

FIG. 1

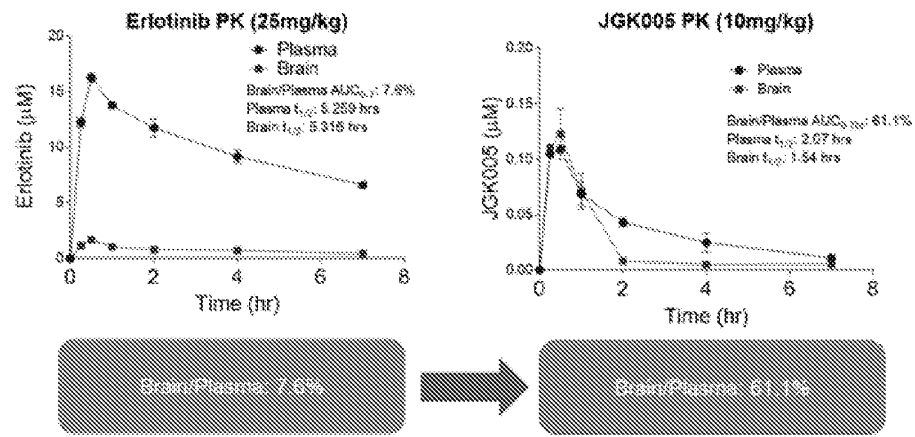


FIG. 2

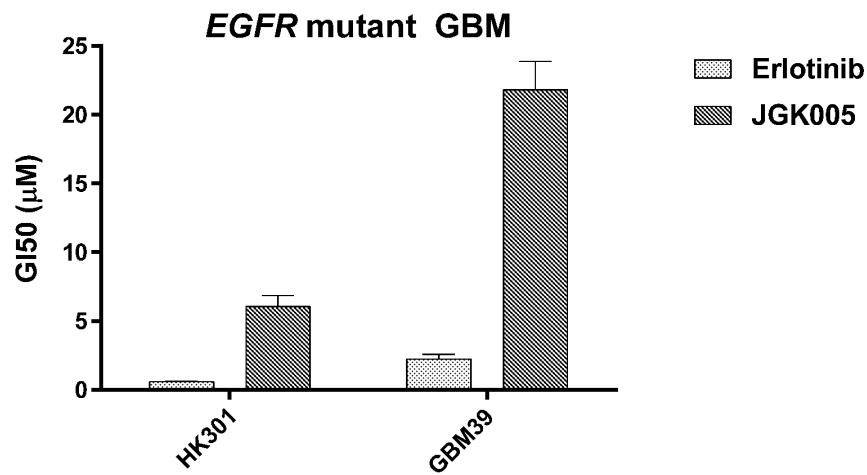


FIG. 3

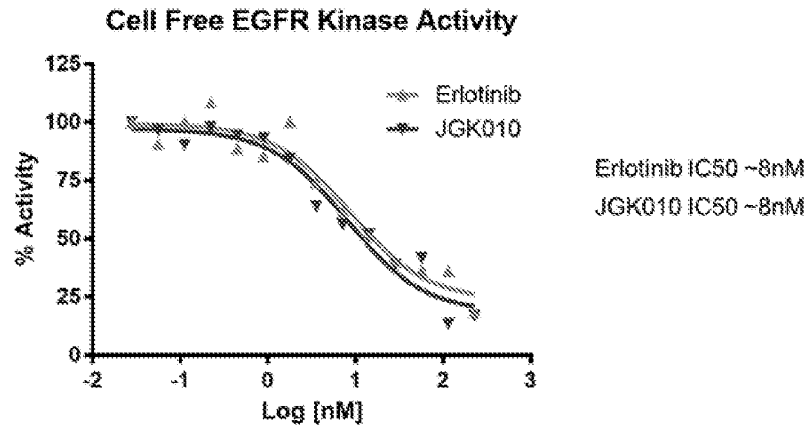


FIG. 4

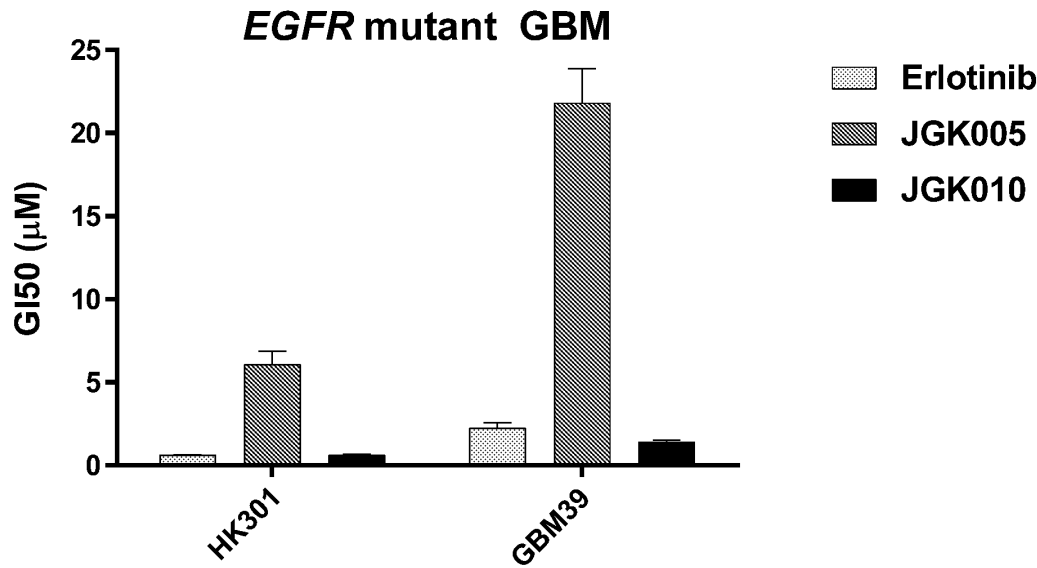


FIG. 5

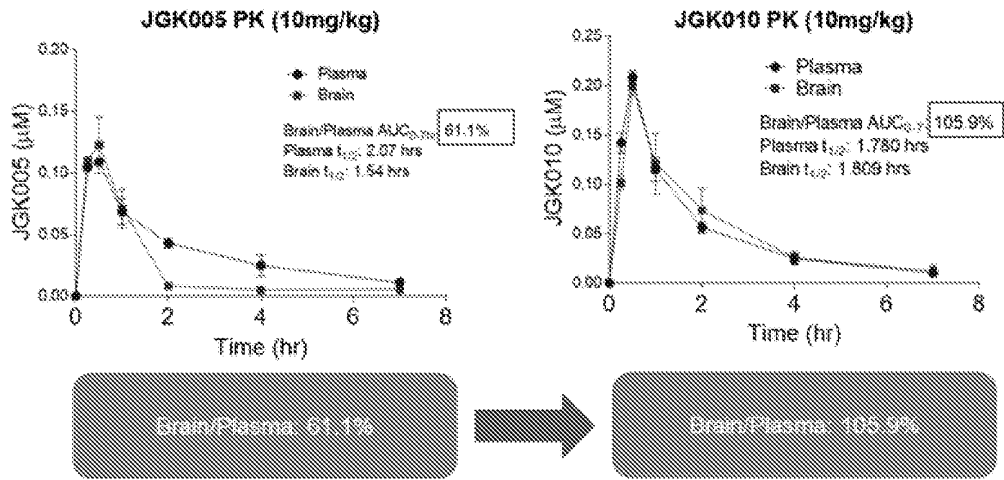


FIG. 6

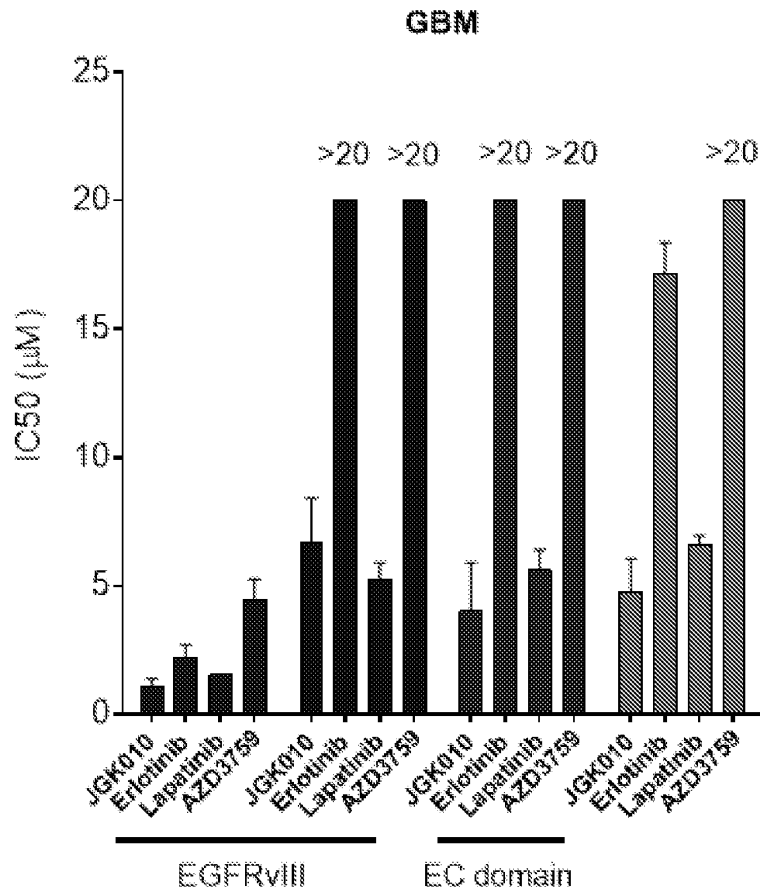


FIG. 7A

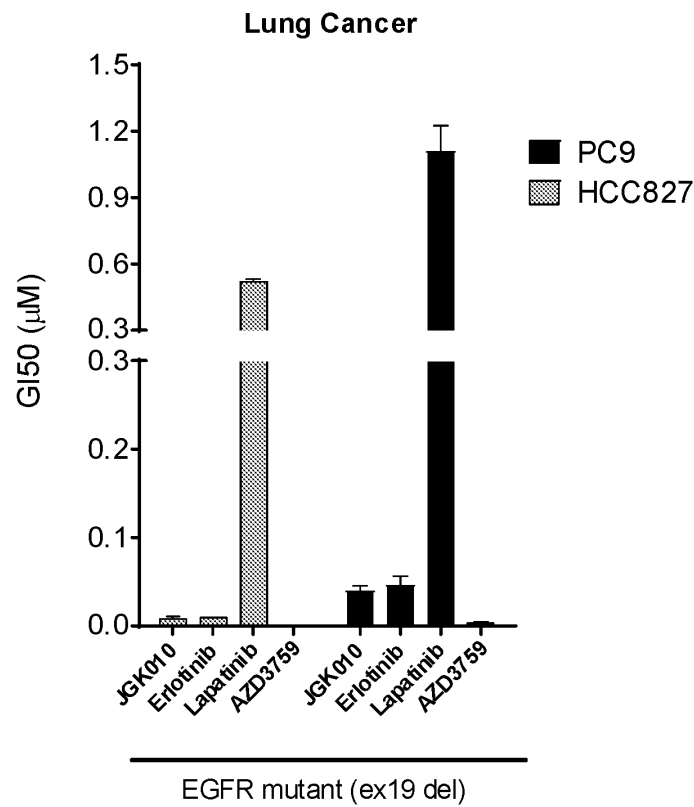


FIG. 7B

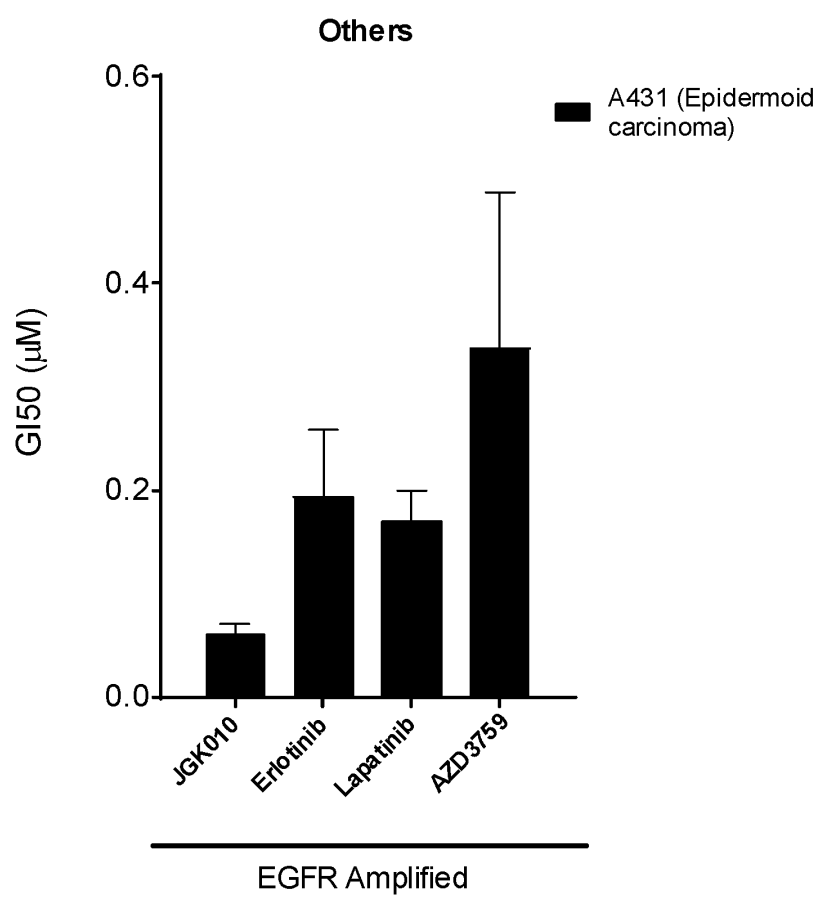


FIG. 8A

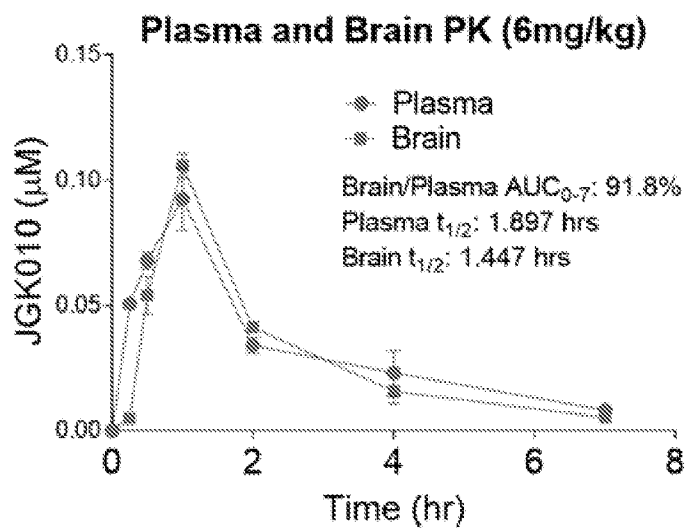


FIG 8B.

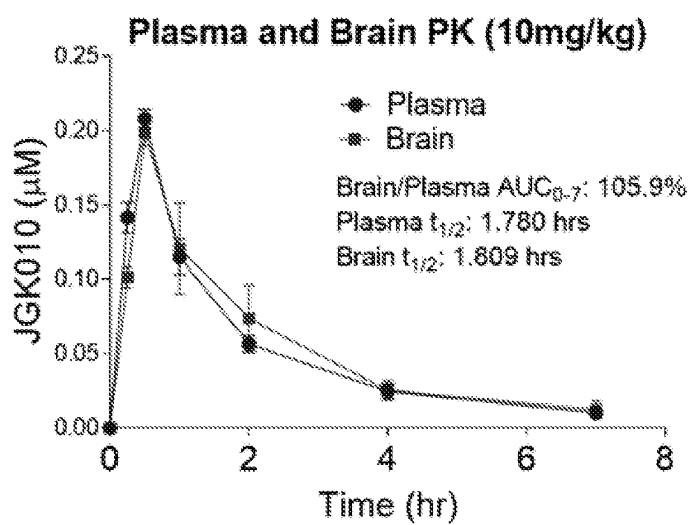


FIG. 8C

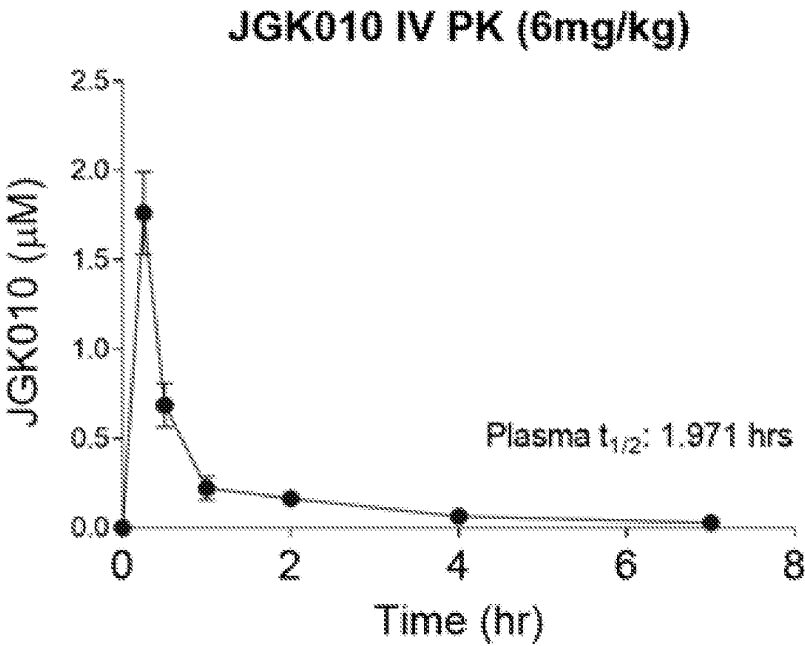


FIG. 8D

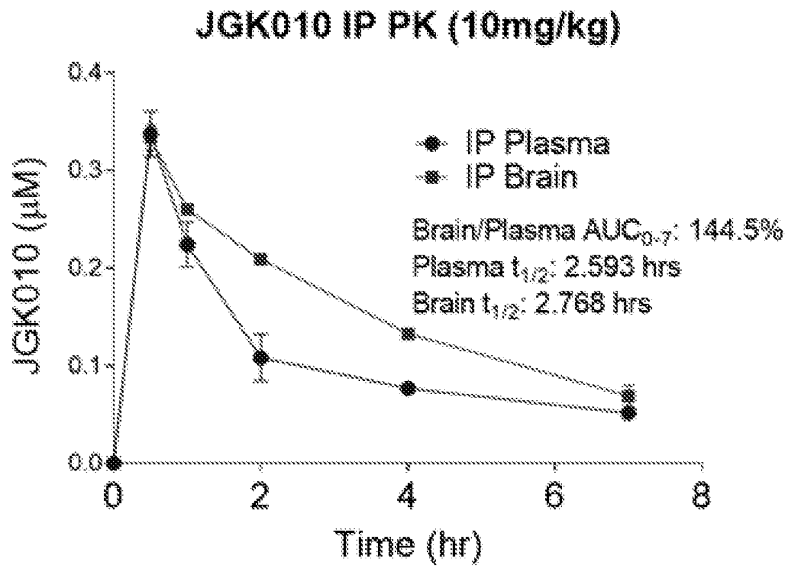


FIG. 9

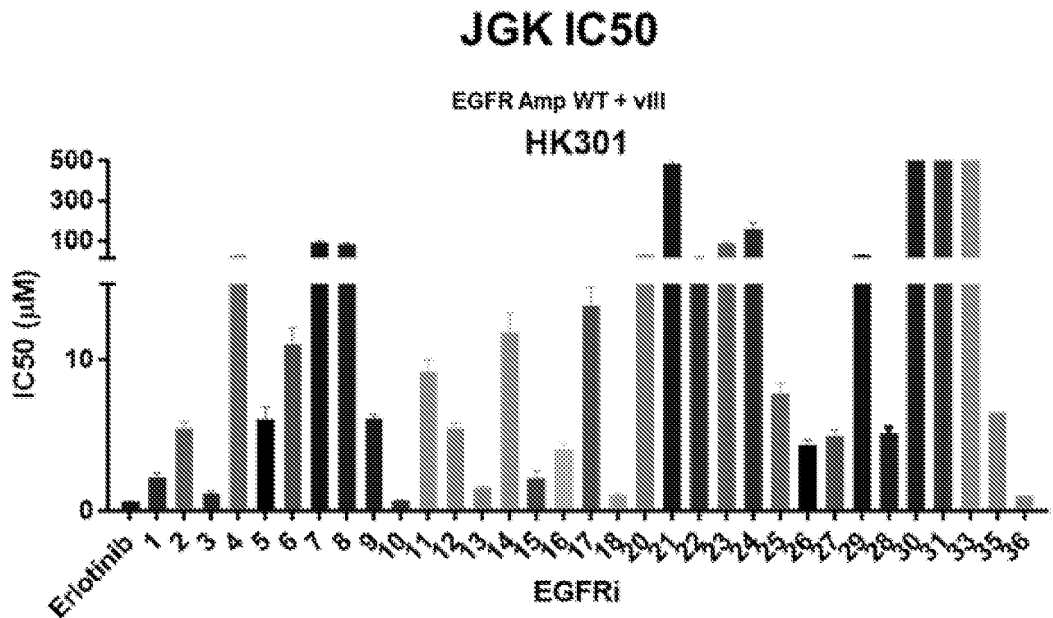


FIG. 10

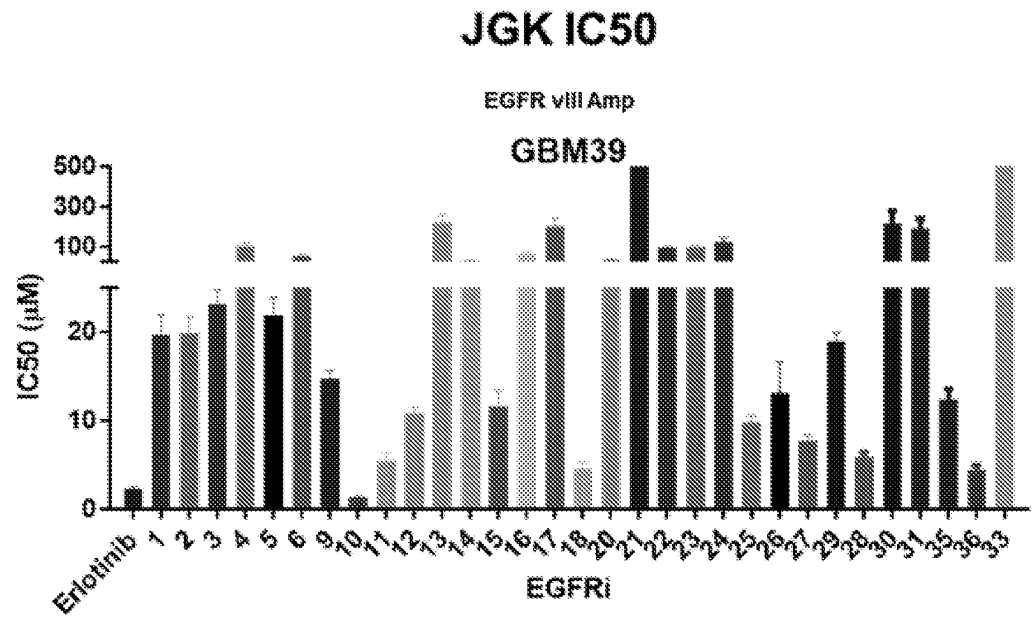


FIG .11

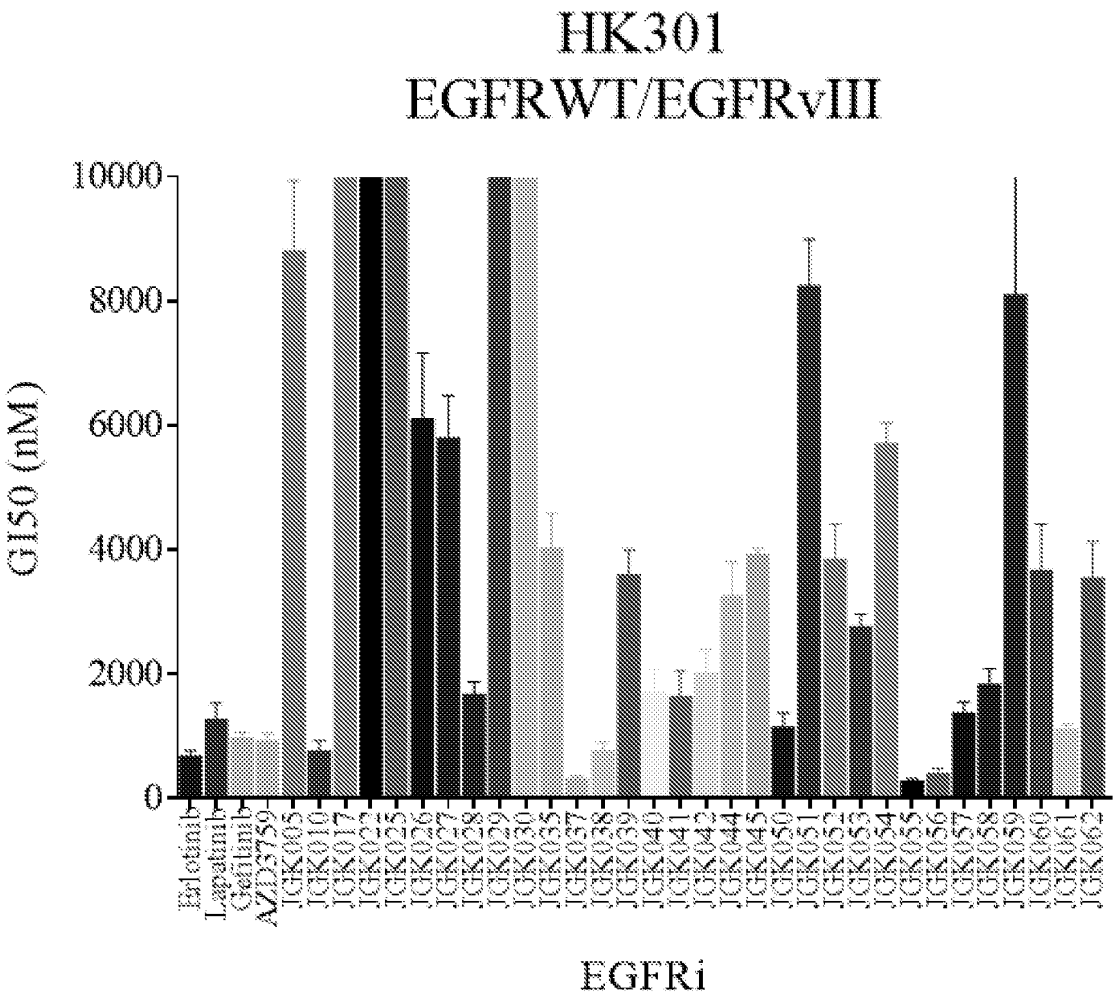


FIG. 12

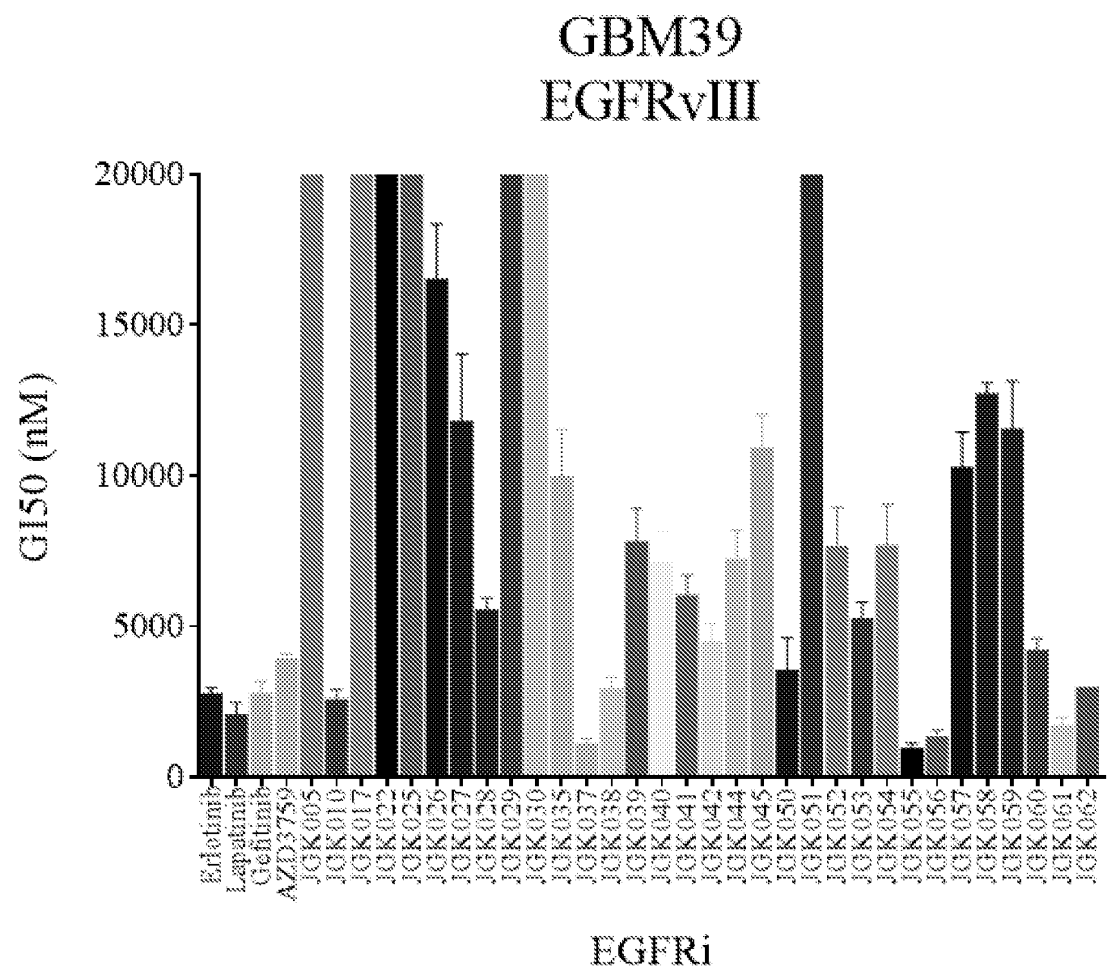


FIG. 13A

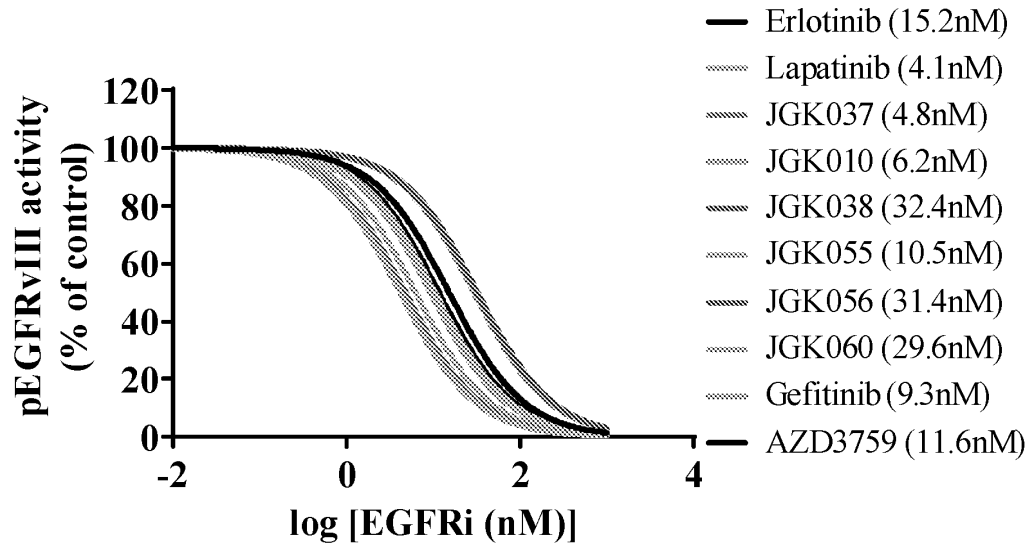


FIG. 13B

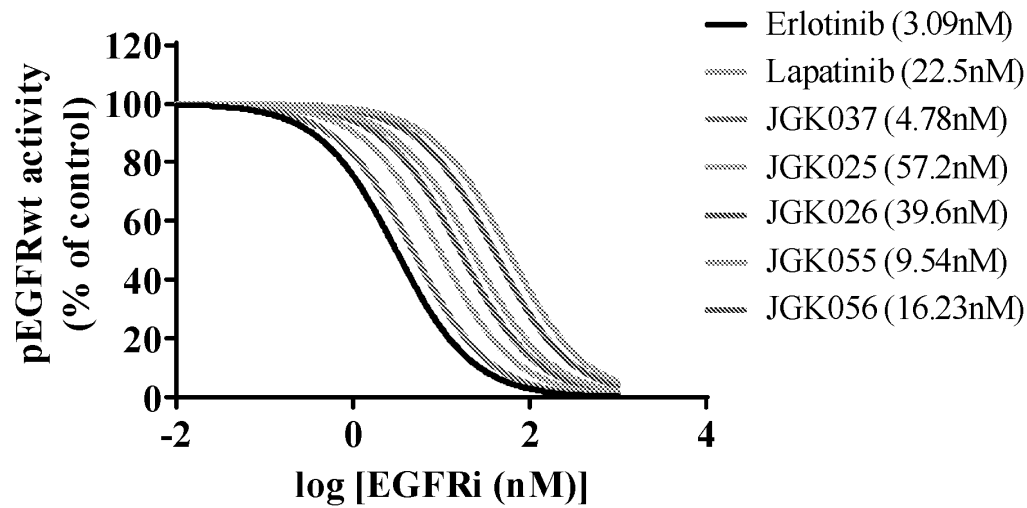


FIG. 14A

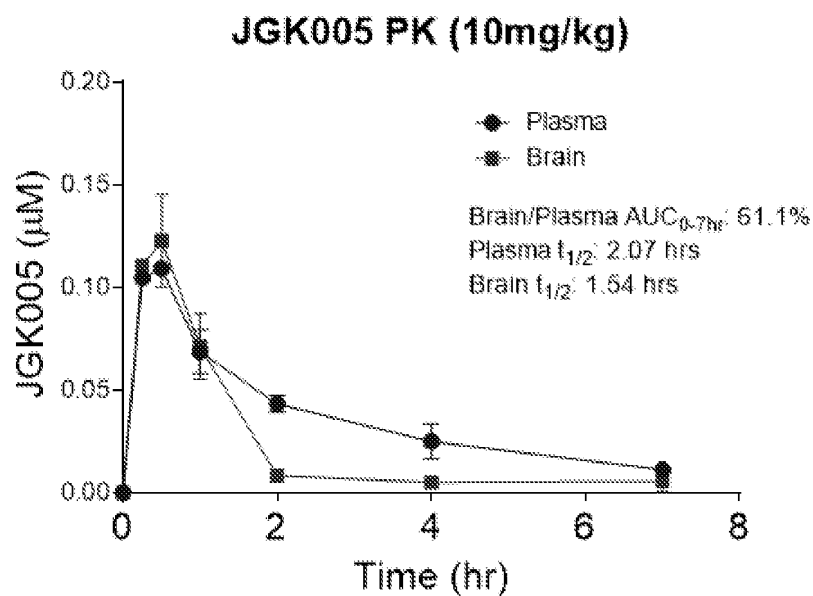


FIG. 14B

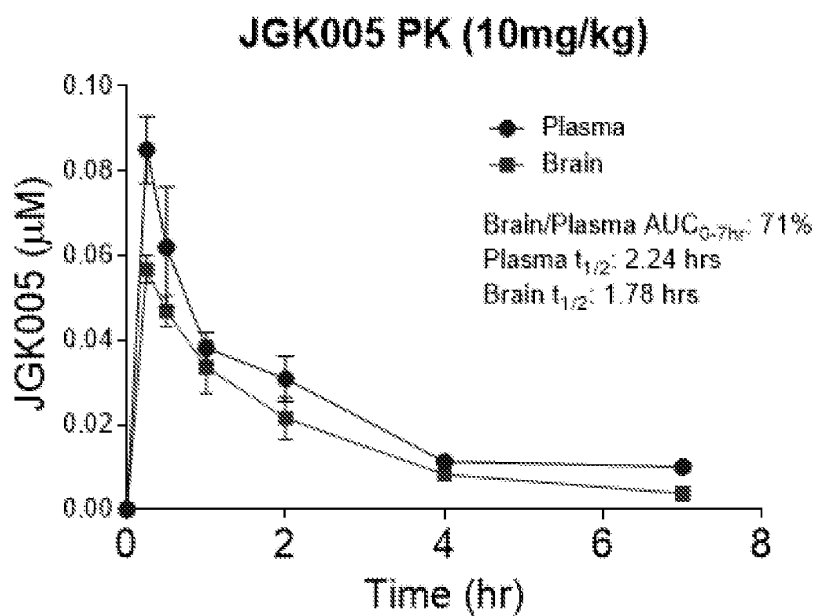


FIG. 15A

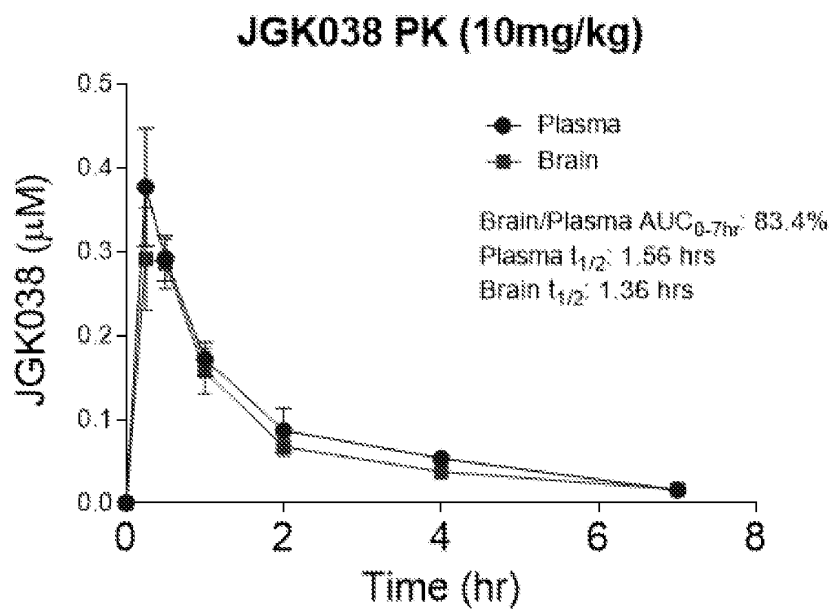


FIG. 15B

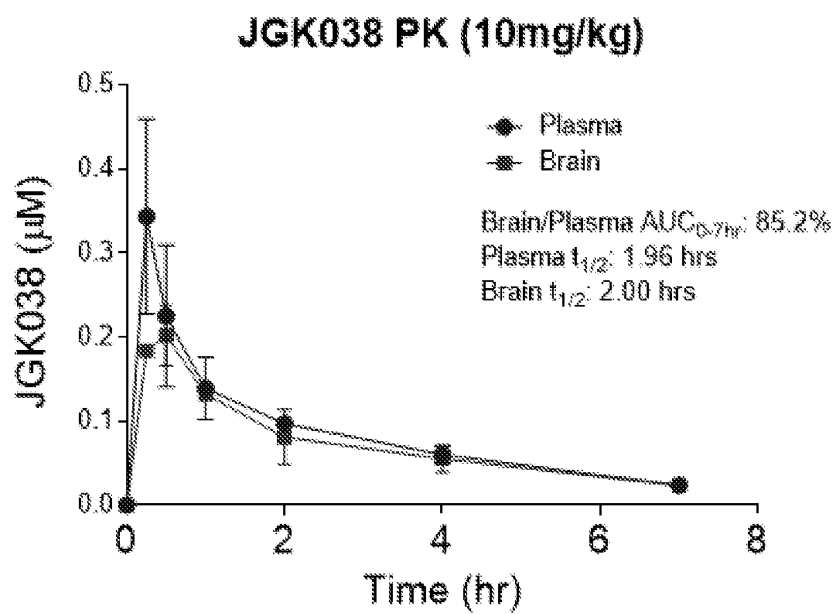


FIG. 16A

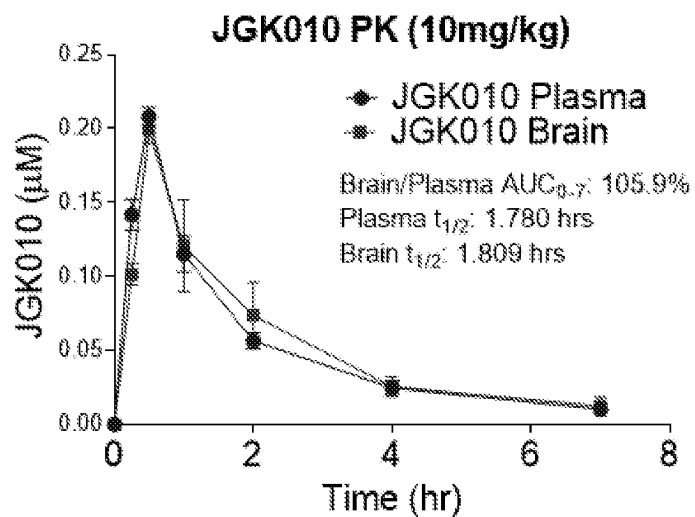


FIG. 16B

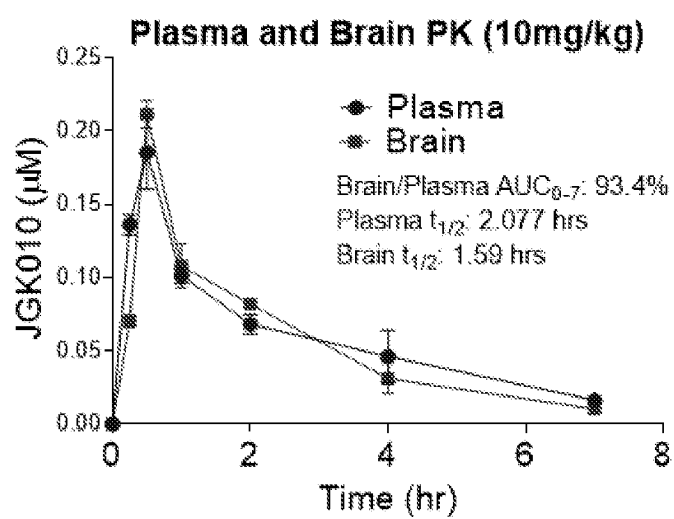


FIG. 17A

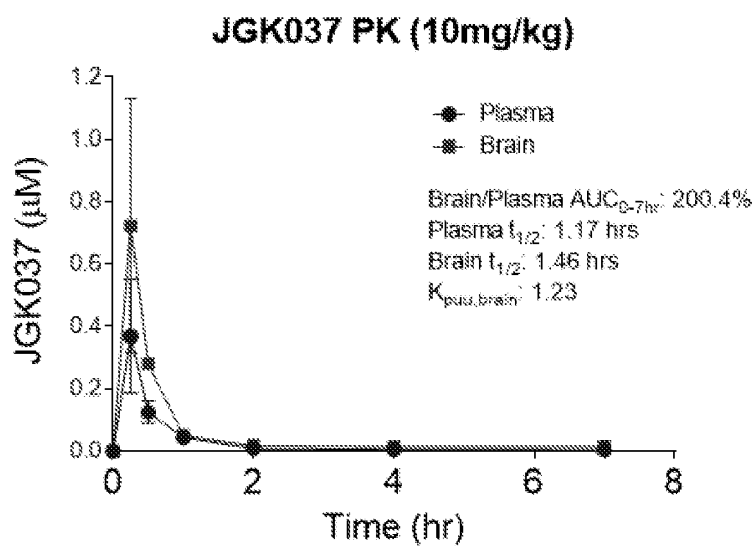


FIG. 17B

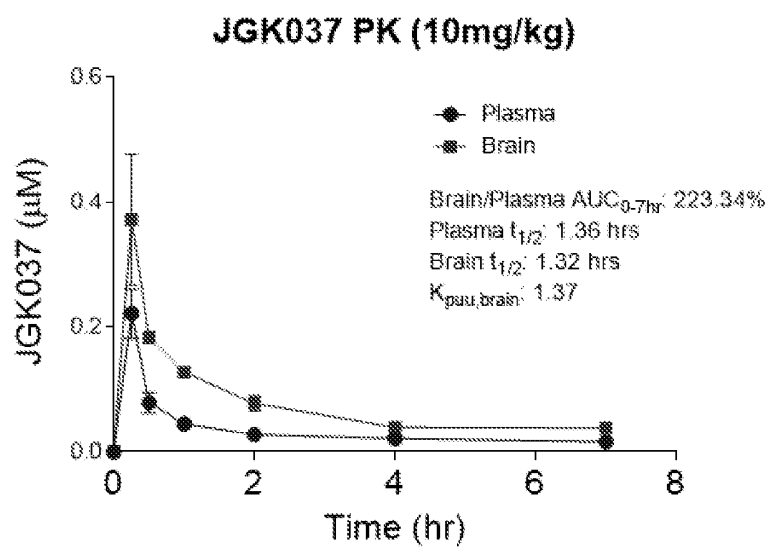


FIG. 18A

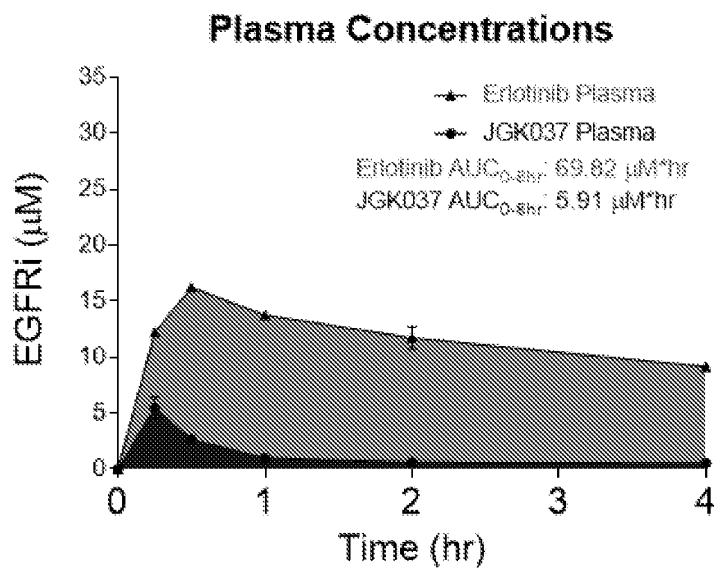


FIG. 18B

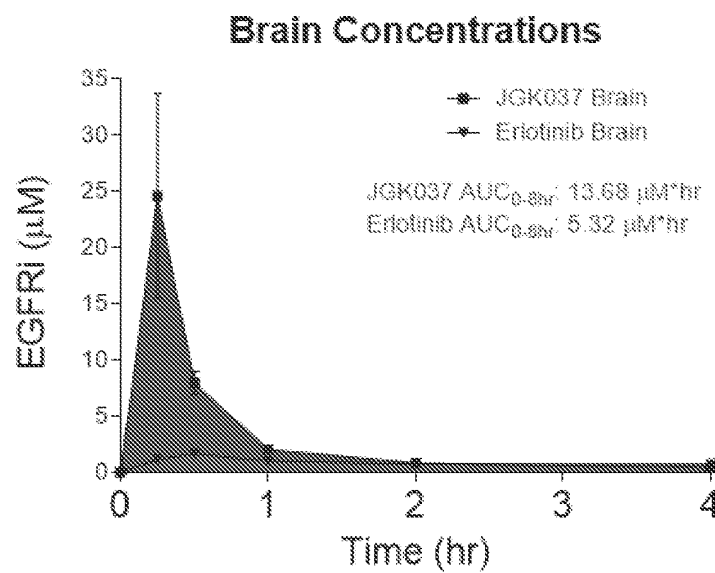


FIG. 19

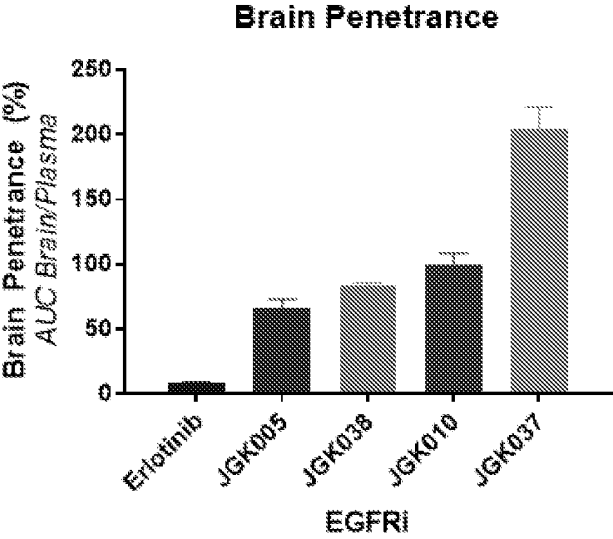


FIG. 20

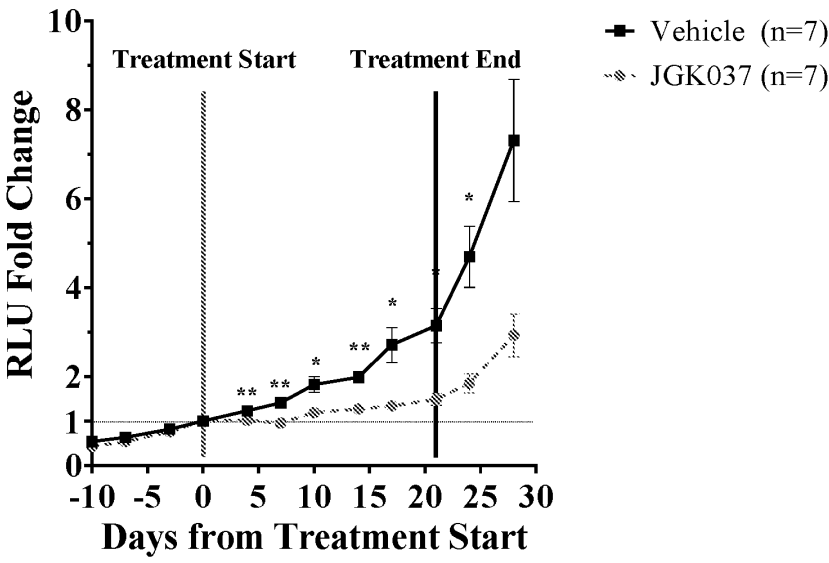


FIG. 21A

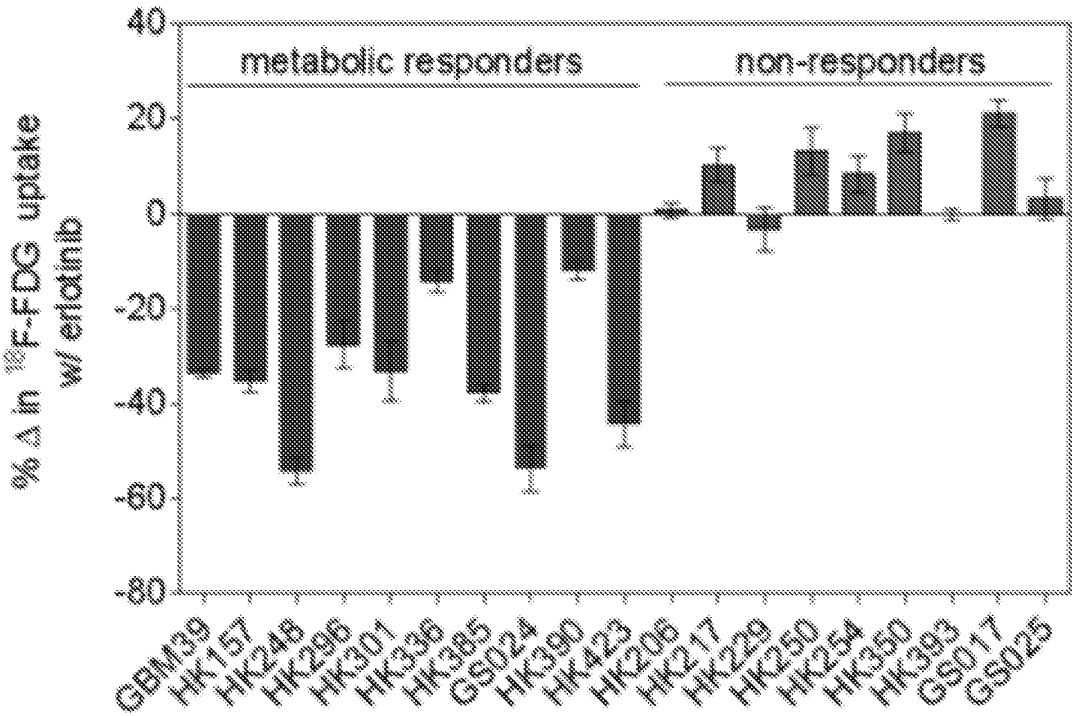


FIG. 21B

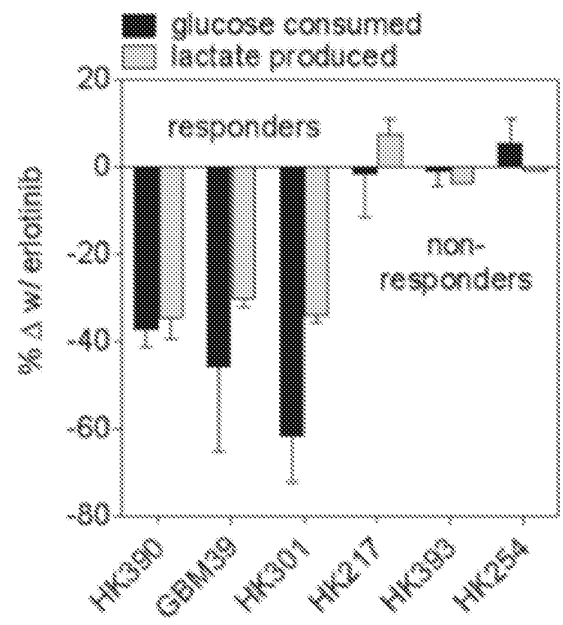


FIG. 21C

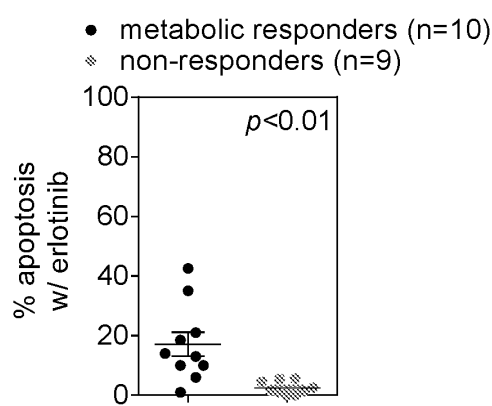


FIG. 21D

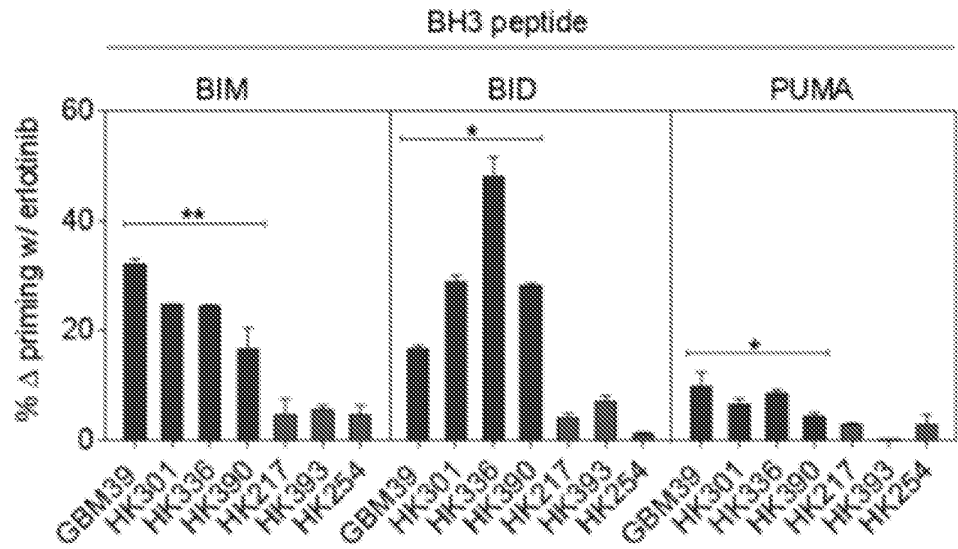


FIG. 21E

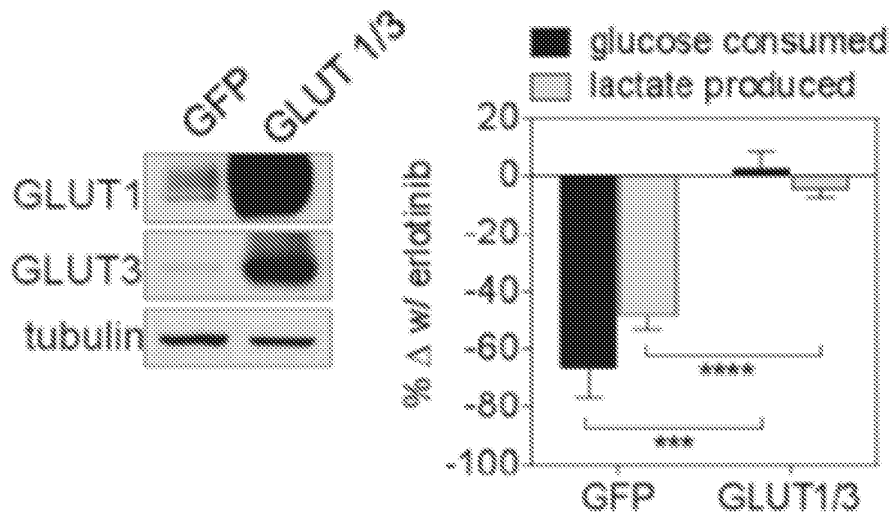


FIG. 21F

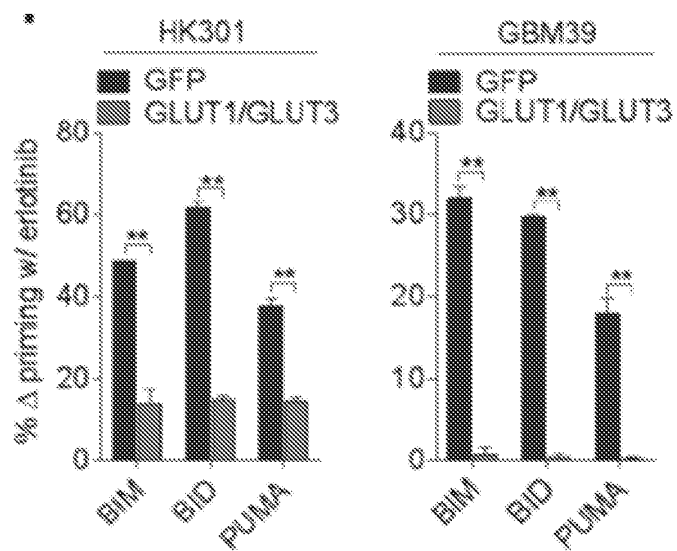


FIG. 22A

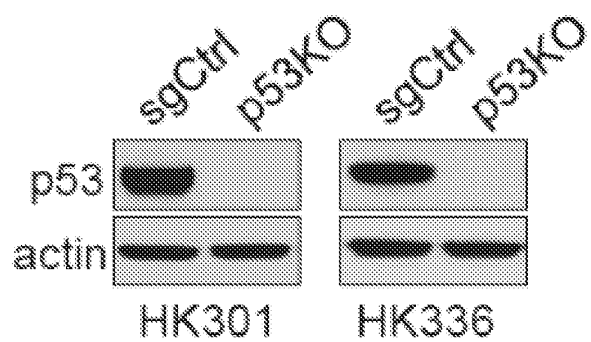


FIG. 22B

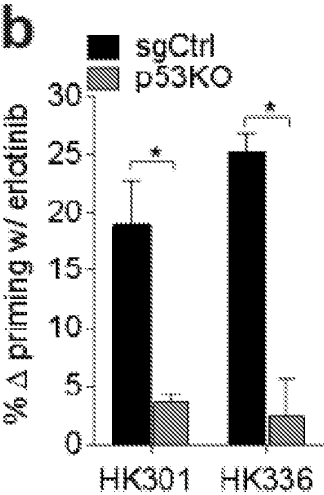


FIG. 22C

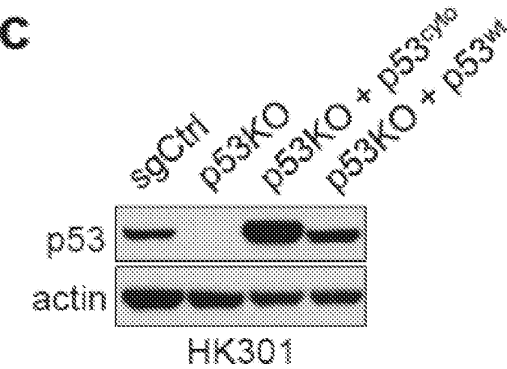


FIG. 22D

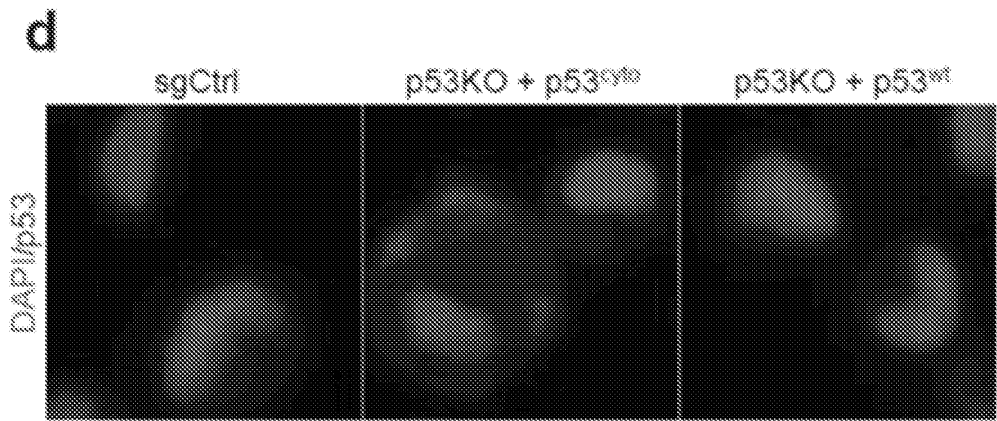


FIG. 22E

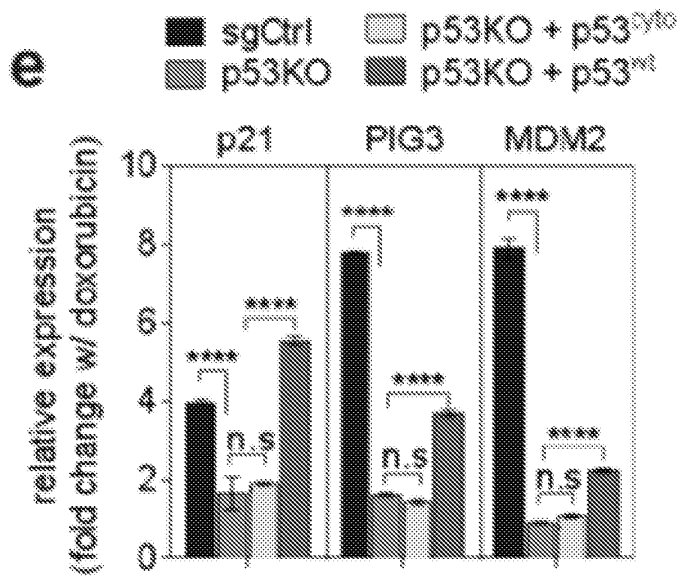


FIG. 22F

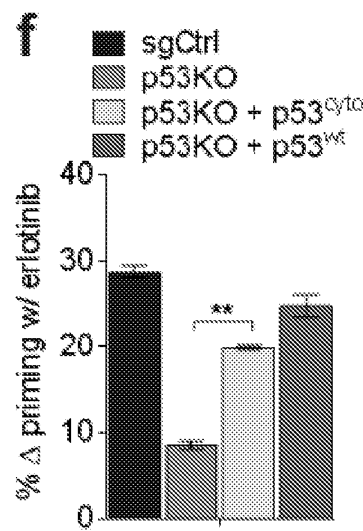


FIG. 22G

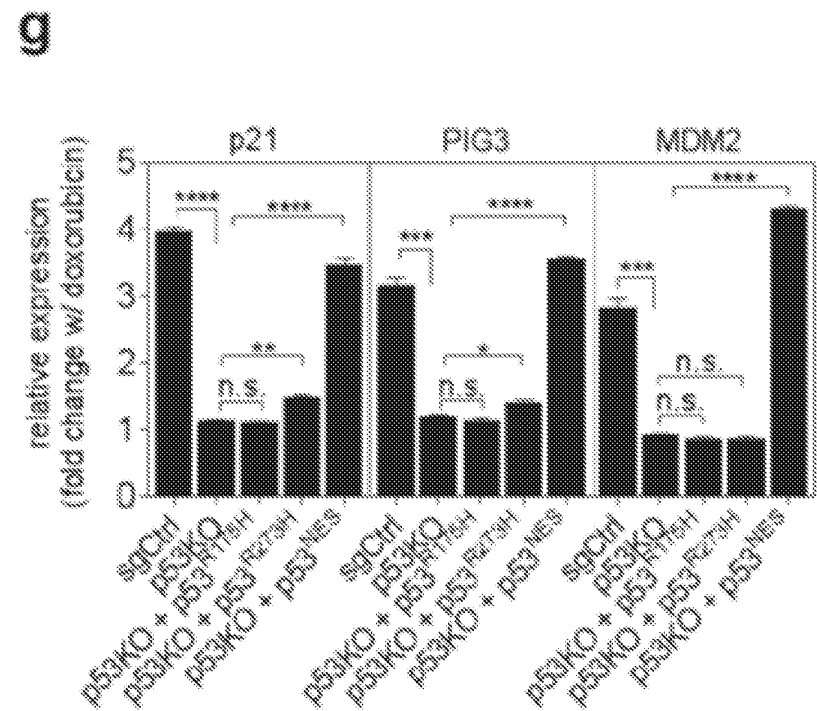


FIG. 22H

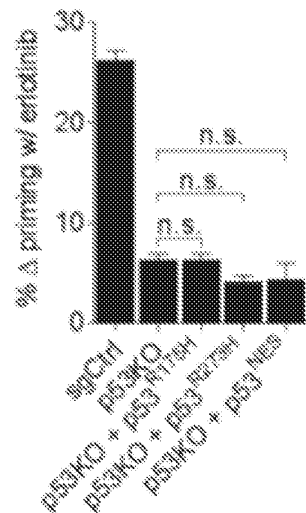


FIG. 23A

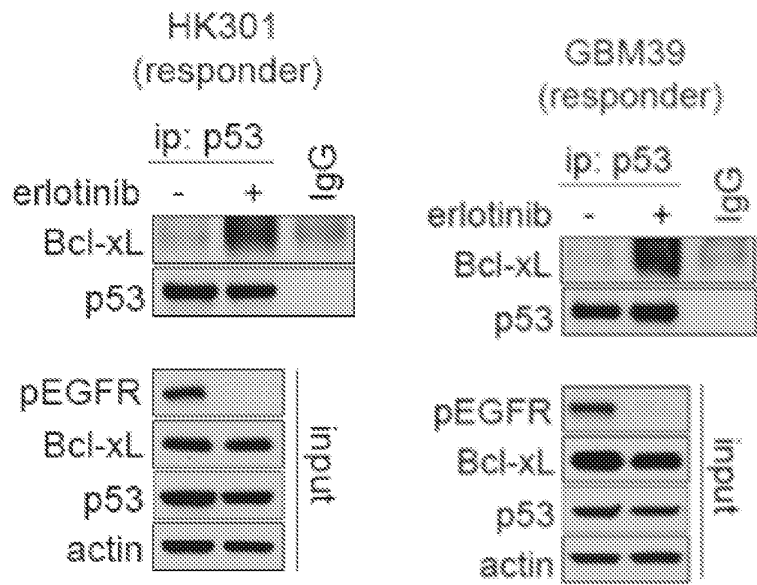


FIG. 23B

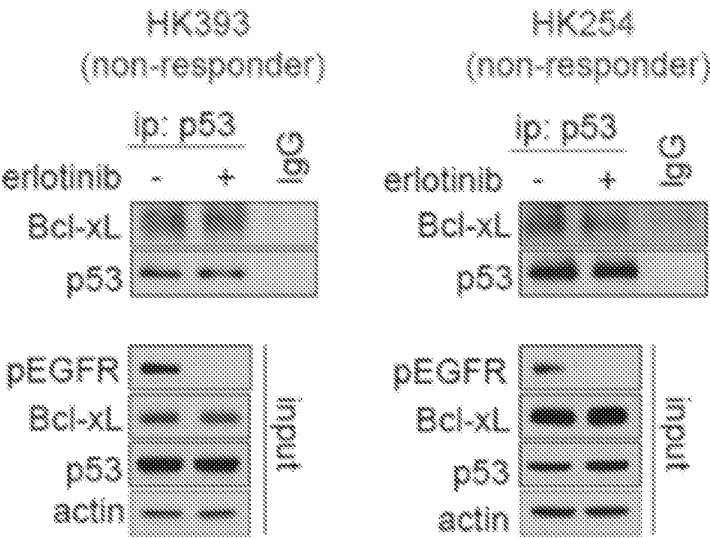


FIG. 23C

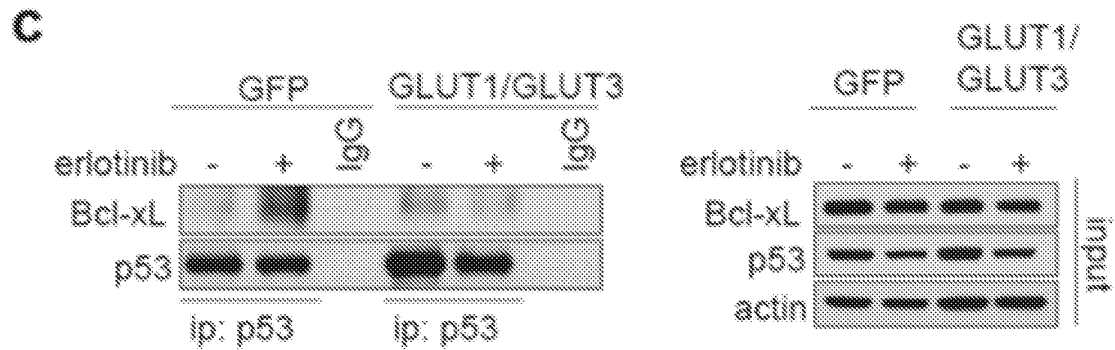


FIG. 23D

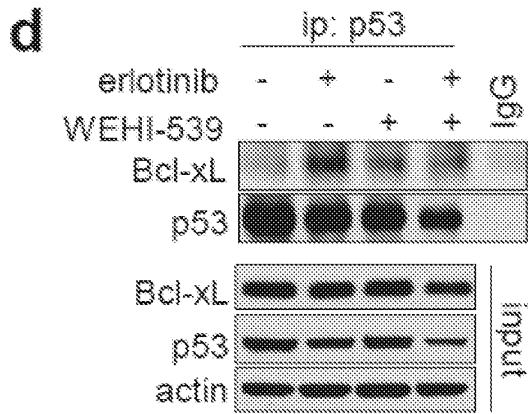


FIG. 23E

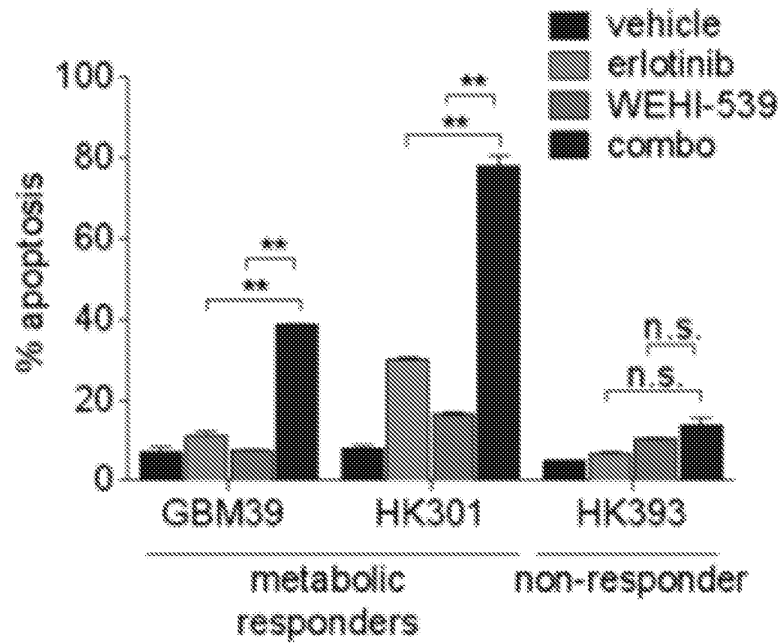


FIG. 23F

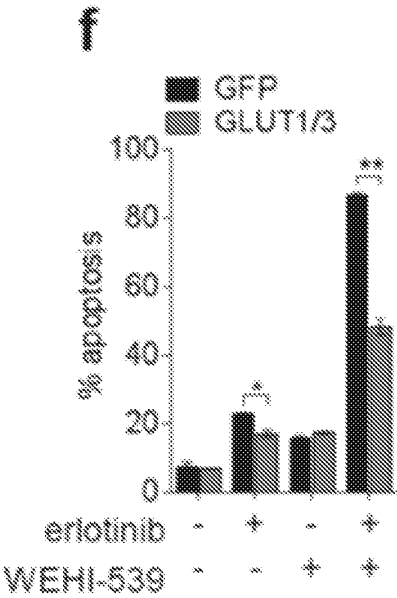


FIG. 24A

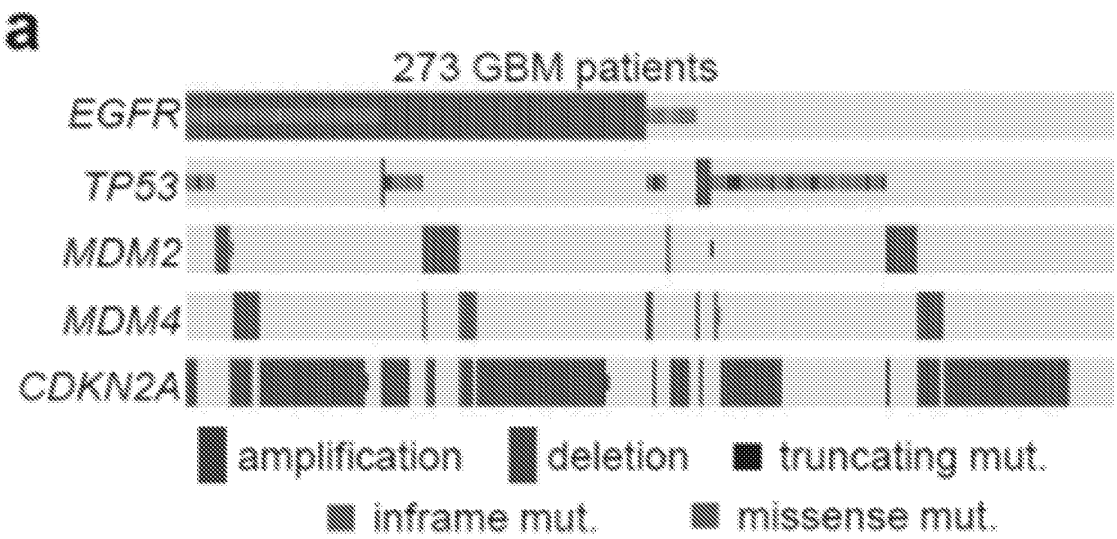


FIG. 24B

GENE A	GENE B	P-VALUE	LOG ODDS RATIO	ASSOCIATION
EGFR	TP53	<0.001	-1.383	Mut. Excl.
MDM2	TP53	<0.001	-2.547	Mut. Excl.
CDKN2A	TP53	<0.001	-1.403	Mut. Excl.
EGFR	CDKN2A	0.004	.703	Co-occurrence
MDM2	CDKN2A	<0.001	-2.136	Mut. Excl.

Only significant interactions are shown

FIG. 24C

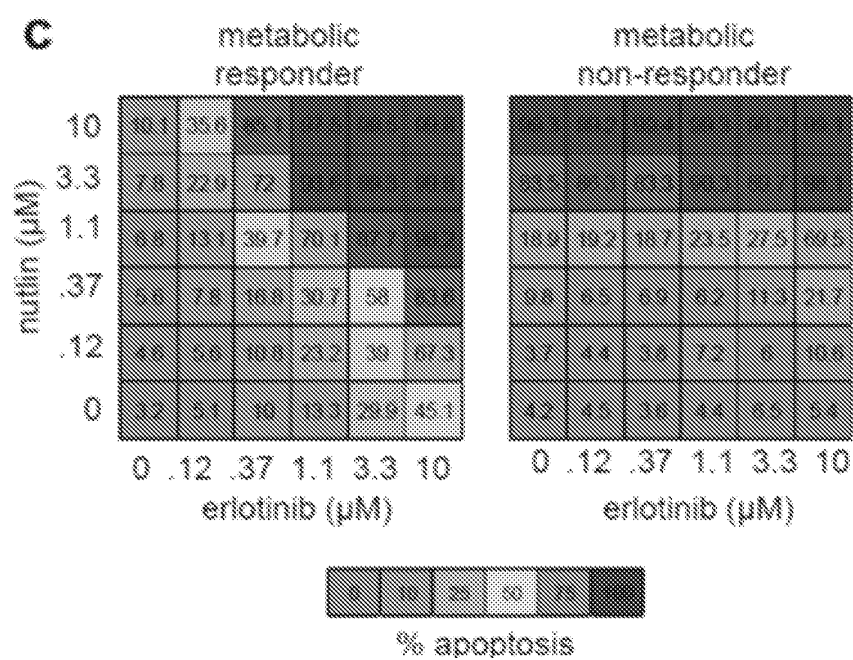


FIG. 24D

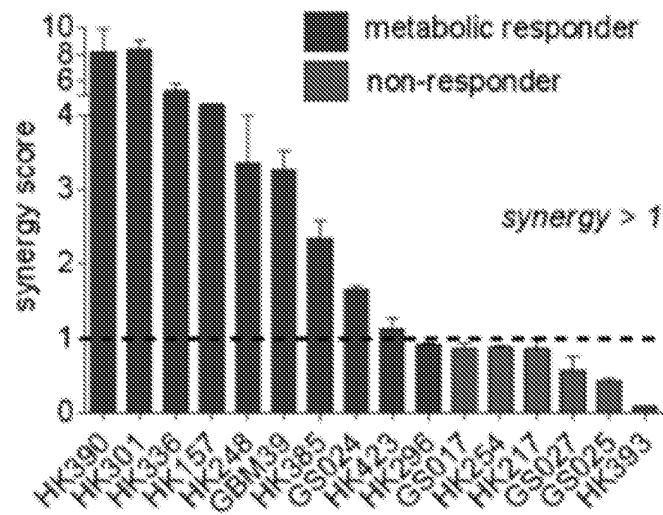


FIG. 24E

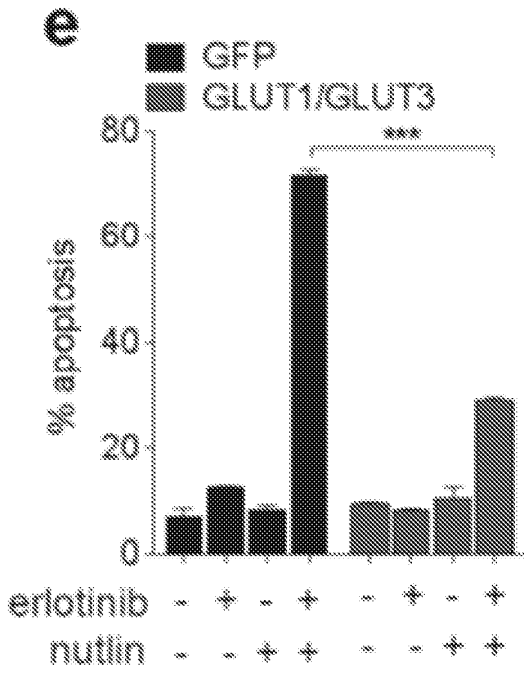


FIG. 24F

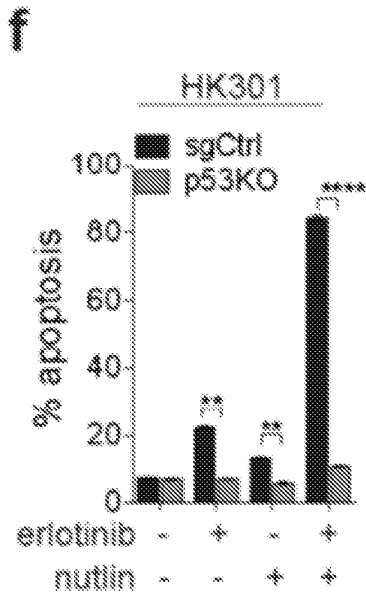


FIG. 24G

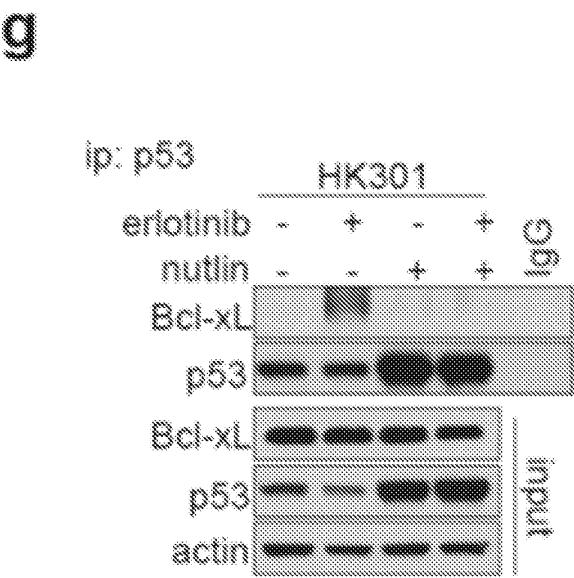


FIG. 25A

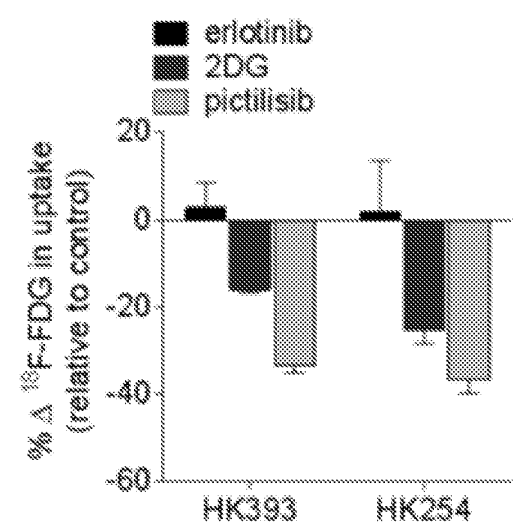


FIG. 25B

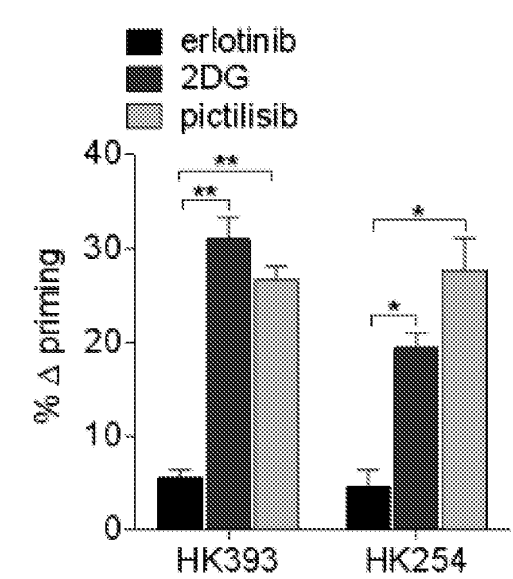


FIG. 25C

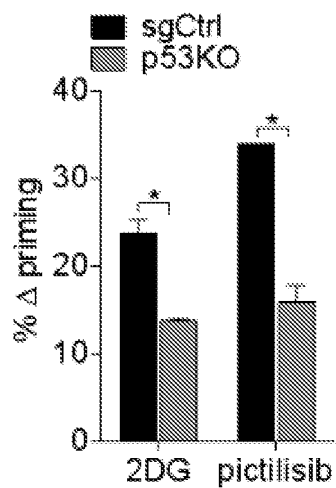


FIG. 25D

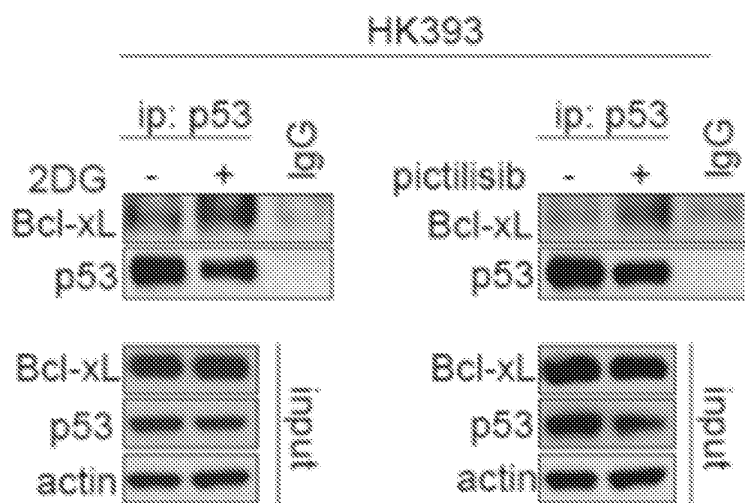
e

FIG. 25E

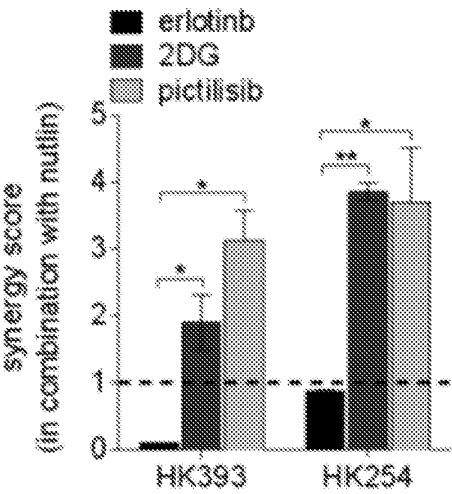


FIG. 25F

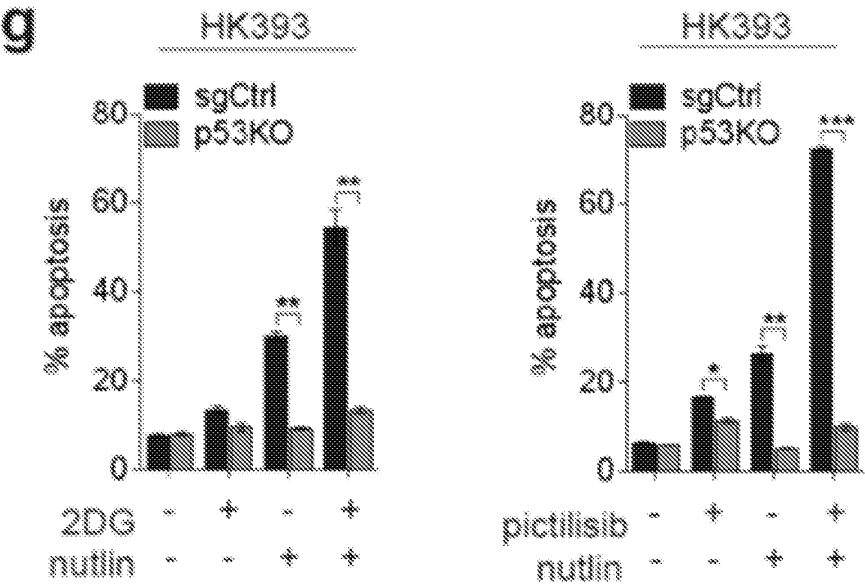


FIG. 26A

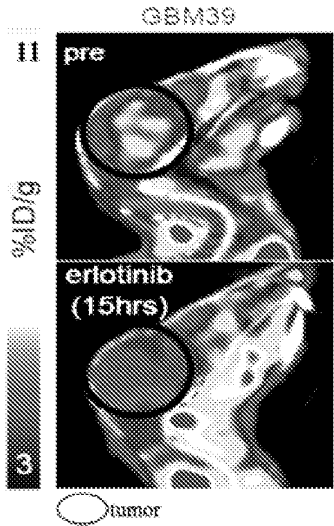


FIG. 26B

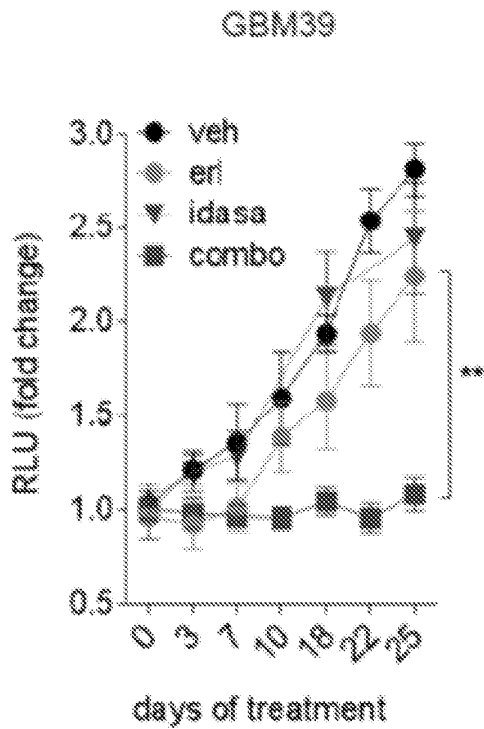


FIG. 26C

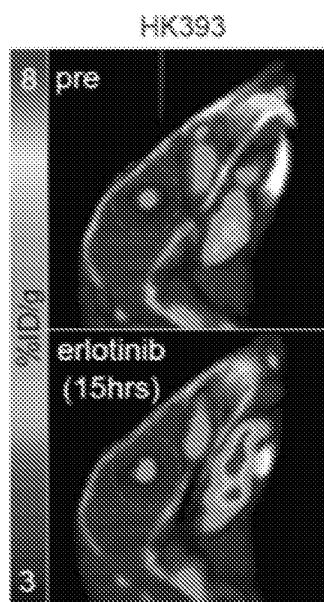


FIG. 26D

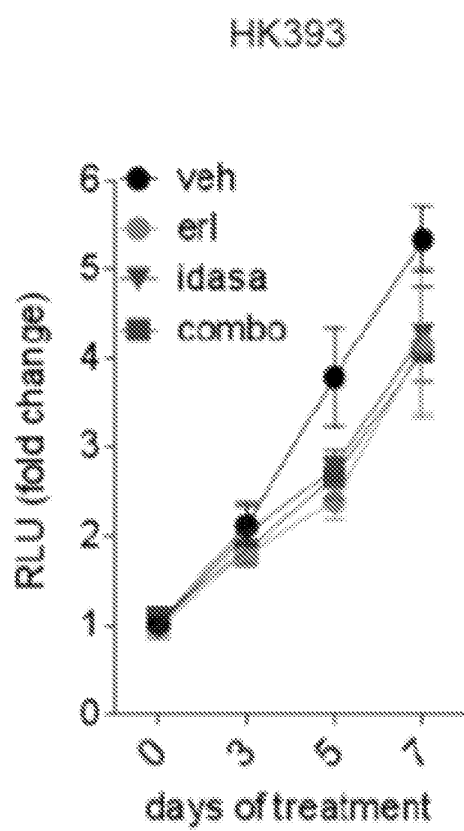


FIG. 26E

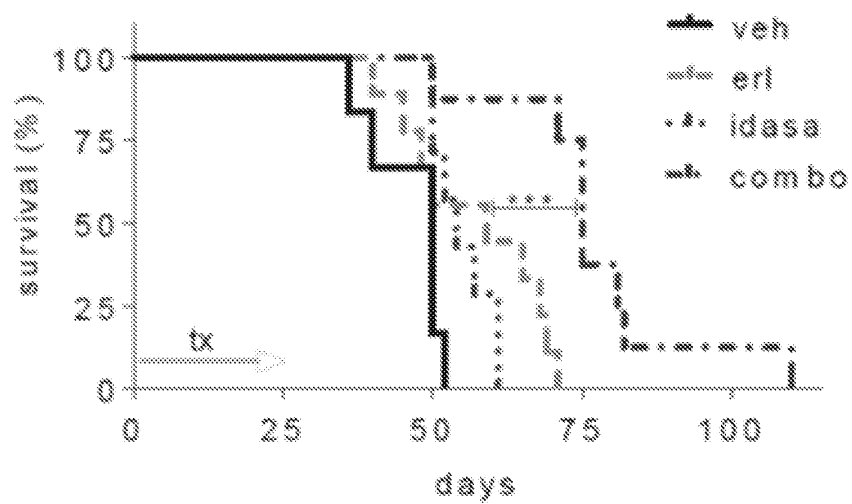


FIG. 26F

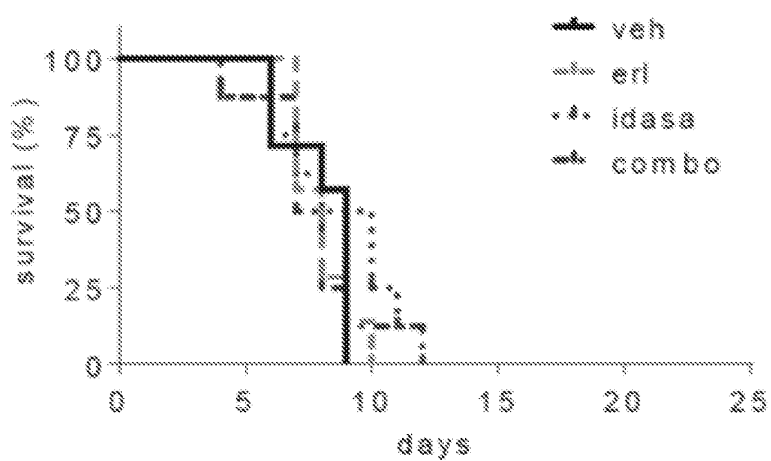


FIG. 26G

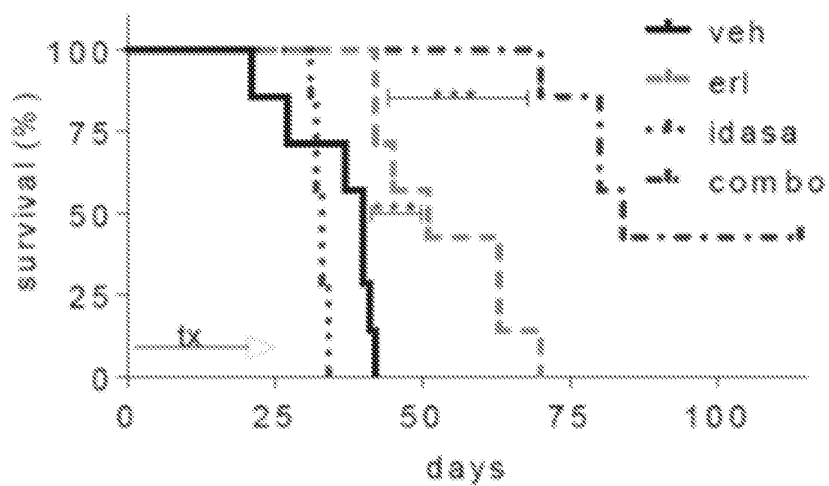


FIG. 26H

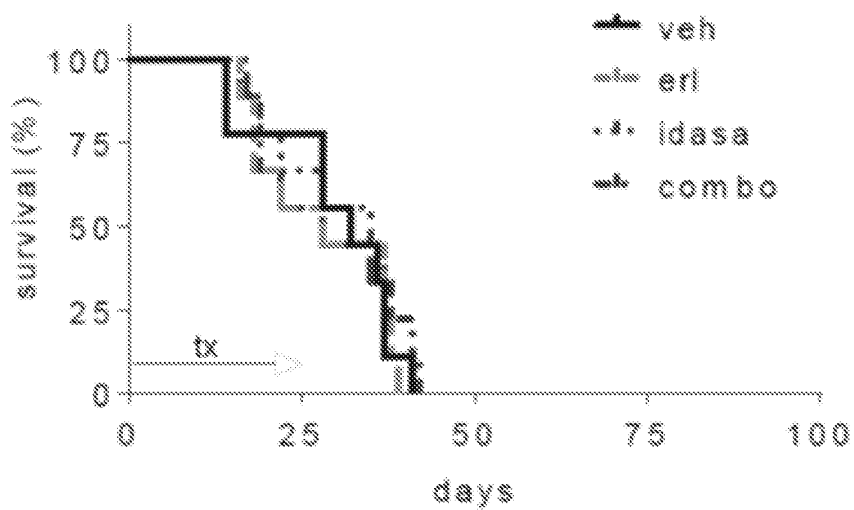


FIG. 27A

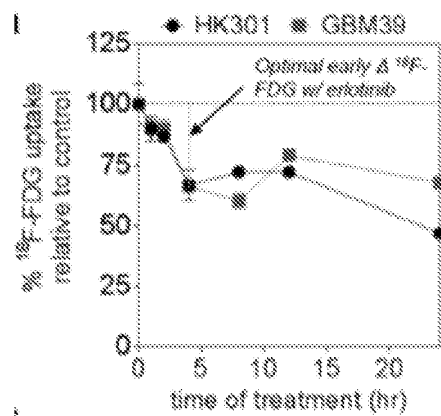


FIG. 27B

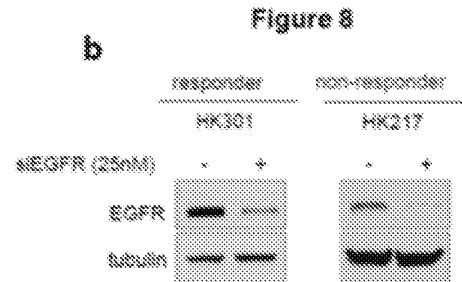


FIG. 27C

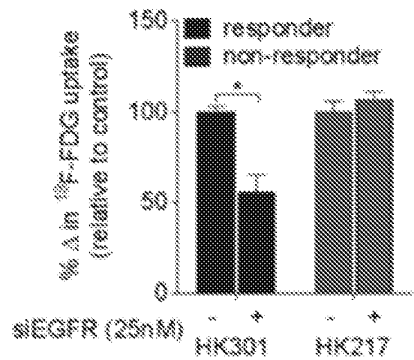


FIG. 27D

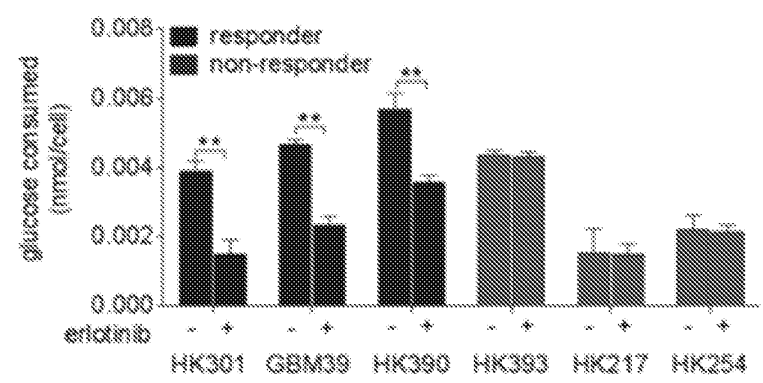


FIG. 27E

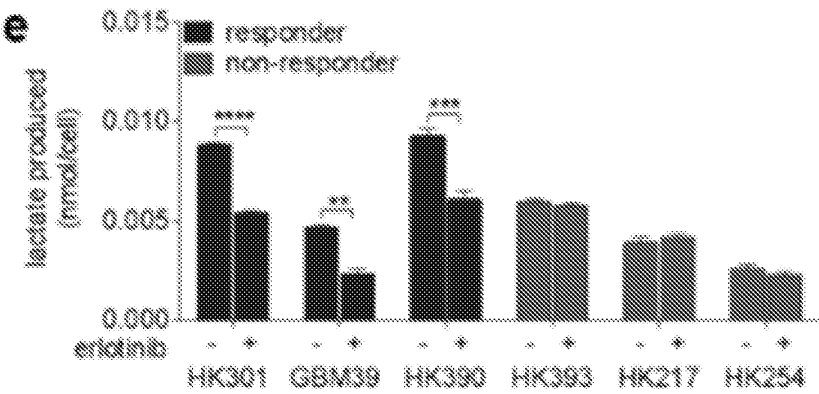


FIG. 27F

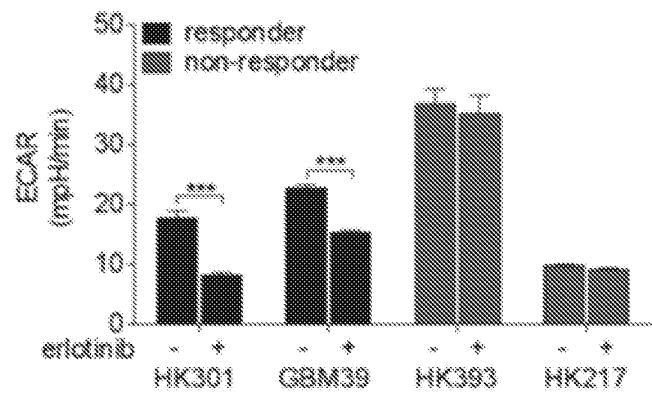


FIG. 27G

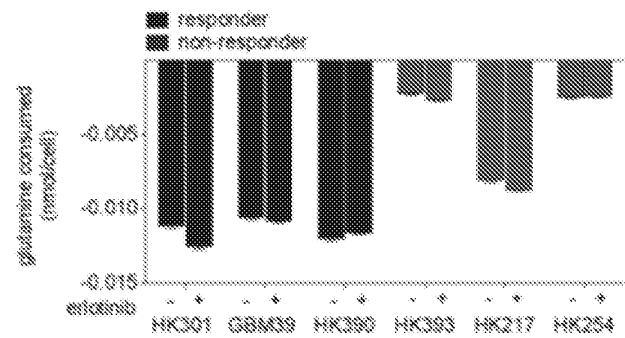


FIG. 28A

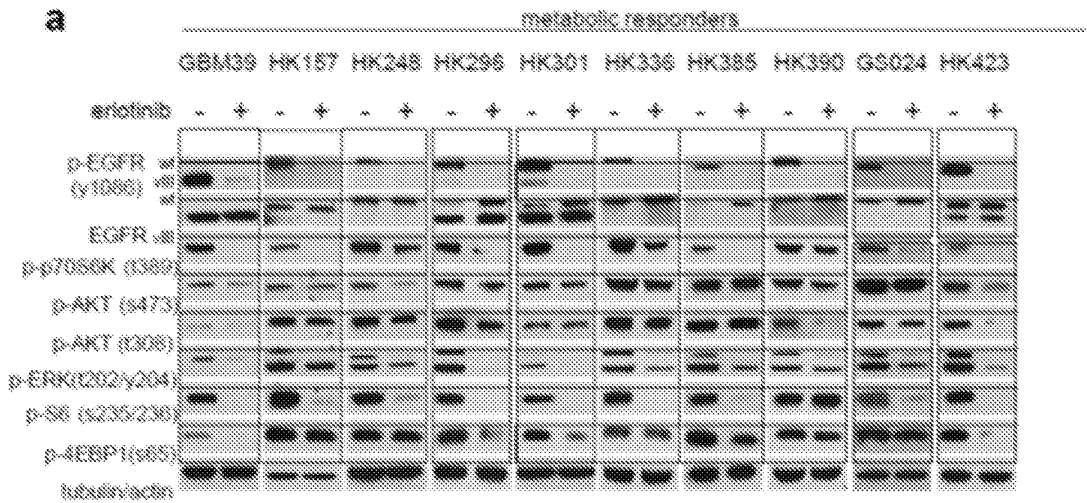


FIG. 28B

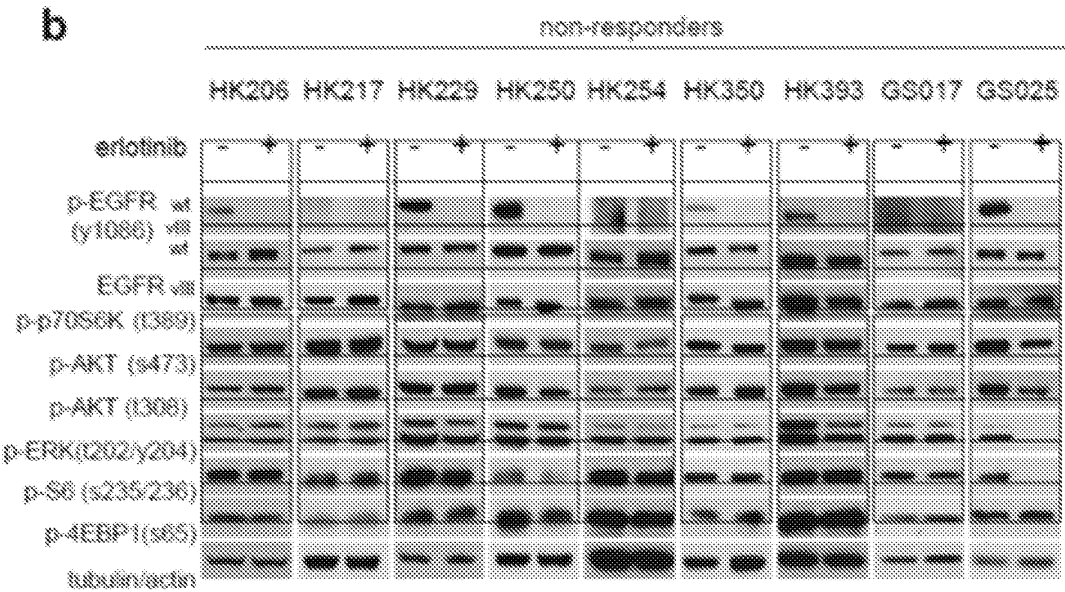


FIG. 29A

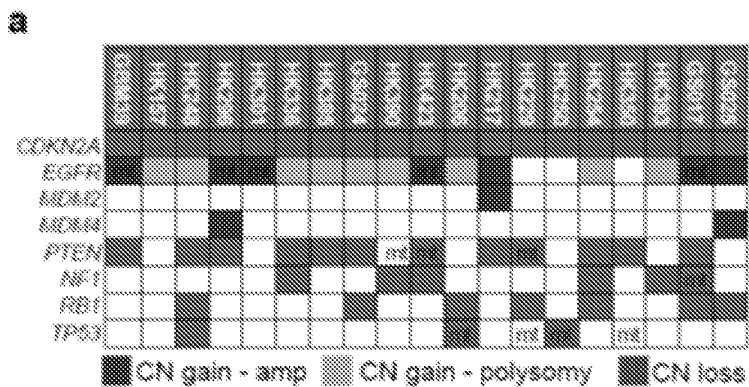


FIG. 29B

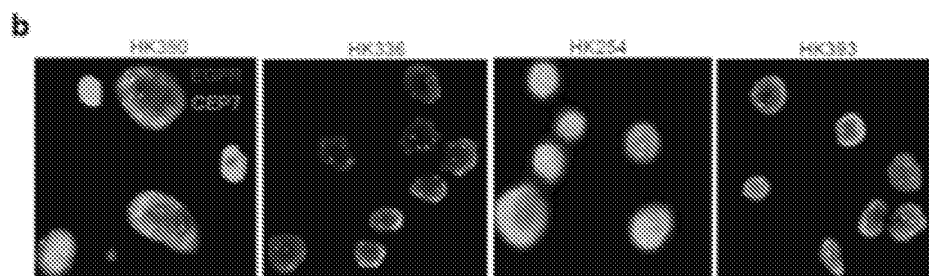
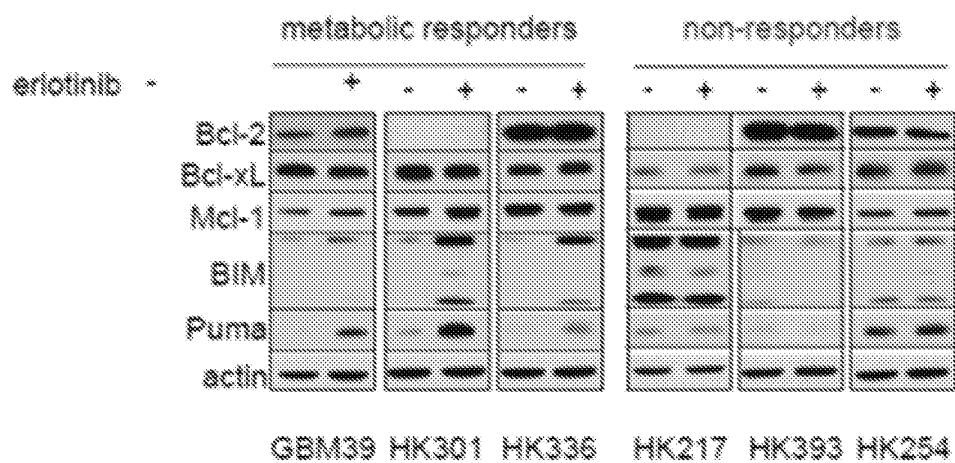


FIG. 30A



metabolic responders

non-responders

.....

~~~~~



360

304

No. 1

CM

## Puno

cc:in

GSM3

XX201

XX325

KK217

XX393

~~KK254~~

FIG. 30B

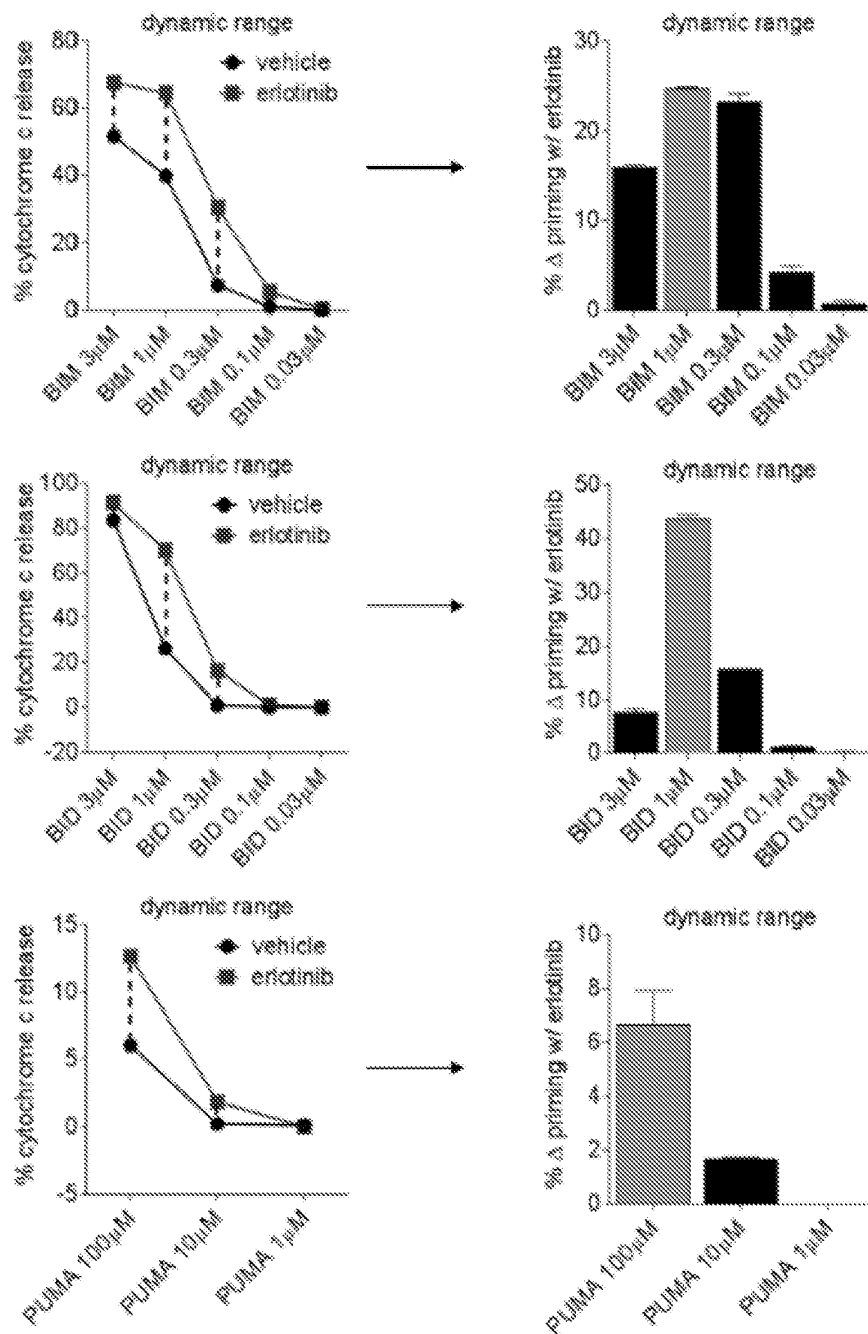


FIG 31A

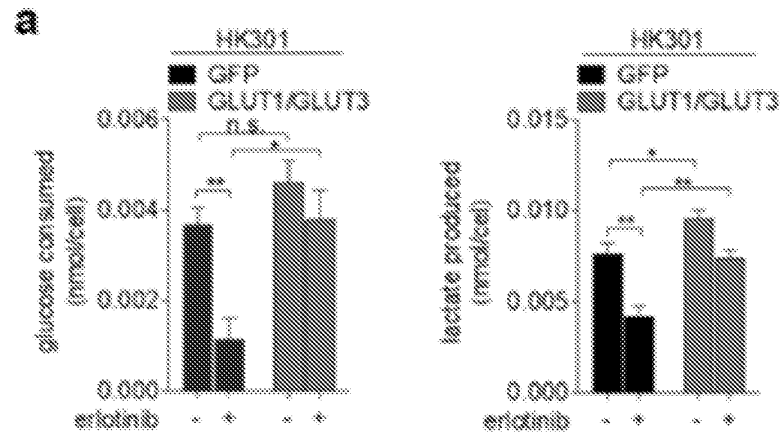


FIG 31B

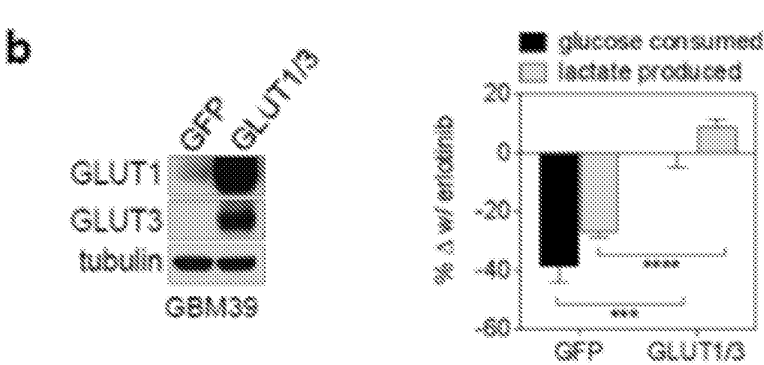


FIG. 31C

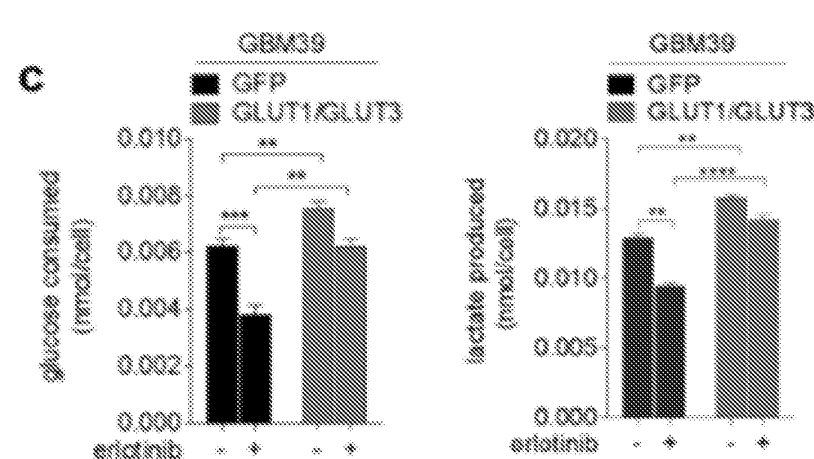


FIG. 32A

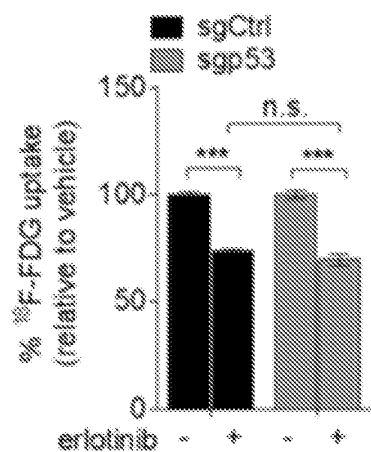


FIG. 32B

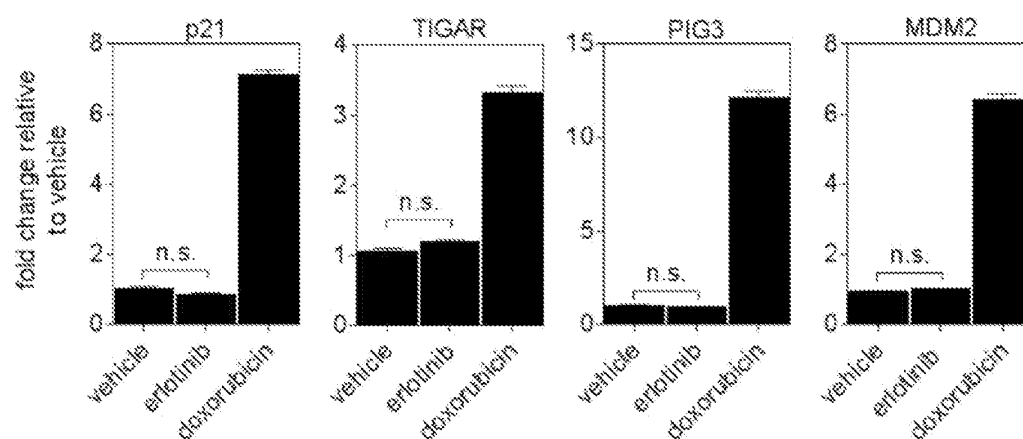


FIG. 32C

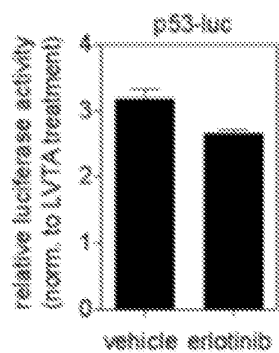


FIG. 32D

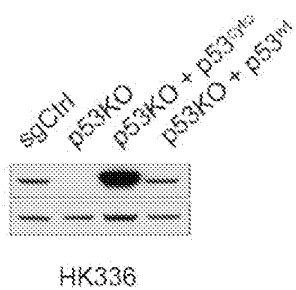
**d**

FIG. 32E

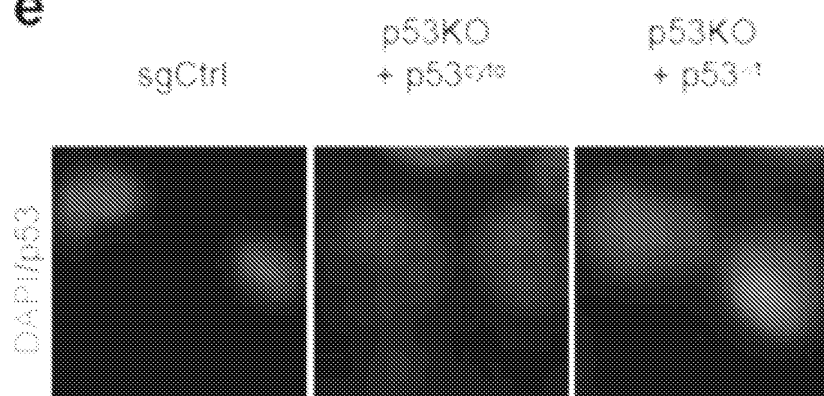
**e**

FIG. 32F

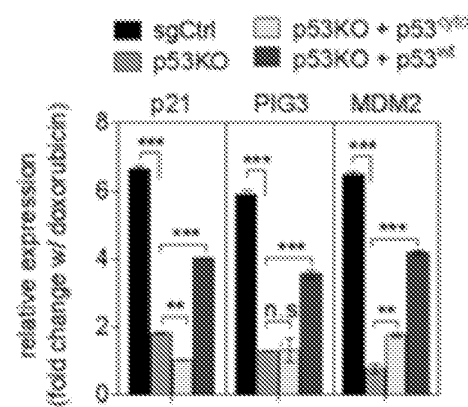


FIG. 32G

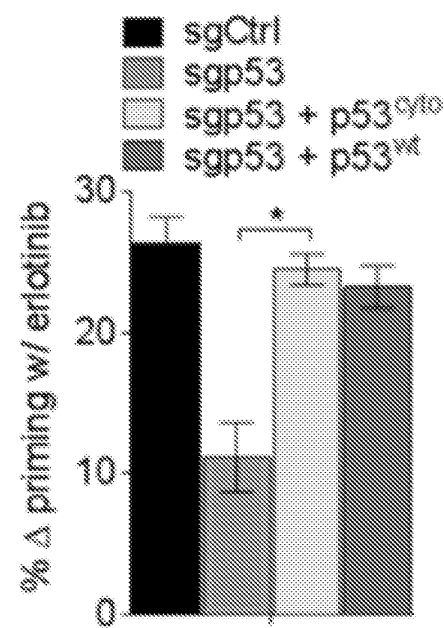


FIG. 32H

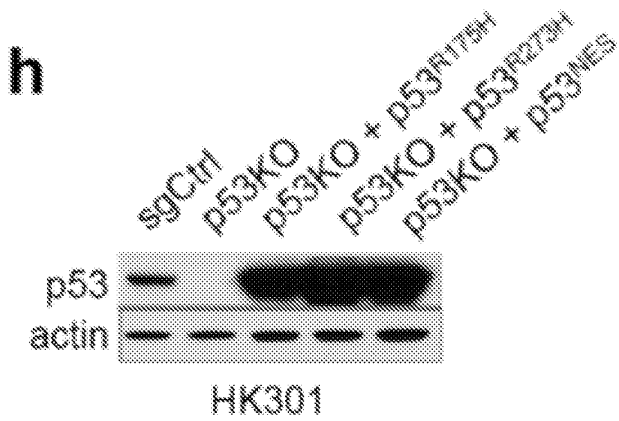


FIG. 32I

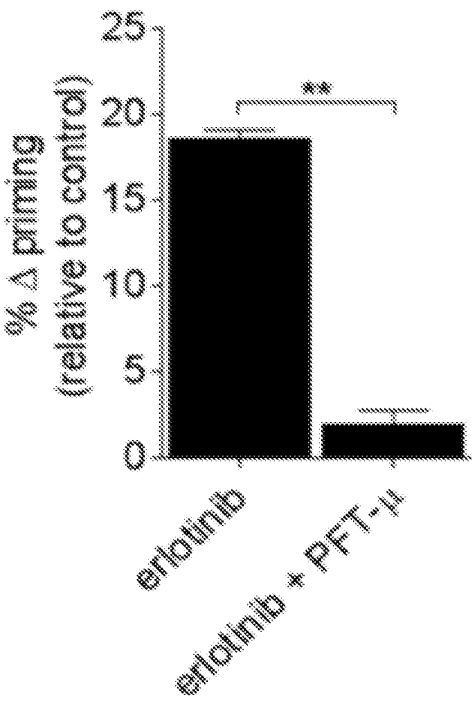


FIG. 33A

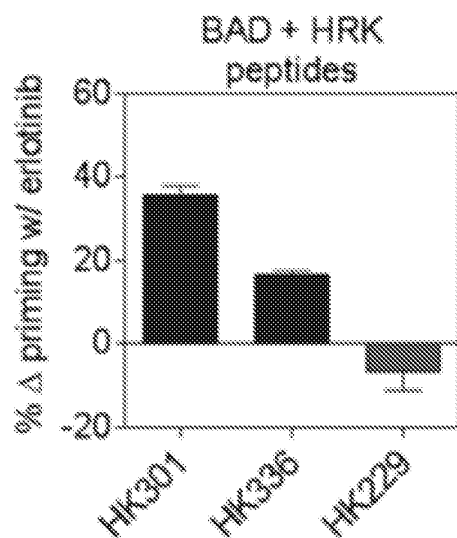


FIG. 33B

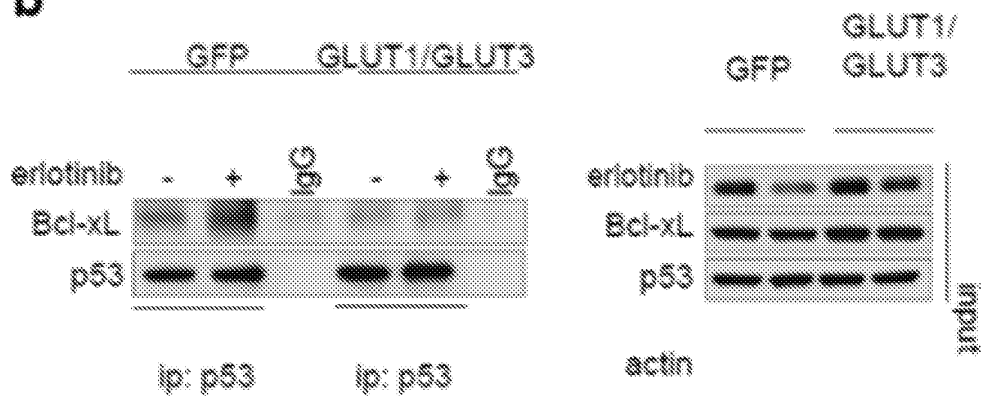
**b**

FIG. 33C

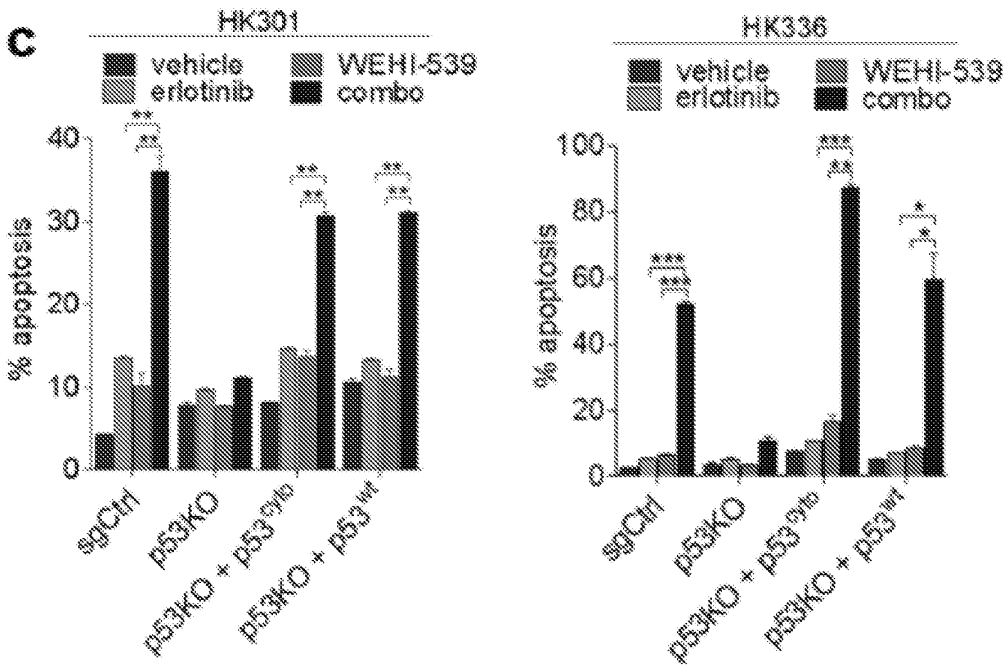


FIG. 33D

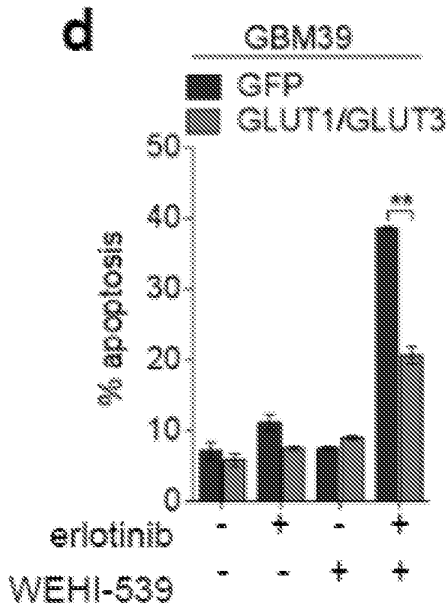


FIG. 34A

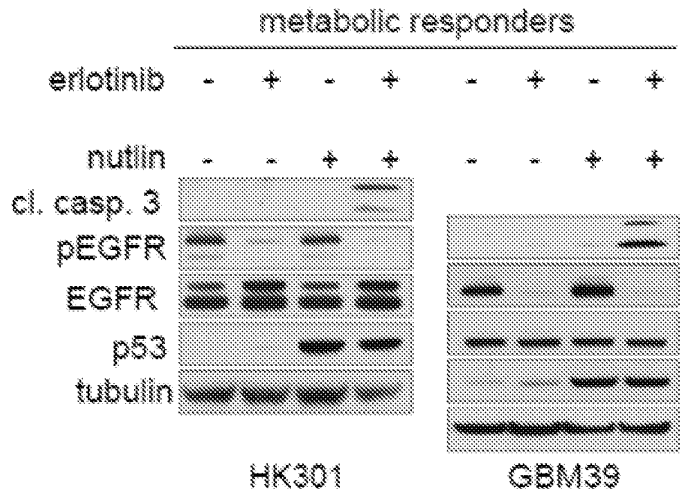


FIG. 34B

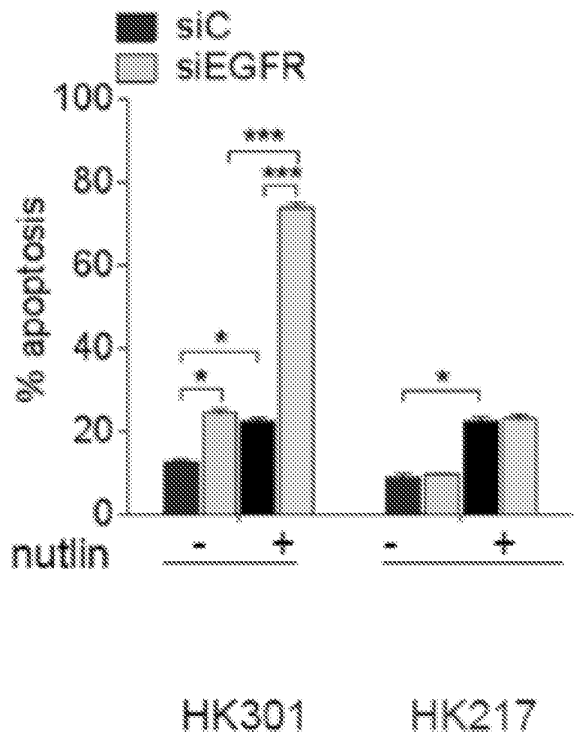


FIG. 34C

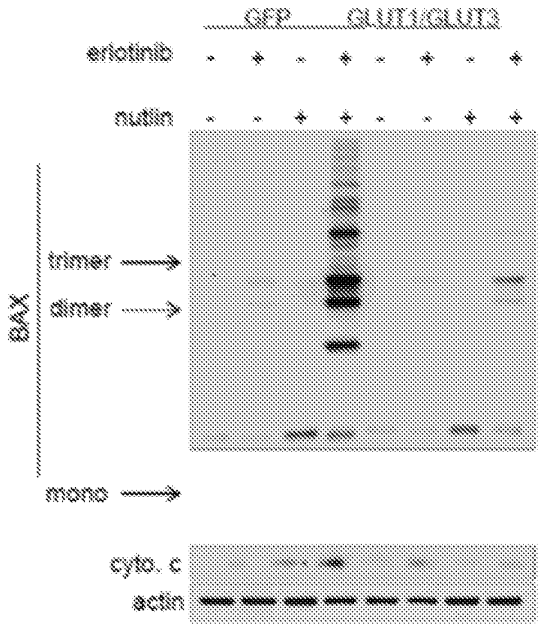


FIG. 34D

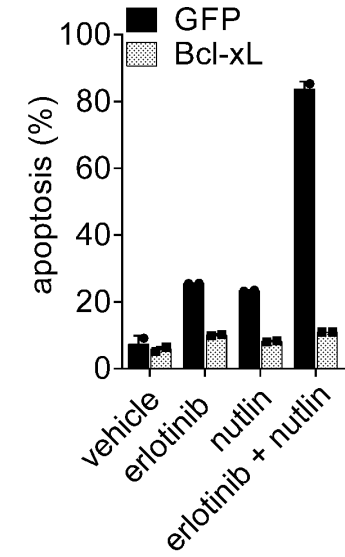


FIG. 34E

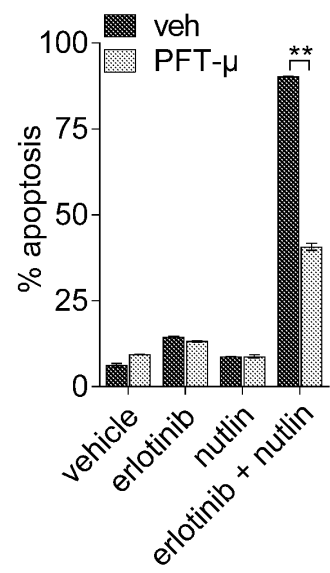


FIG. 34F

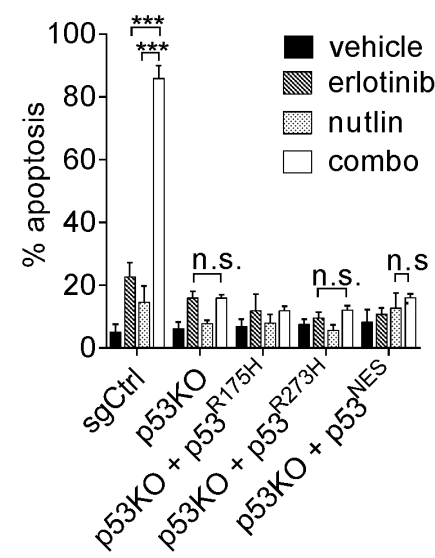


FIG. 34G

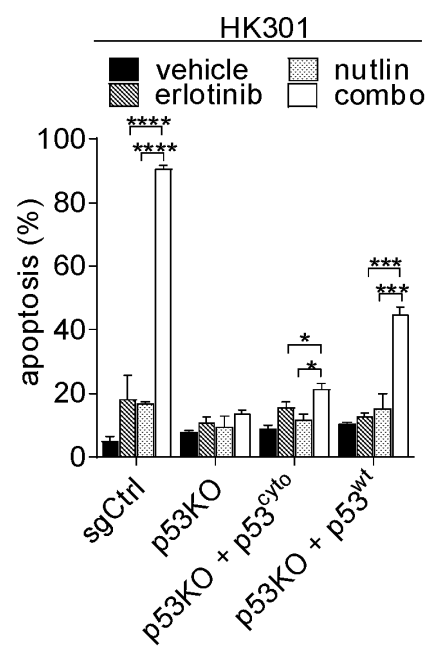


FIG. 34H

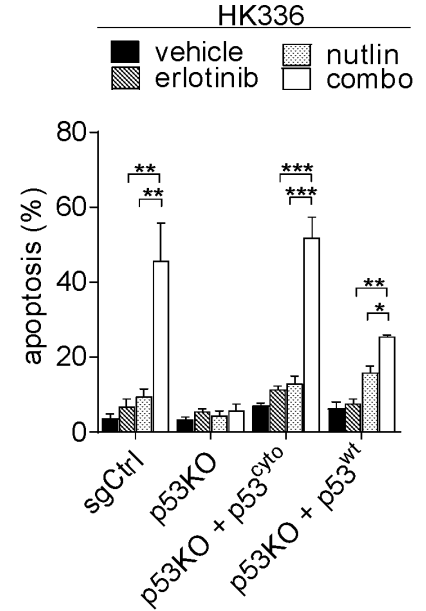


FIG. 35A

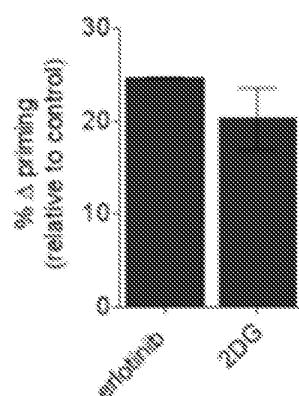


FIG. 35B

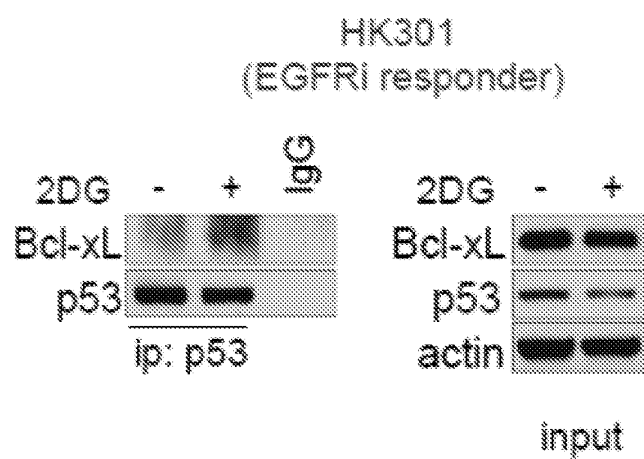


FIG. 35C

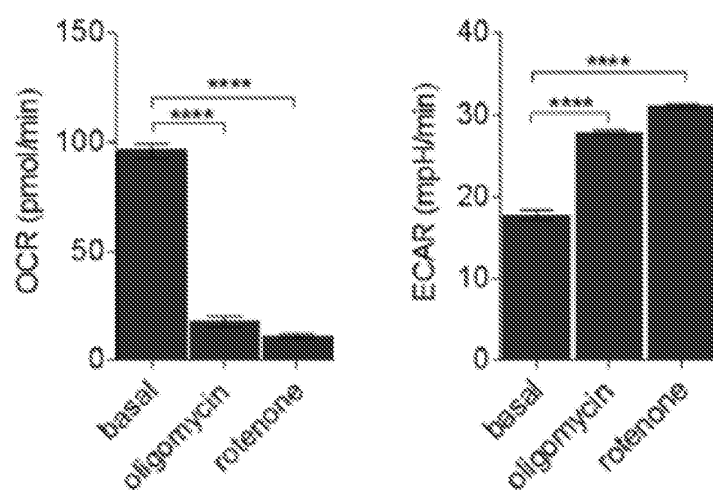


FIG. 35D

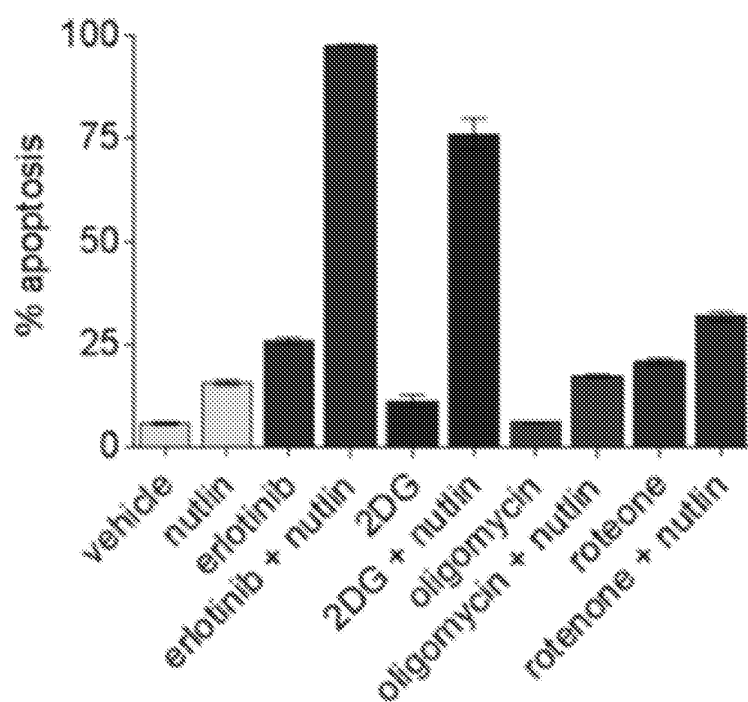


FIG. 35E

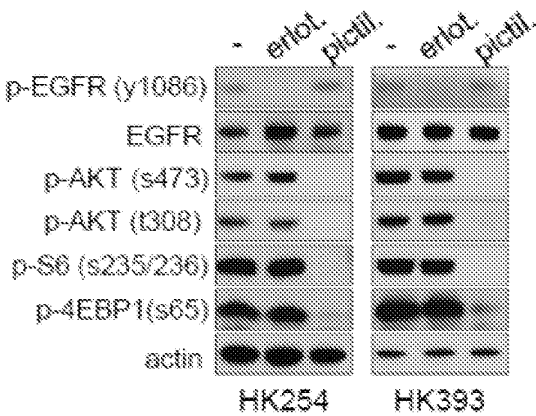


FIG. 35F

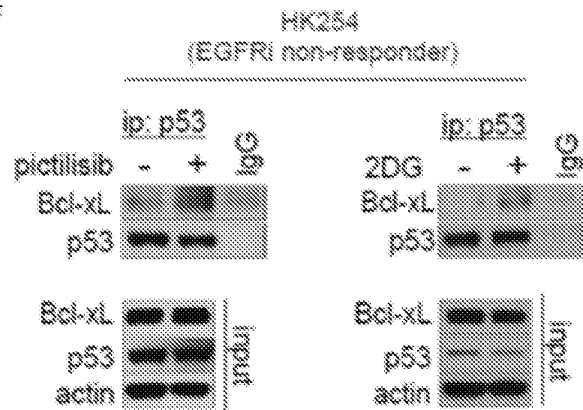


FIG. 36A

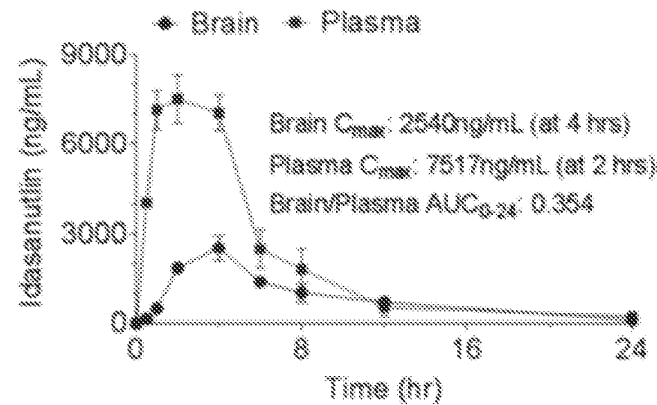


FIG. 36B

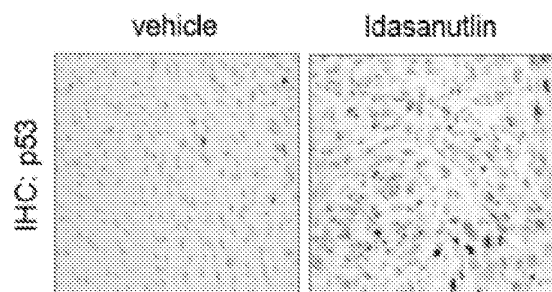


FIG. 36C

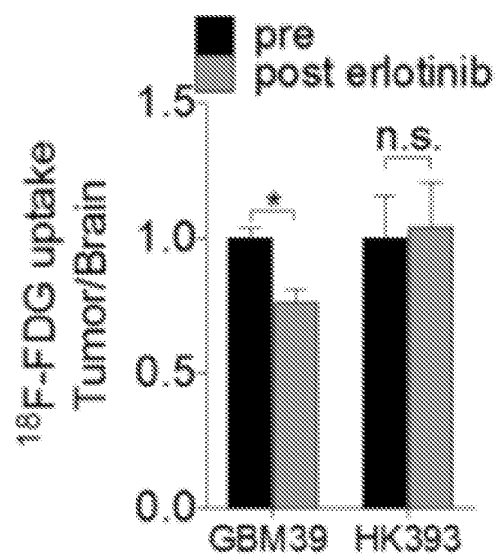


FIG. 36D

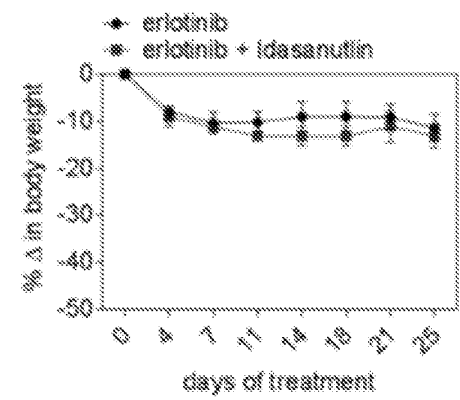


FIG. 37A

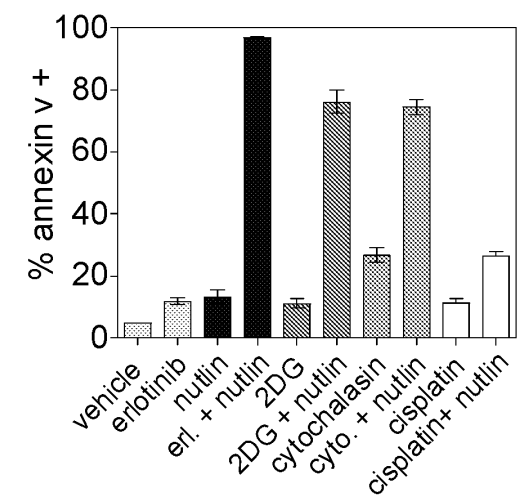


FIG. 37B

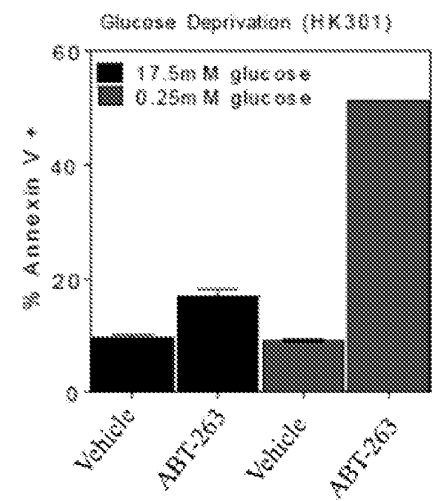


FIG. 37C

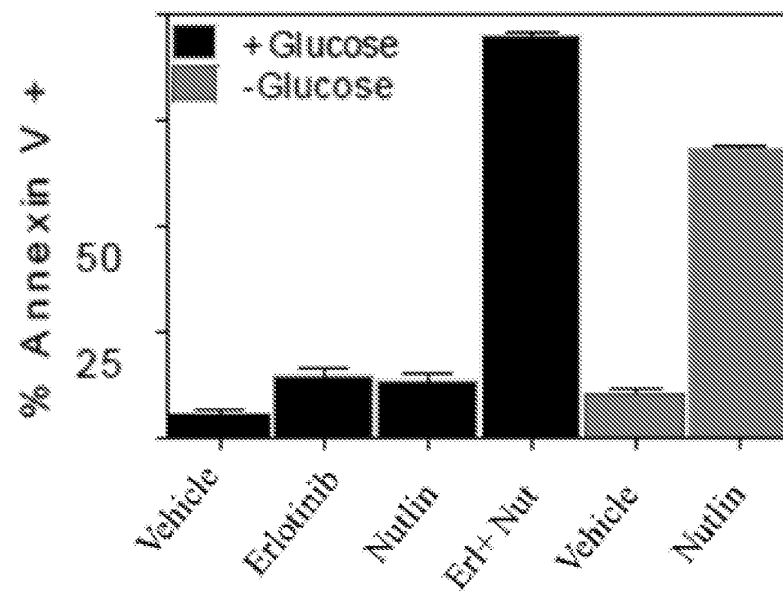
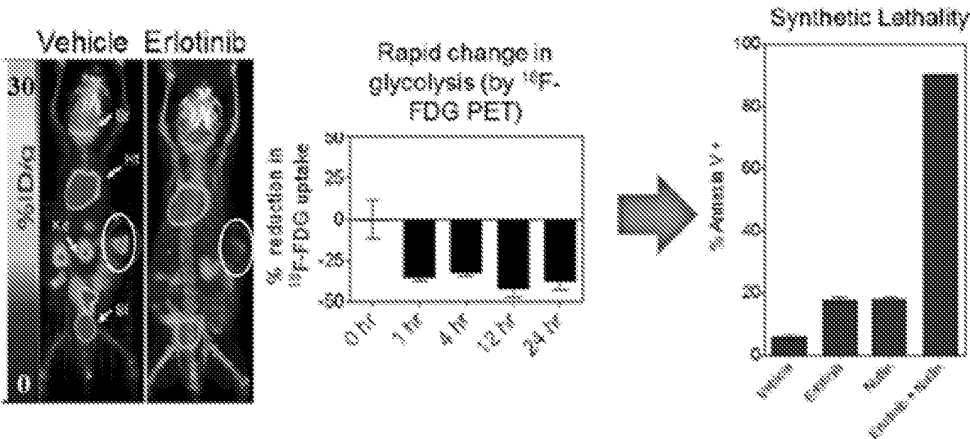


FIG. 38

<sup>18</sup>F-FDG PET Tumor 1 (white circle)



<sup>18</sup>F-FDG PET Tumor 2 (white circle)

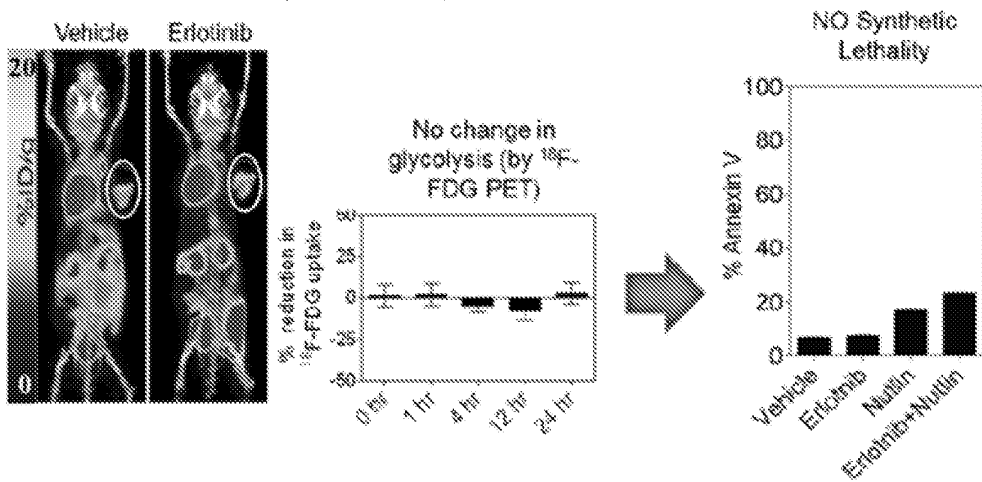


FIG. 39A

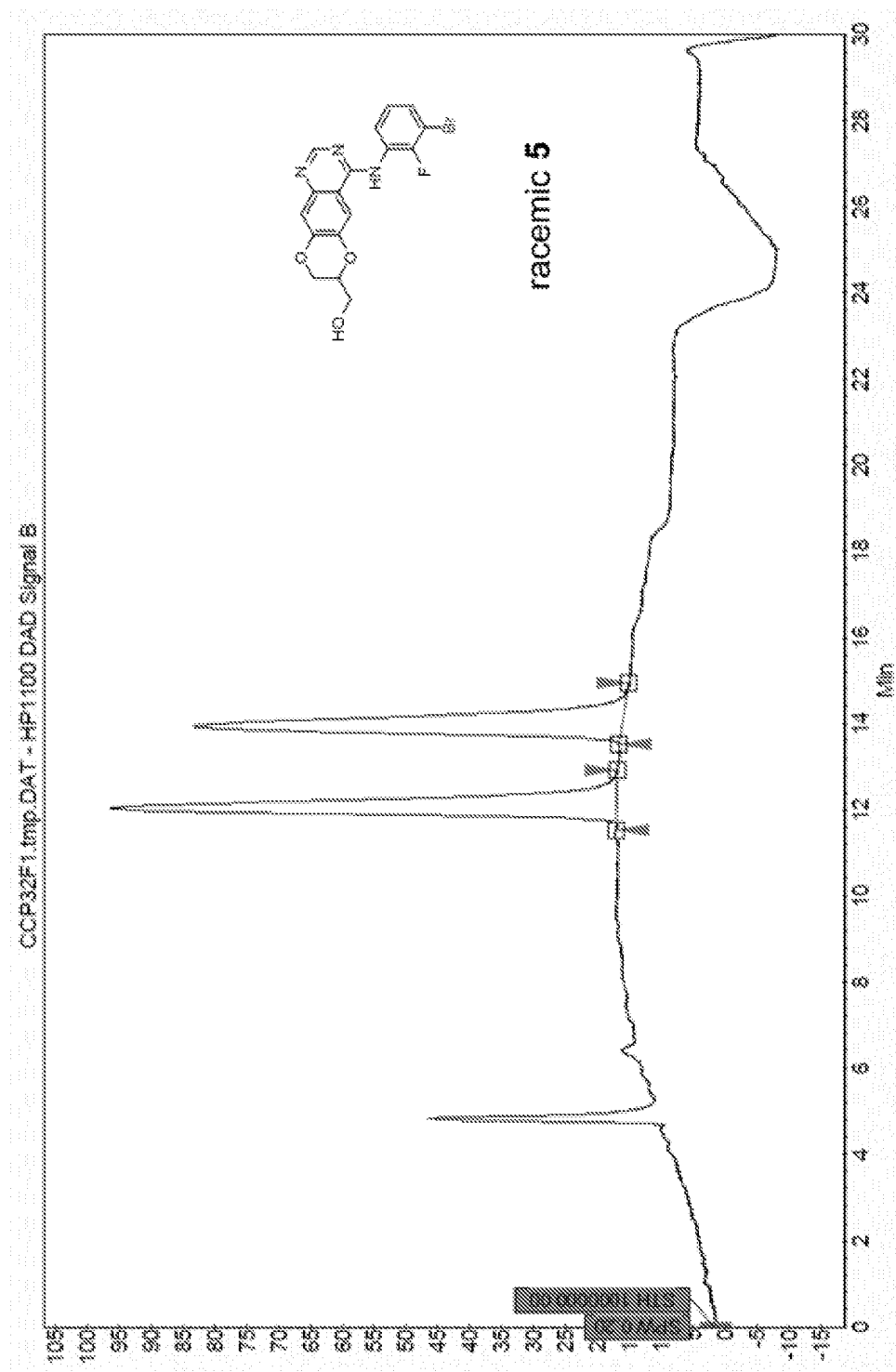


FIG. 39B

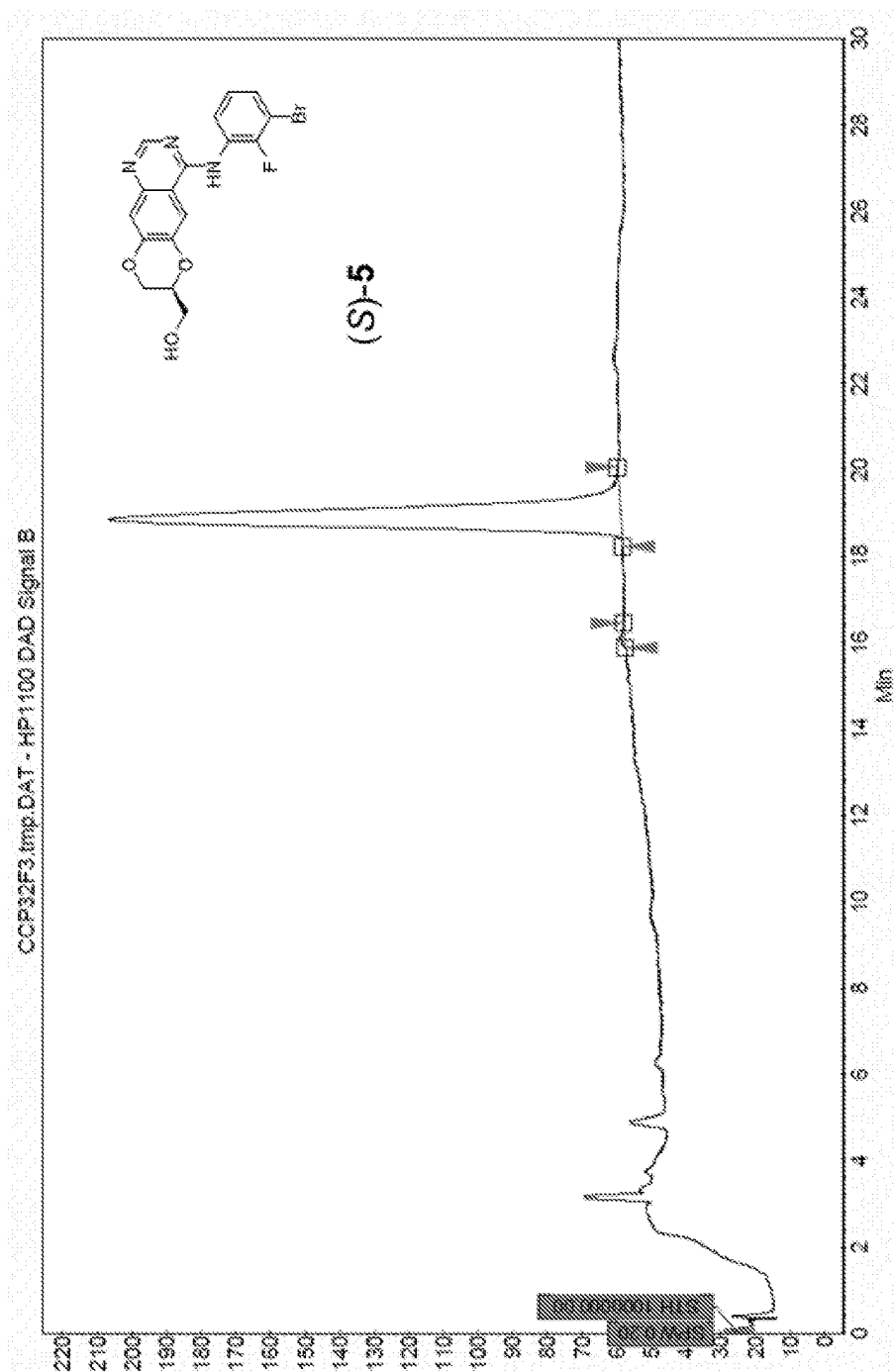


FIG. 39C

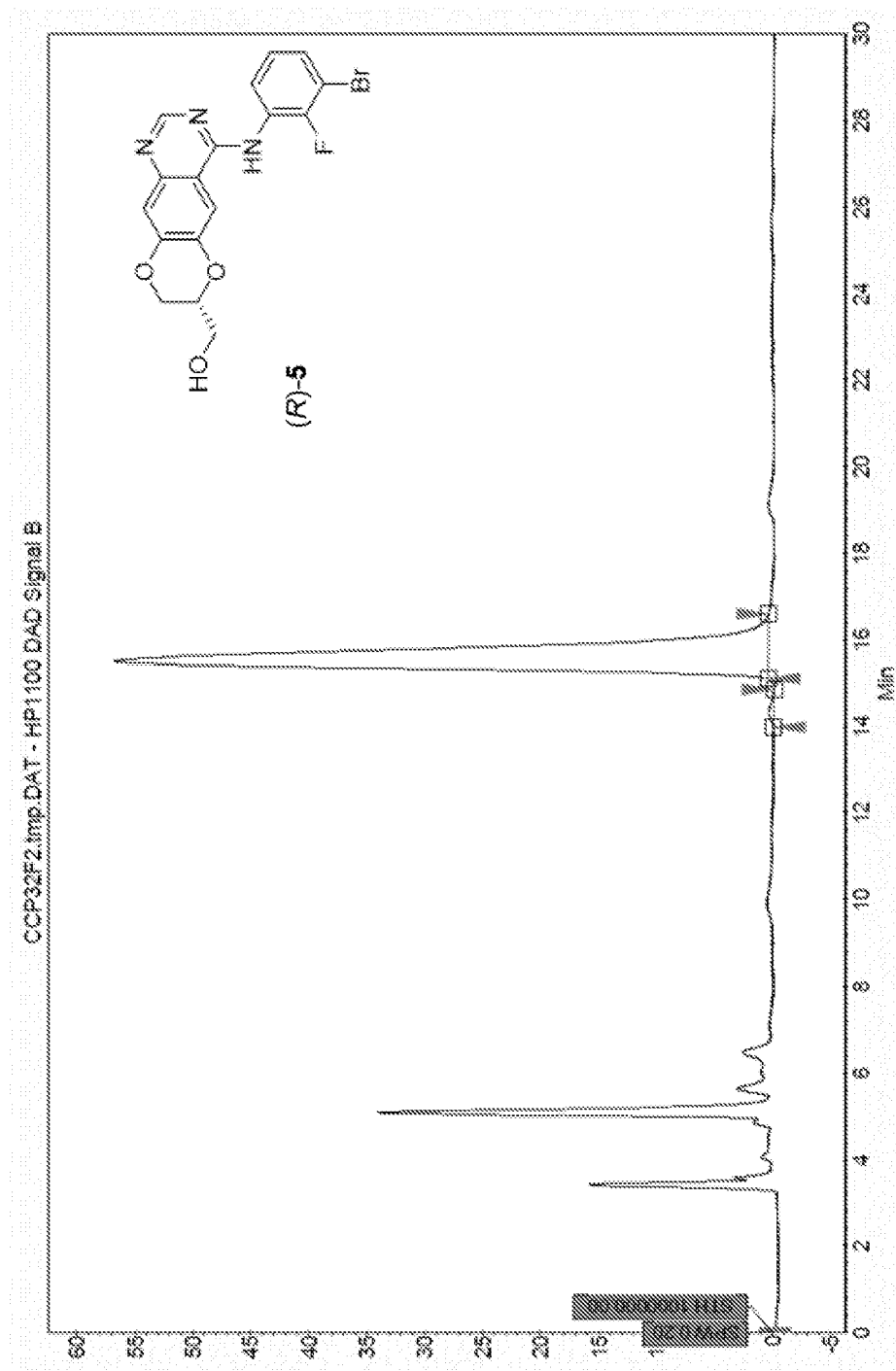


FIG. 39D

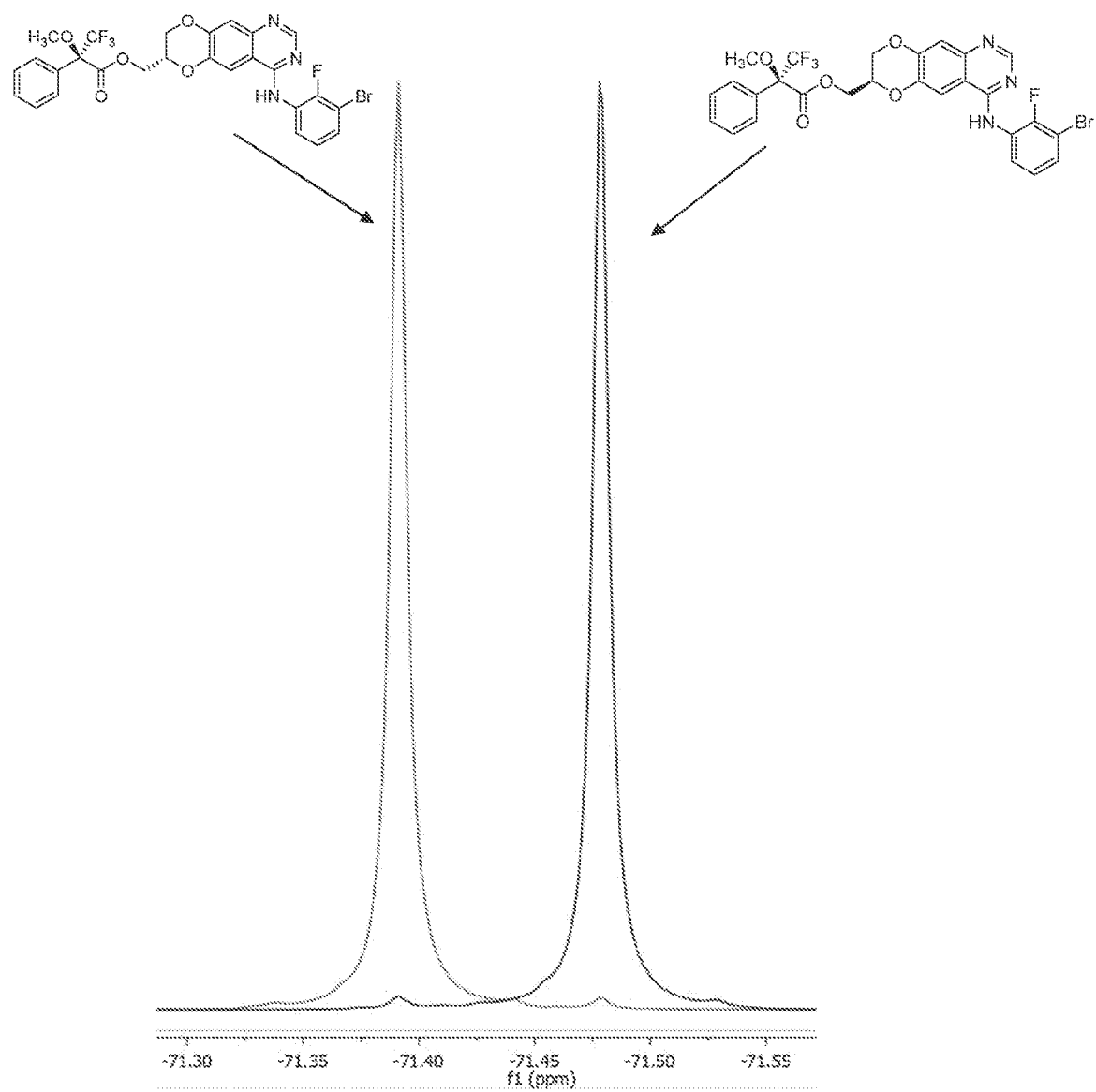


FIG. 40

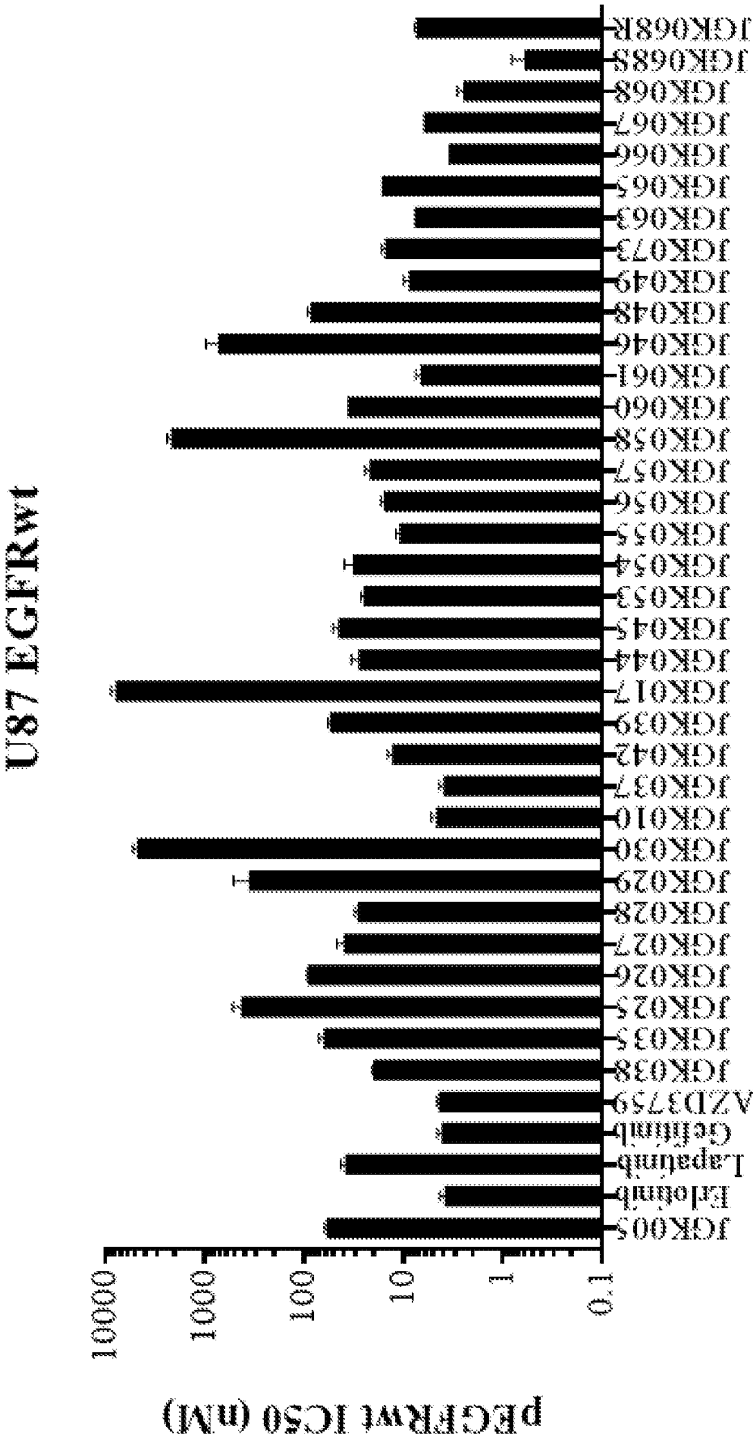


FIG. 41

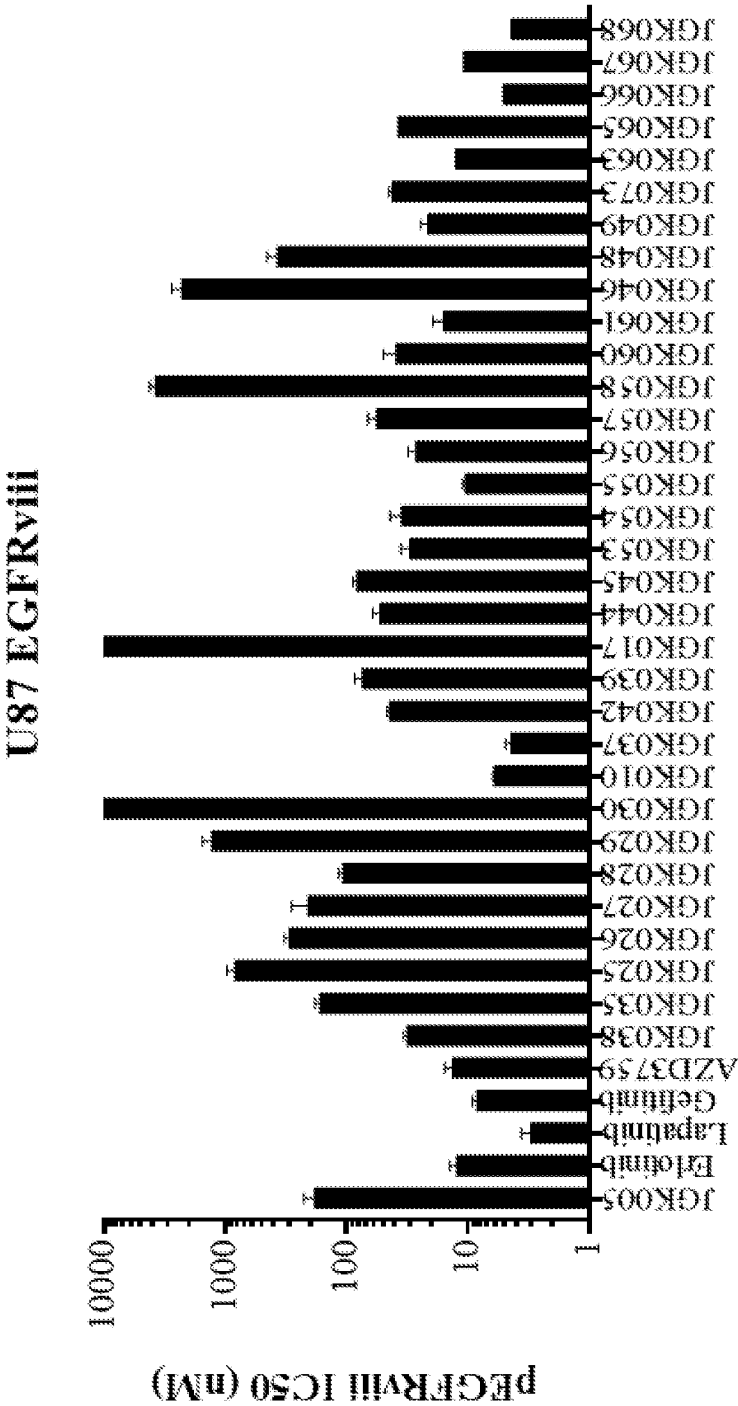


FIG. 42

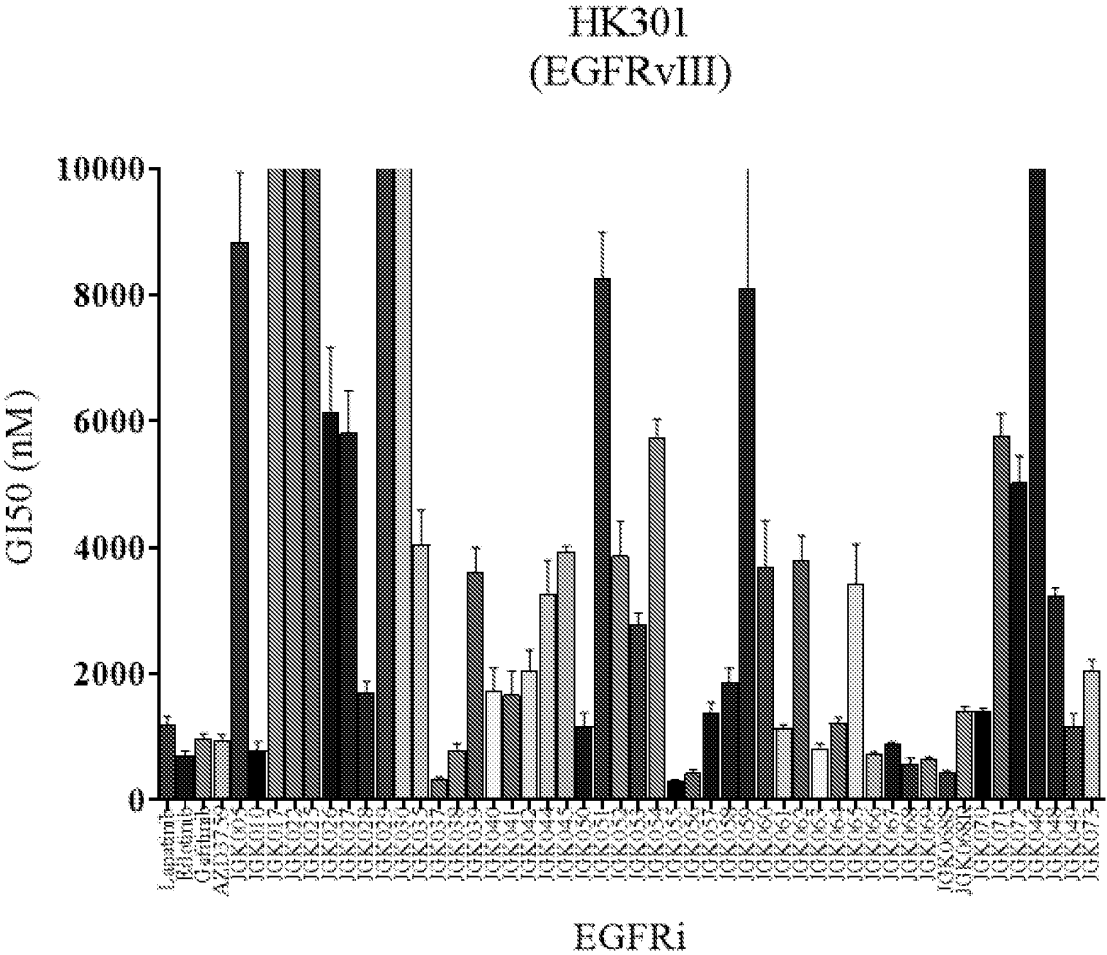


FIG. 43

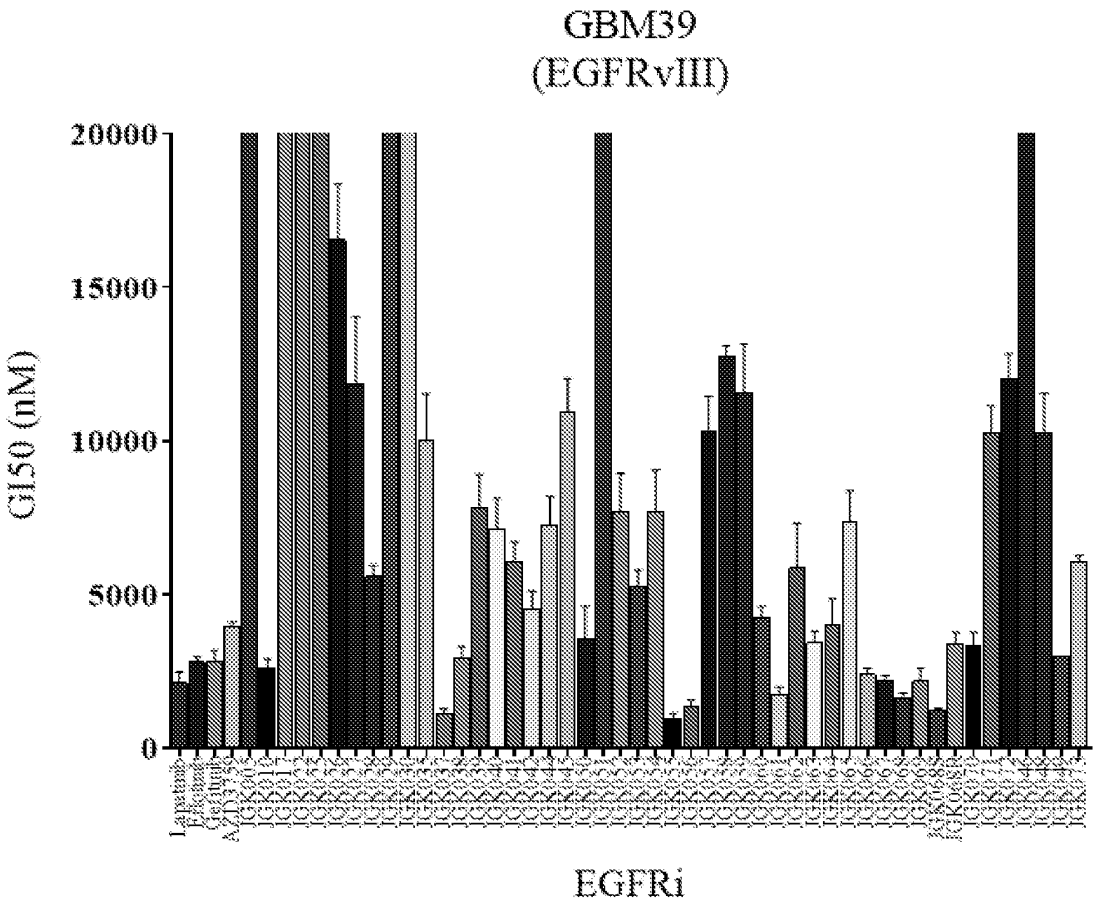


FIG. 44

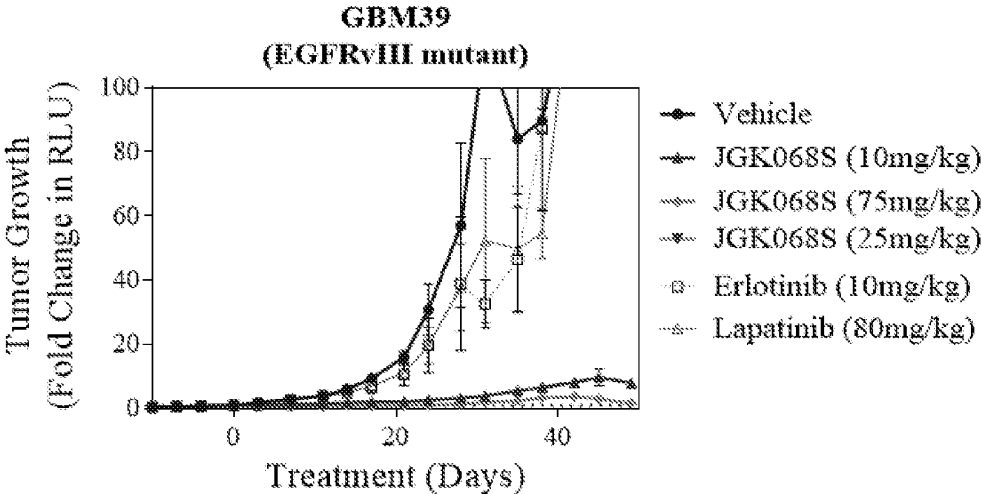


FIG. 45A

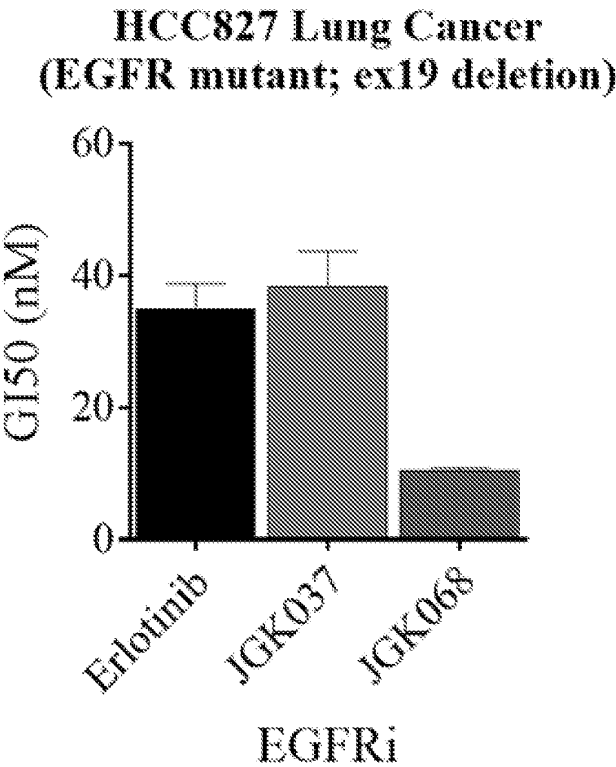


FIG. 45B

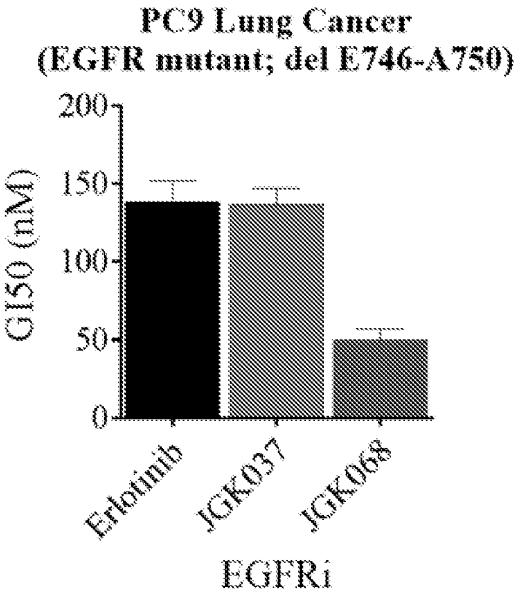


FIG. 45C

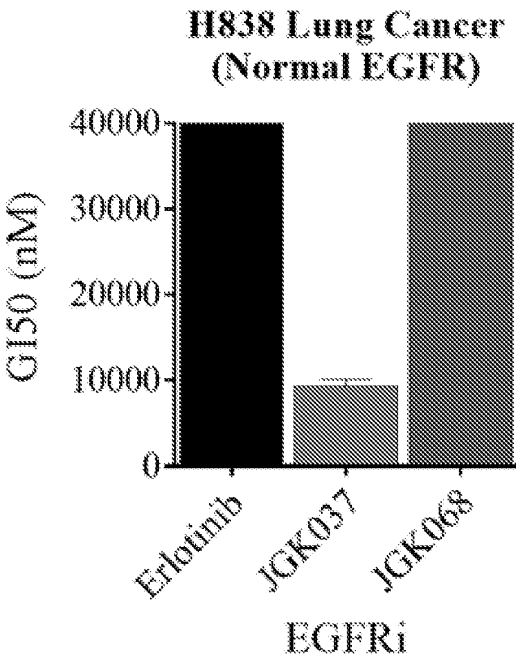
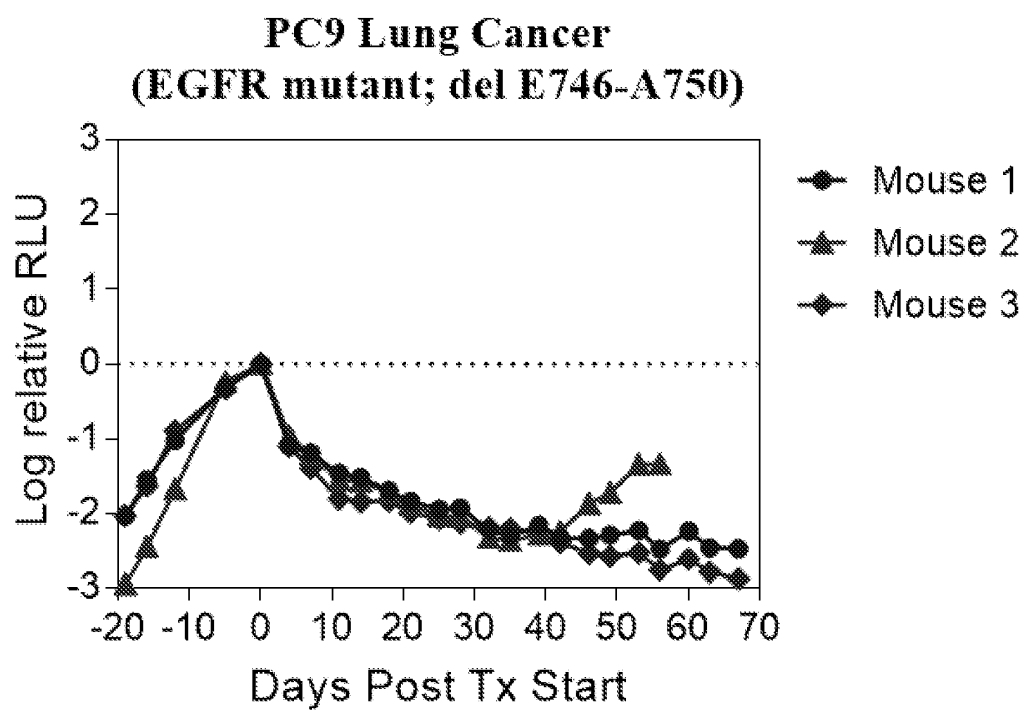


FIG. 46



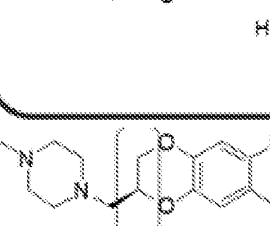
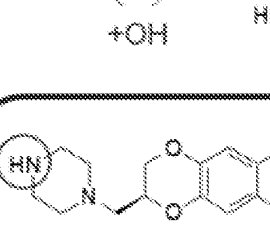
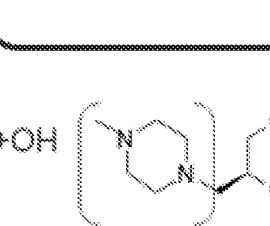
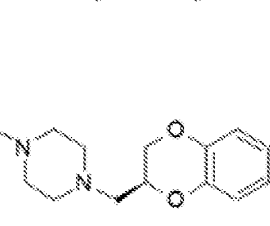
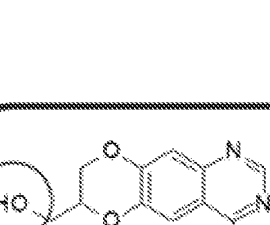
1.  JCN068S
2. 
3.  JCN083S
4. 
5. 
6.  JCN082S

FIG. 48A

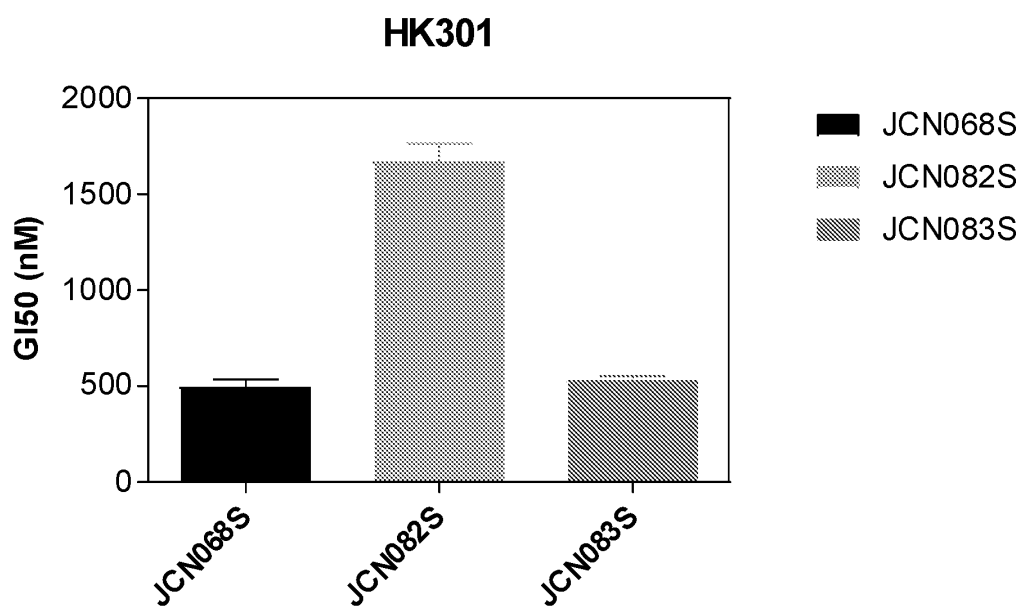


FIG. 48B

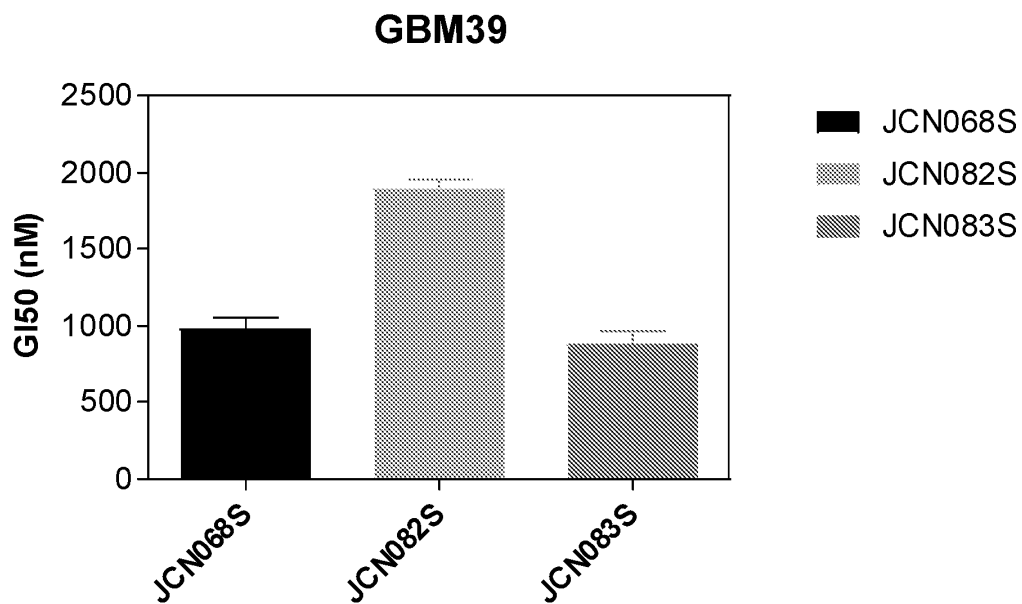


FIG. 48C

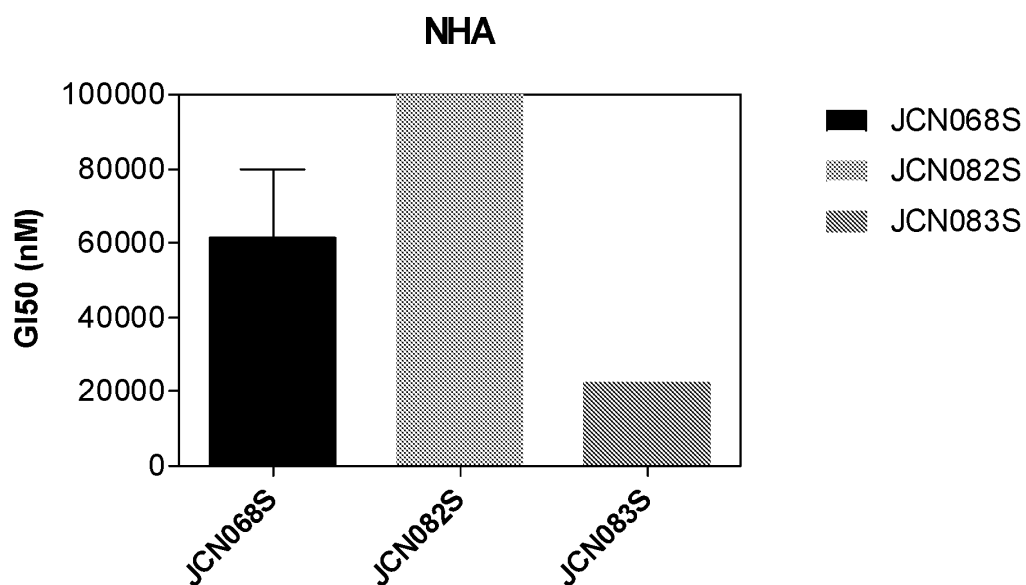


FIG. 49A

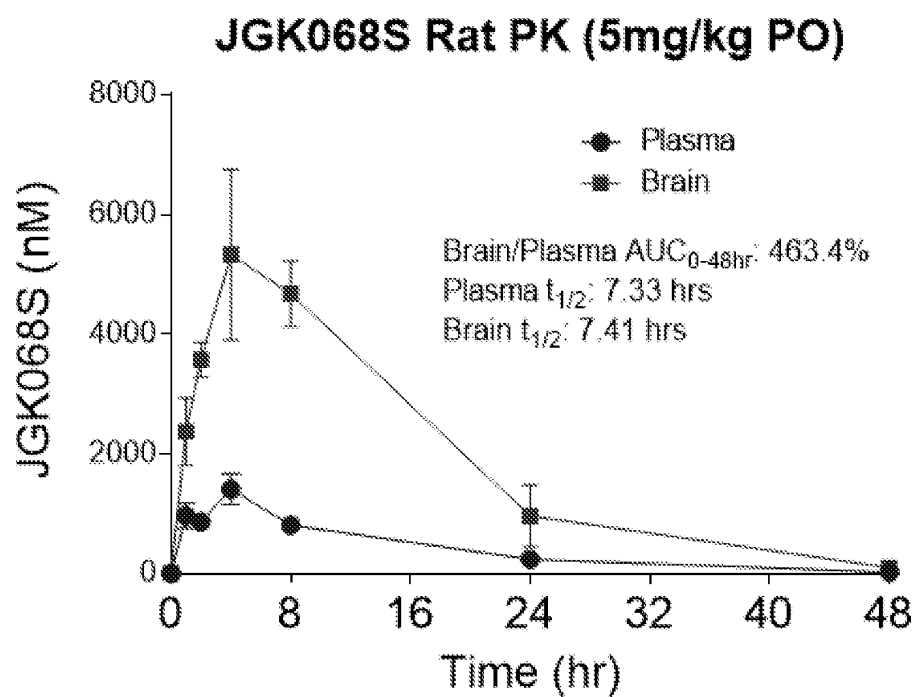


FIG. 49B

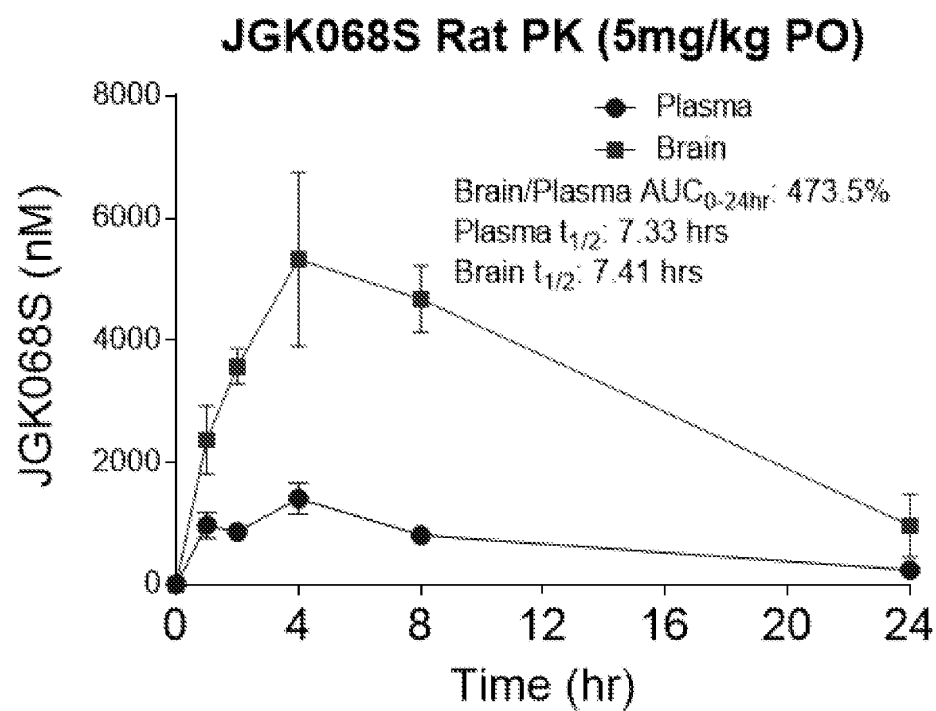


FIG. 50A

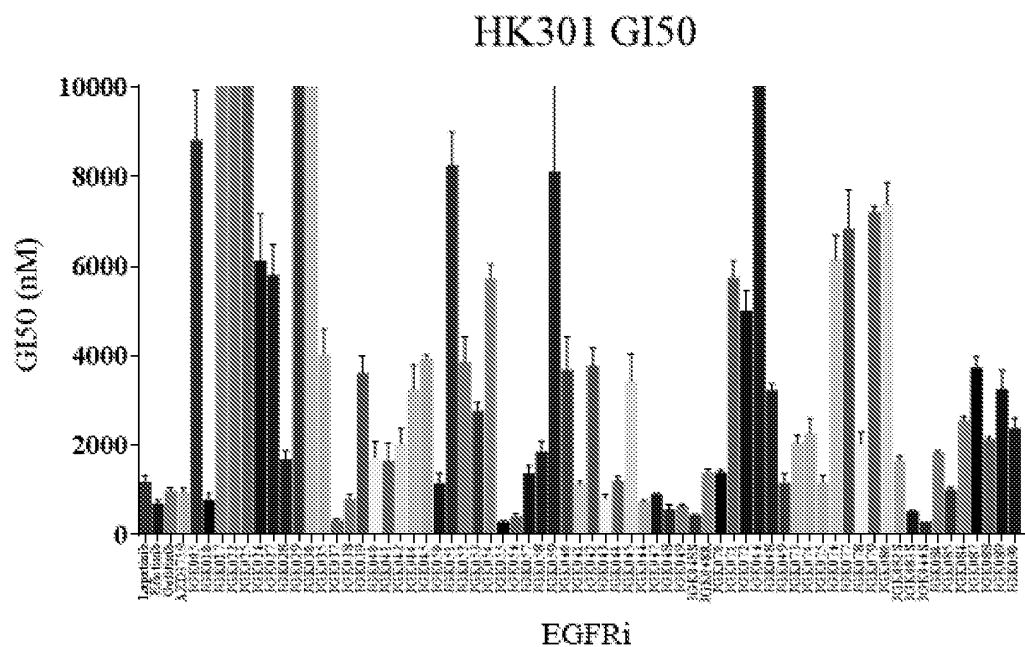


FIG. 50B

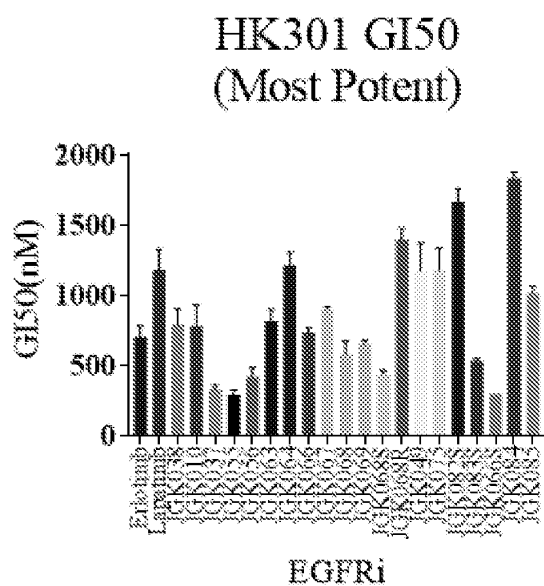


FIG. 51A

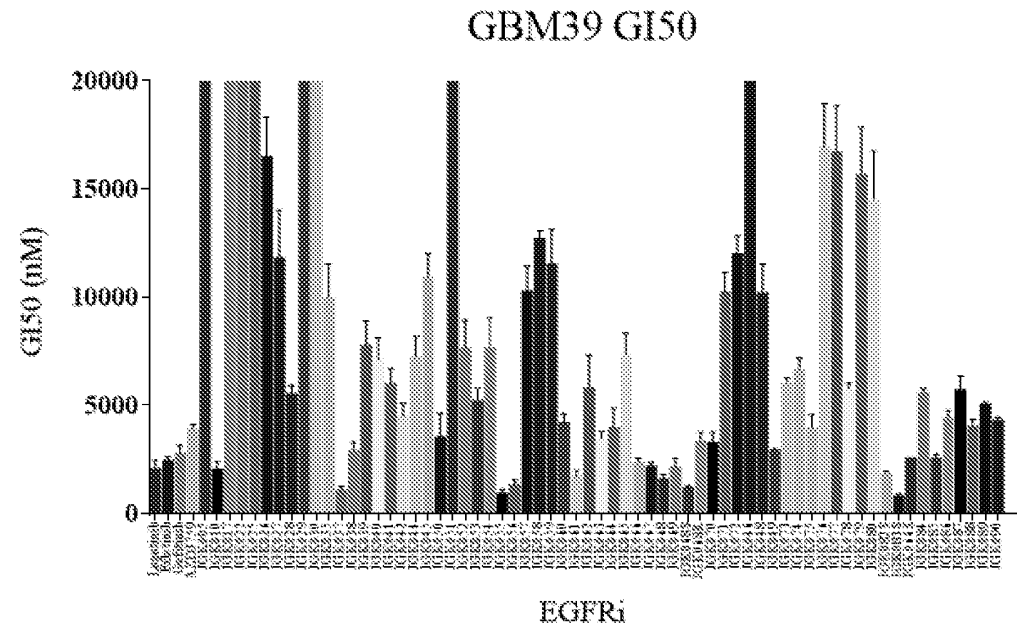


FIG. 51B

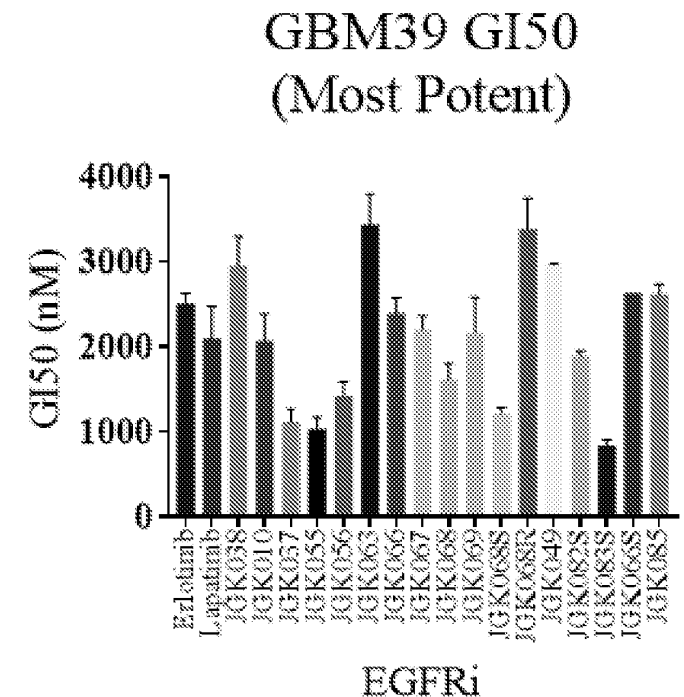


FIG. 52A

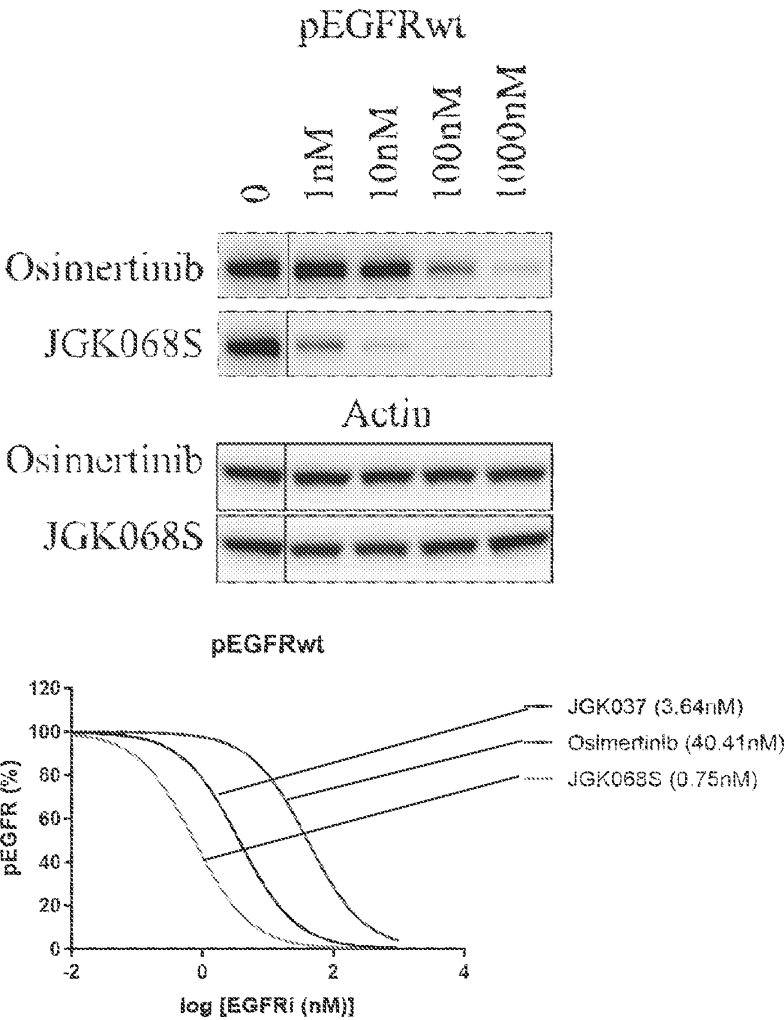


FIG. 52B

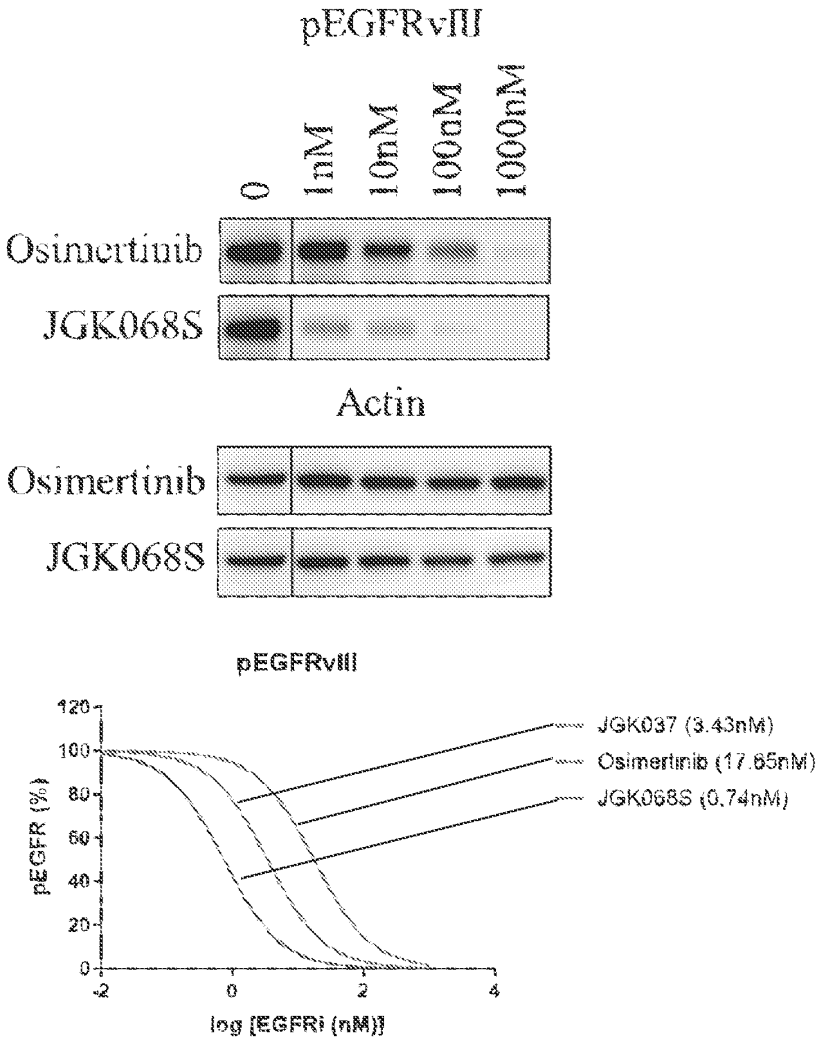


FIG. 53A

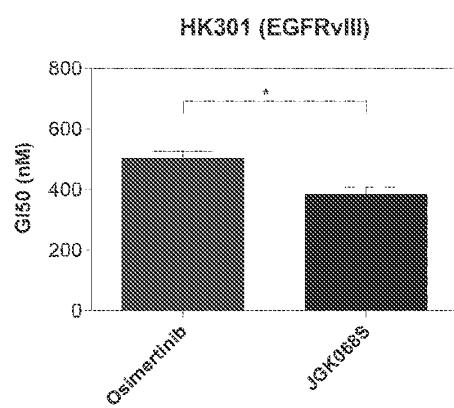


FIG. 53B

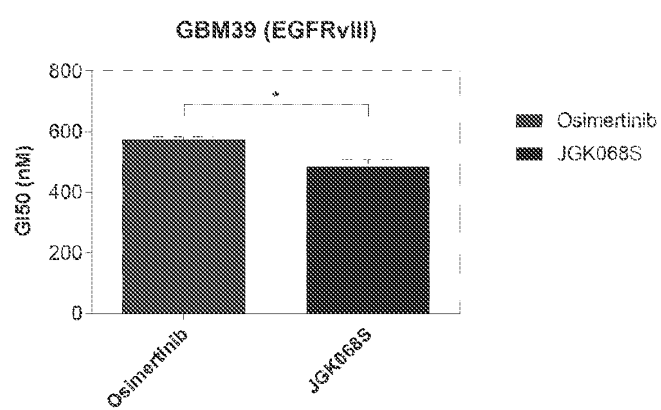




FIG. 54B

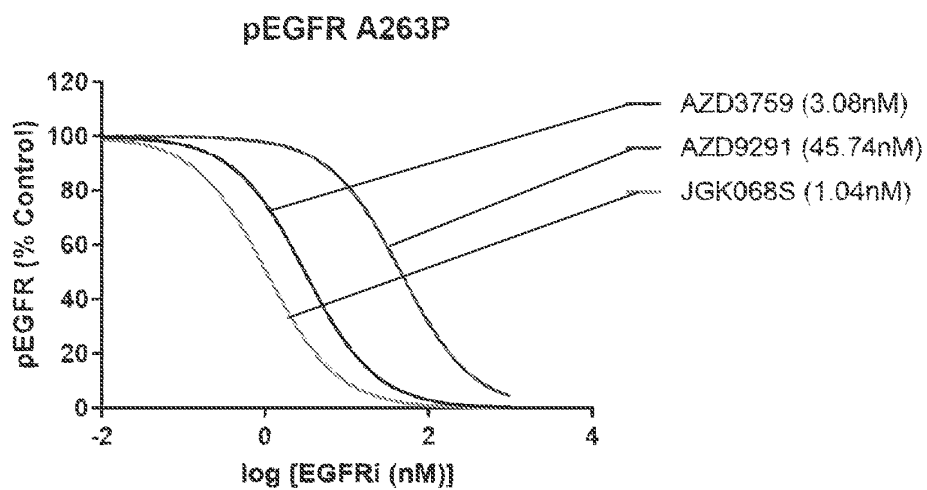


FIG. 54C

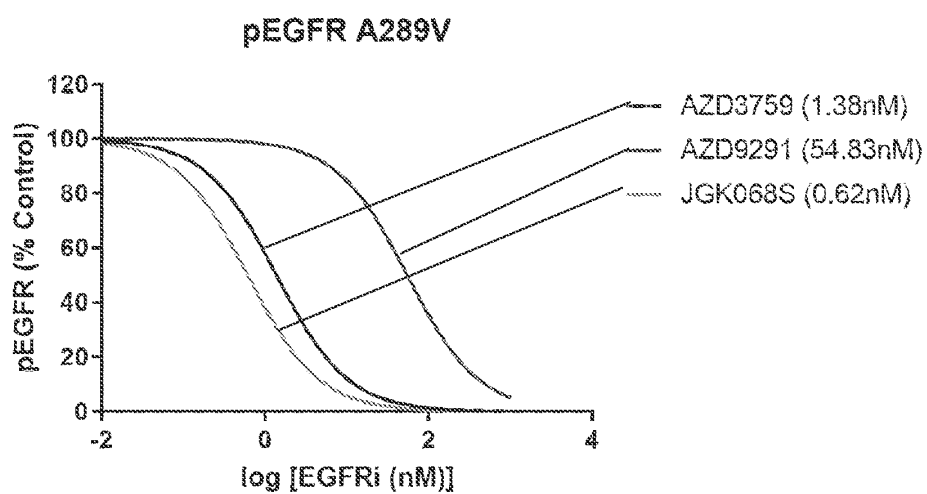


FIG. 54D

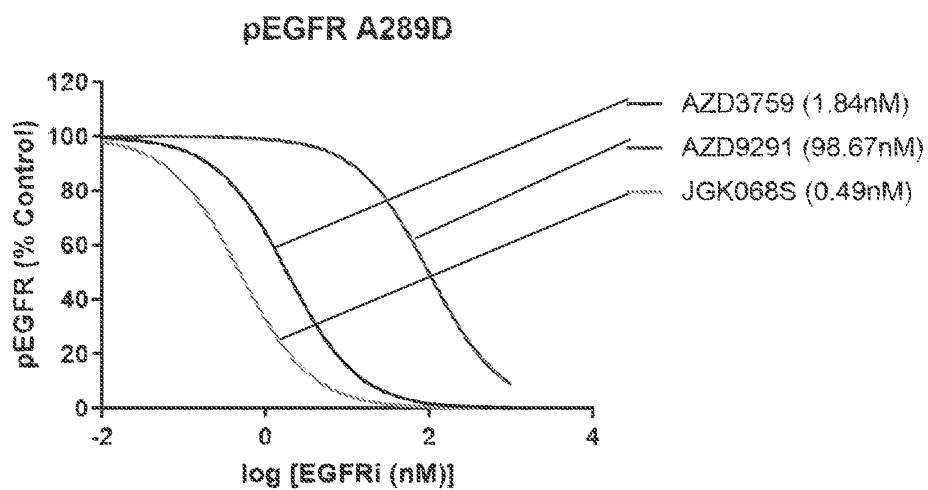


FIG. 54E

