

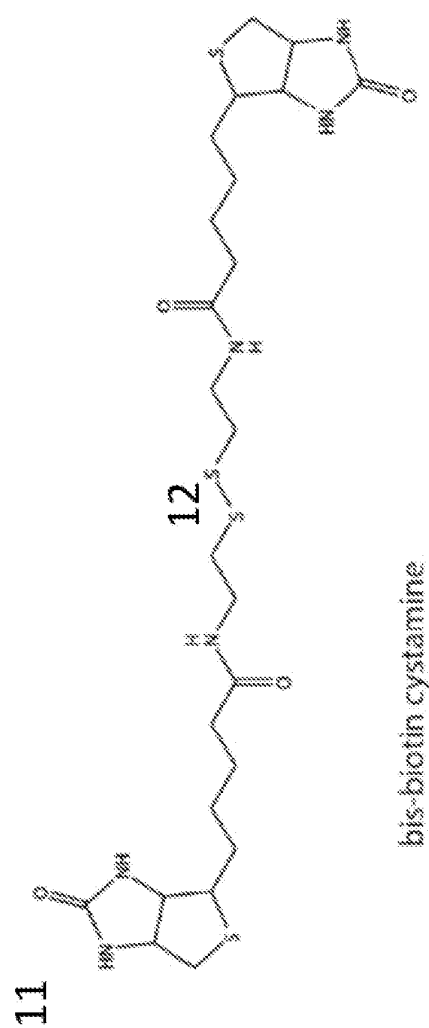


Fig. 1

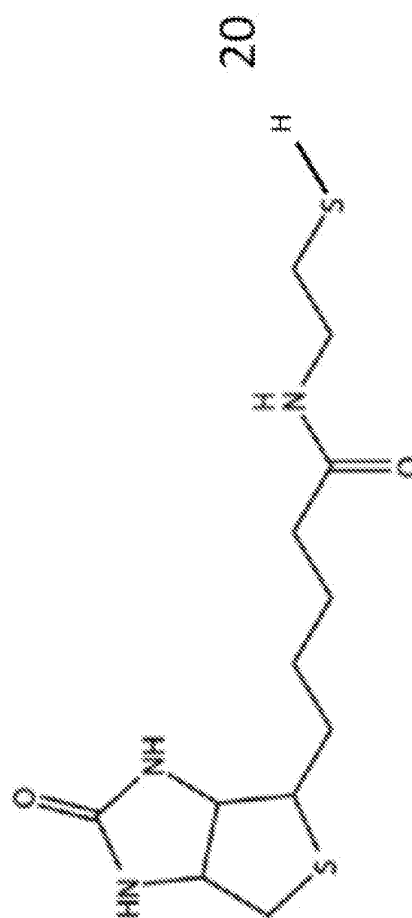


Fig. 2

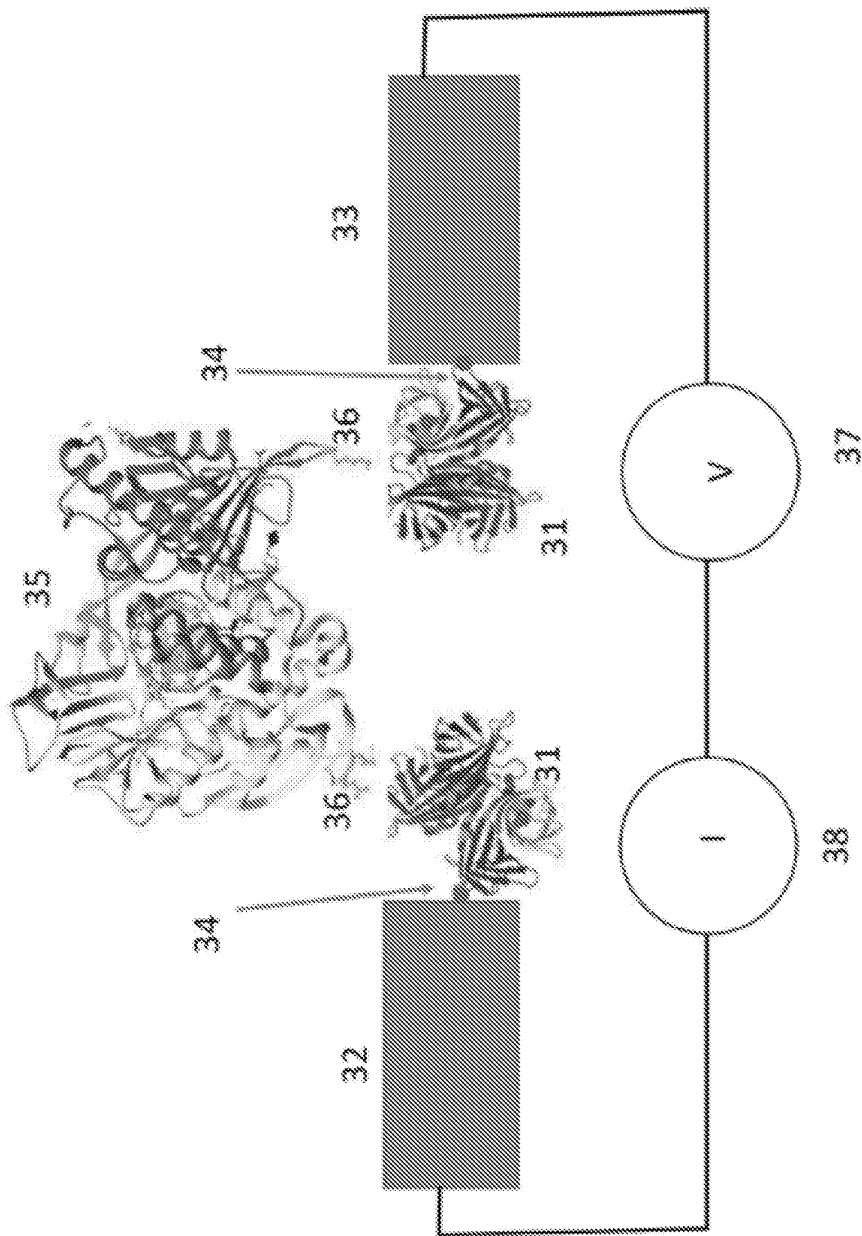


Fig. 3

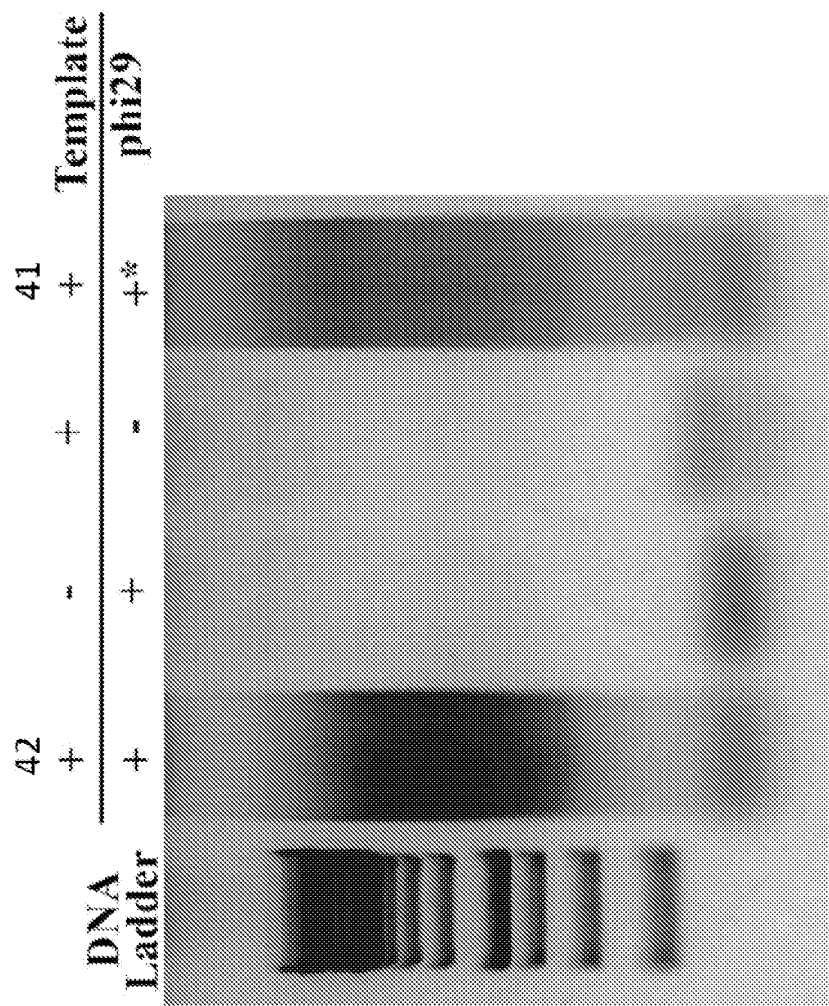


Fig. 4

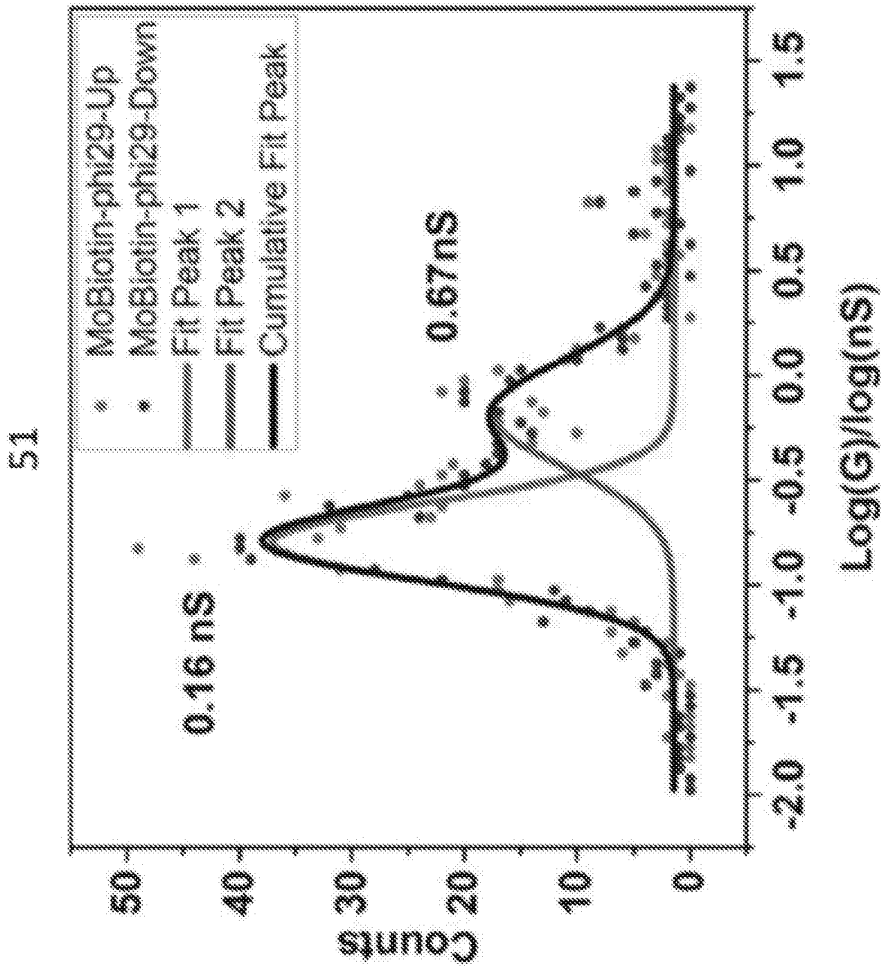


Fig. 5A

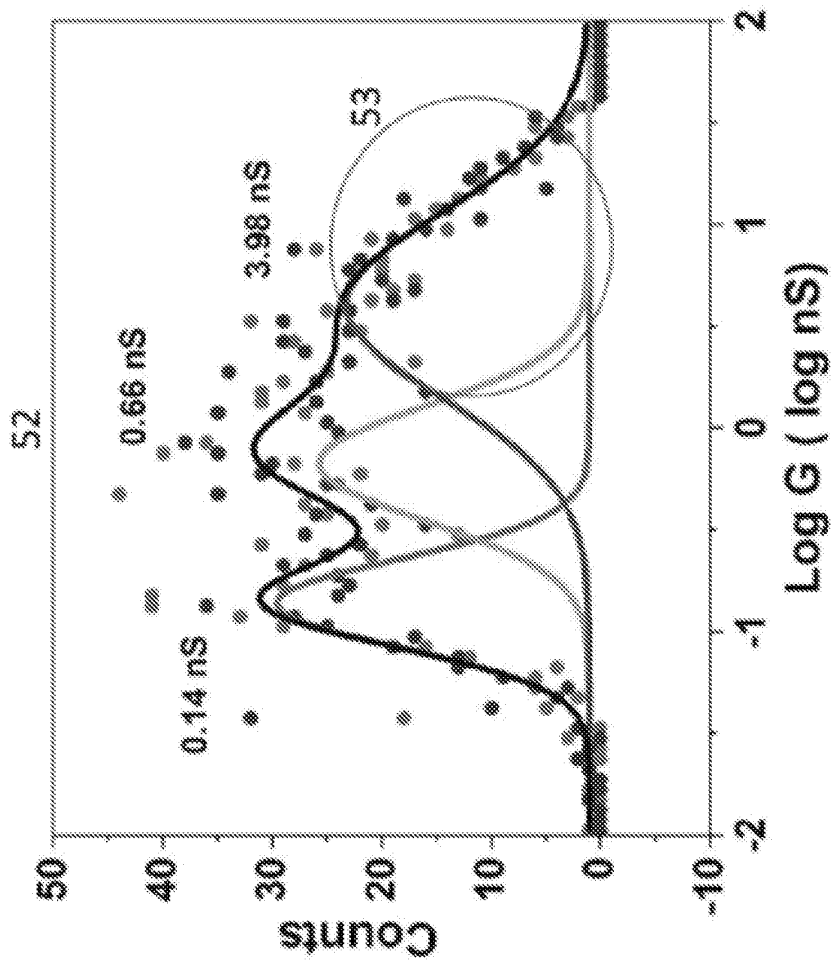


Fig. 5B

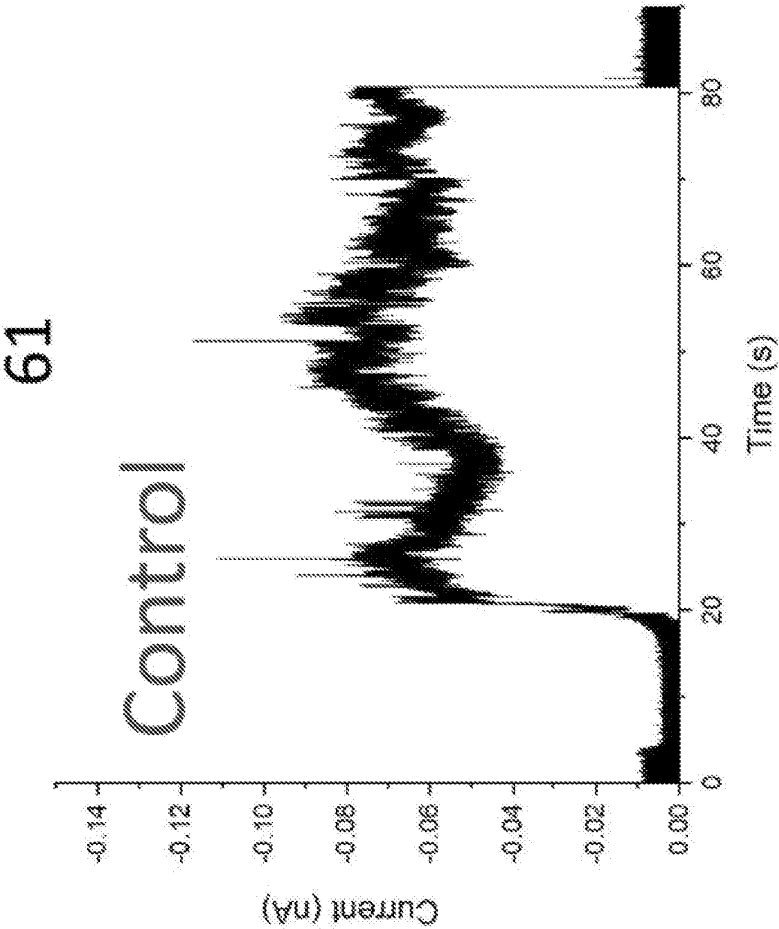


Fig. 6A

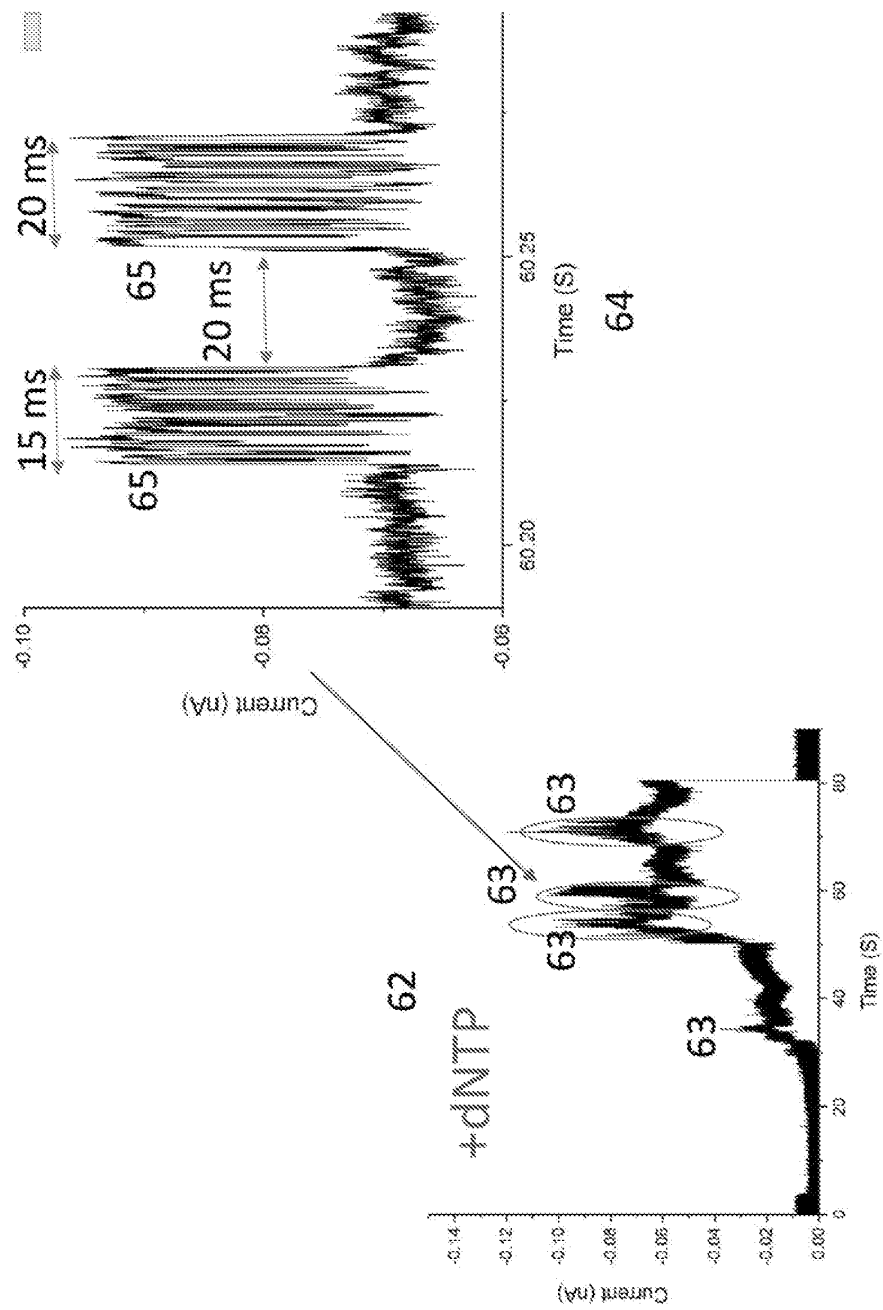


Fig. 6B

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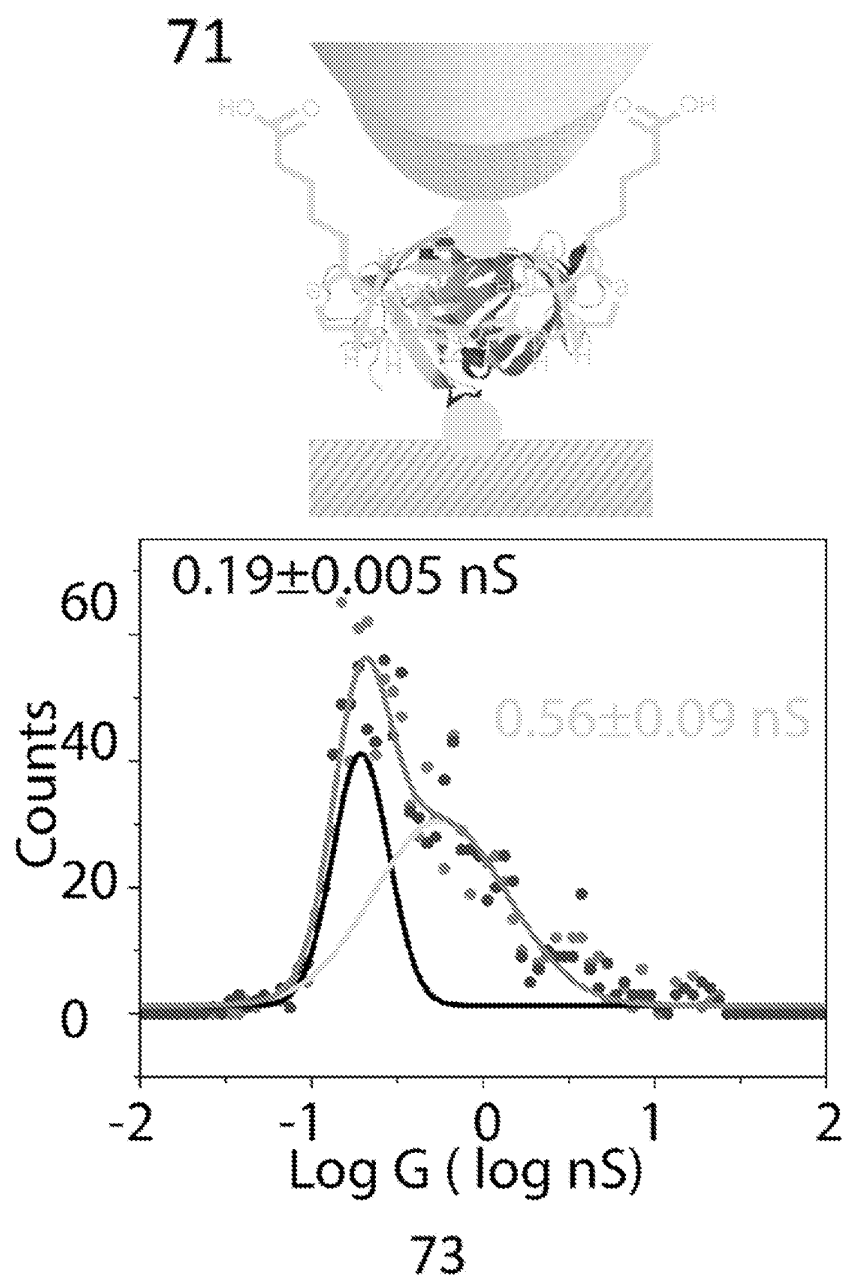


Fig. 7A

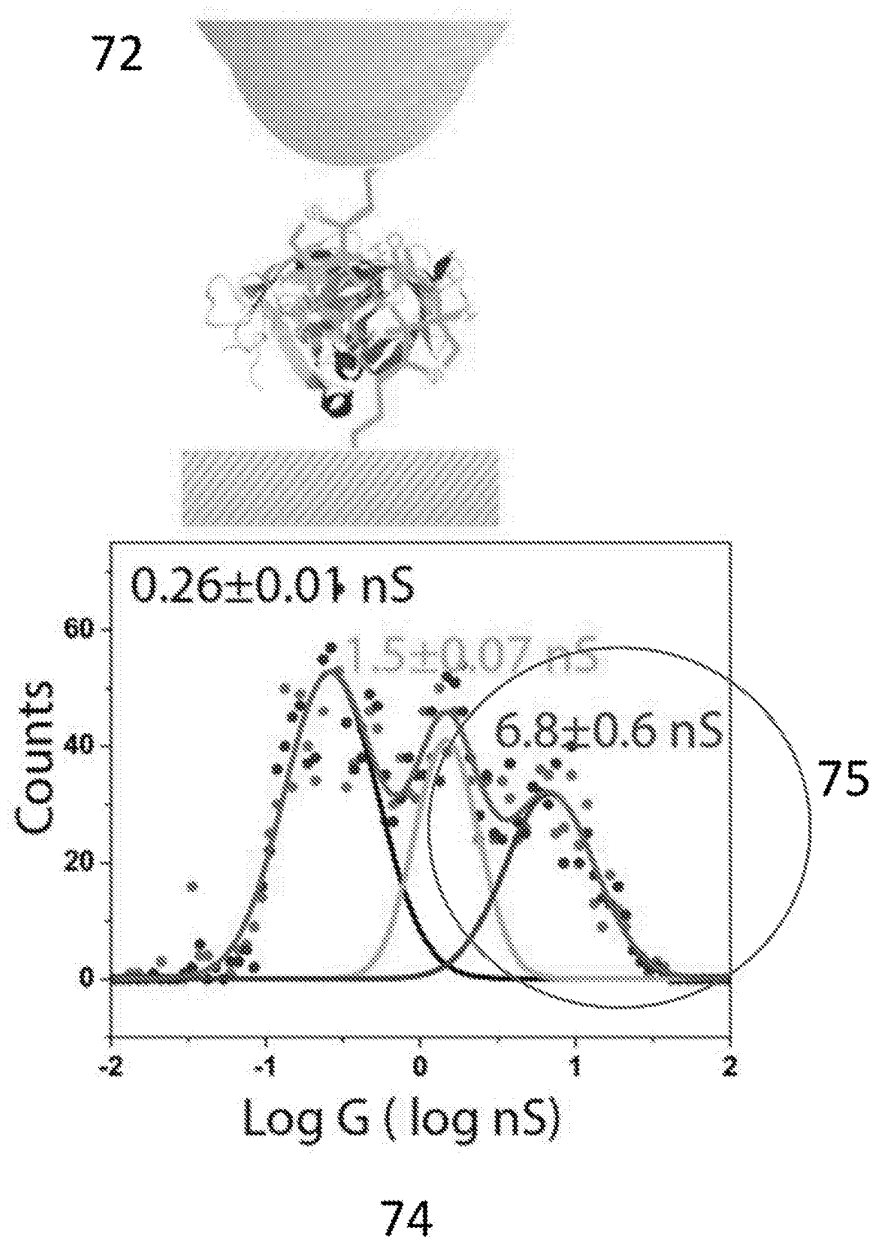


FIG. 7B

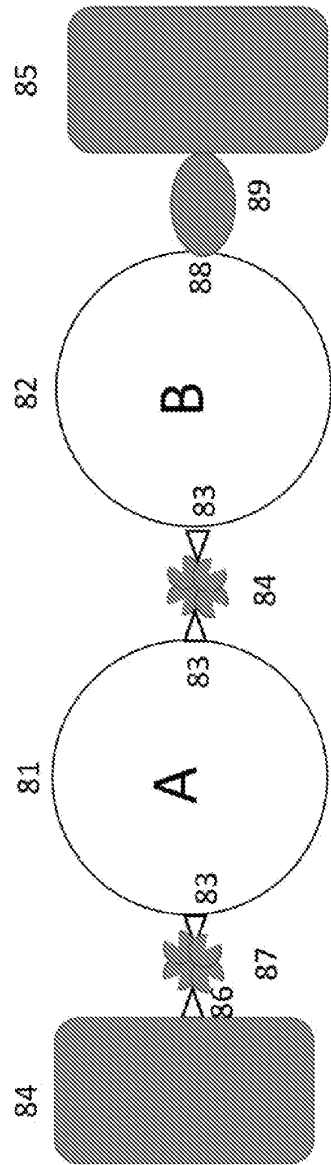


Fig. 8

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GGSGGSGSGGS: GGTGGTAGTGGTGGTAGTGGTGGTAGTGGTGGTAGT
Flexible linker
Primer__F: 5'-ggcggcagcggcggcagcgtgCGCGTAAATGTATAG-3'
Primer_R: 5'-GTACTTCGCGTAGTAGTgcgcgcgtgcgcgcgcgtcg-3'
Dimer formation

Fig. 9A

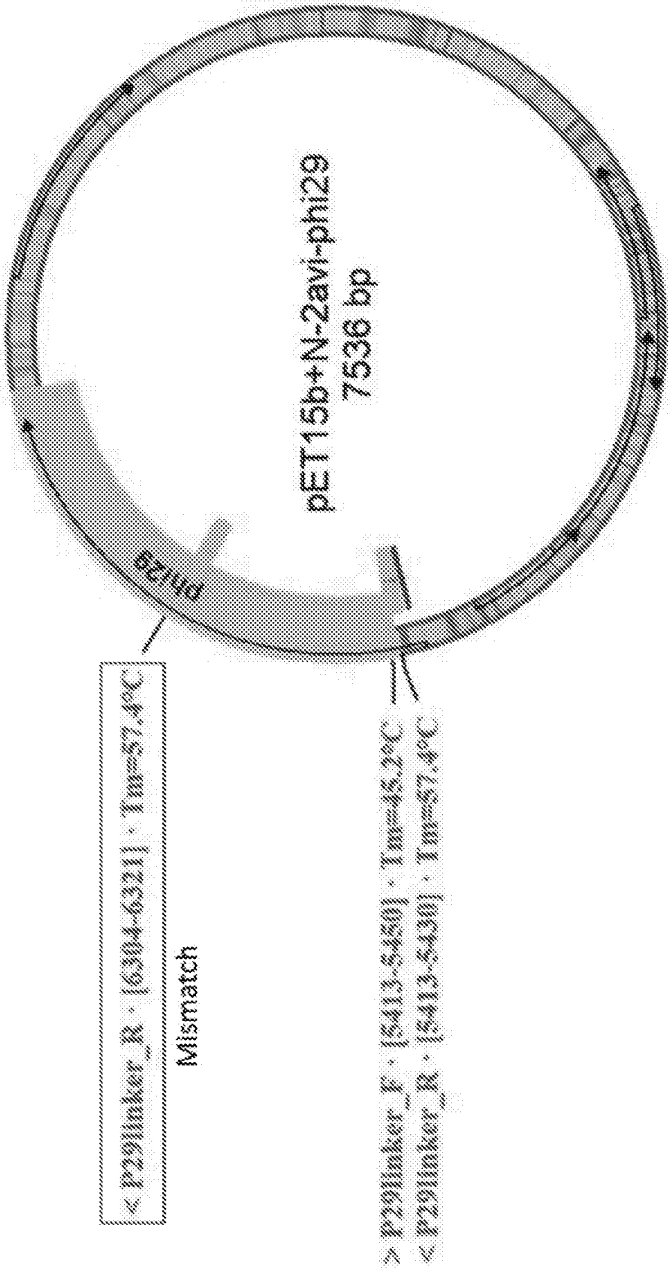


Fig. 9B

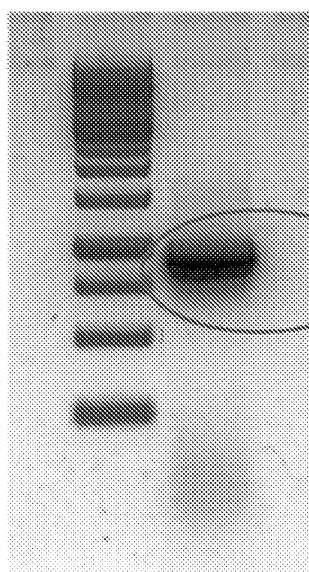
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101

103

2avip25linker3 protein sequence (643aa, 73723.35D, pI 7.25):
 MGSSHHHHHHSSG **VPRGSG**GLNDIFEAQKIEWHEGASSGDSTDGTSDGSS
 MPRKMYSCEFETTTKVEDCRVWAYGYMNIEDHSEYKIGNSLDEEMAVLK
 VQADLYFHNLFAGAFIINWLERNGFKWSADGLPNTYNTIISRMGQWYMI
 DICLGYKGKRKIHTVIYDSLKKLPFPVKKIAKDFKLTVLKGDIDYHKERP
 VGYKITPEEYAYIKNDIQITAEALLIQFKQGLDRMTAGSDSLKGFKDIT
 TKKFKKVFP TLSLGLDKEVRYAYRGGFTWLNDRFKEKEIGEGMVFDVNSL
 YPAQMYSRLLPYGEPIVFEGKYVWDE **SSGLNDIFEAQKIEWHEGASS**DYP
 LHIQHIRCEFELKEGYIPTIQIKRSRFYKGNEYLKSSGGEIADLWLSNVD
 LELMKEHYDLYNVEYISGLKFKATTGLFKDFIDKWYIKTTSEGAIKQLA
 KLMLNSLYGKFASNPDPVTGKVPYLKENGALGFRLGEEETKDPVYTPMGVF
 ITAWARYTTITAAQACYDRIIYCOTDSIHLTGTEIFDVIKDIVDPKKLGY
 WAHESTFKRAKYLKQKTYIQDIYMKEVDGKLVEGSPDDYTDIKFSVKCAG
 MTDKIKKEVTFENFKVGFSRKMKPKPVQVPGGVVLVDDTFIK*

106



105

Fig. 10A

SUBSTITUTE SHEET (RULE 26)

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102

2avip29linker4 protein sequence: (643aa, 73720.400, pI 8.13)

104

MGSSHHHHHHSSGVPKSGSLNDIFEAKIEWHEGASSGNSTNGTSNGSS
 MPRKMYSCAFETTTKVEDCRVWAYGYMNIEDHSEYKIGNSLDEFMAWVLK
 VQADLYFHNLFAGAFIINWLERNGFKWSADGLPNTYNTIISRMGQWYMI
 DICLGYGKGRKIHTVIYDSLKKLPFPVKKIAKDFKLTVLKGDIDYHKERP
 VGYKITFEYAYIKNDIQIIAEALLIQFKQGLDRMTAGSDSLKGFKDIIT
 TKKFKKVFPTLSLGLDKEVRYAYRGGFTWLNDRFKEKEIGGMVFDVNSL
 YPAQMYSRLLPYGEPIVFEGKYVWDESSGLNDIFEAKIEWHEGASSDYP
 LHIQHIRCEFELKEGYIPTTIQIKRSRFYKNEYLKSSGGEIADLWLSNVD
 LELMKEHYDLYNVEYISGLKFKATTGLFKDFIDKWTYIKTTSEGAIKQLA
 KLMLNSLYGKFASNPDVTGKVPYLKENGALGFRLGEEETKDPVYTPMGVF
 ITAWARYTTITAAQACYDRIIYCDTDSIHLTGTEIPOVIKDIDPKKLG
 WAHESTFKRAKYLRQKTYIQDIYNKEVDGKLVEGSPDDYTDIKFSVKCAG
 MTDKIKKEVTFENFKVGF SRKMKPKPVQVPGGVVLVDDTFTIK*

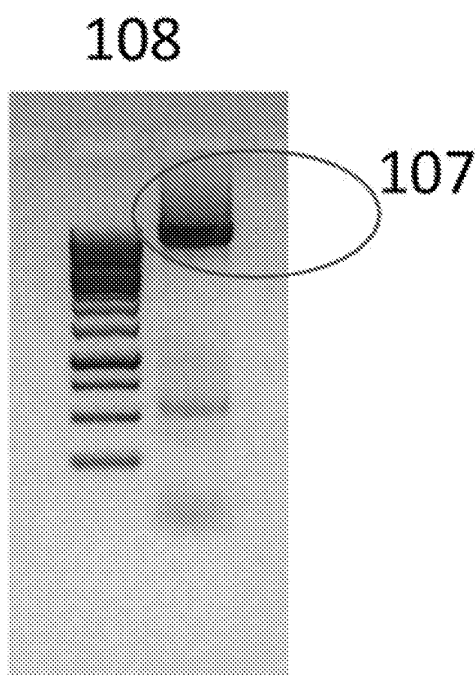


Fig. 10B

SUBSTITUTE SHEET (RULE 26)

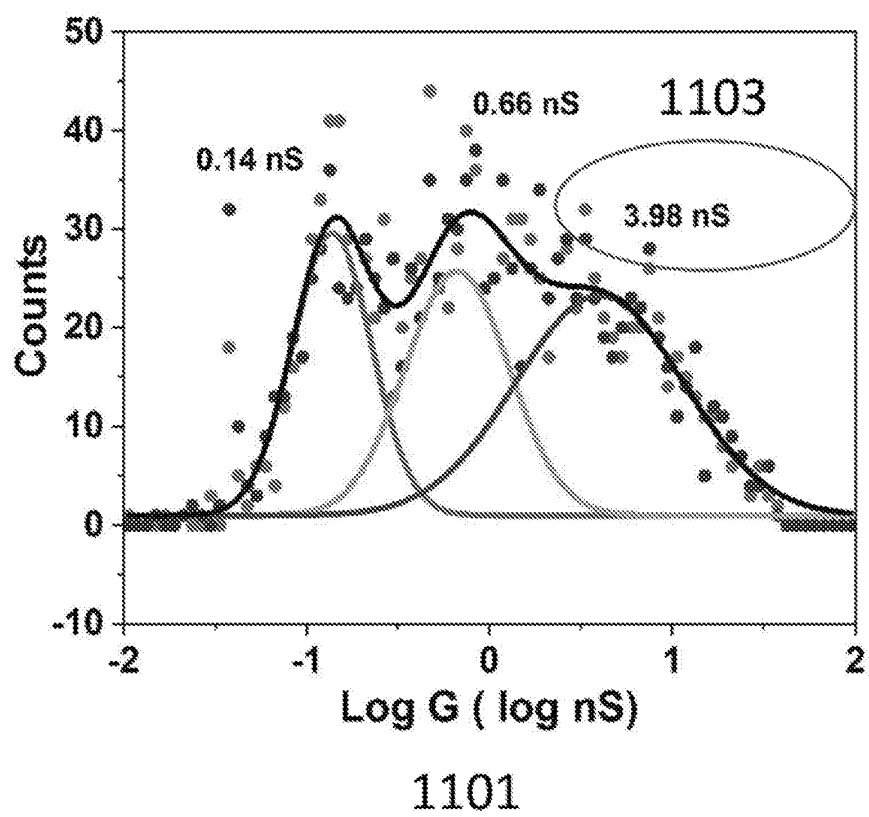


Fig. 11A

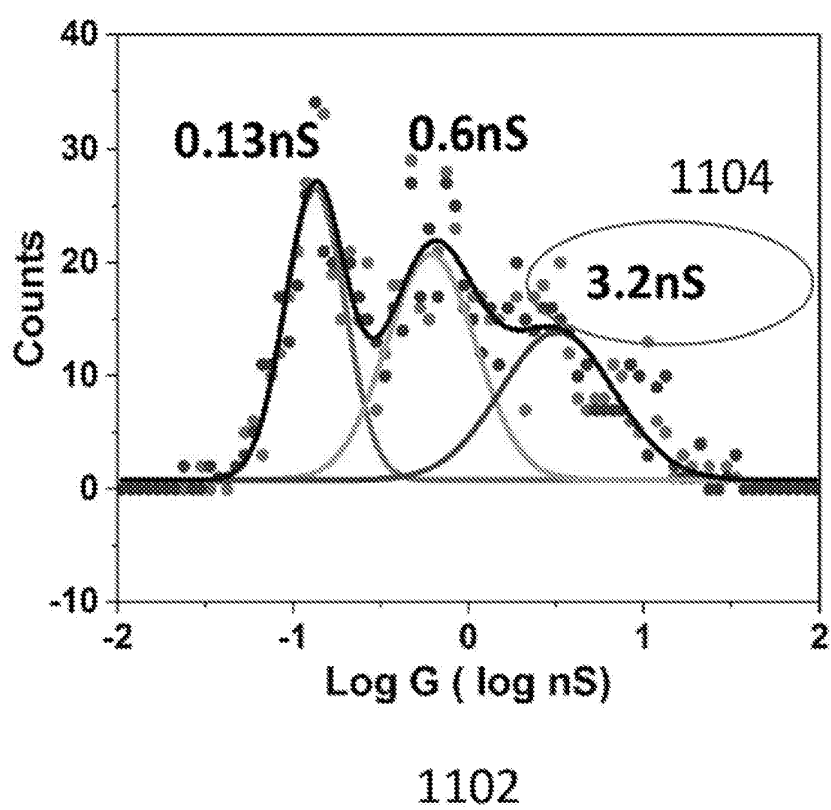


Fig. 11B

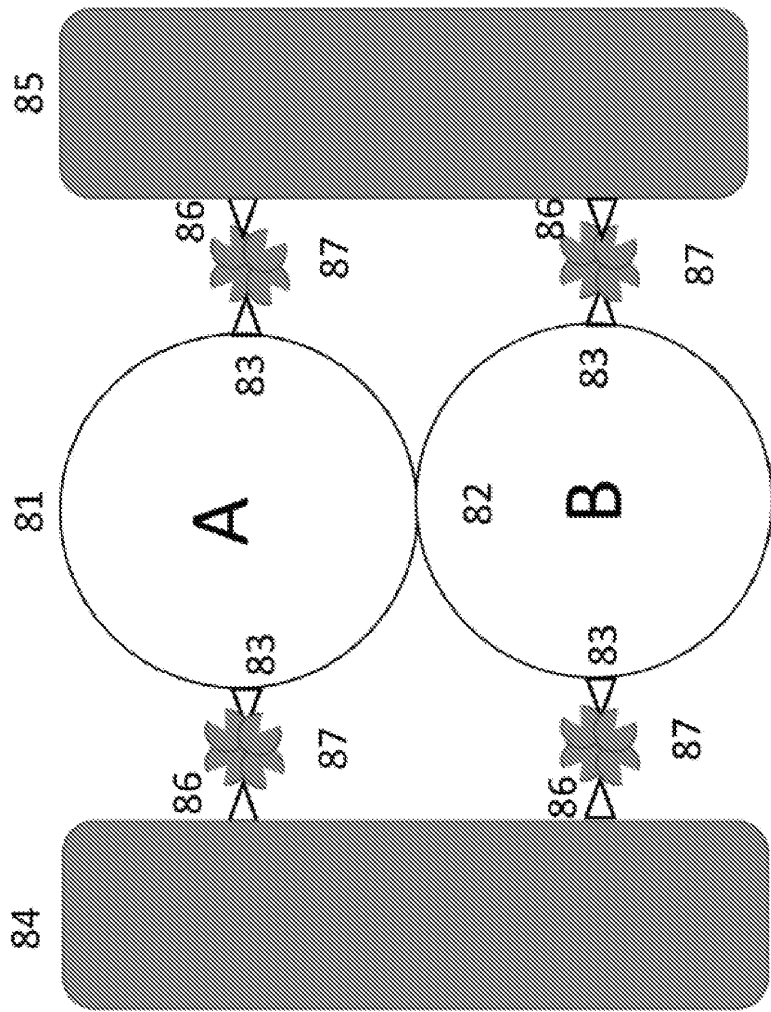


Fig. 12

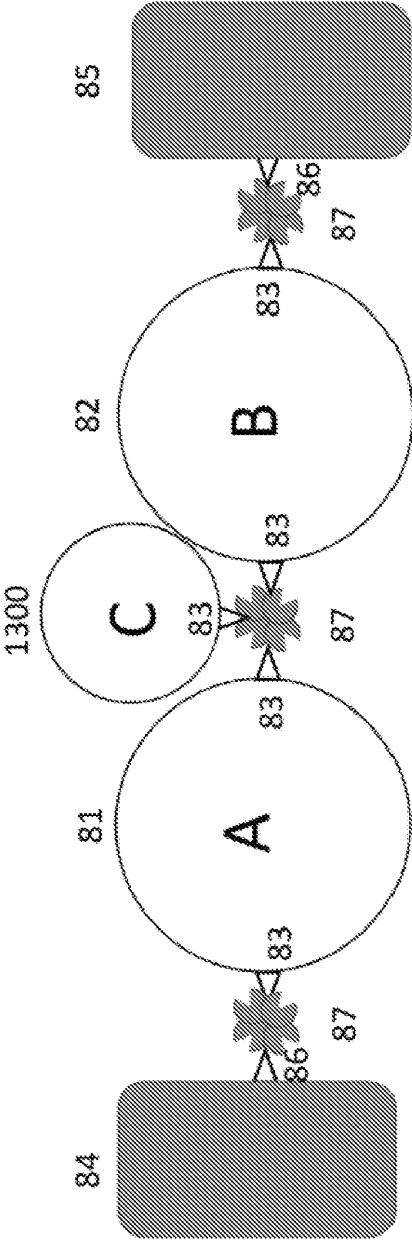


Fig. 13

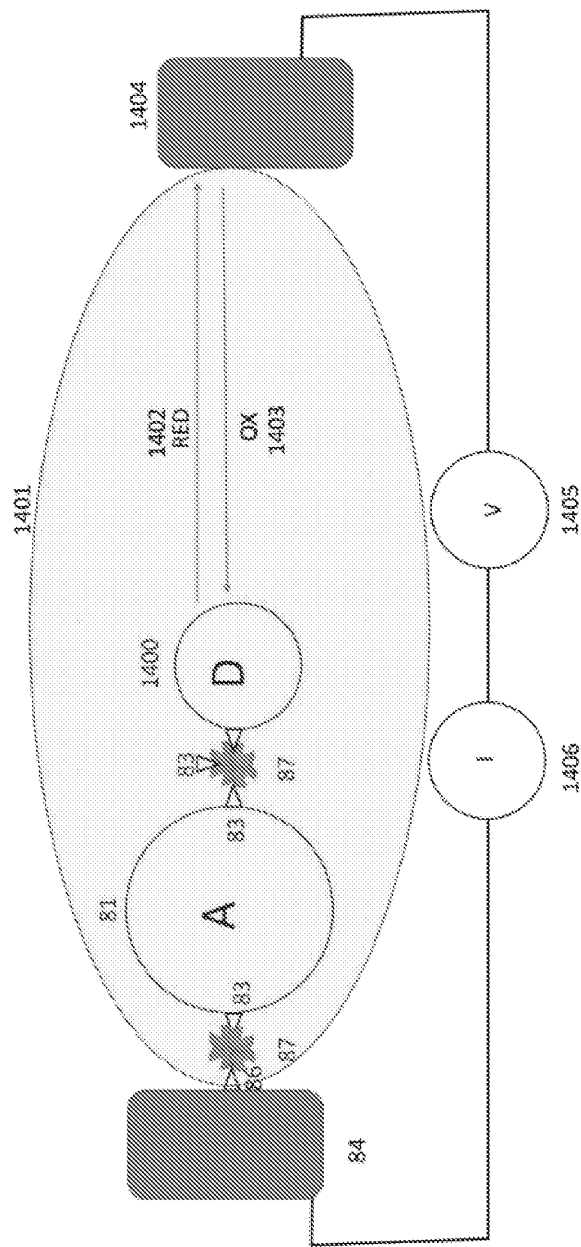


Fig. 14

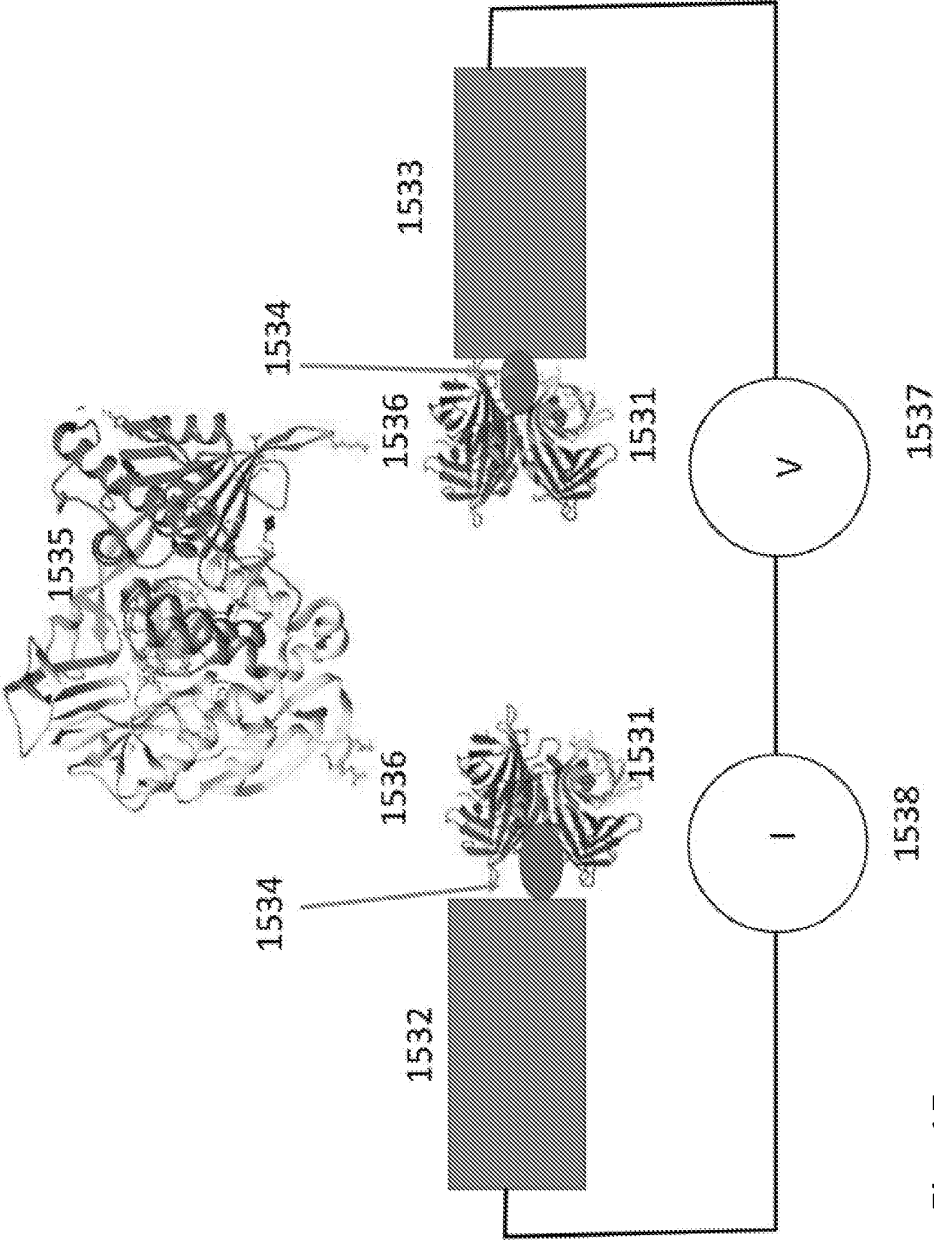


Fig. 15

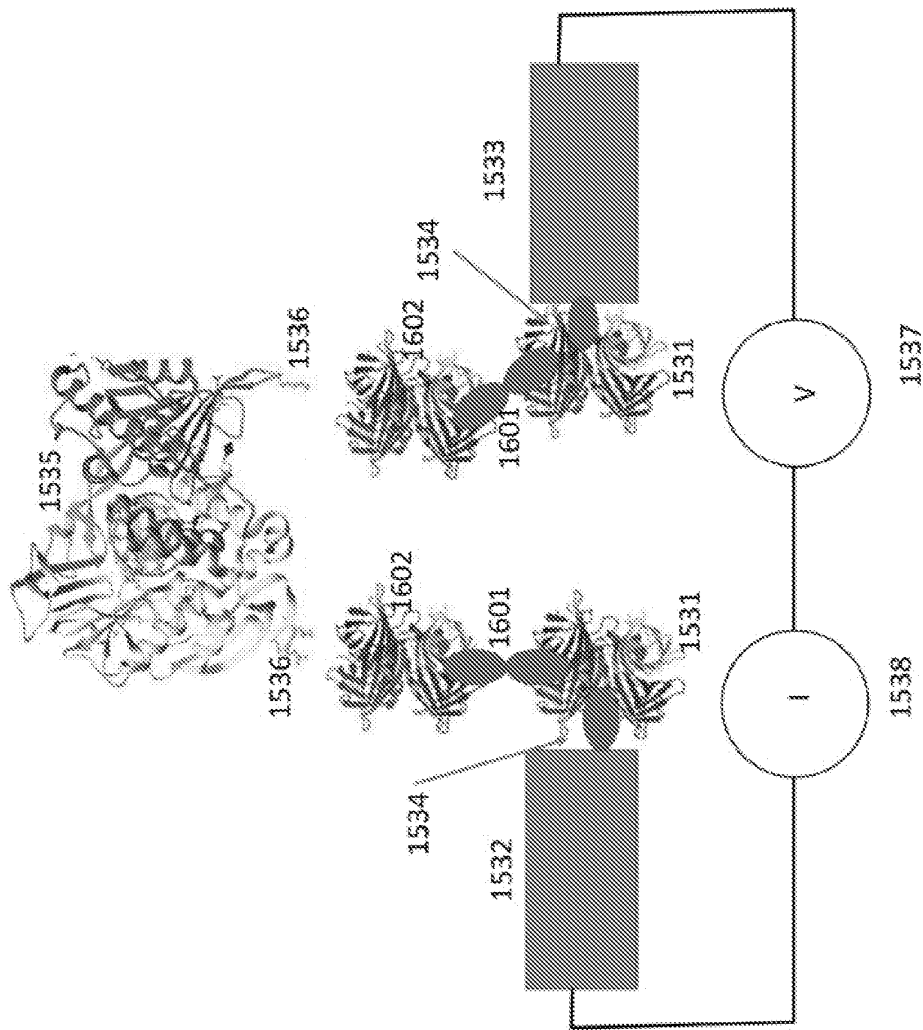


Fig. 16