Fig.1(A).

Fig.1(B).

O^6-Benzylguanine (BG)

Fig.1(C).

R^1: H, β-D-2'-deoxyribosyl, oligodeoxyribonucleotide or any molecule accepted by AGT

R^2: chemical linker

label: chemical probe for detection and/or manipulation of fusion protein

Fig.1(D).

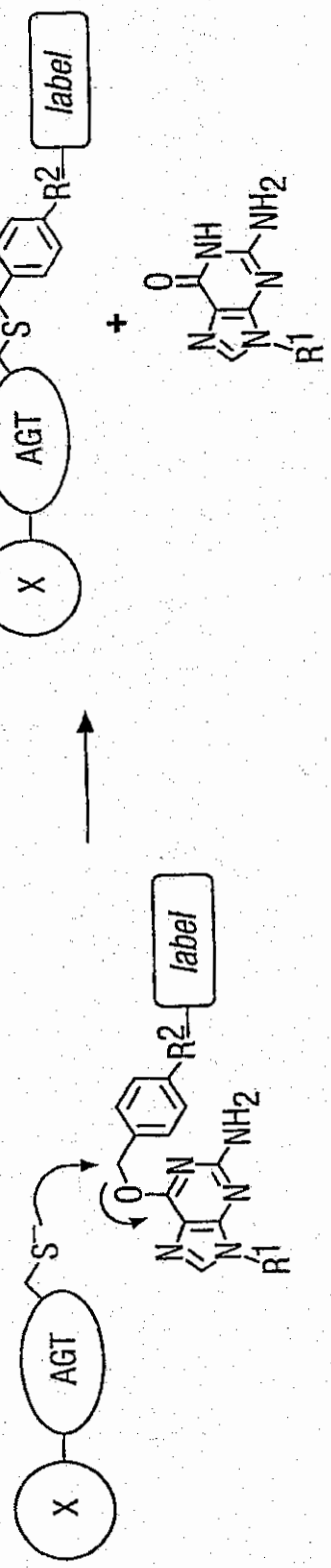

X
AGT
S
R2
label
NH
NH2
N
O
R1

Fig.1(E).

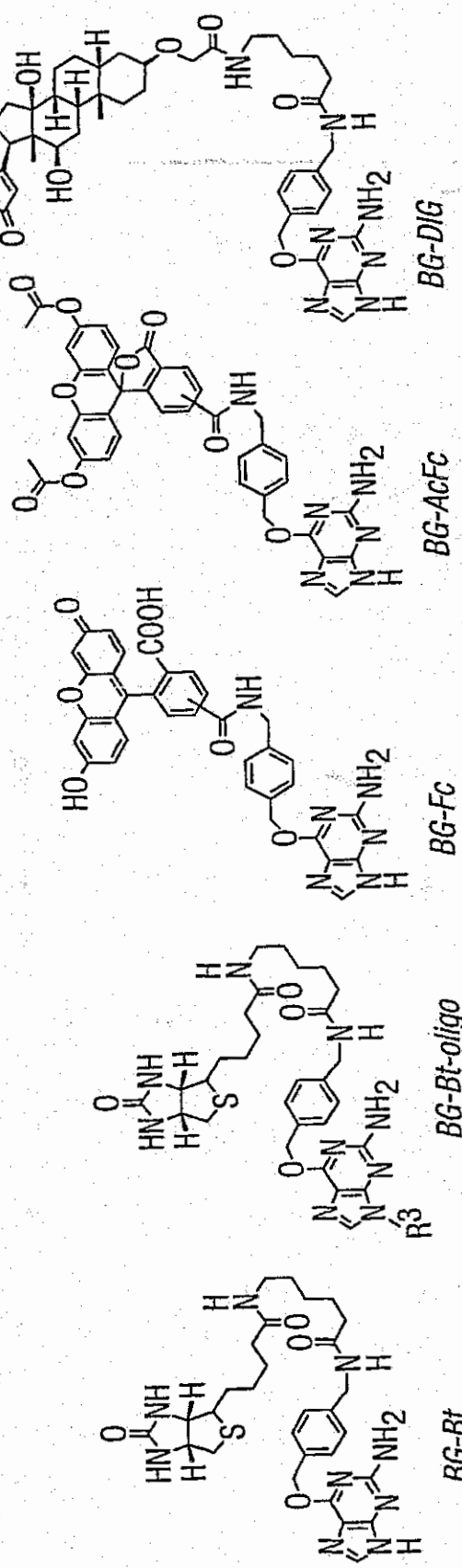

BG-DIG
BG-AcFc
BG-Fc
BG-Bt-oligo
BG-Bt
R3: β-D-2'-deoxyribosyl that is part of oligodeoxyribonucleotide of 22 bases

Fig.2.

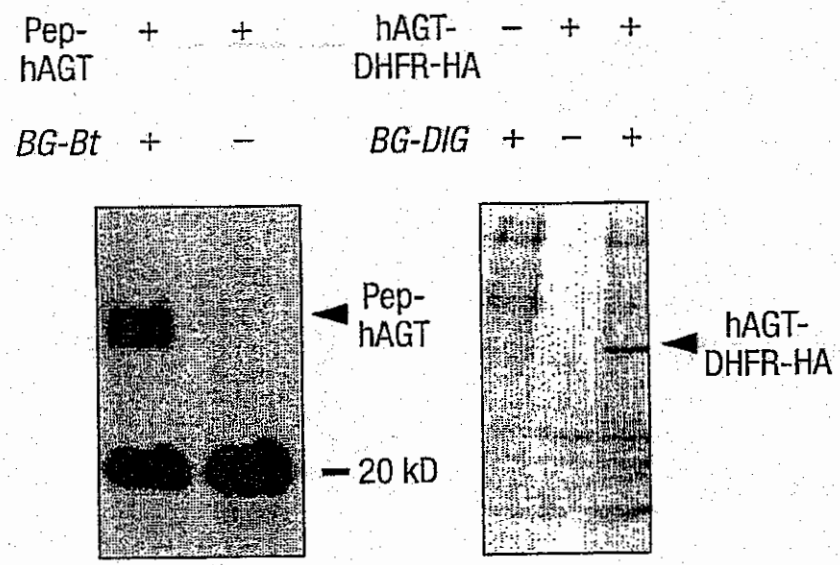


Fig.3.

