

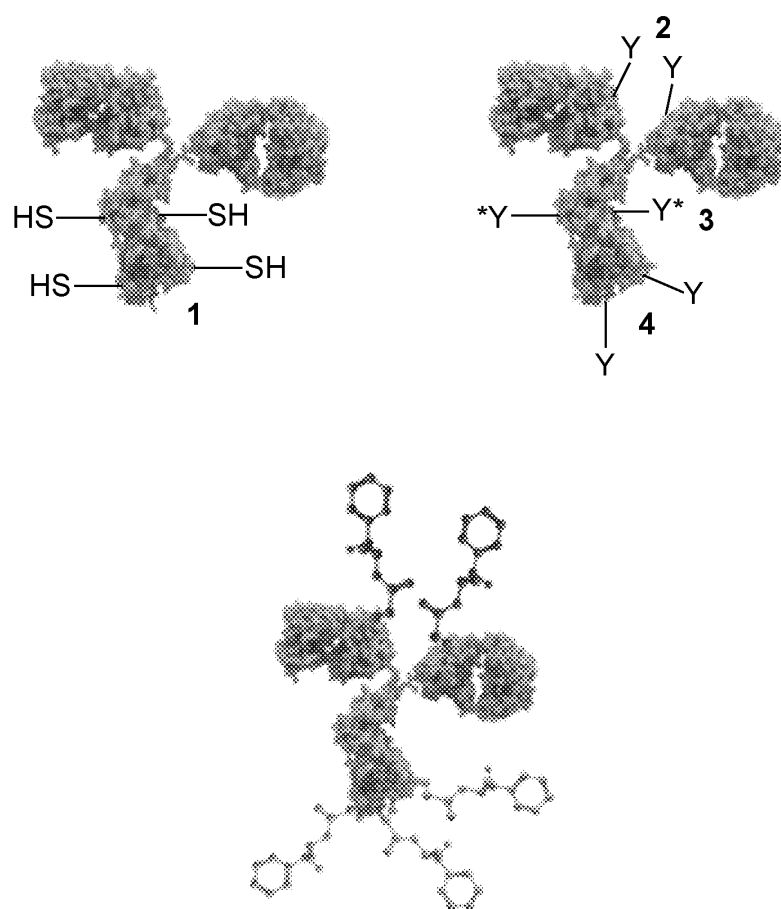


FIG. 1

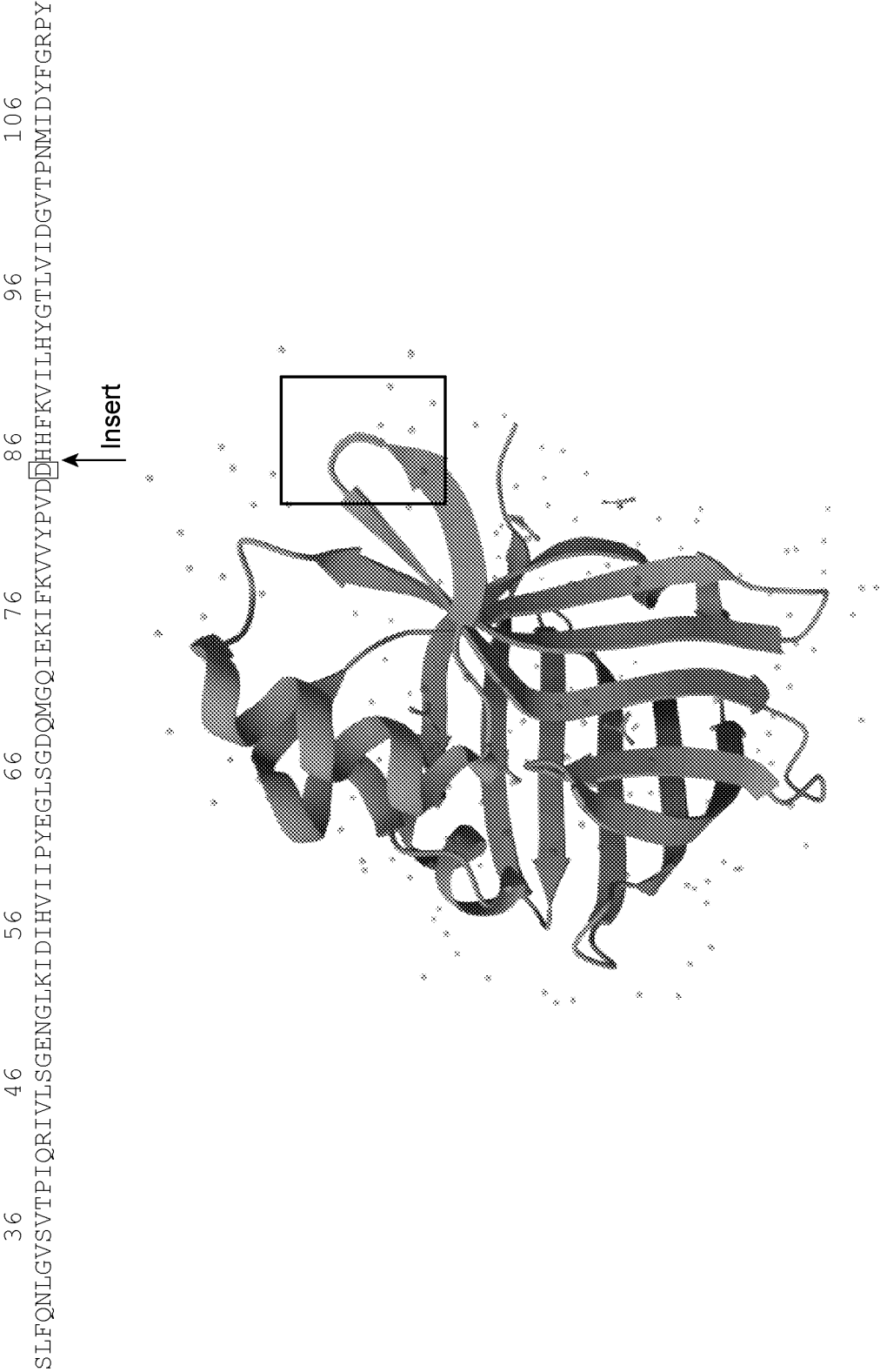


FIG. 2

- Manual run 7:10_UV1_280nm
- Manual run 7:10_Conc
- Manual run 7:10_Conc
- Manual run 7:10_Fractions
- Manual run 7:10_Inject
- Manual run 7:10_Logbook

Nanoluciferase C166S with Loop VEDYAIG
Purification

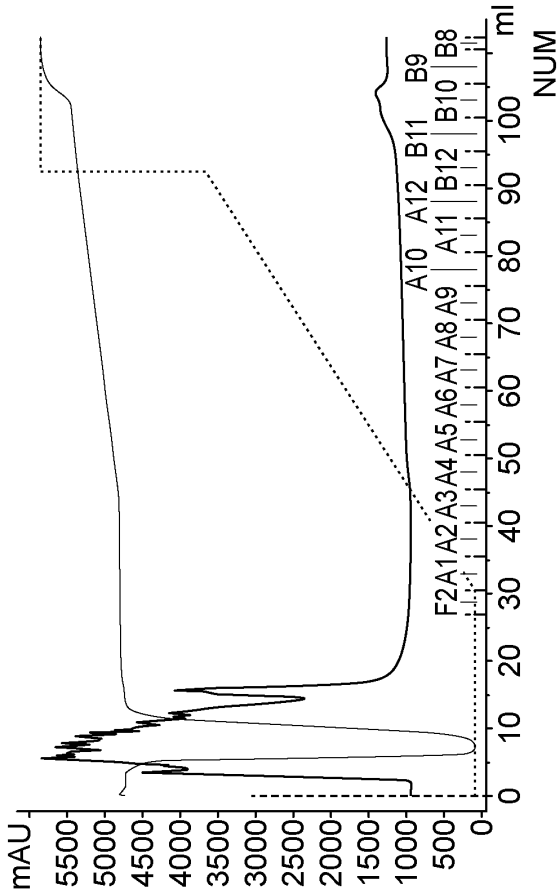


FIG. 3B

Nanoluciferase C166S with Loop VEDYAIG
Purification

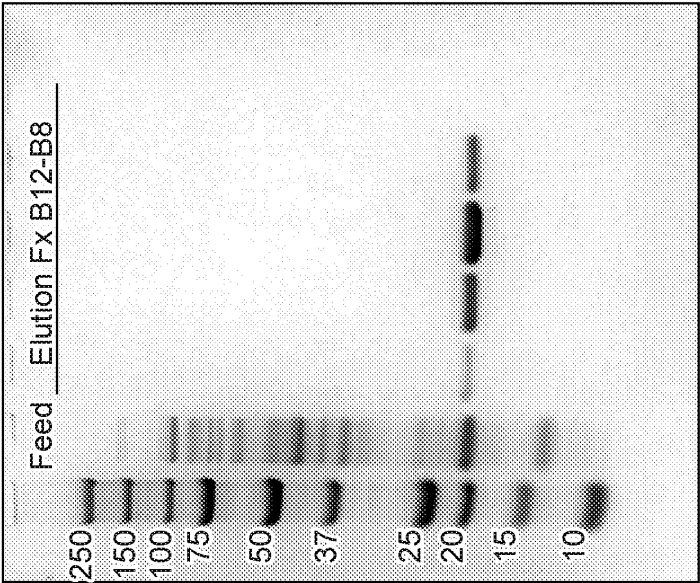


FIG. 3A

Nanoluciferase C-166S with Loop VEDYAIG Conjugation Reaction

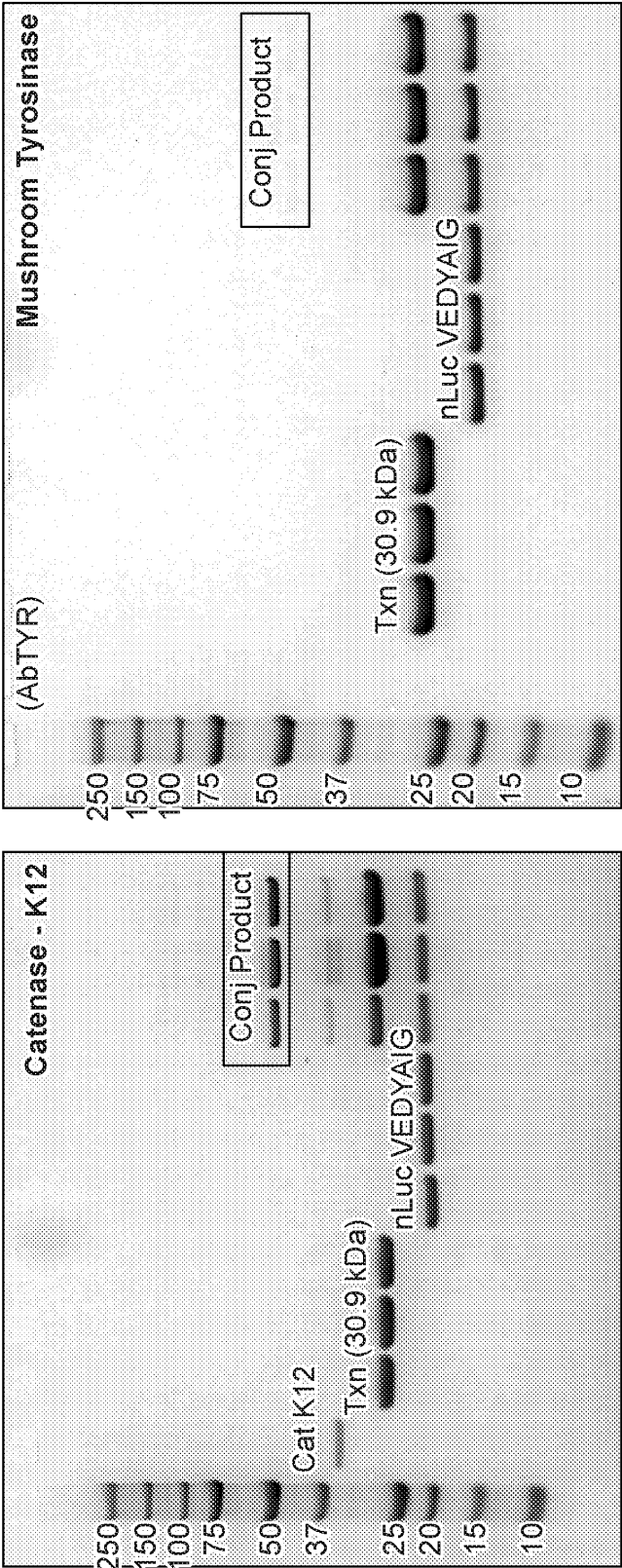


FIG. 3C

FIG. 3D

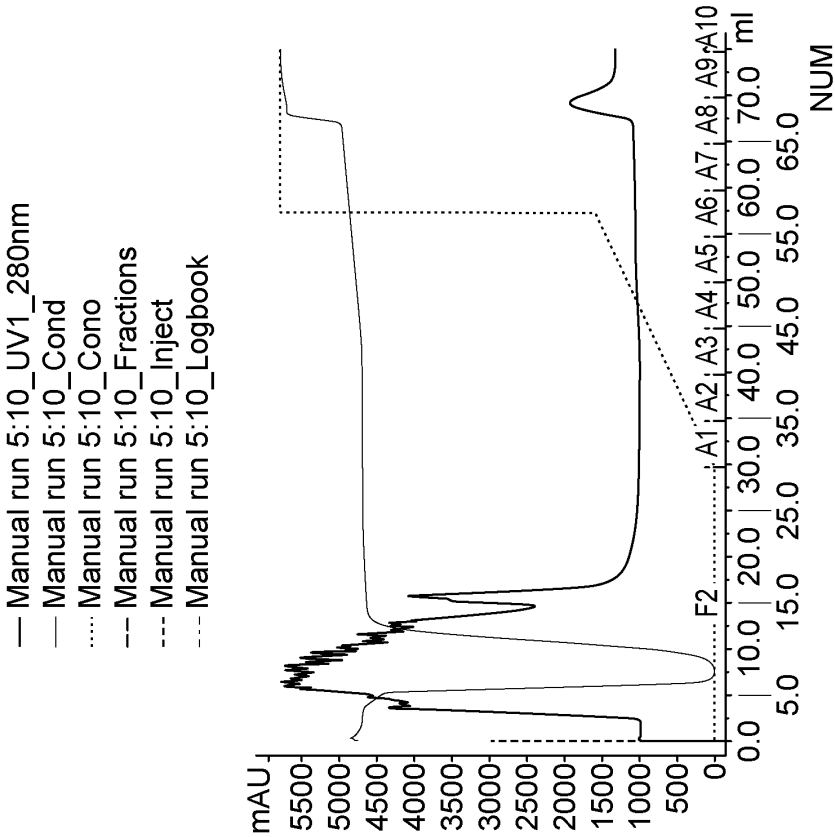
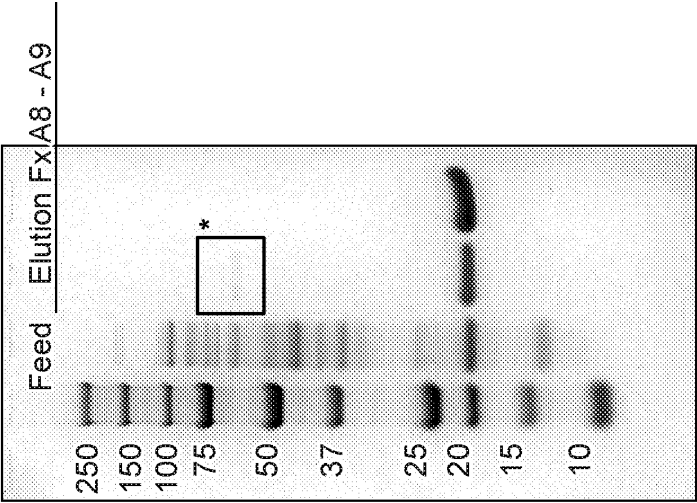


FIG. 4B

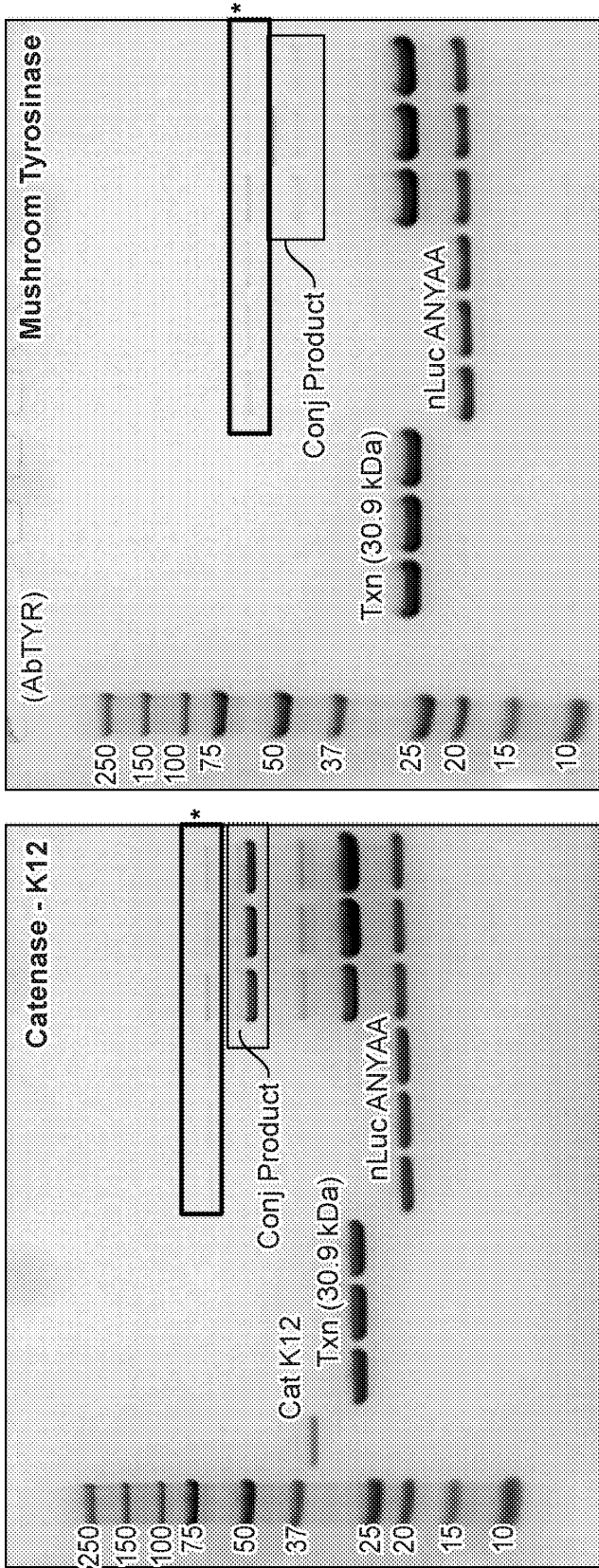
Nanoluciferase C166S with Loop ANYAA Purification



* Stray contaminant propagated through UF/DF

FIG. 4A

Nanoluciferase C166S with Loop ANYAA Conjugation Reaction



* Stray contaminant propagated through UF/DF

FIG. 4C

FIG. 4D

Nanoluciferase C166S with Loop AEYAA Purification

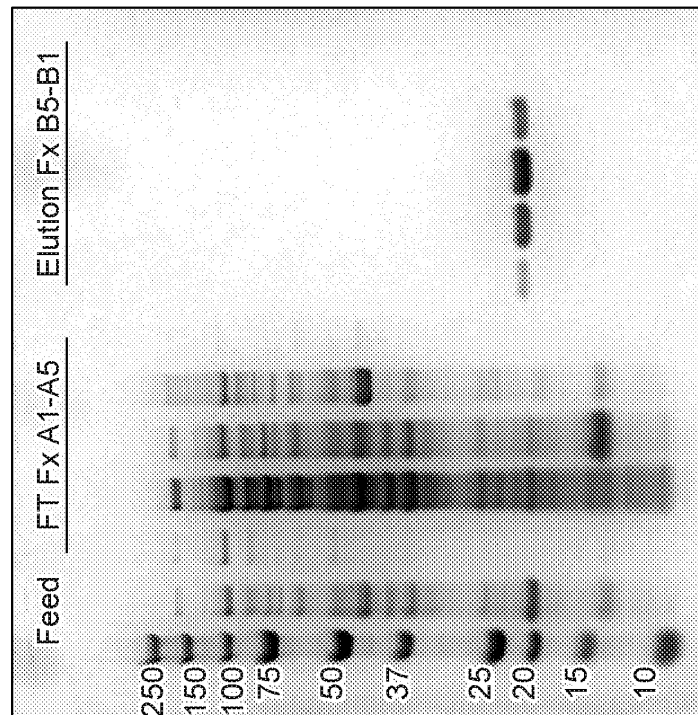


FIG. 5A

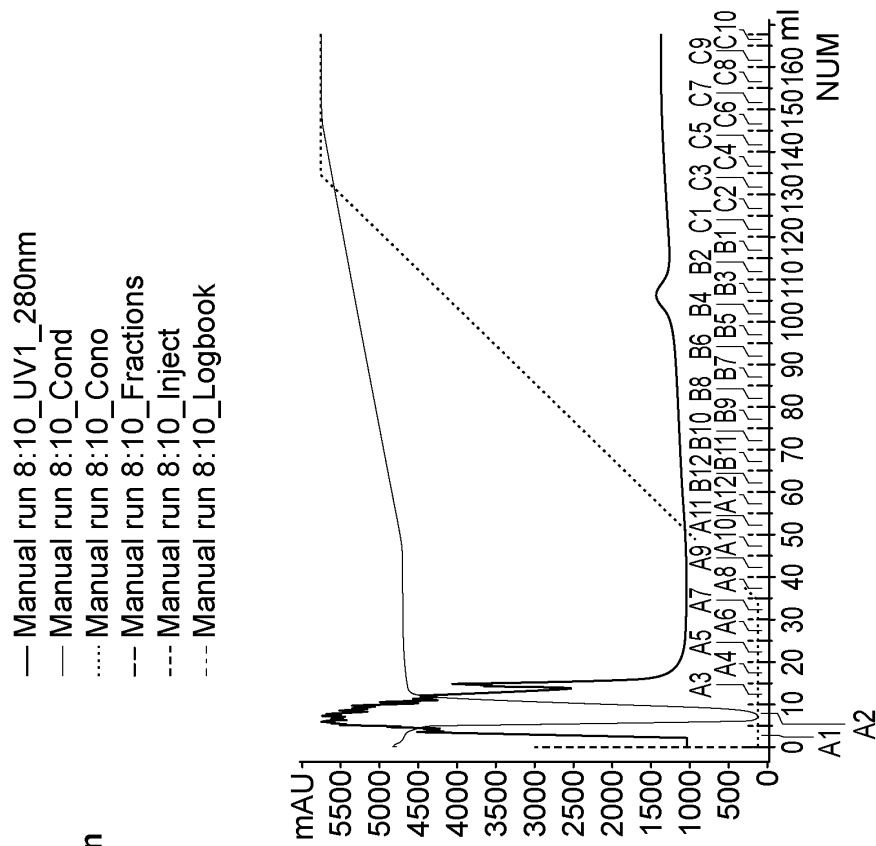


FIG. 5B

Nanoluciferase C166S with Loop AEYAAConjugation Reaction

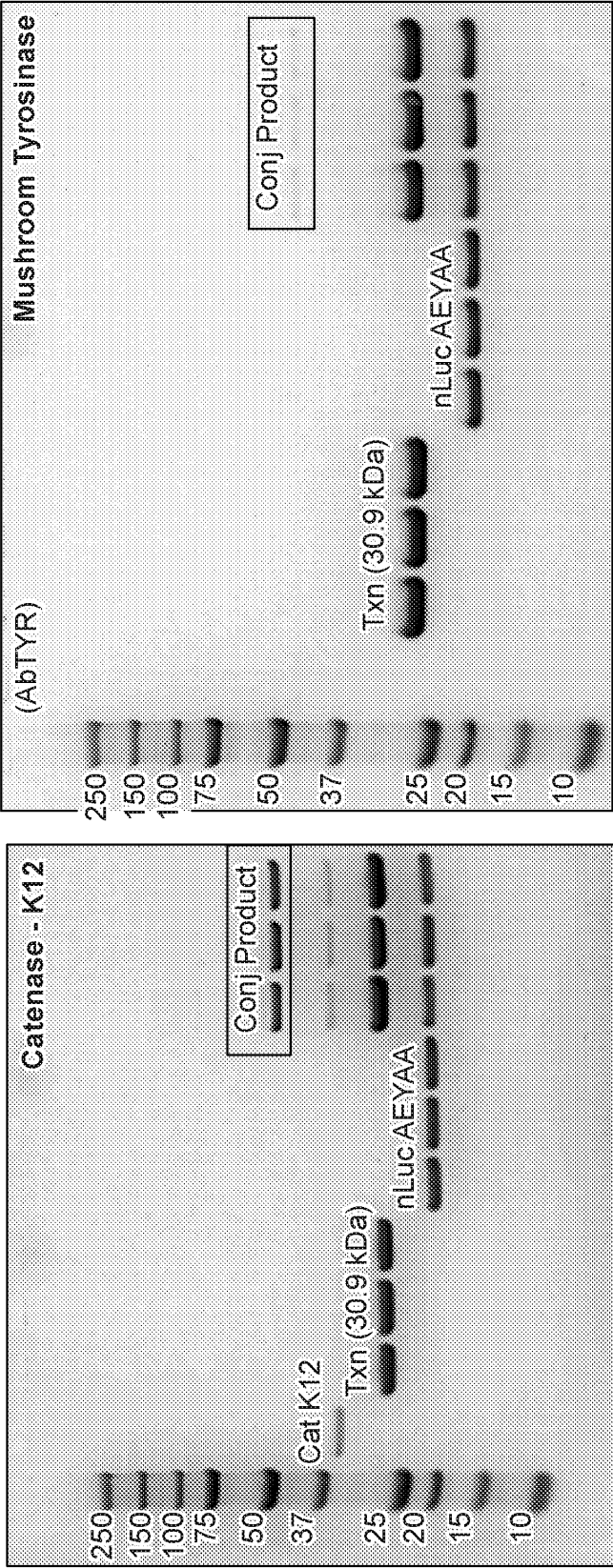


FIG. 5C

FIG. 5D

Nanoluciferase C166S with Loop AQYAA Purification

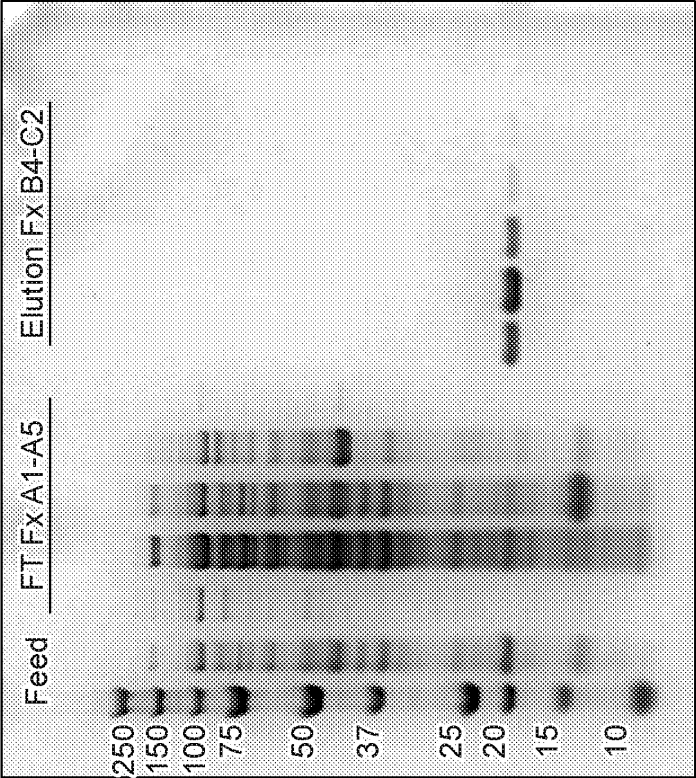


FIG. 6A

— Manual run 2:10_UV1_280nm
— Manual run 2:10_Conc
.... Manual run 2:10_Conc
-- Manual run 2:10_Fractions
--- Manual run 2:10_Inject
--- Manual run 2:10_Logbook

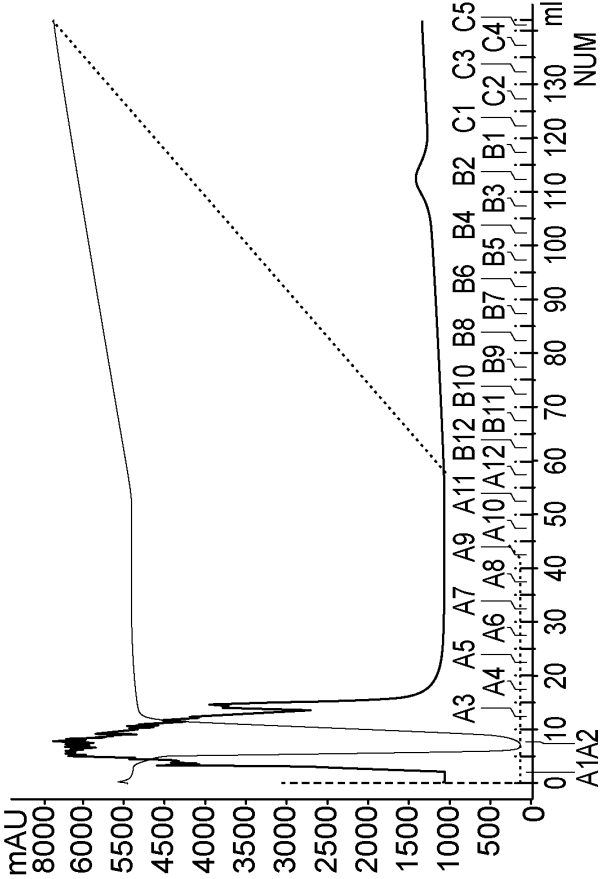


FIG. 6B

Nanoluciferase C166S with Loop AQYAA Conjugation Reaction

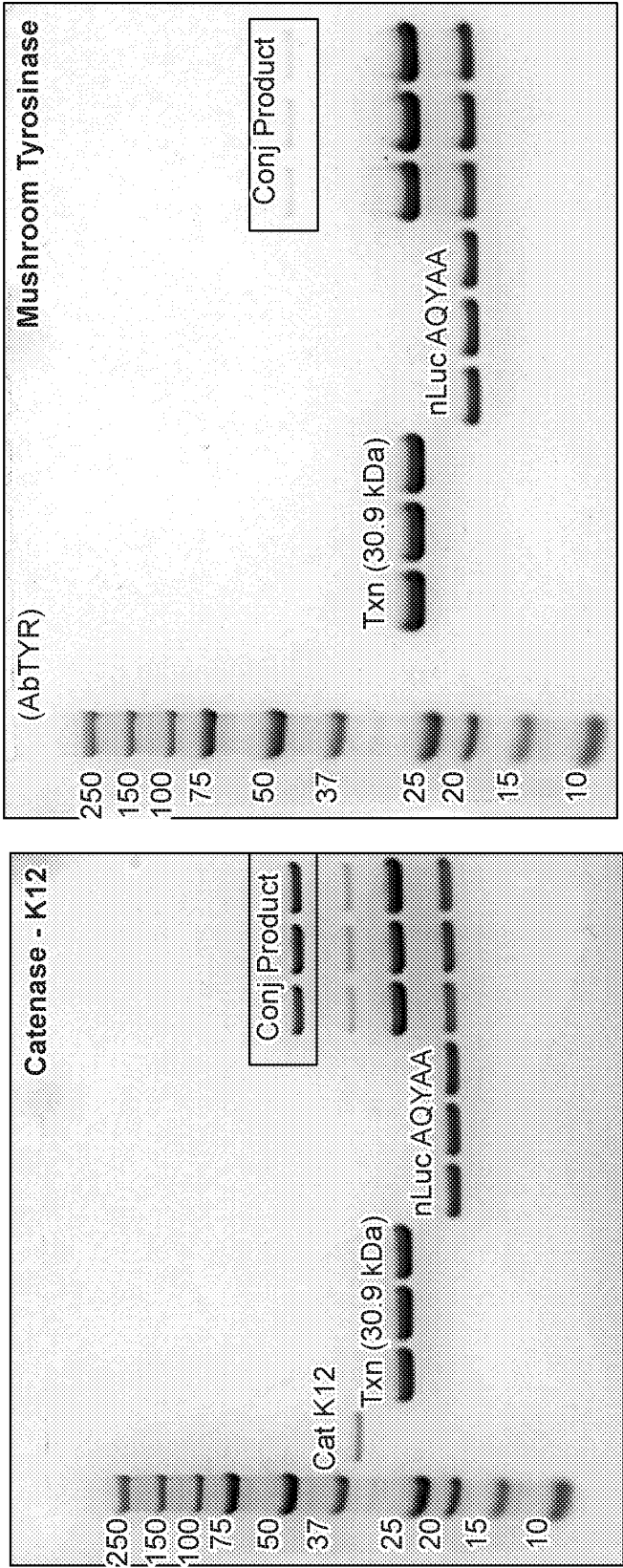


FIG. 6C

FIG. 6D

Nanoluciferase C166S with Loop NYA Purification

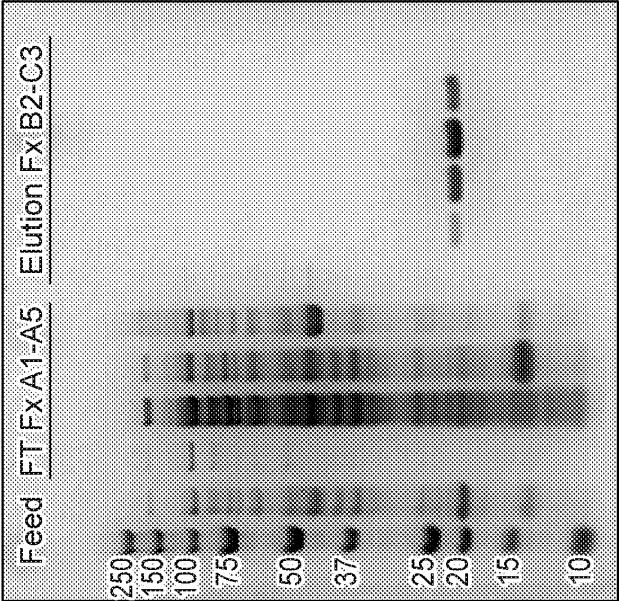


FIG. 7A

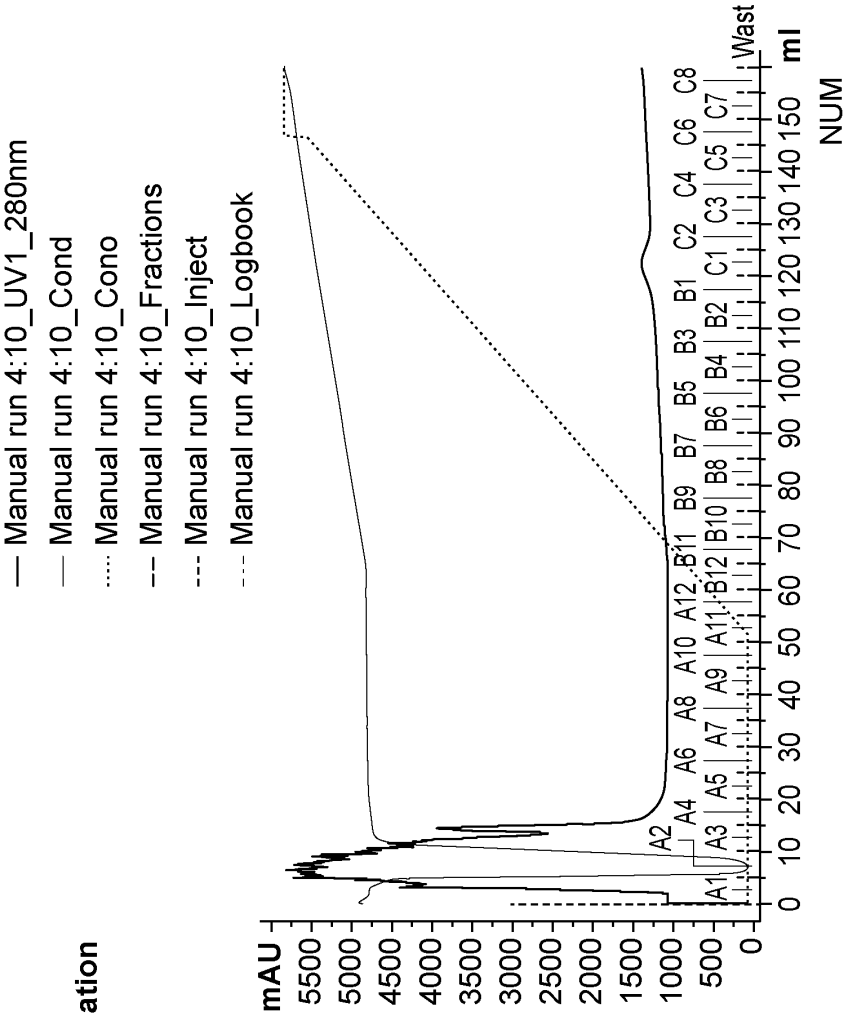


FIG. 7B

Nanoluciferase C166S with Loop NYA Conjugation Reaction

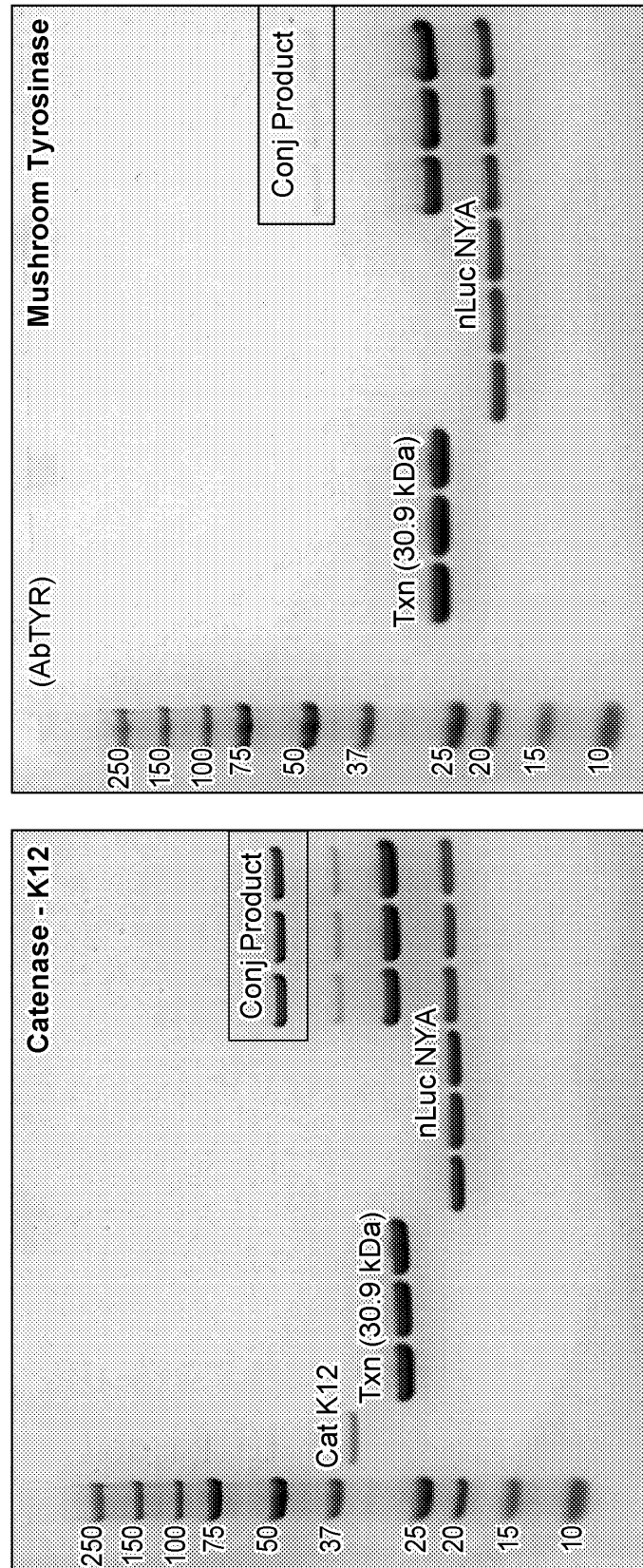


FIG. 7C

FIG. 7D

Nanoluciferase C166S with Loop Y Purification

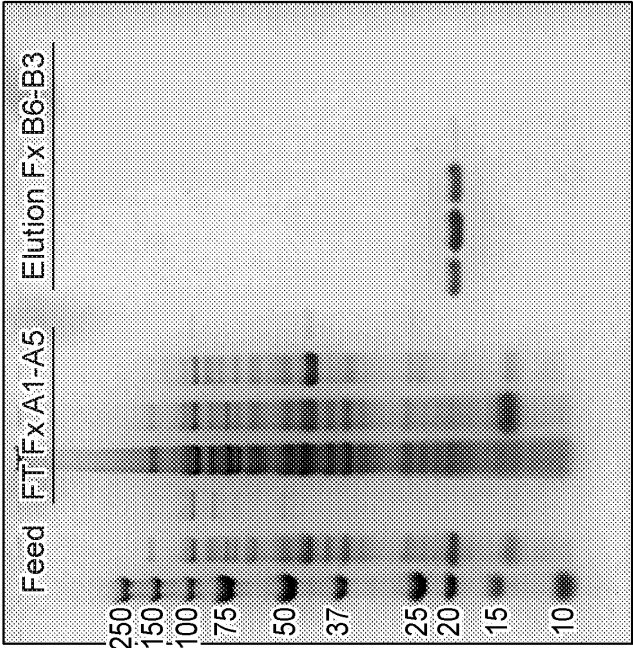


FIG. 8A

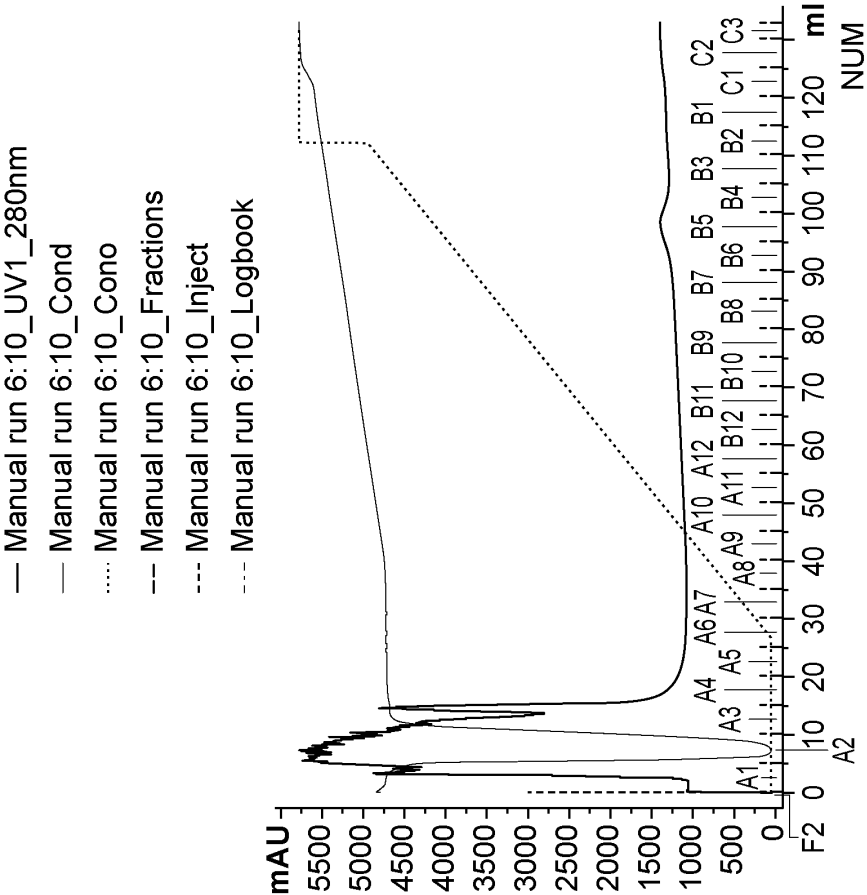


FIG. 8B

Nanoluciferase C166S with Loop Y Conjugation Reaction

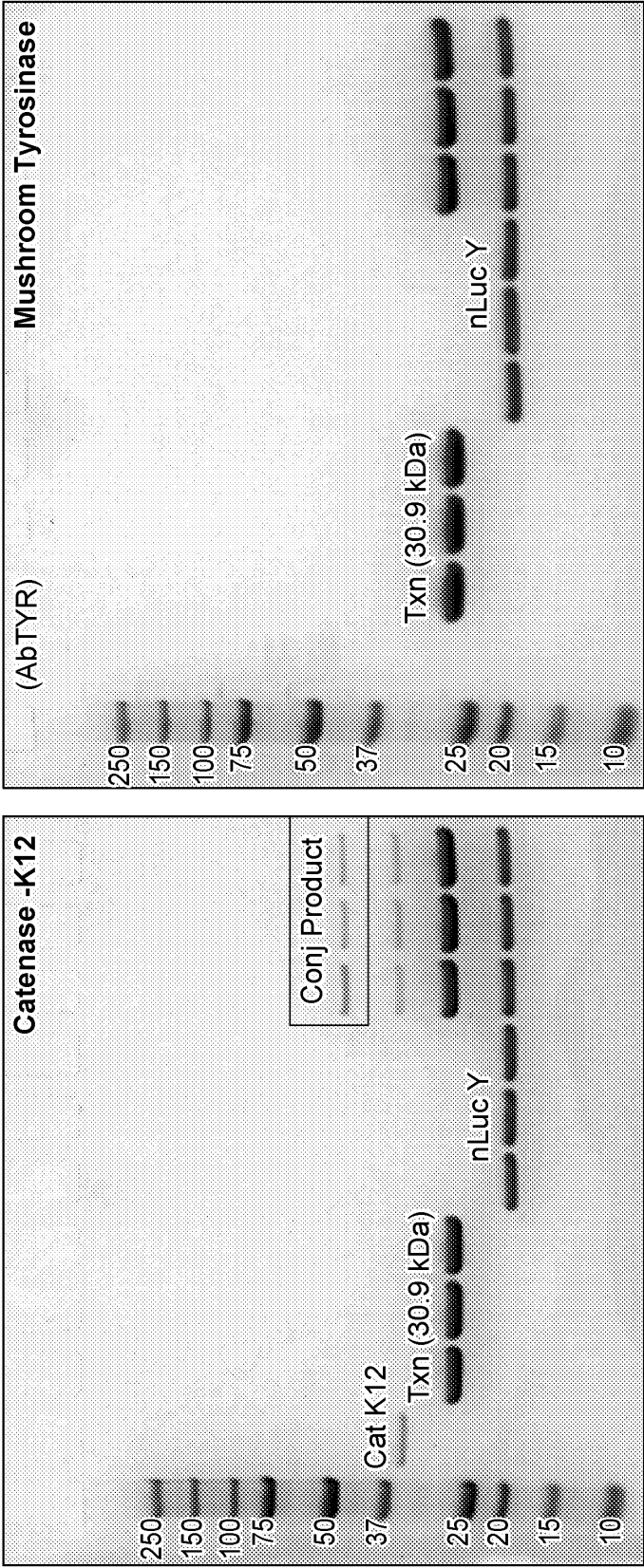


FIG. 8C

FIG. 8D

Nanoluciferase C166S –SGGGGY Conjugation reactions

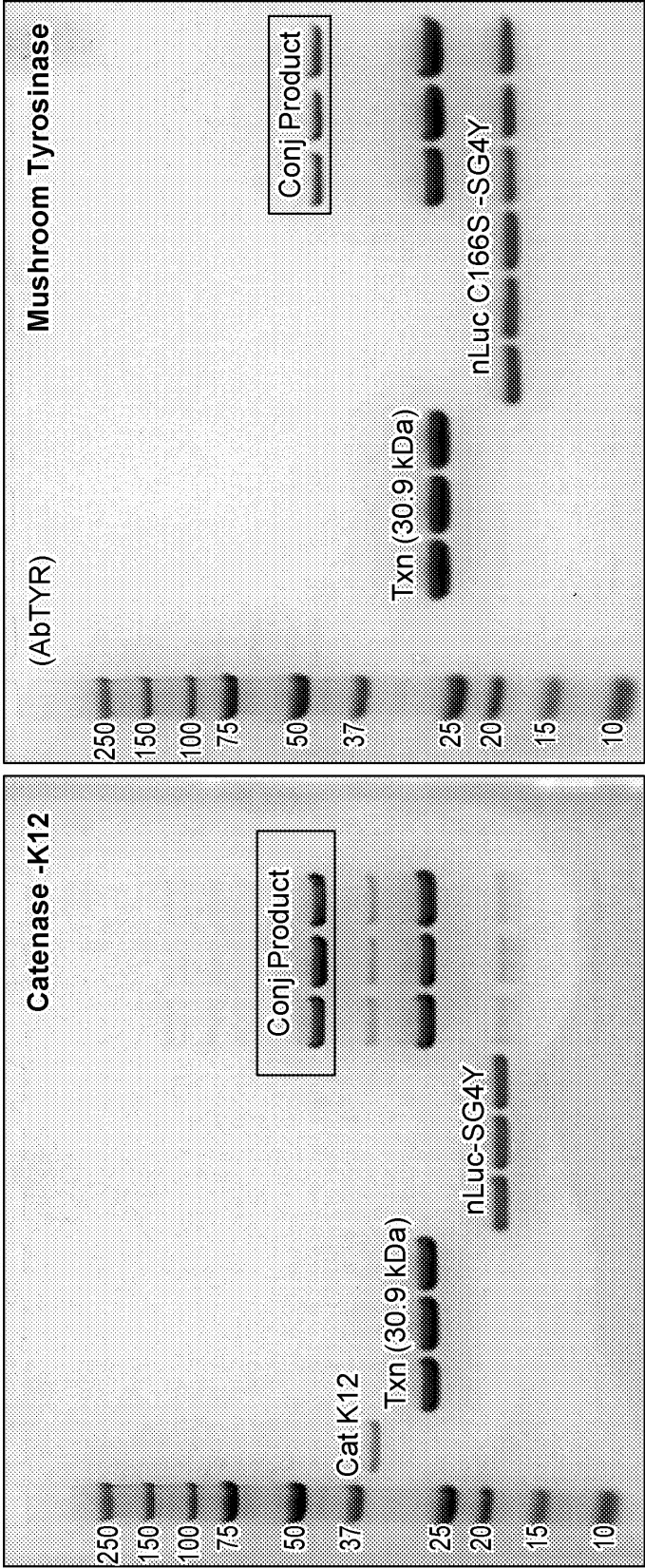


FIG. 8E

FIG. 8F

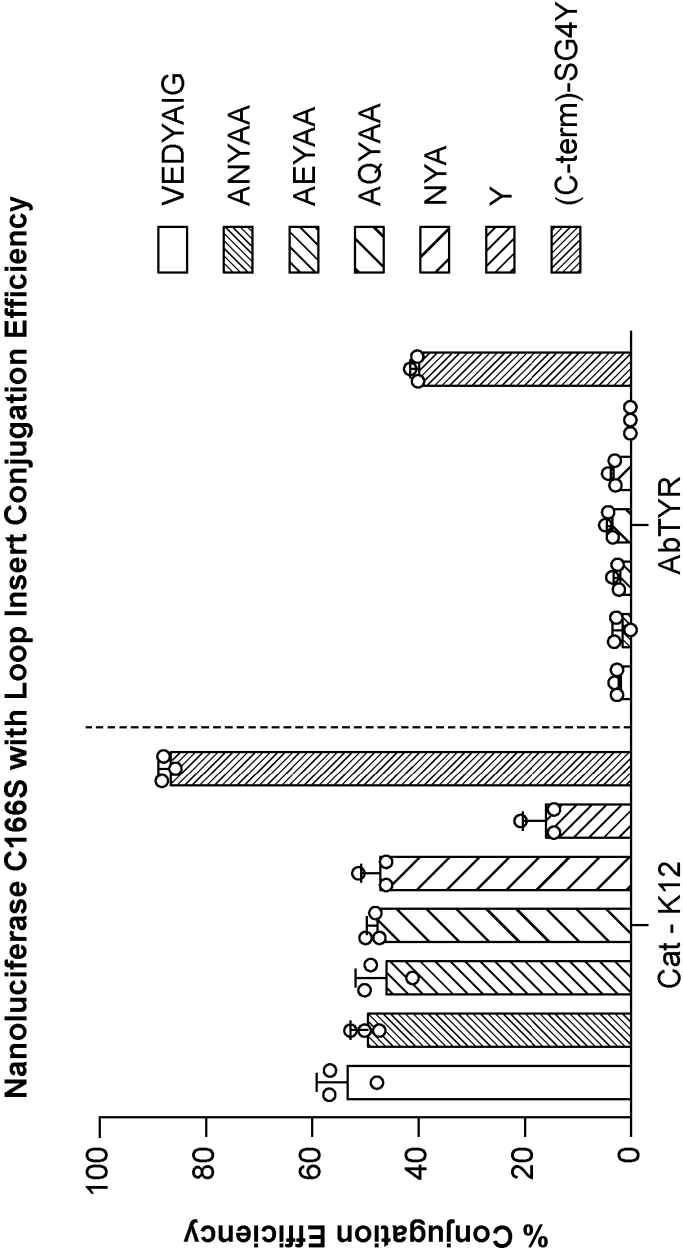


FIG. 9

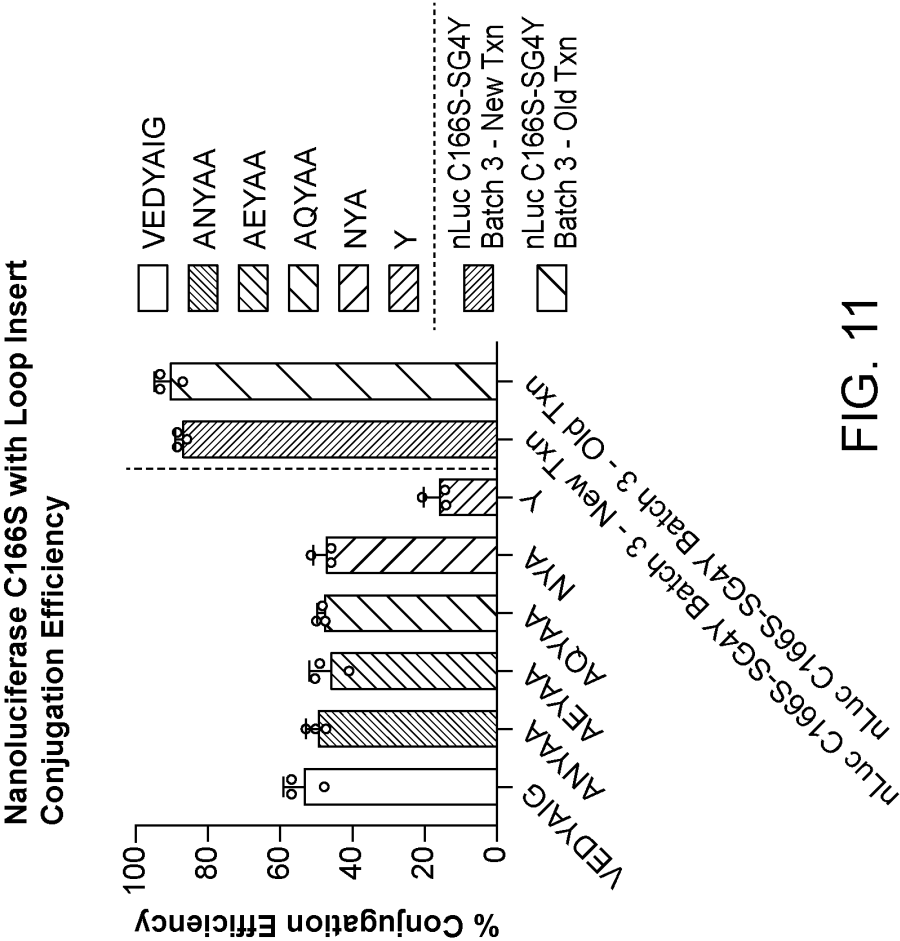


FIG. 11

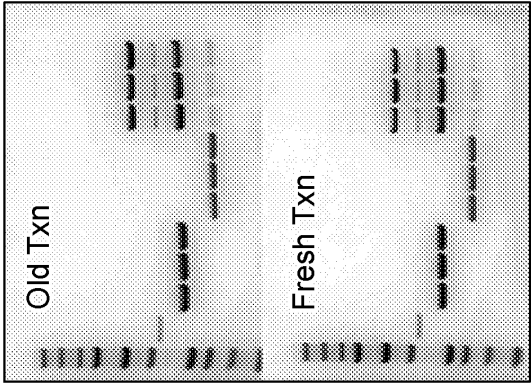


FIG. 10

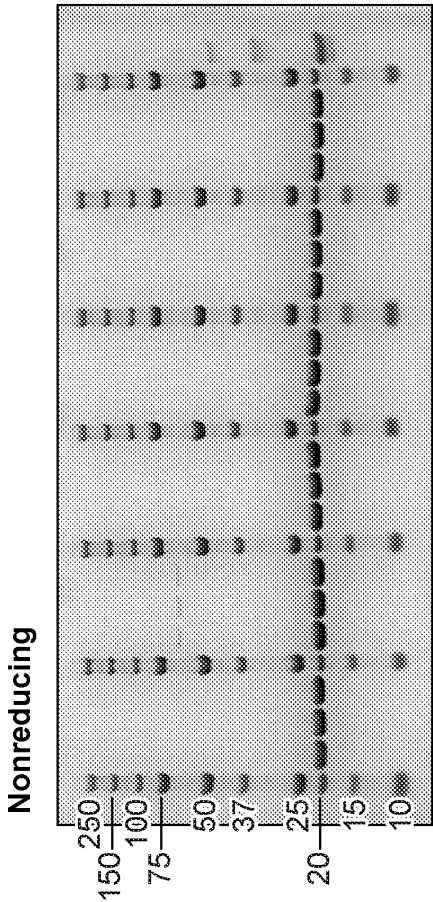


FIG. 12B

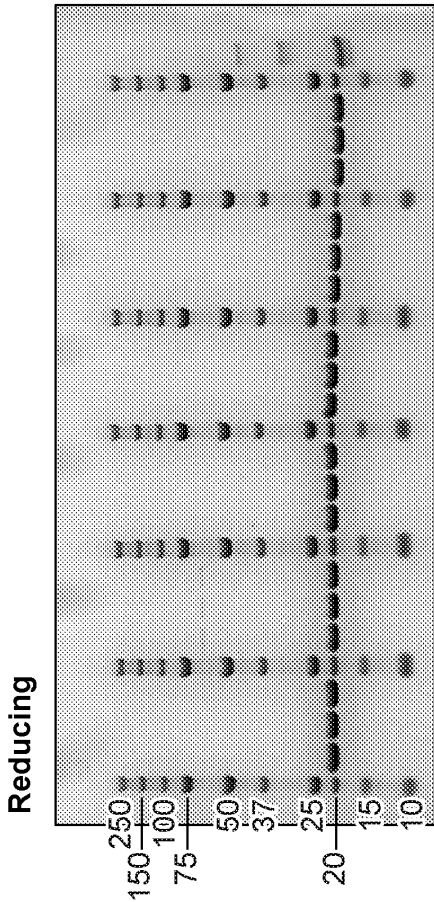
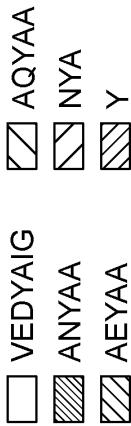


FIG. 12C

nLuc Loop Gel Purity



nLuc Loop Gel Purity

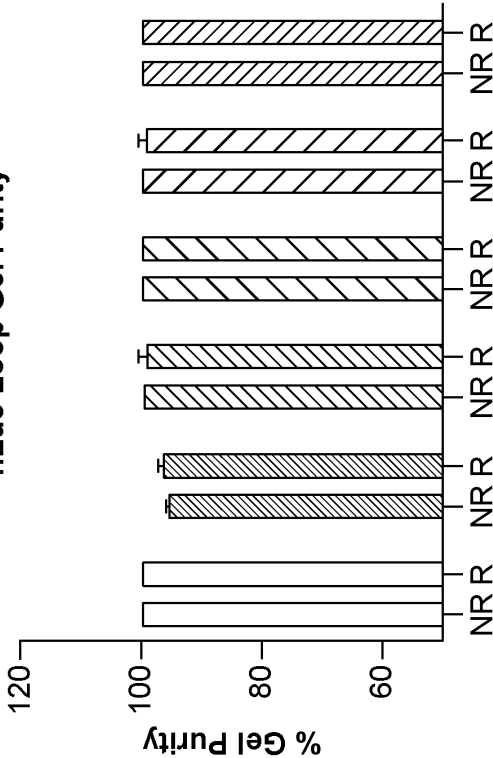


FIG. 12A

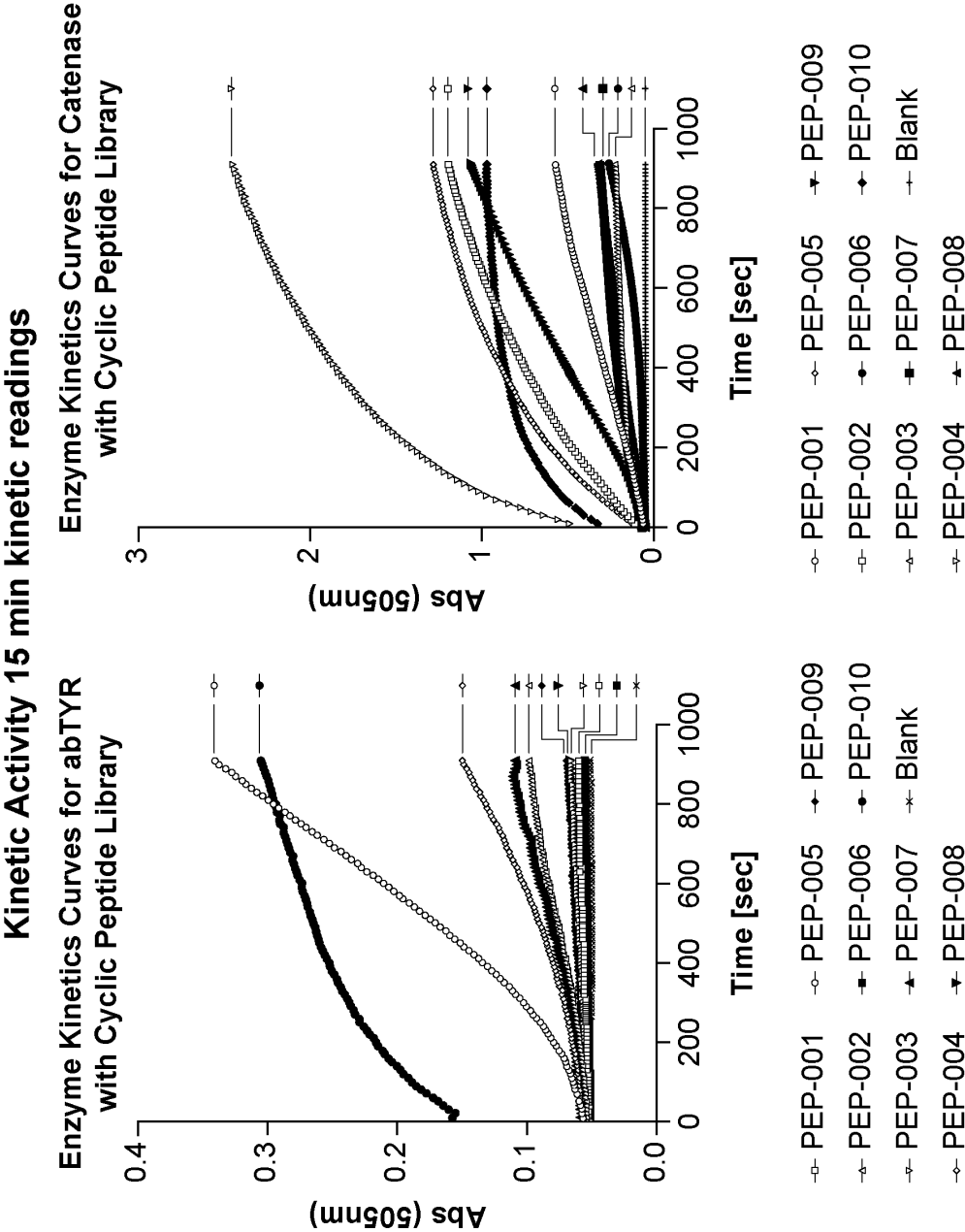
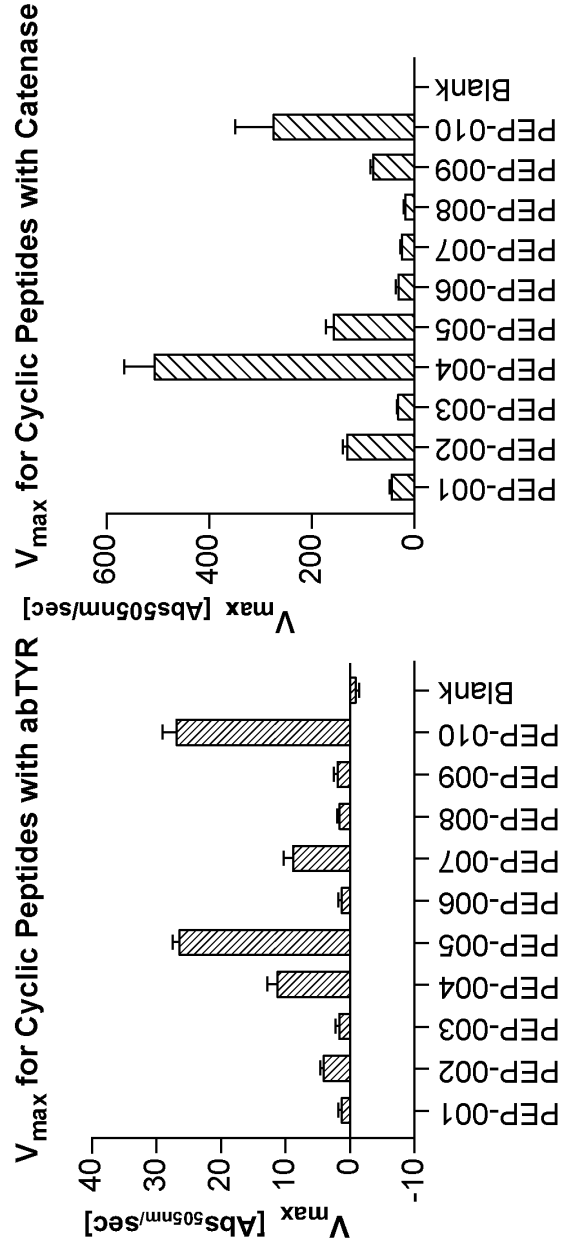


FIG. 13A

FIG. 13B

ID Number	Peptide Sequence
PEP-001	EEEEEEA
PEP-002	EAEYAAE
PEP-003	EEAYAAE
PEP-004	EANYAAE
PEP-005	EHAYAAE
PEP-006	EEQYNST
PEP-007	NSTYRVV
PEP-008	DRVYIHP
PEP-009	ADHYSWE
PEP-010	VEDYAIG



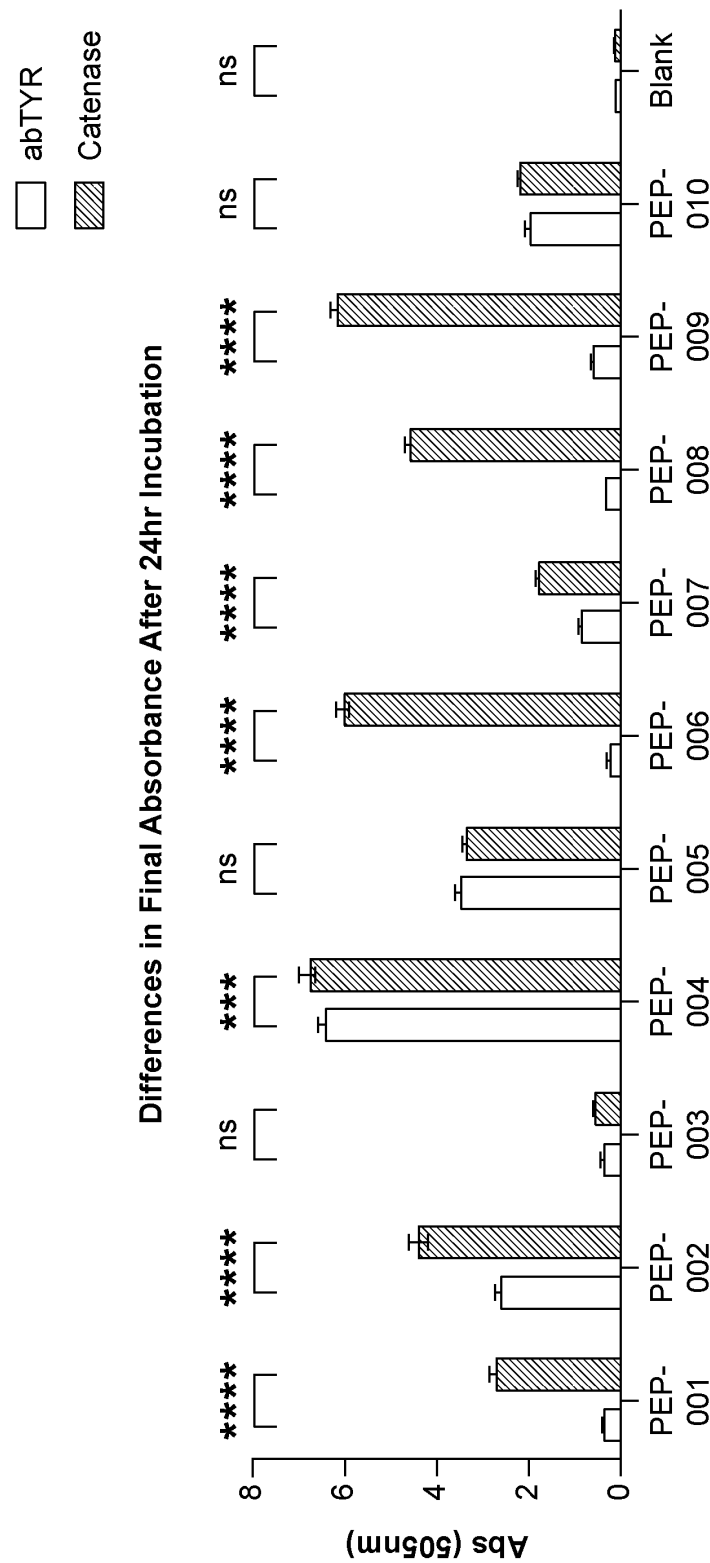
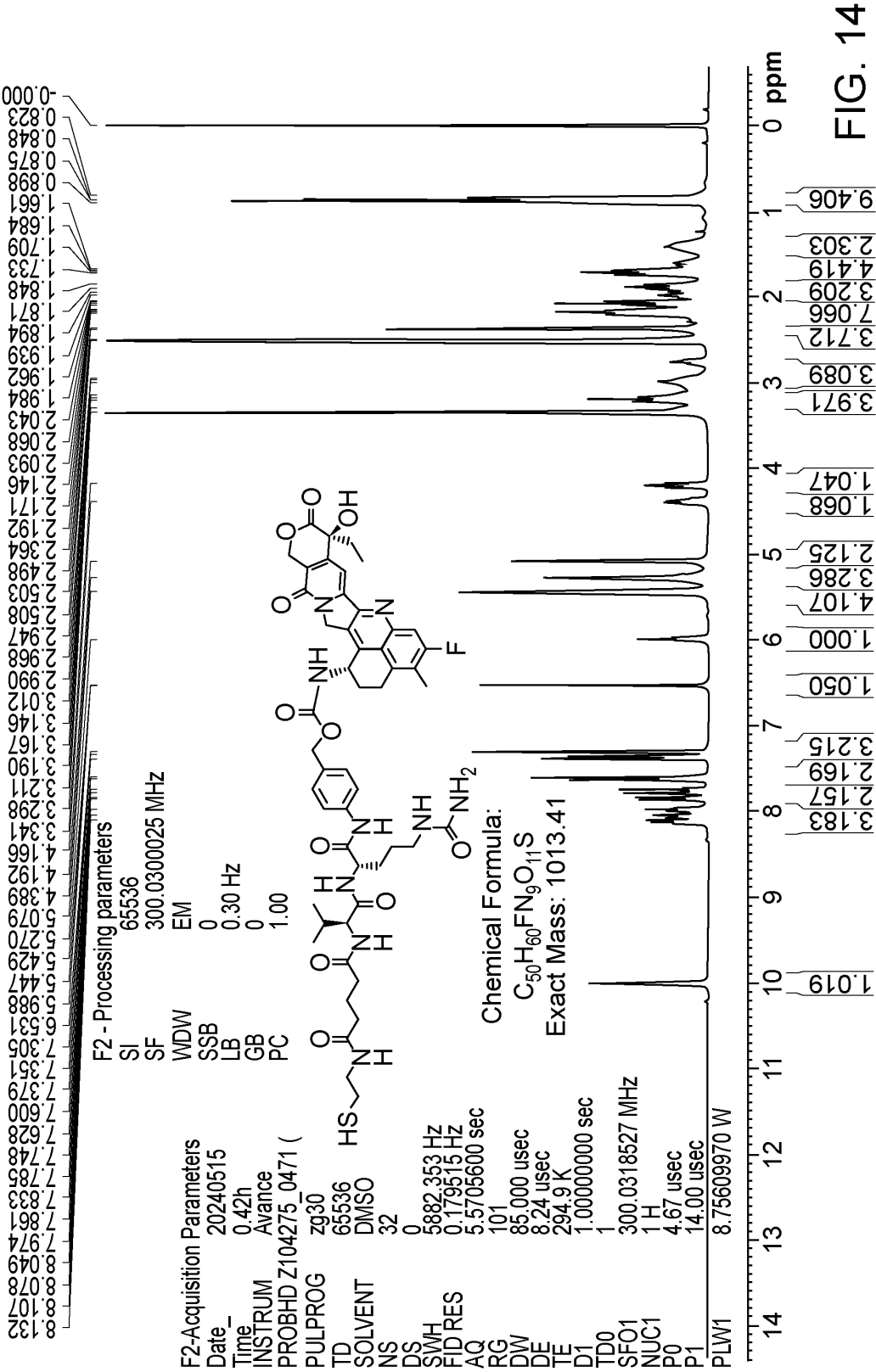


FIG. 13E



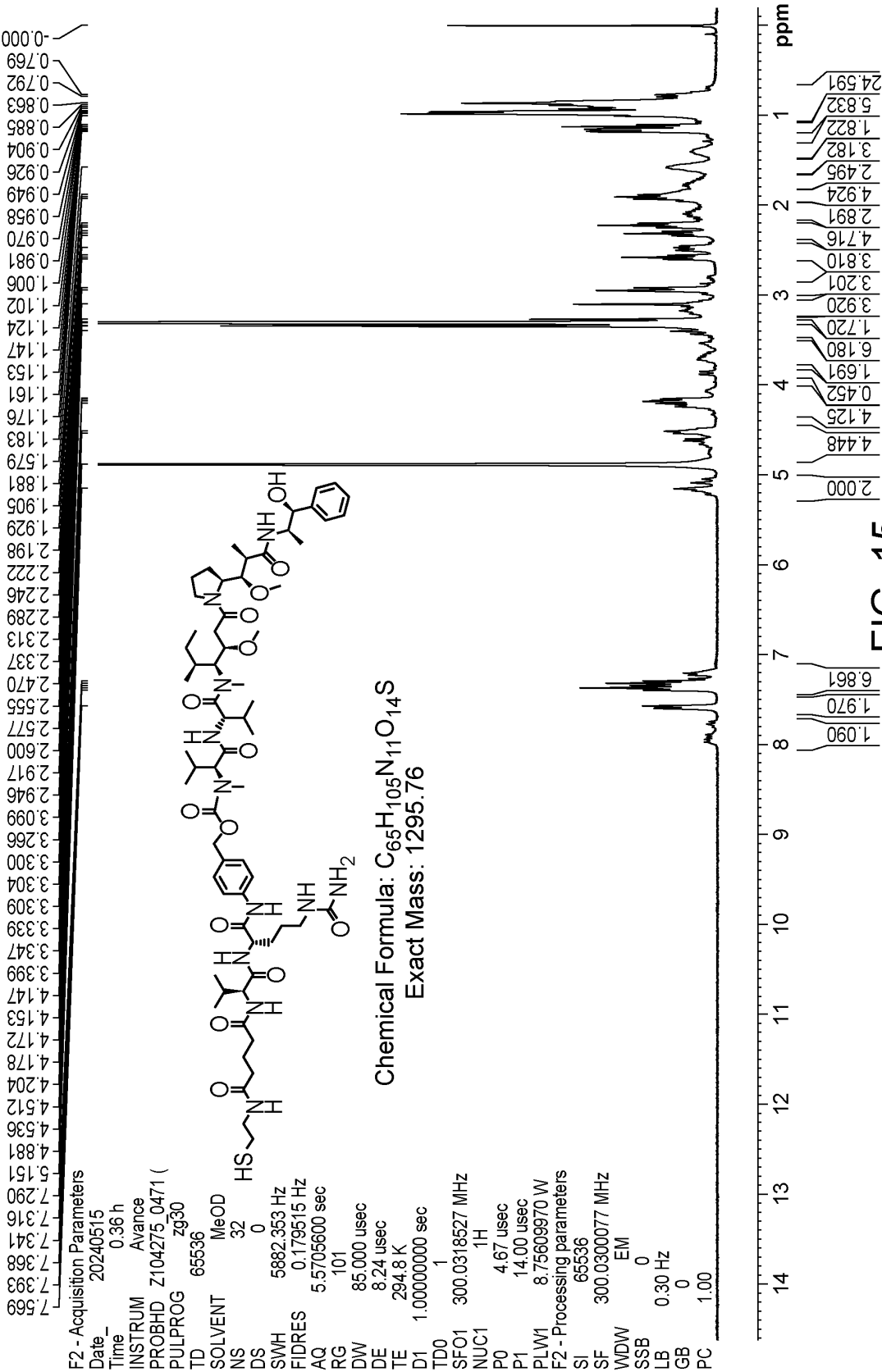


FIG. 15