Figure 1

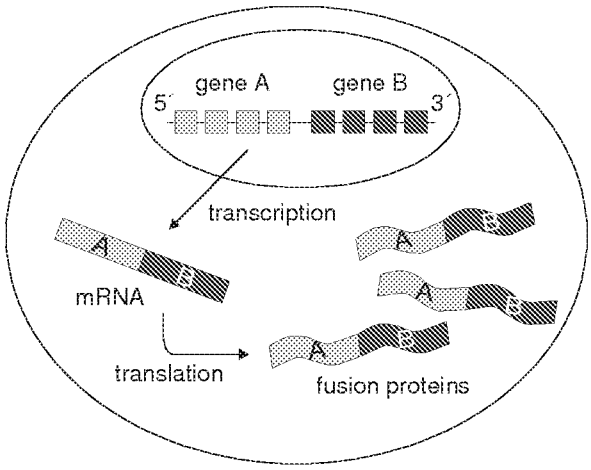


Figure 2

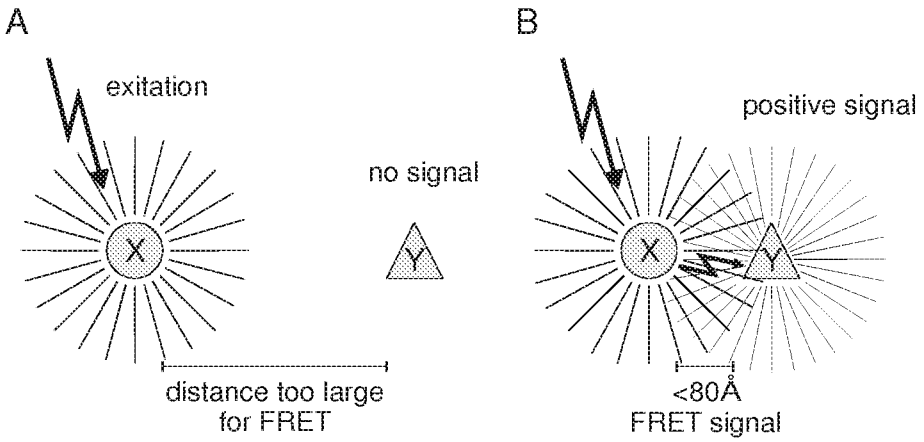


Figure 3

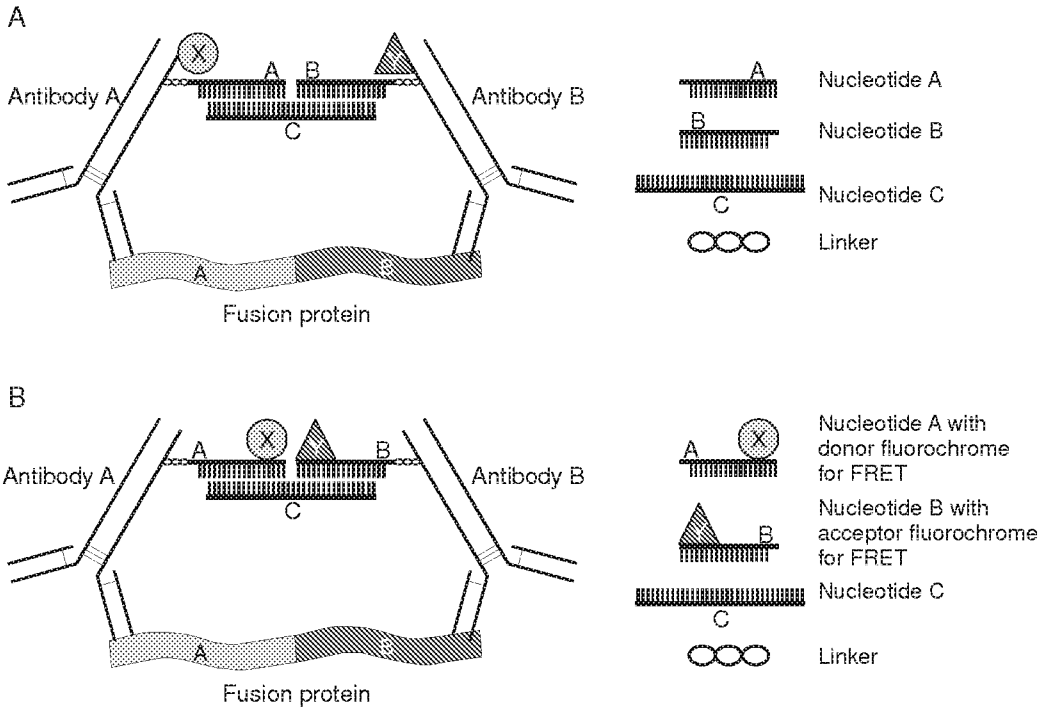
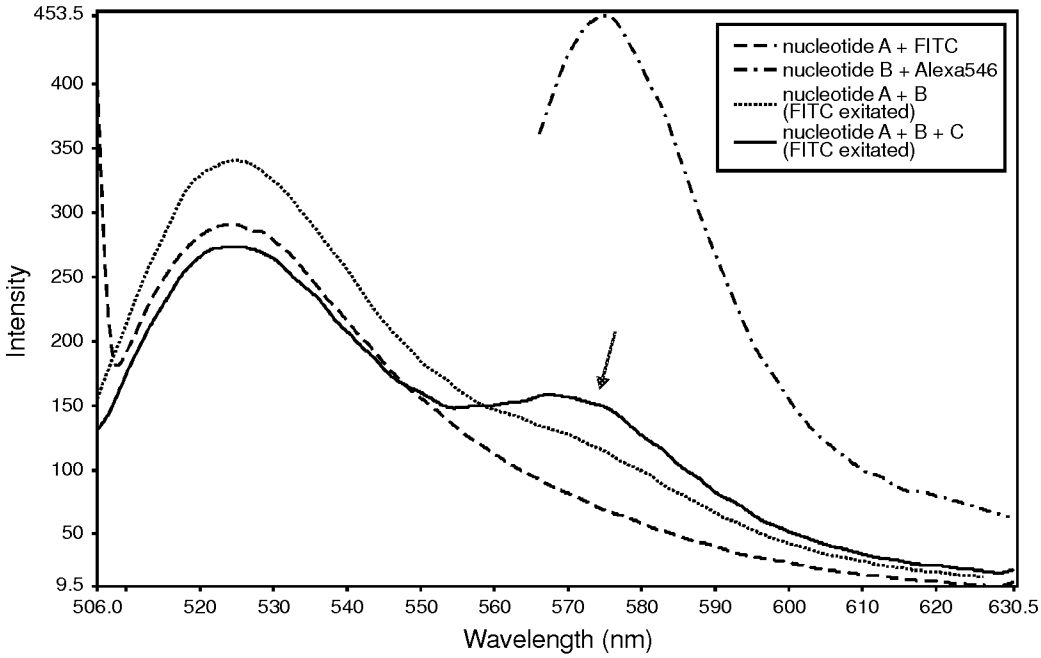

A
Antibody A
Antibody B
A
B
C
Fusion protein
Nucleotide A
Nucleotide B
Nucleotide C
Linker
B
Antibody A
Antibody B
Fusion protein
Nucleotide A with donor fluorochrome for FRET
Nucleotide B with acceptor fluorochrome for FRET
Nucleotide C
Linker

Figure 4


453.5
400
350
300
250
200
150
100
50
9.5
Intensity
506.0
520
530
540
550
560
570
580
590
600
610
620
630.5
Wavelength (nm)
nucleotide A + FITC
nucleotide B + Alexa546
nucleotide A + B (FITC exitated)
nucleotide A + B + C (FITC exitated)