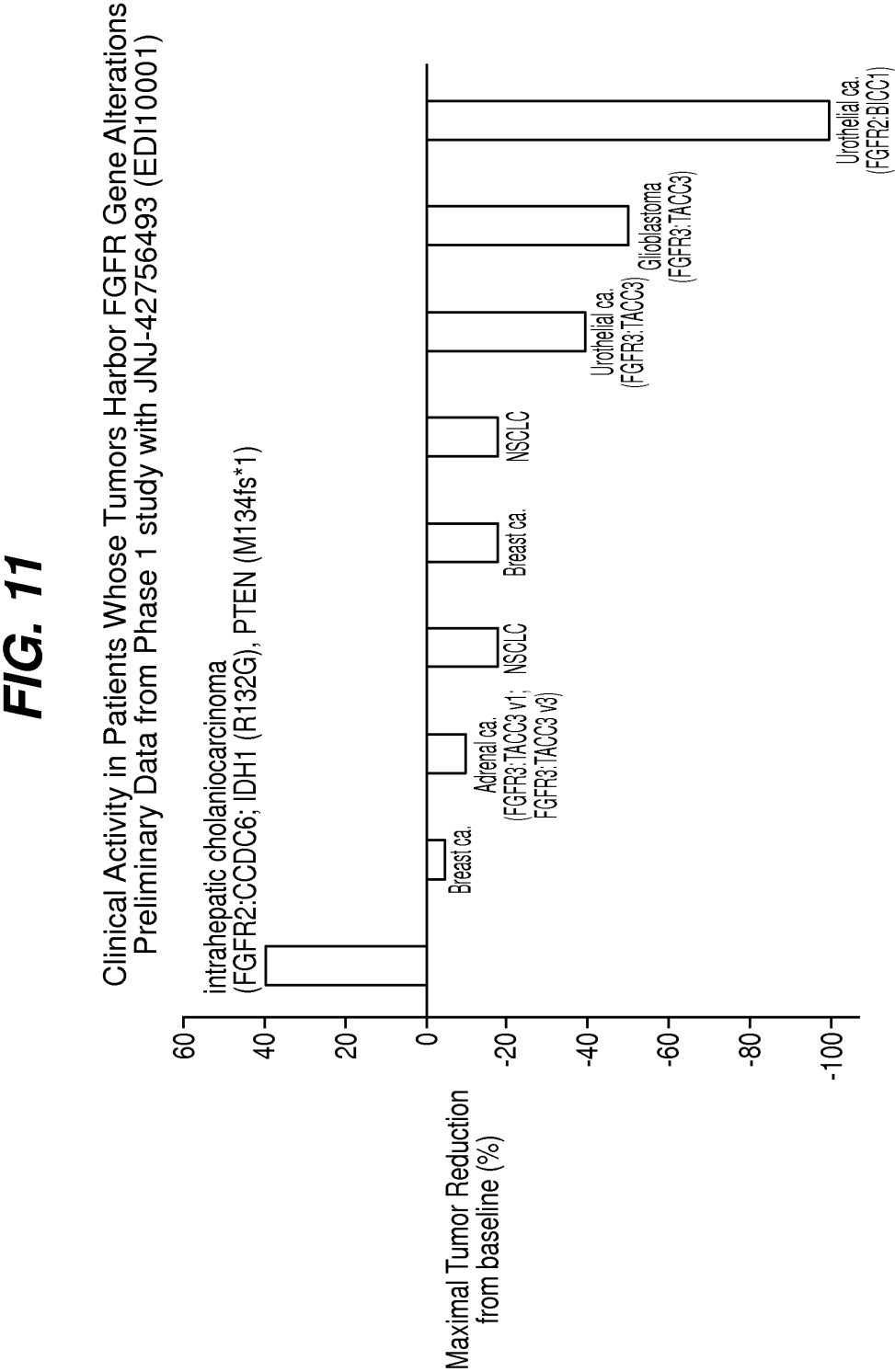


FIG. 12

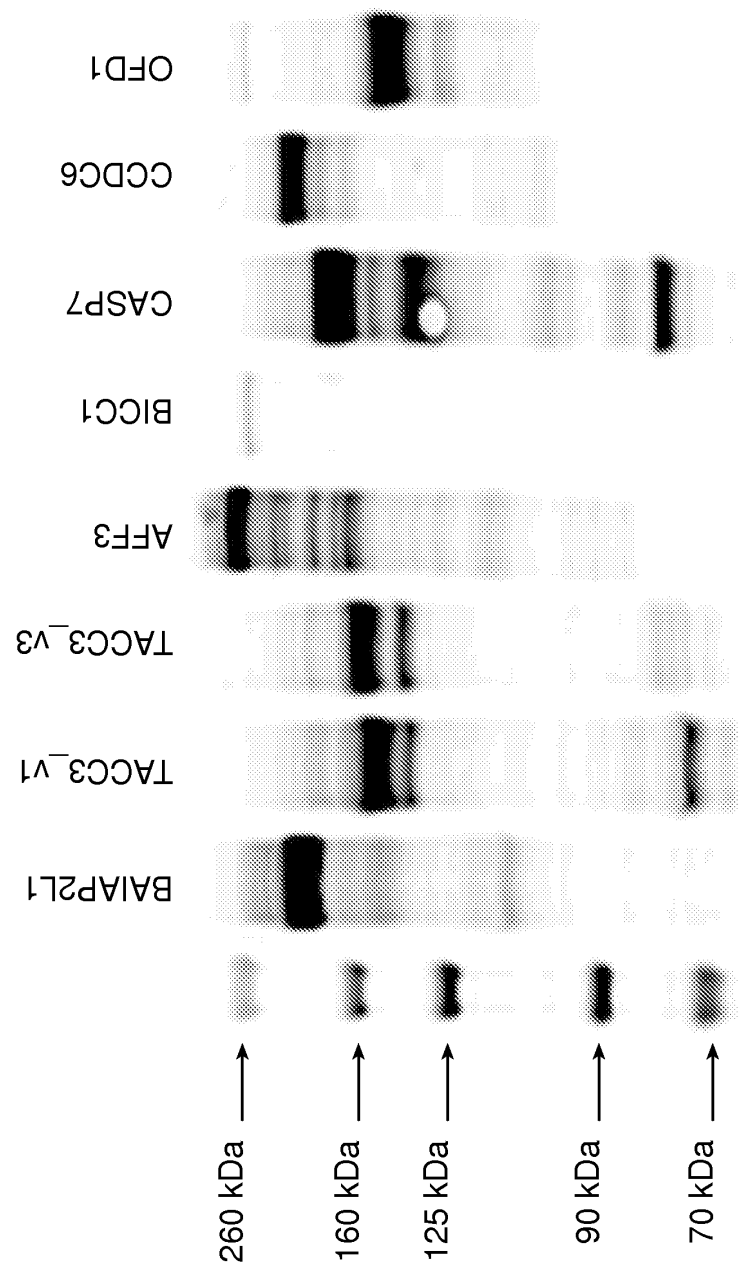
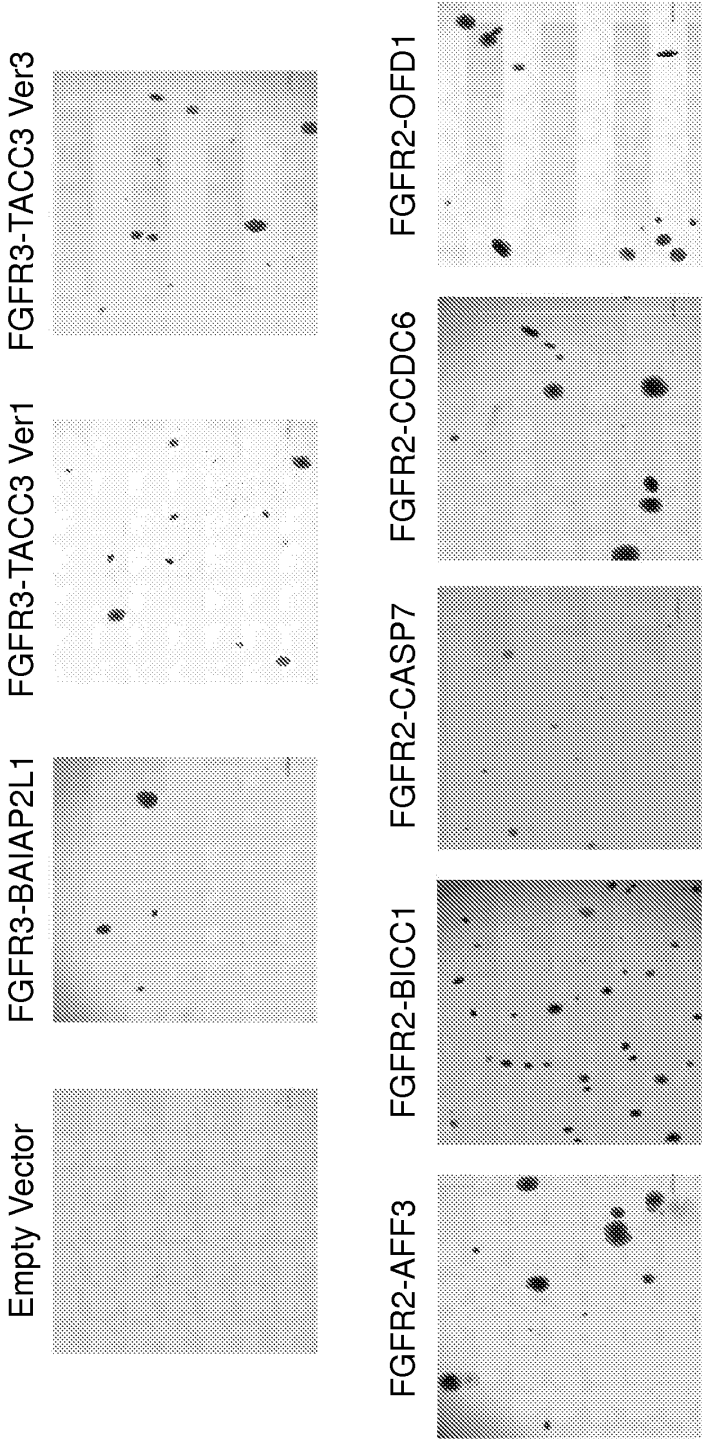
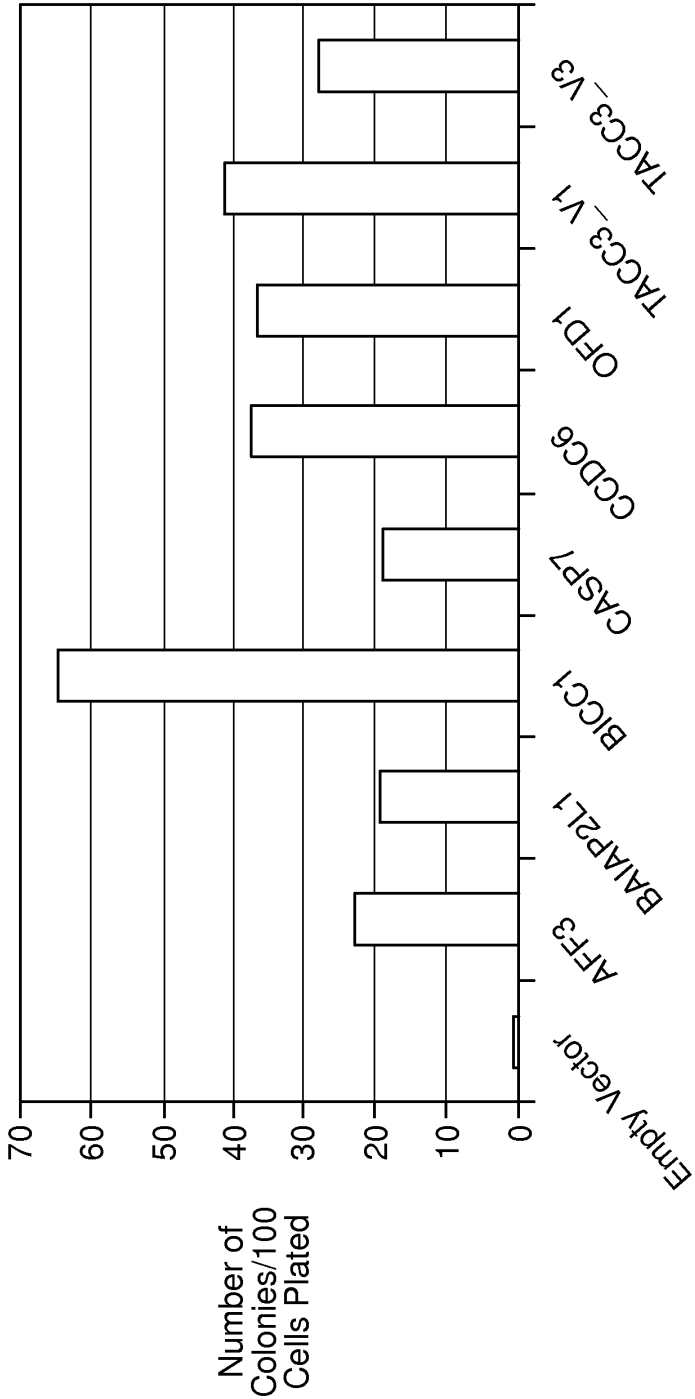


FIG. 13A



Six well chambers

FIG. 13B



\*\* Results are representative of two independent experiments

**FIG. 14A**

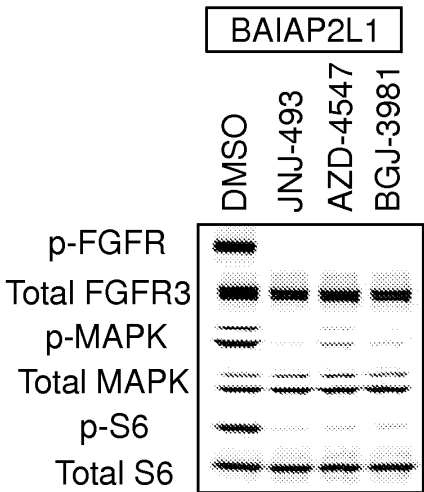


**FIG. 14B**

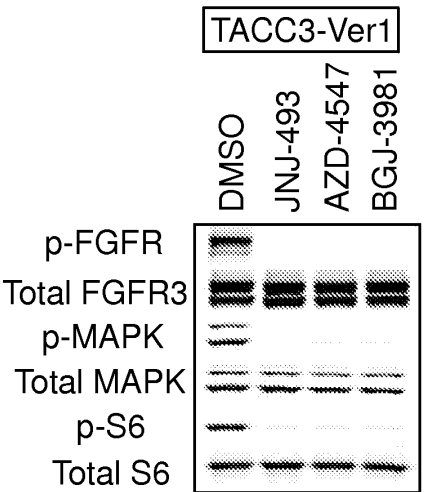


**FIG. 14C**

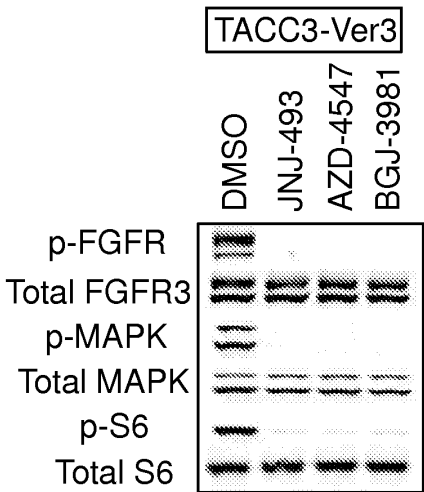


**FIG. 14D**

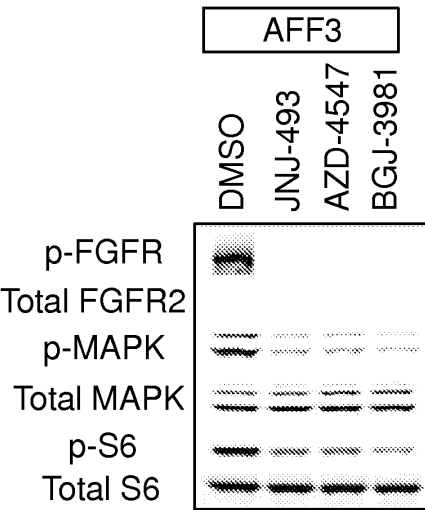


**FIG. 14E**

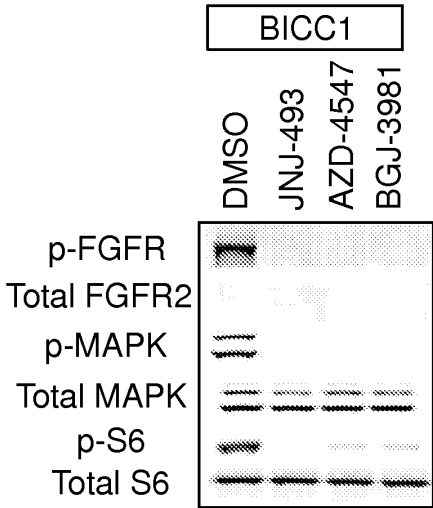


**FIG. 14F**

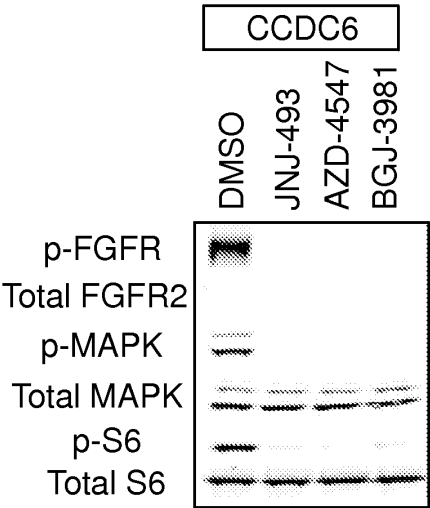


**FIG. 14G**

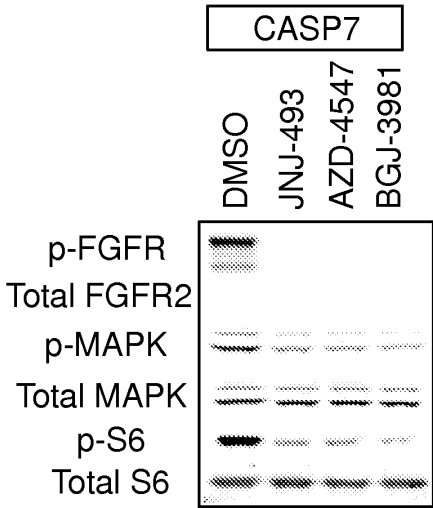


**FIG. 14H**

