

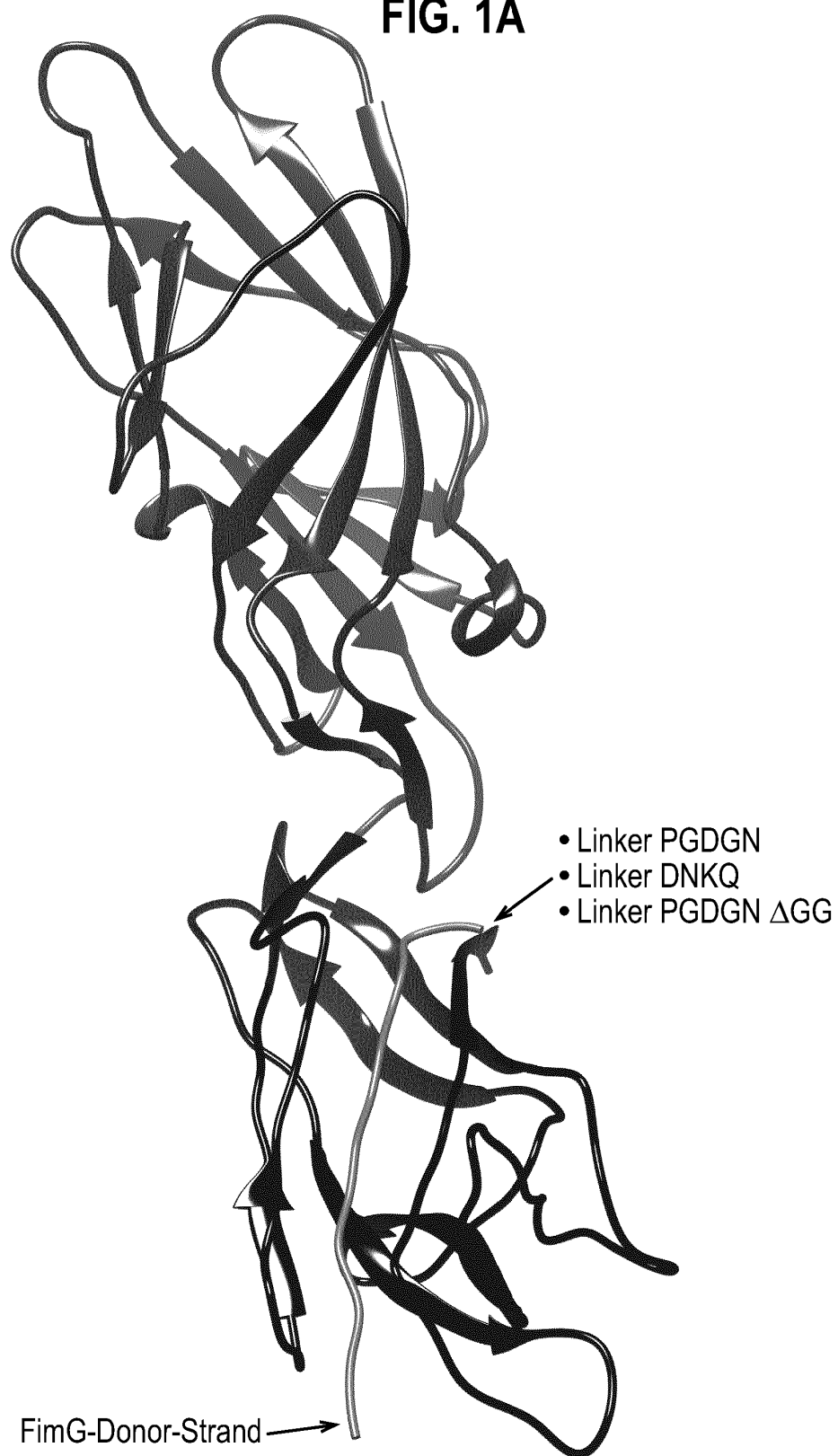
FIG. 1A

FIG. 1B

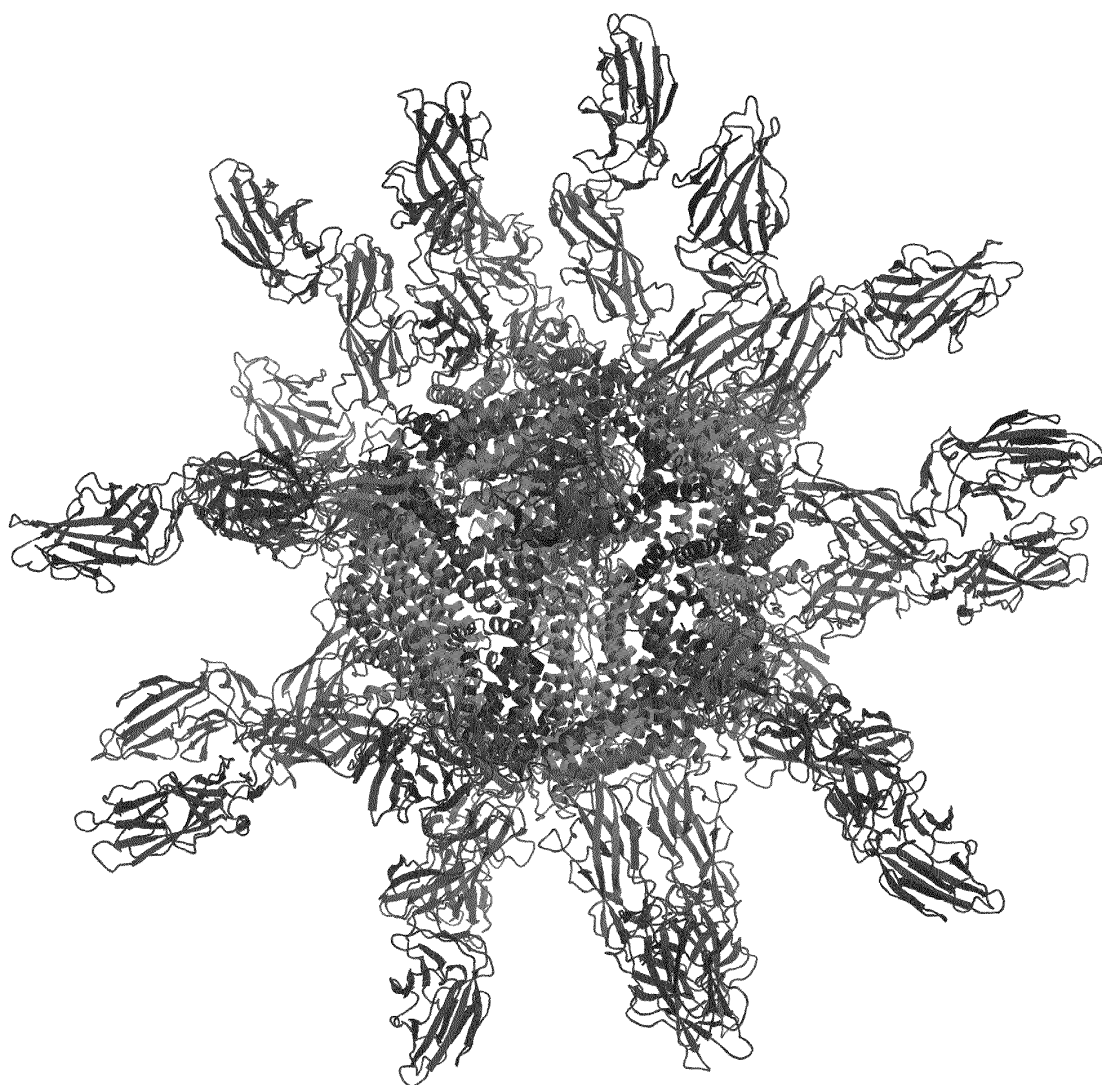
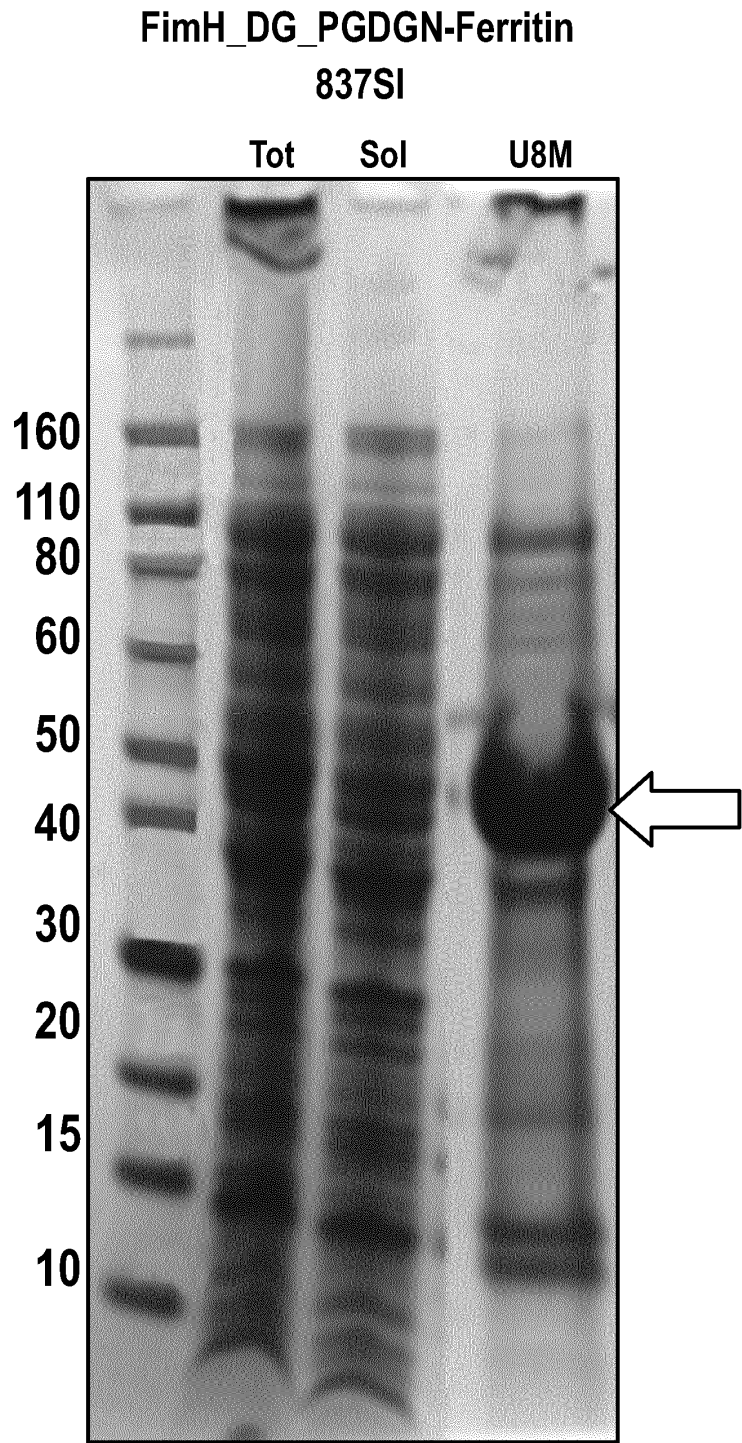


FIG. 2A Cytoplasmic expression



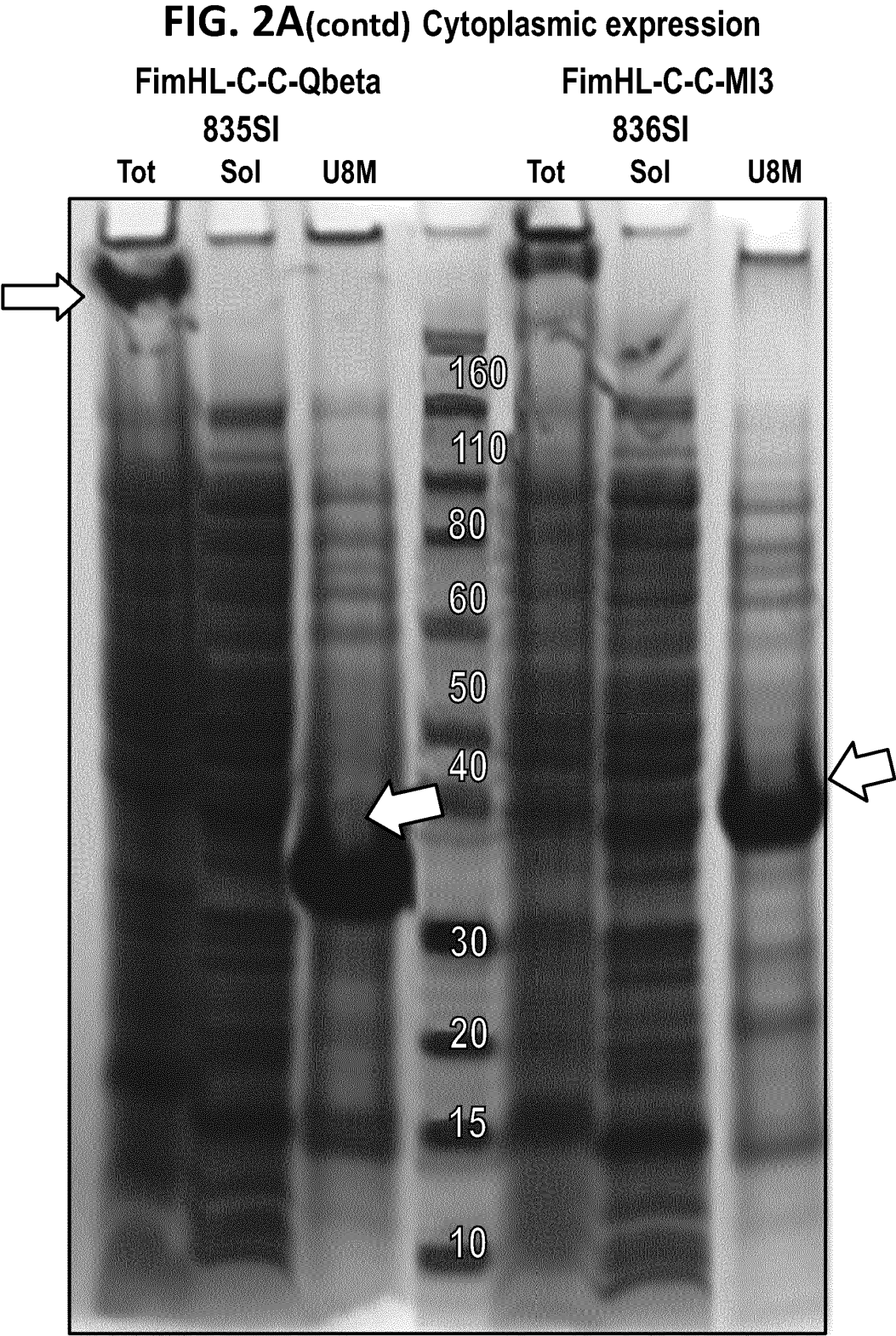


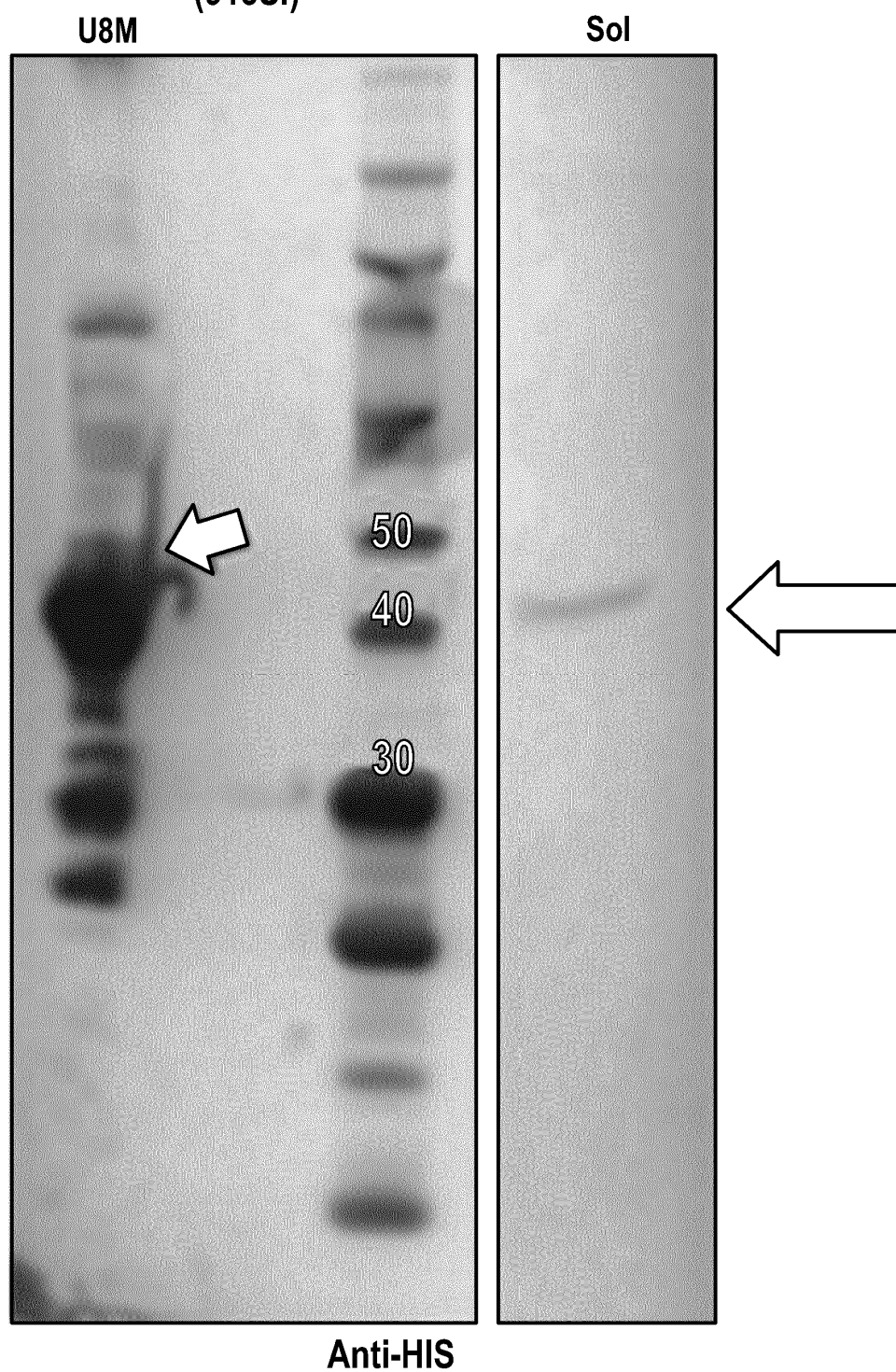
FIG. 2A(contd) Cytoplasmic expression**FimHL-NOCYS-MI3
(913SI)**

FIG. 2B

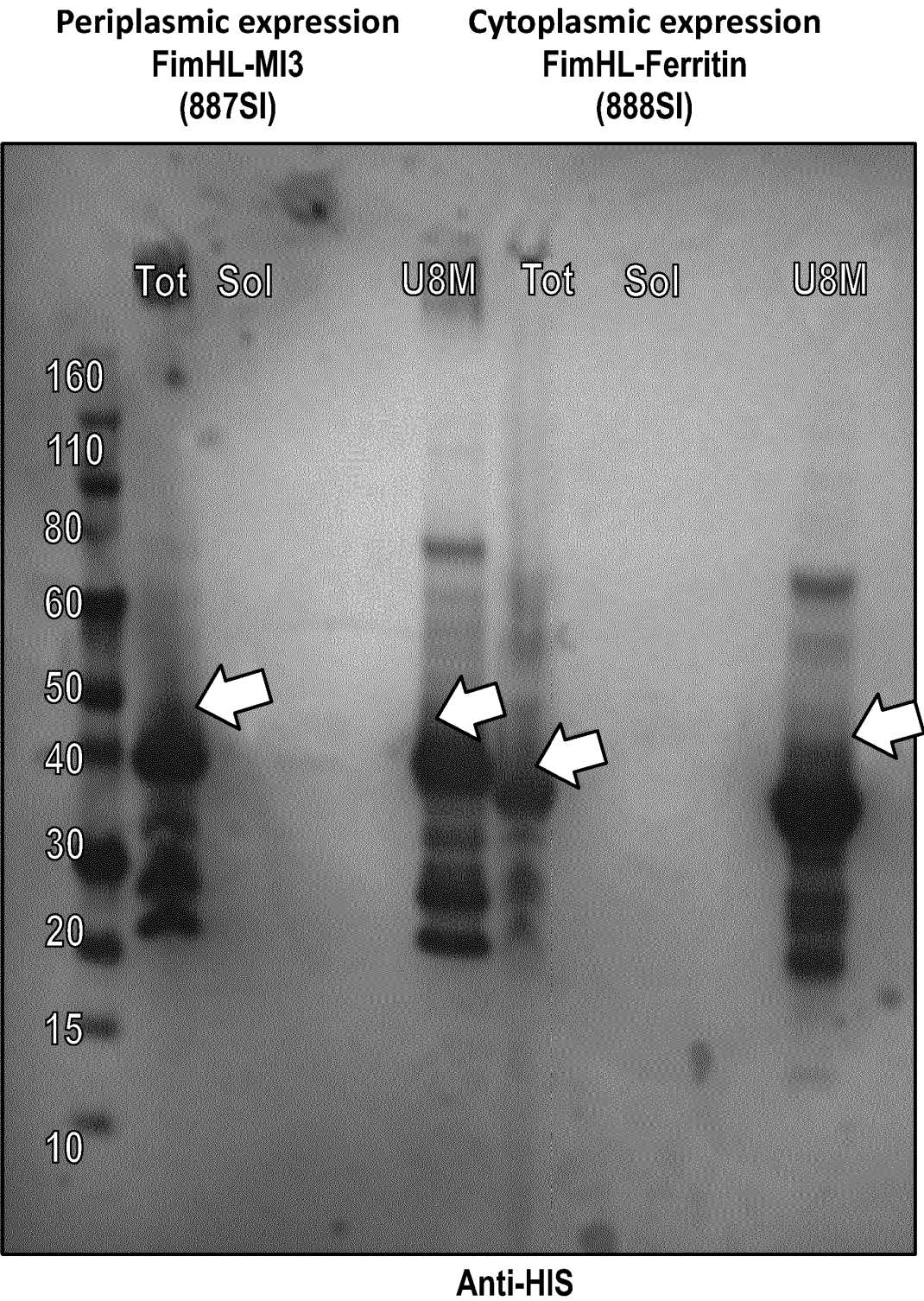


FIG. 3



NetNGlyc 1.0 Server - prediction results

Technical University of Denmark

Asn-Xaa-Ser/Thr sequons in the sequence output below are highlighted in blue.
Asparagines predicted to be N-glycosylated are highlighted in red.

Output for 'Sequence'

Name: Sequence Length: 300

MKRVTILFAVLLMGWSVNAWSFACTANGTAIPIGGGSANVYVNLAPVVNVGQNLVVDLSTQIFCHNDYPETITDYVTIQ 80

RGSAYGGVLSNFSGTVKYSGSSYPPTTSETPRVVYNSRTDKPWPVALYLPVSSAGGVAIKAGSLIAVLILRQTNNYNS 160

DDFQFVWNIYANNDDVVPTGGCDVSARDVTITLFDYPGSVPIPLTVYCAKSNLGYLLSGTTADAGNSIFTNTASFSPAQ 240

GVGVQLTRNGTIIPANNTVSLGAVGTSASVSLGLTANYARTGGQVTAGNVQSIIGVTFVYQ

.....N..... 80

.....N..... 160

.....N..... 240

.....N..... 320

(Threshold=0.5)

SeqName	Position	Potential	Jury agreement	N-Glyc result
Sequence	28 NGTA	0.7688	(9/9)	+++
Sequence	91 NFSG	0.6250	(9/9)	++
Sequence	249 NGTI	0.7063	(9/9)	++
Sequence	256 NNTV	0.4498	(6/9)	-

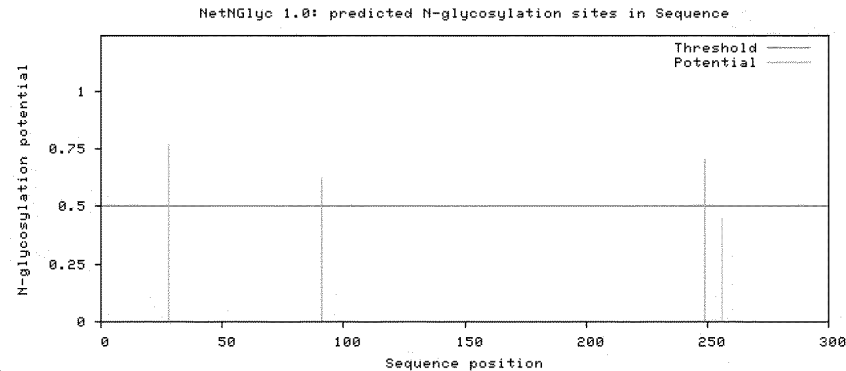


FIG. 4

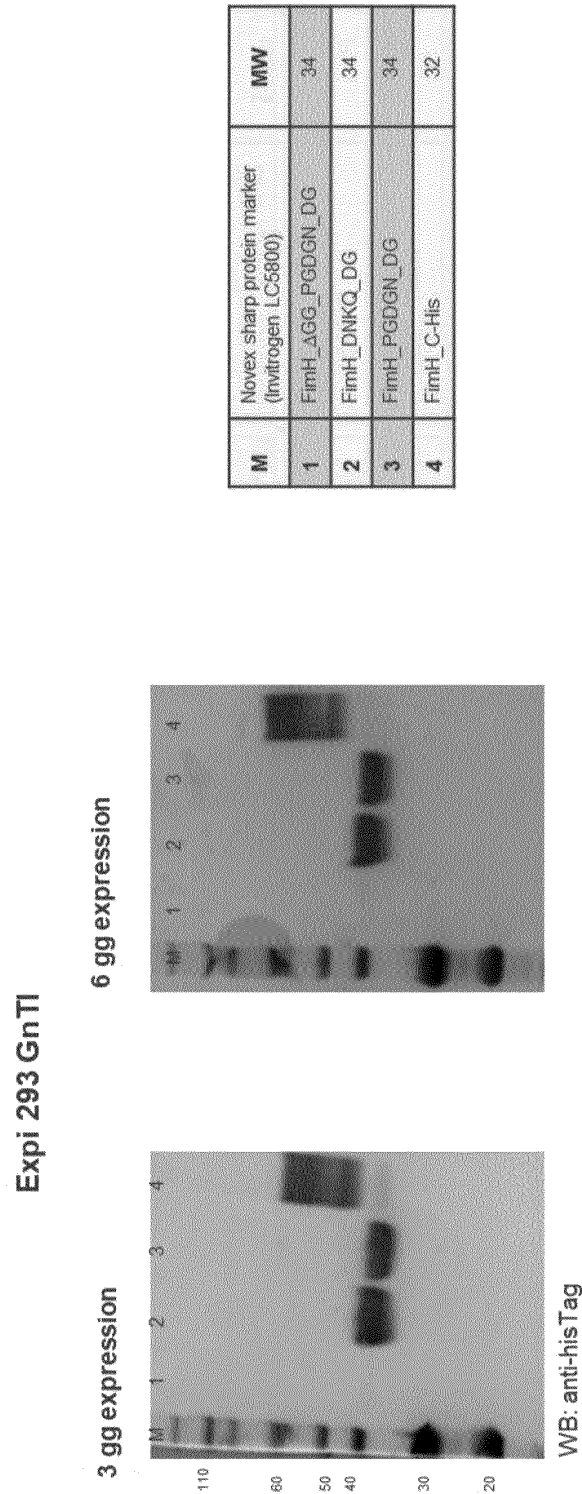


FIG. 5

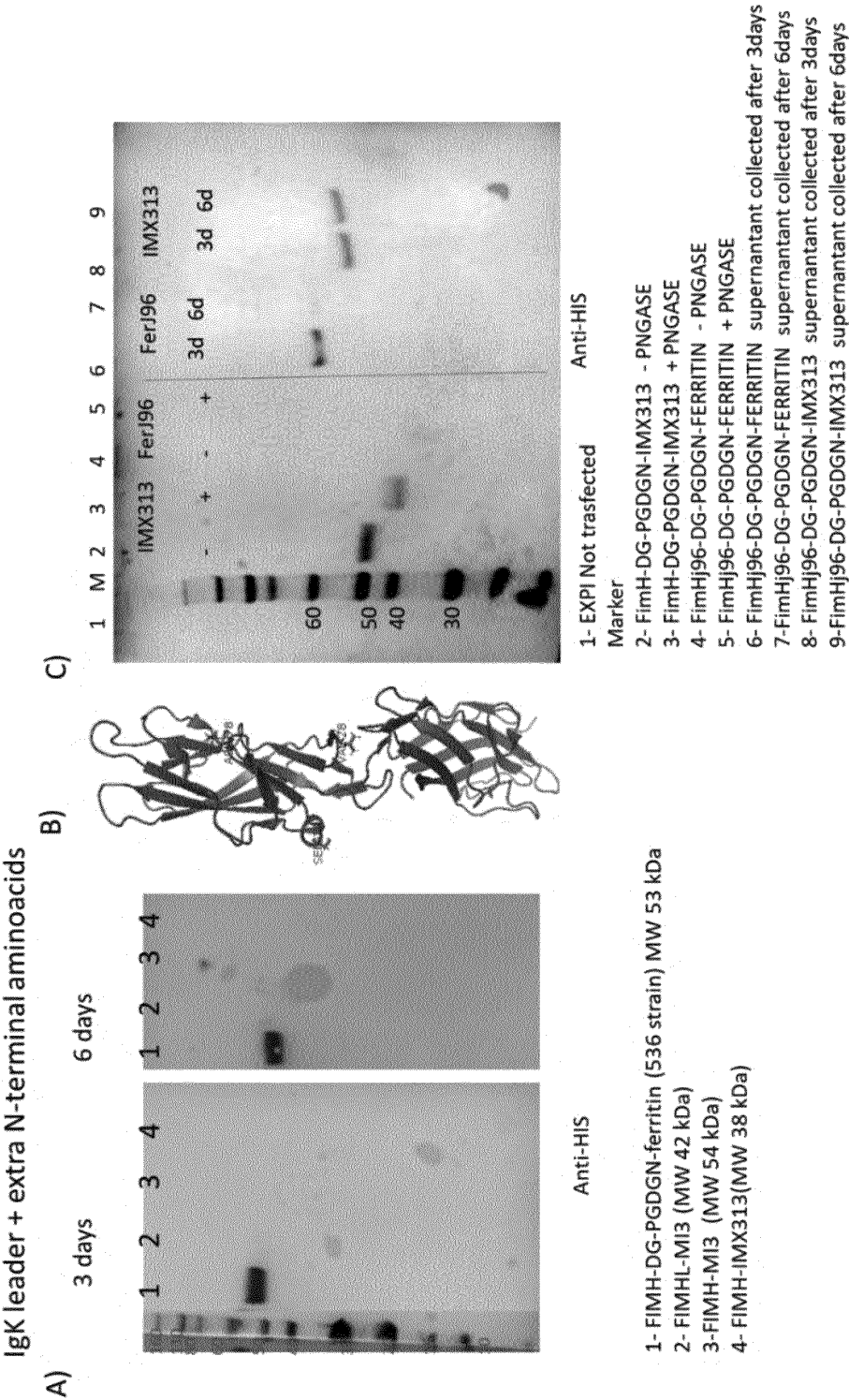
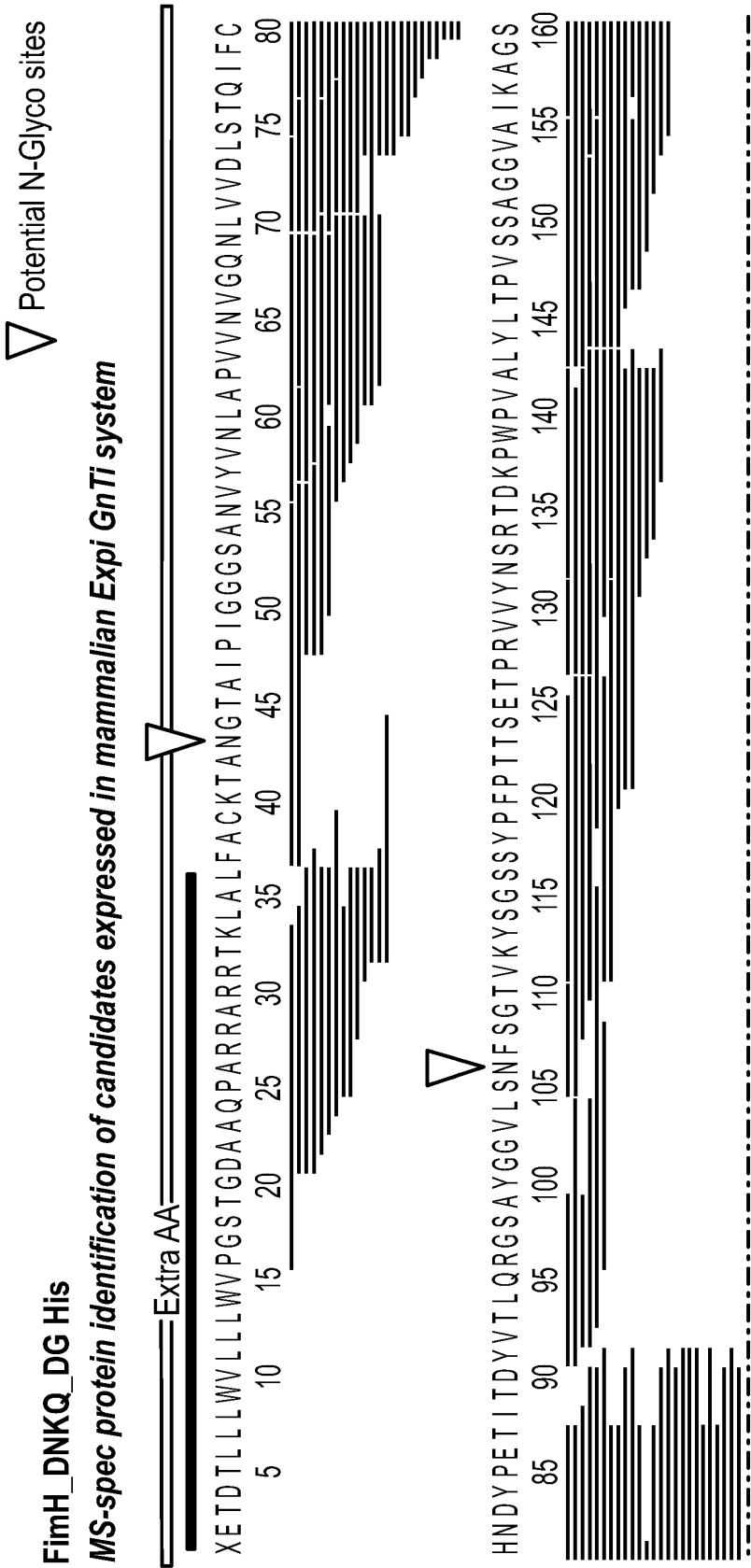


FIG. 6



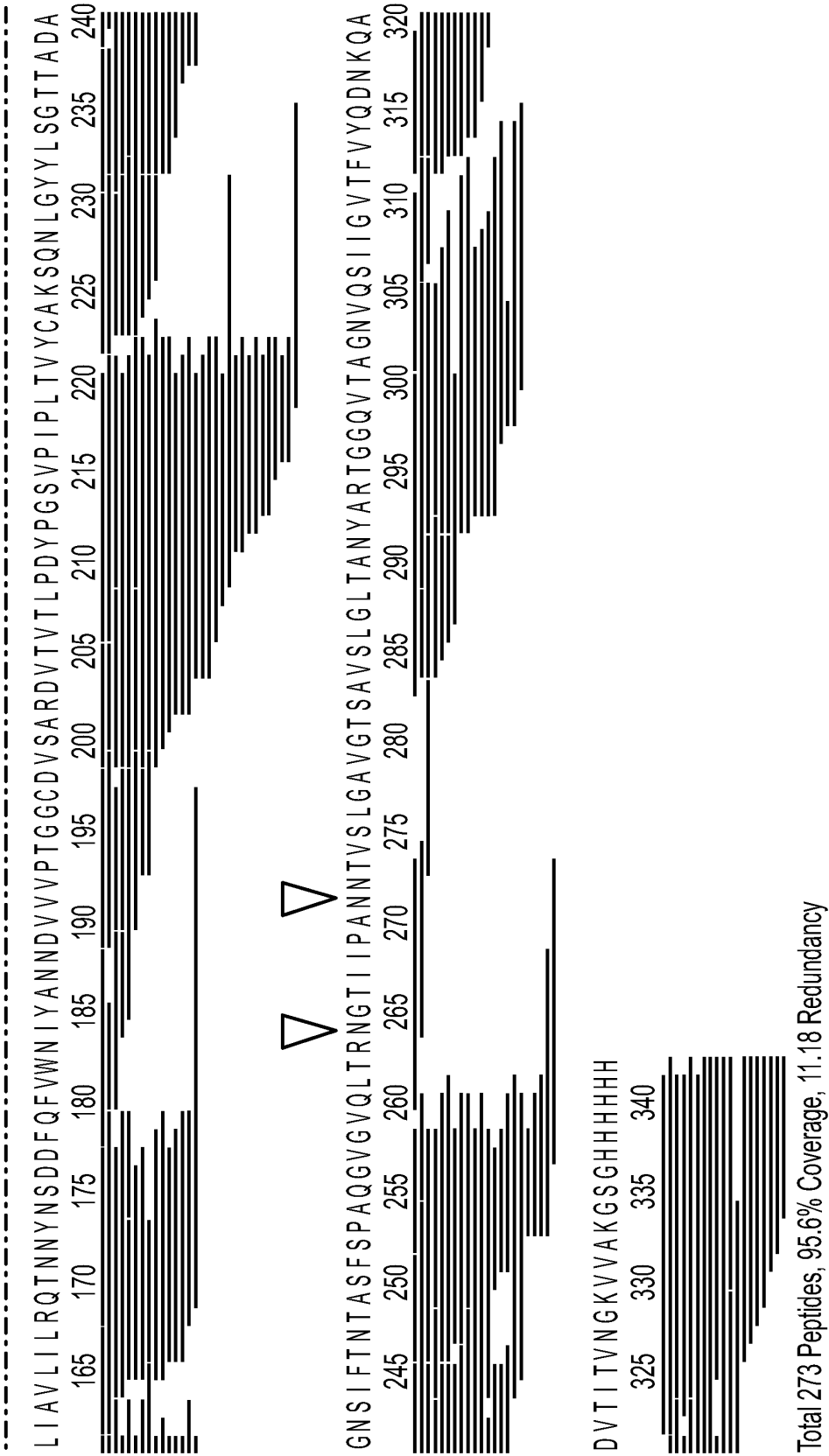
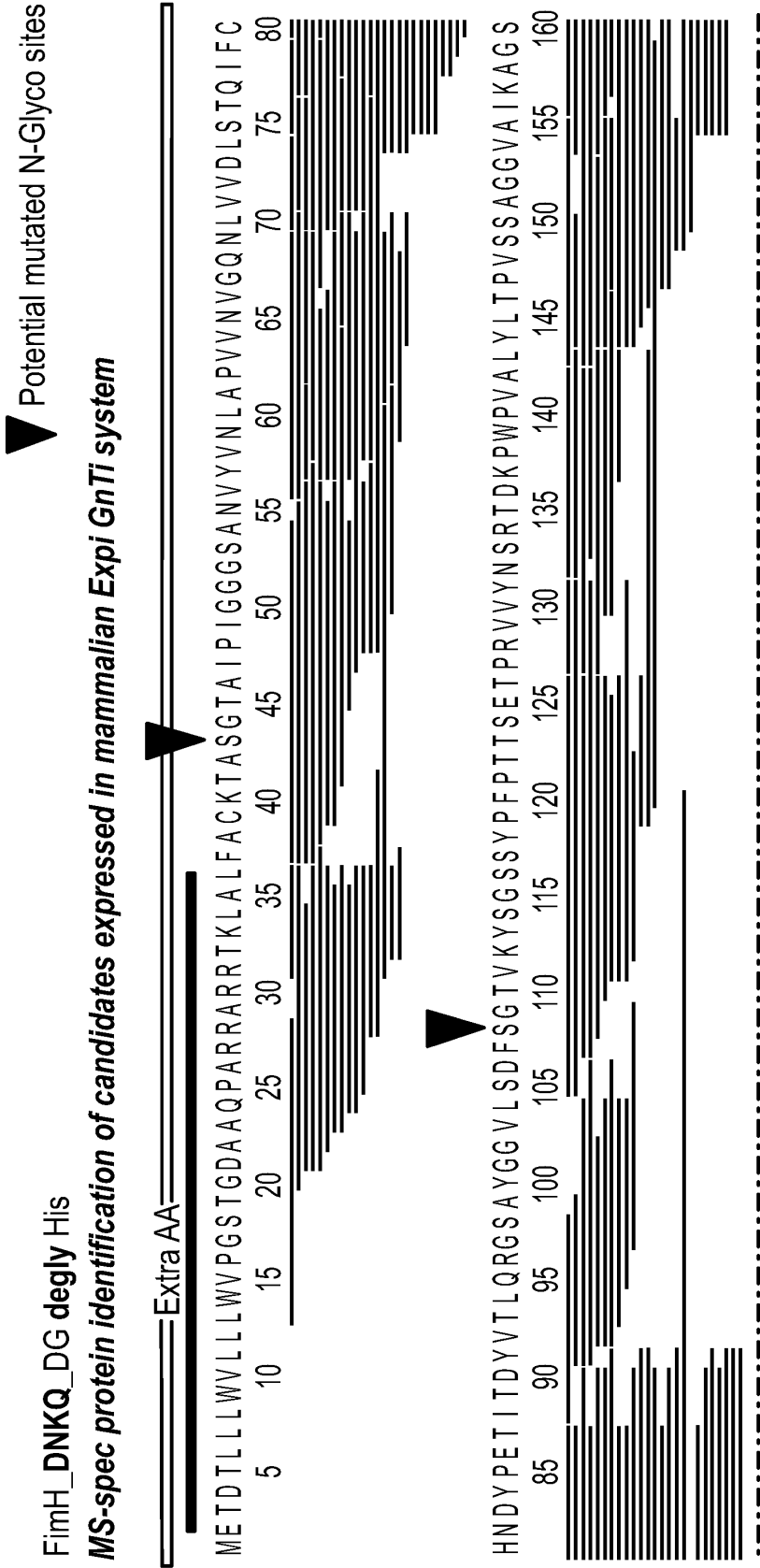


FIG. 6(contd)

FIG. 6(contd)



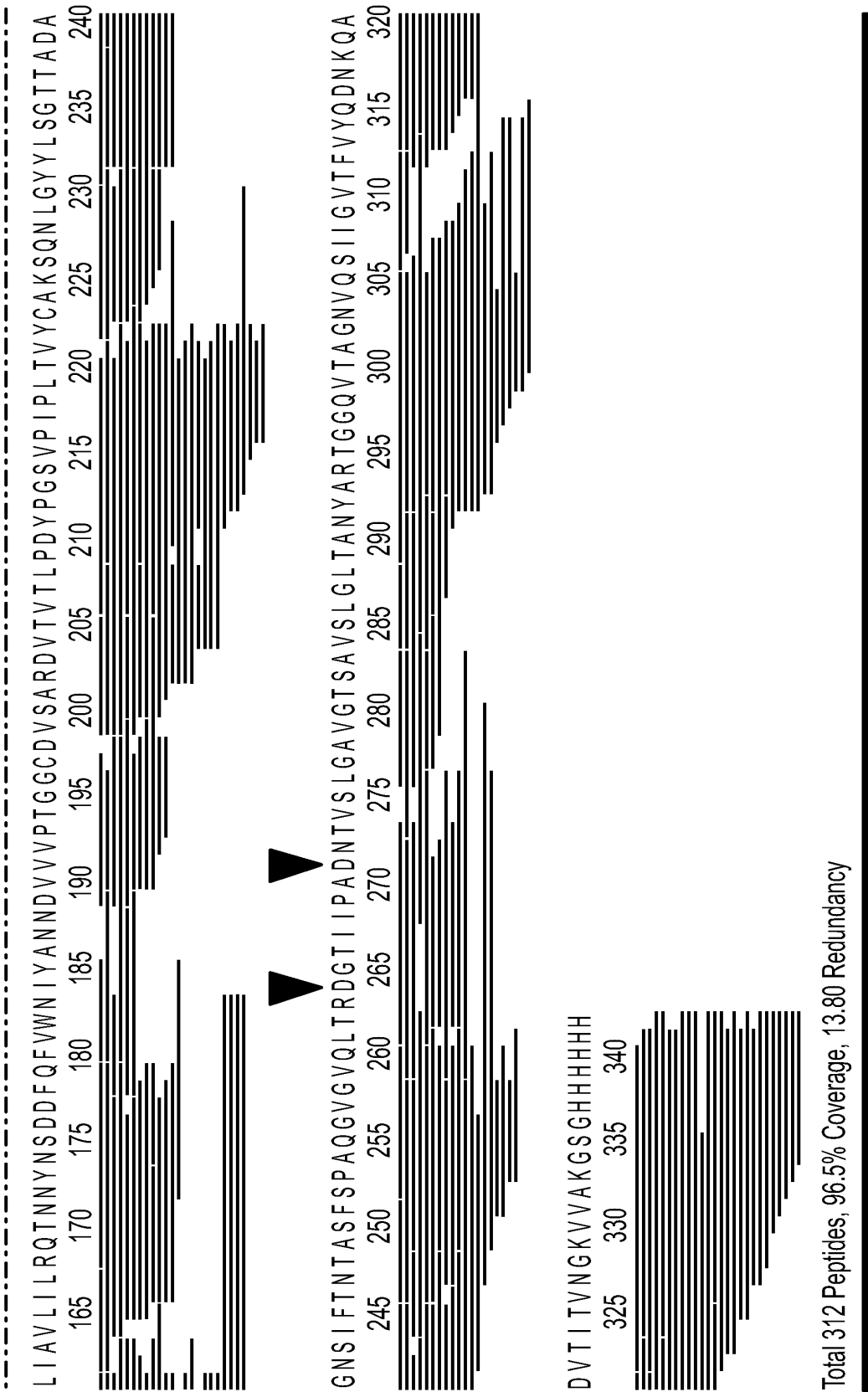


FIG. 6(contd)

FIG. 7



- 1- Not transfected GNTI cells
- 2- Short leader FIMH_DG_PGDGN_Ferritin (j96) (1042SI)
- 3- Short leader FIMH_DG_PGDGN_IMX313(j96) (1043SI)
- 4- Short leader FIMH_DG_PGDGN (j96) (988SI)
- 5- Extra AA FIMH_DG_PGDGN_IMX313 (j96) (993SI)
- 6- EXTRA AAFIMH_DG_PGDGN_Ferritin (536) (995SI)
- 7- Short leader FIMH_DG_PGDGN_Ferritin (536) (1142SI)

FIG. 8A



995SI

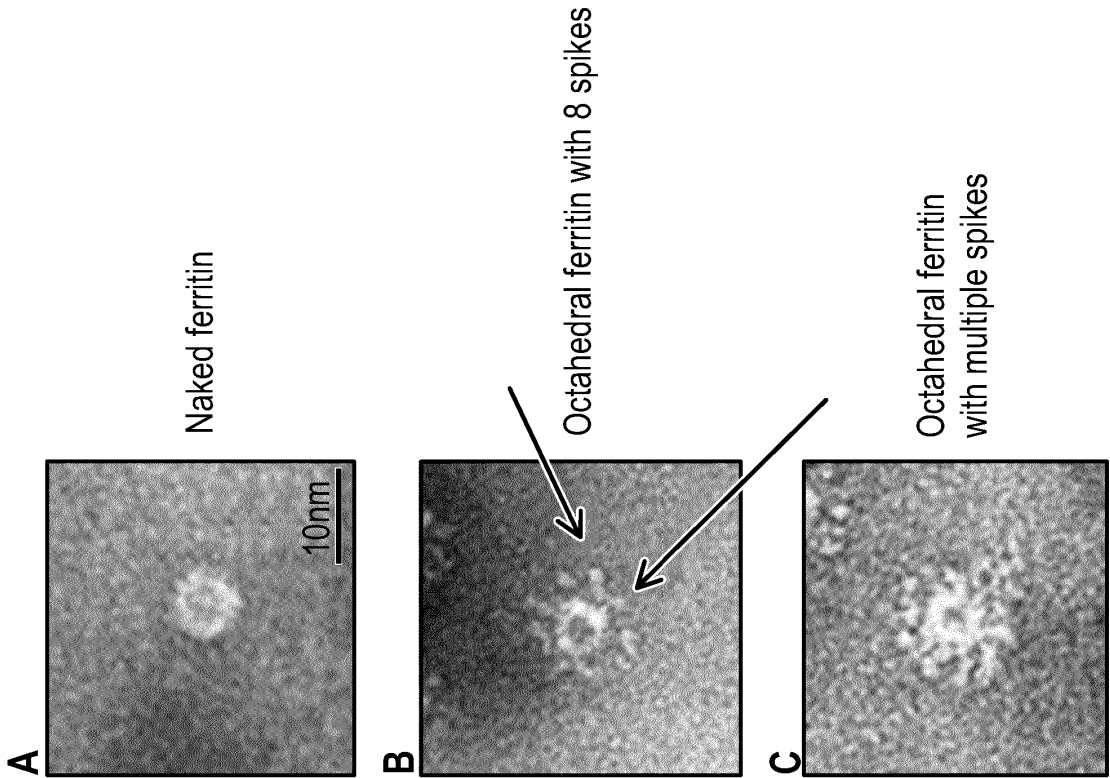
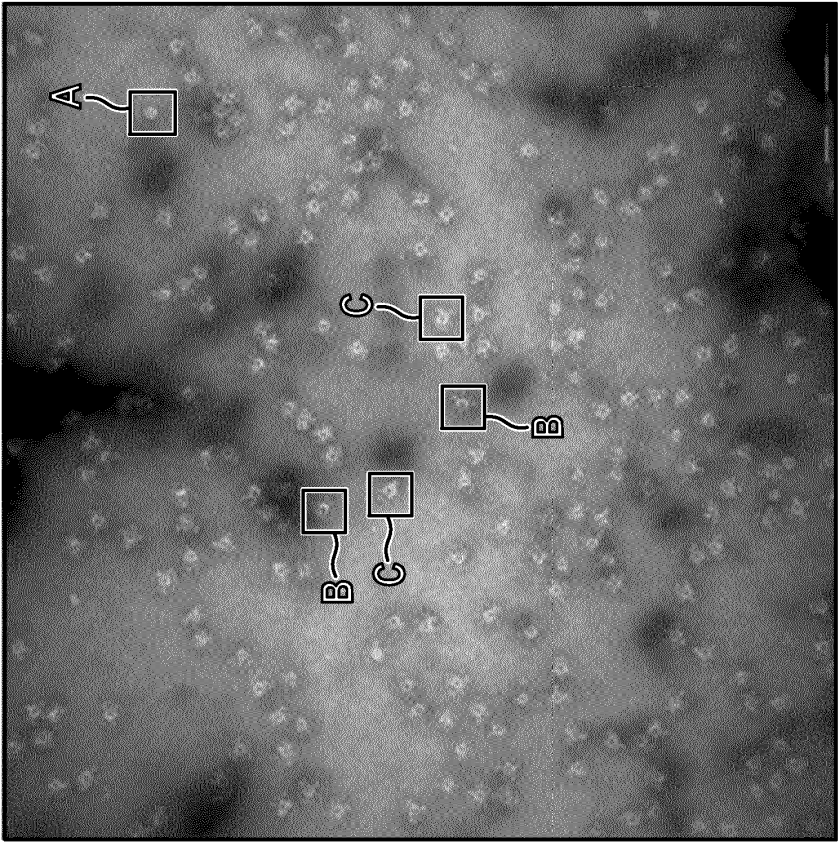
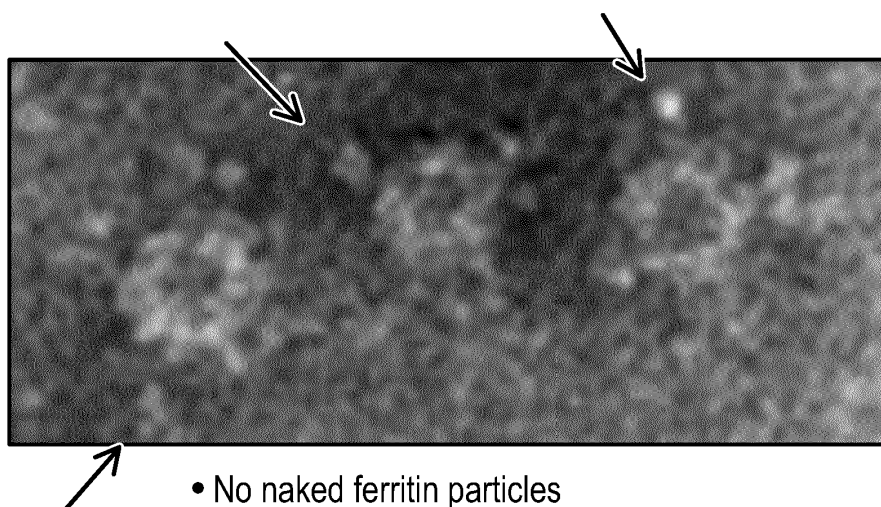
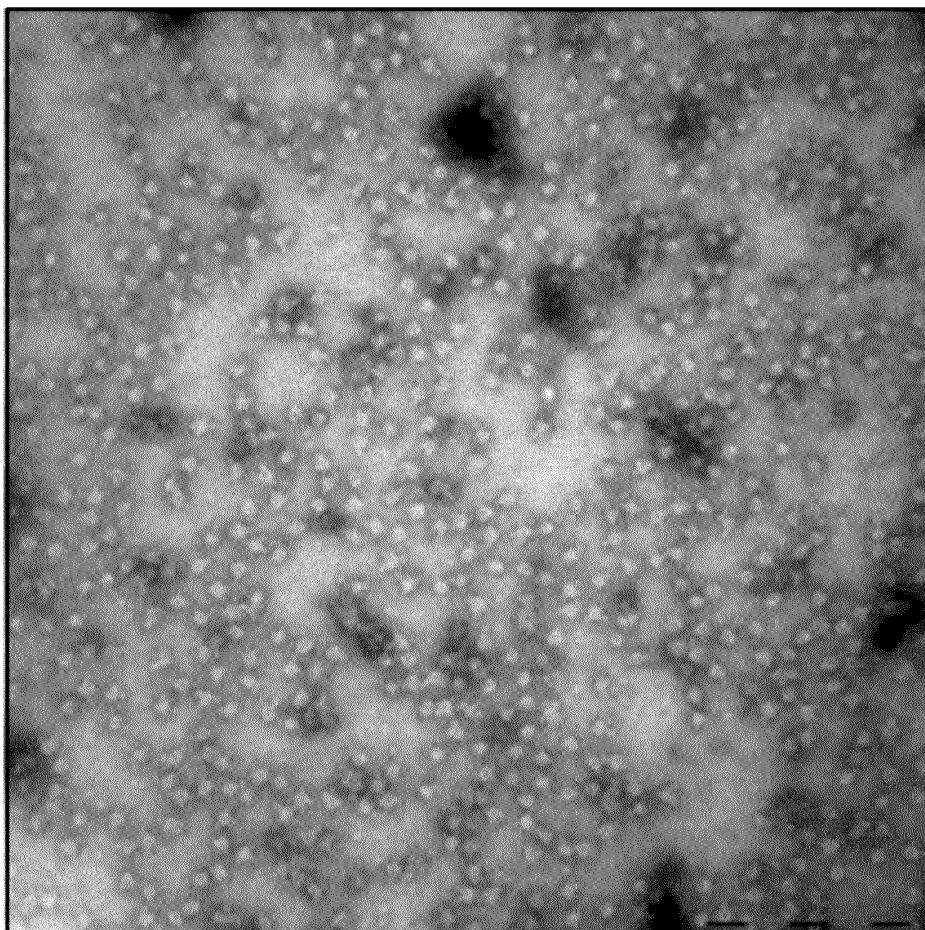


FIG. 8B



- Naked ferritin particles have a diameter of 13nm
- Spiky ferritin have a diameter of 30-32nm

FIG. 8C
1142SI



- No naked ferritin particles
- Presence of only correctly folded spiky ferritin particles
- Diameter of 30-32nm

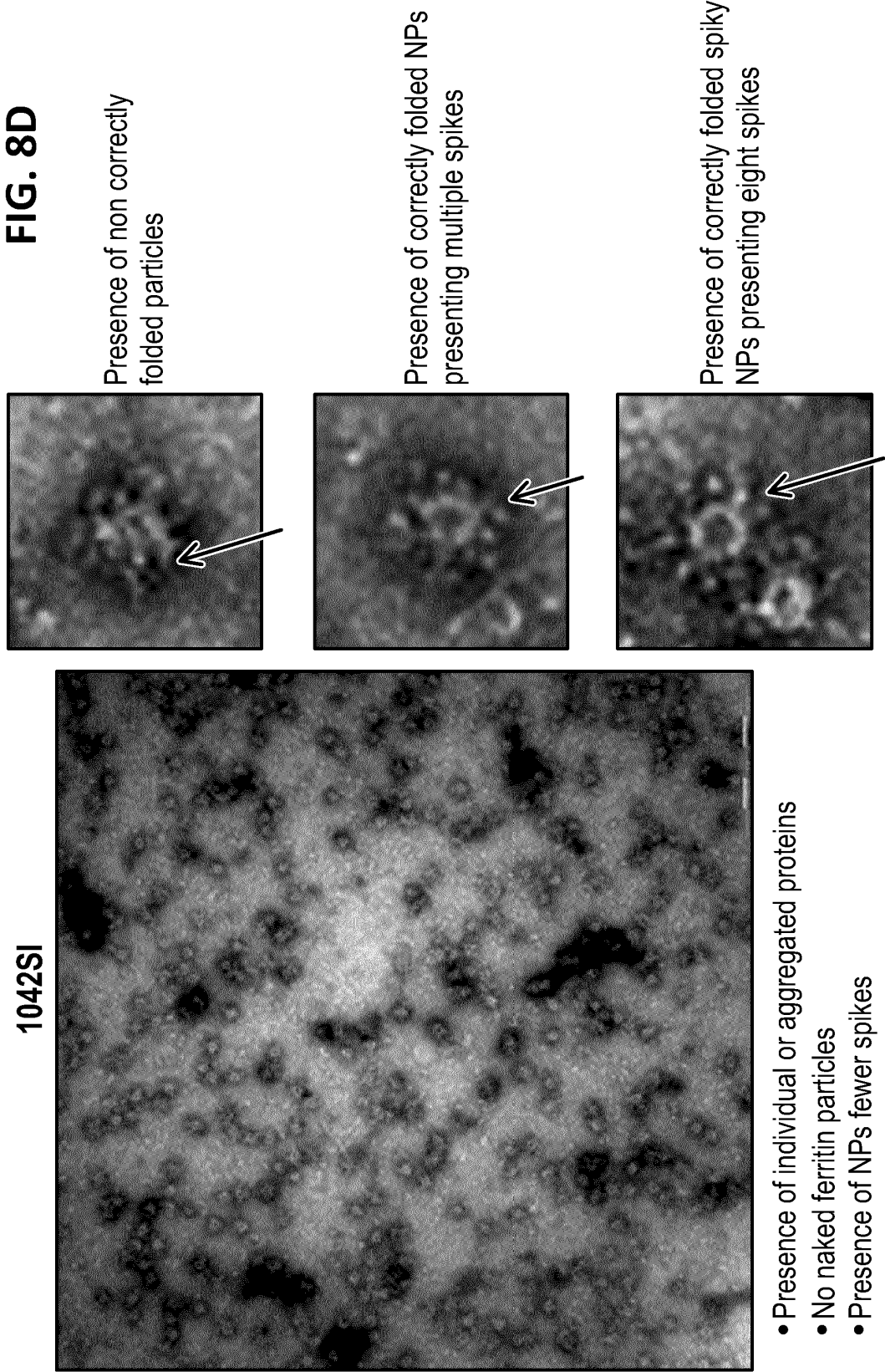


FIG. 9

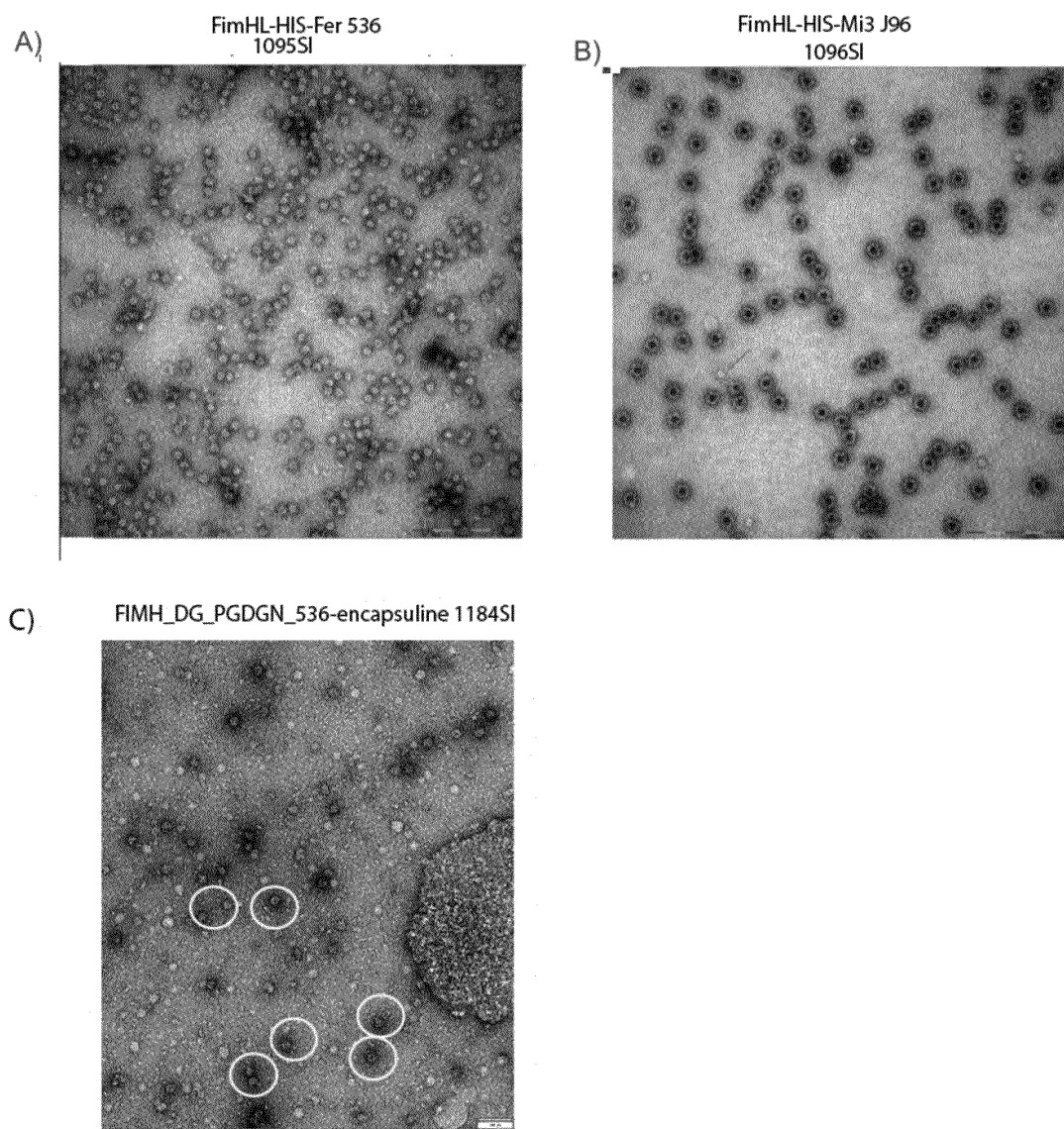


FIG. 10

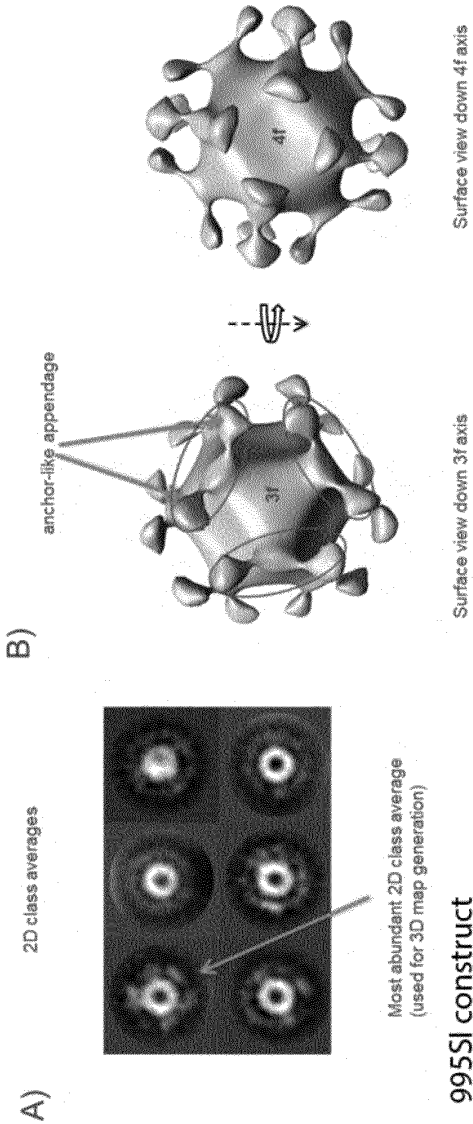


FIG. 11

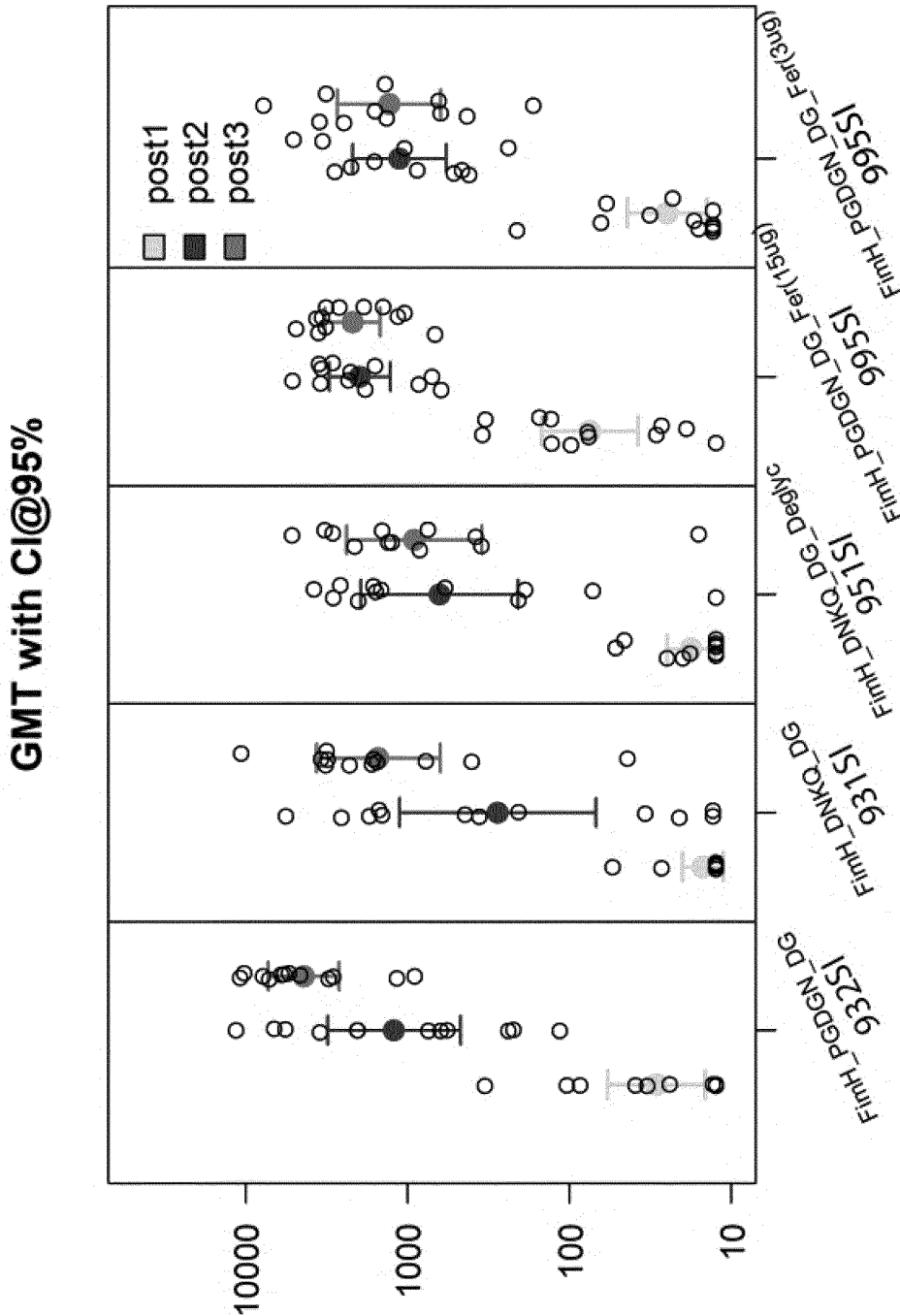


FIG. 12

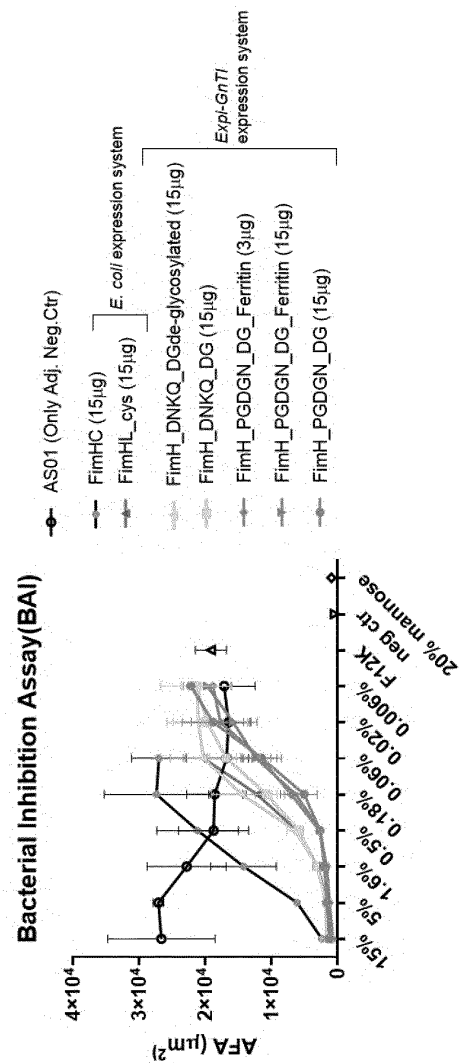
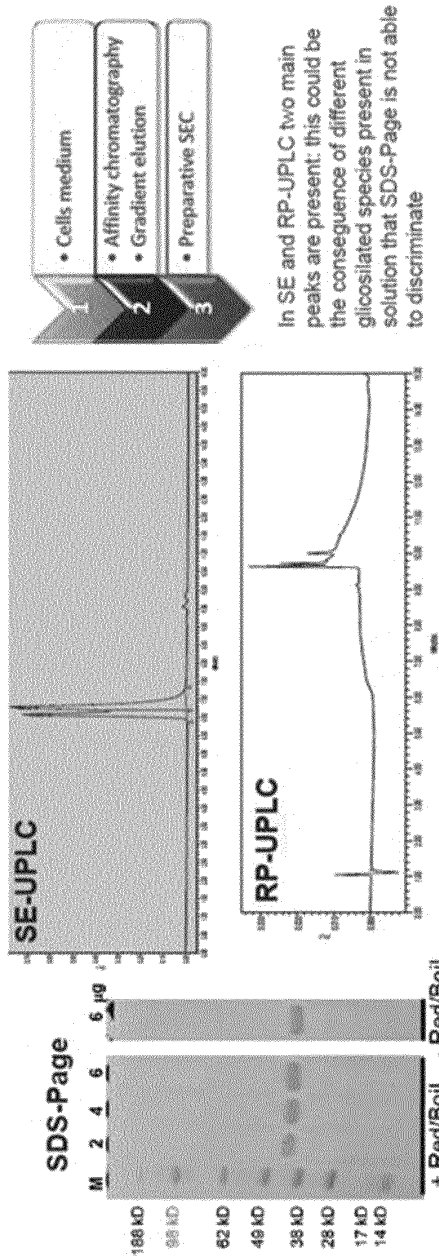


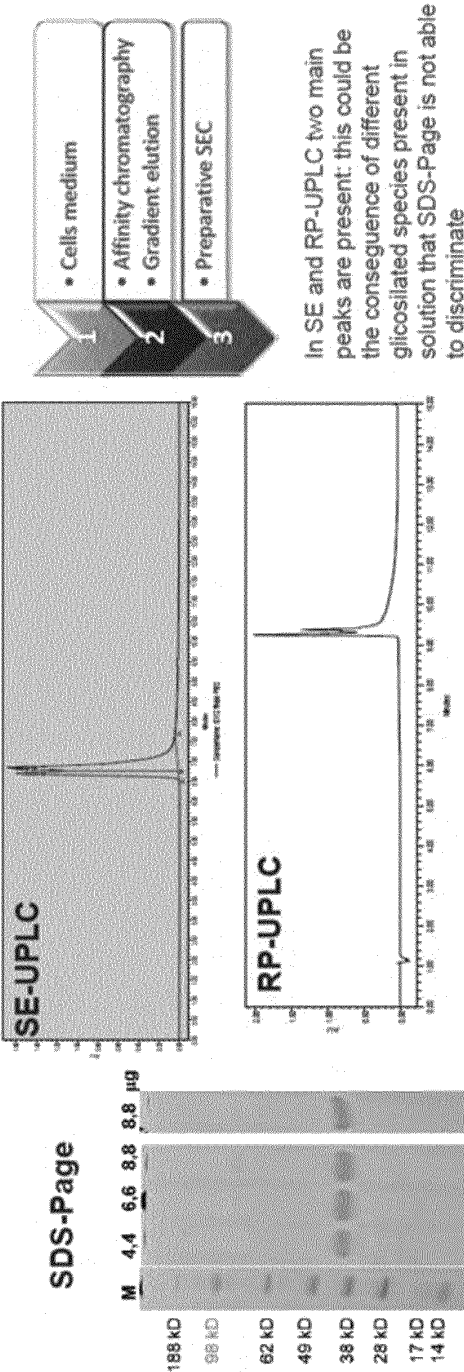
FIG. 13



932SSI

Sample
FimH_PGDN_DG

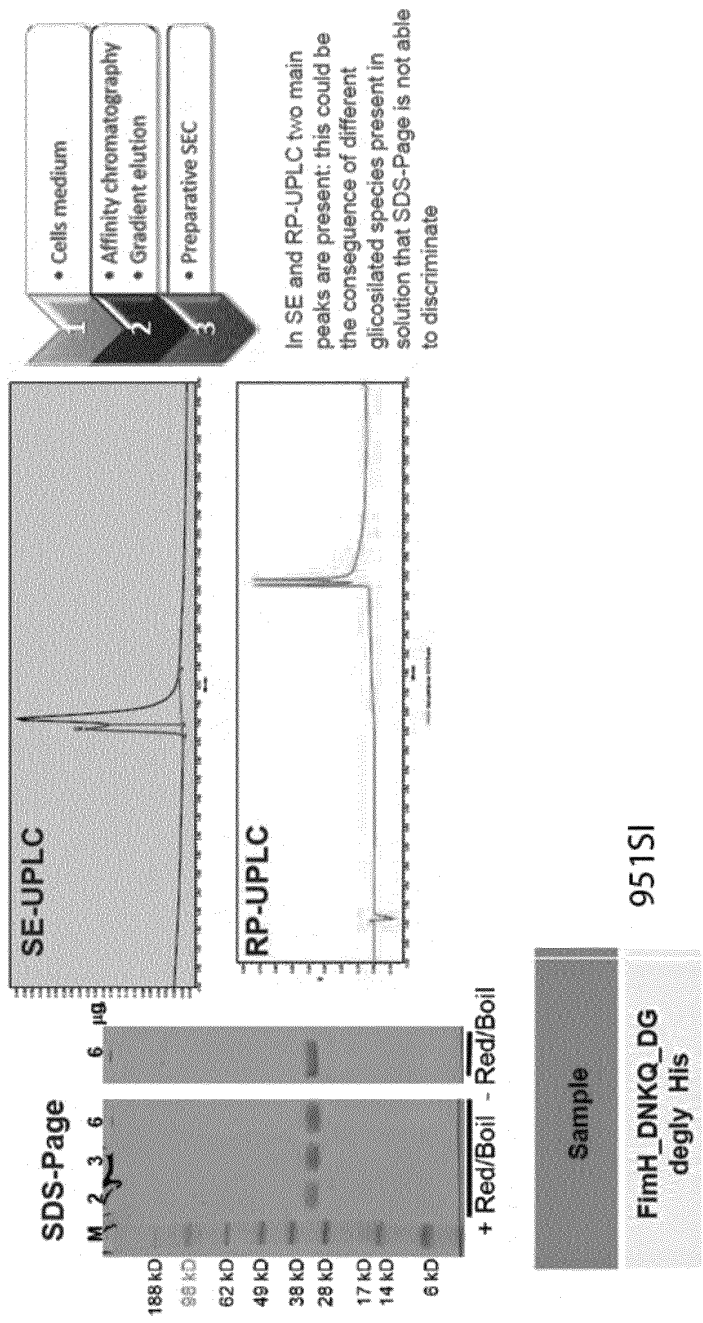
FIG. 14



931SI

Sample
FimH_DNKQ_DG His

FIG. 15



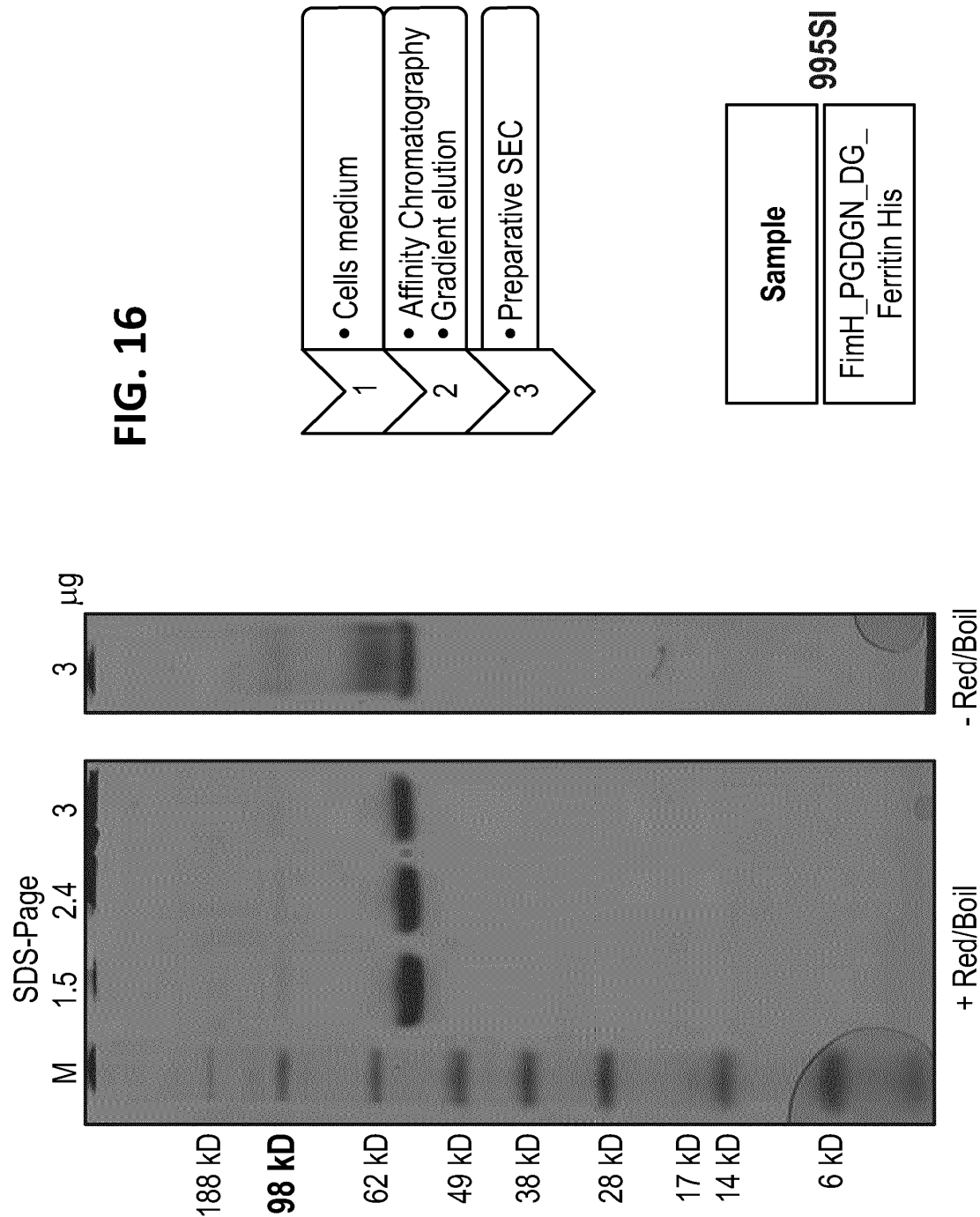


FIG. 16(contd)

SE-HPLC

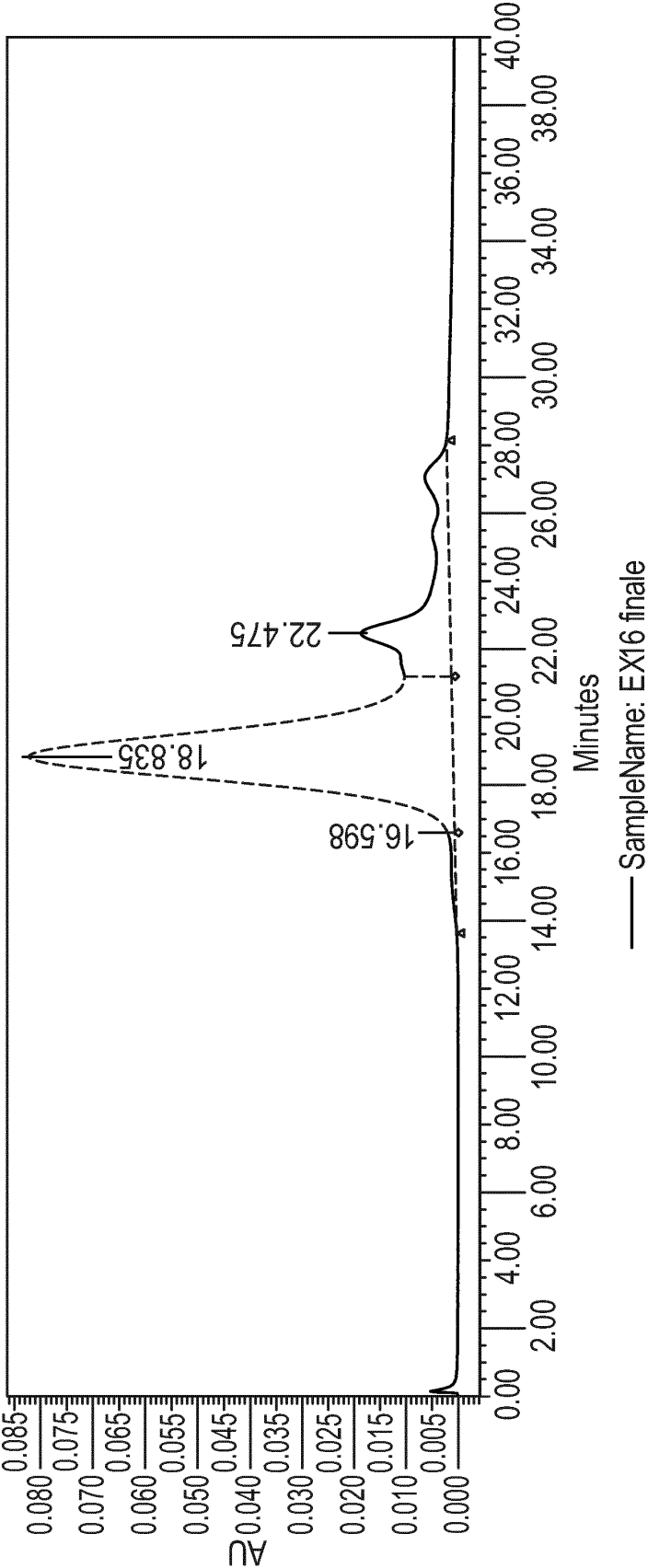


FIG. 16(contd)
RP-UPLC

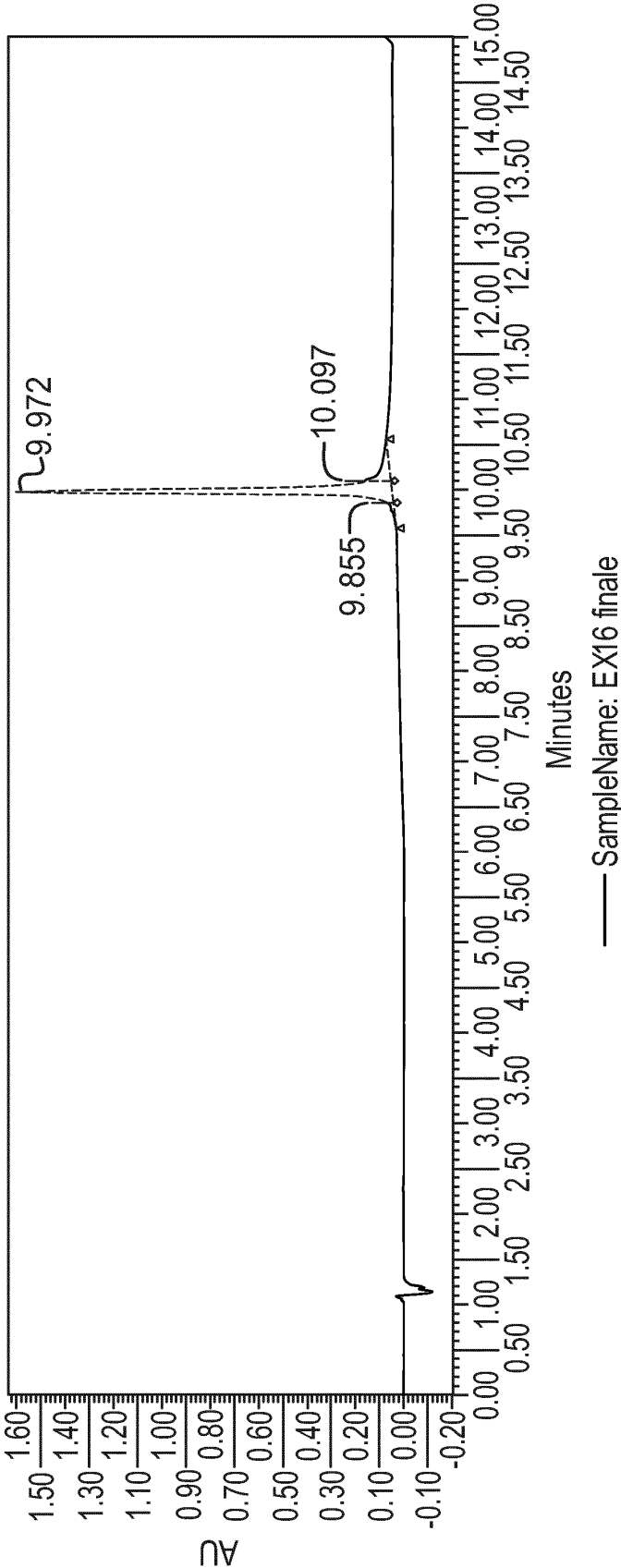
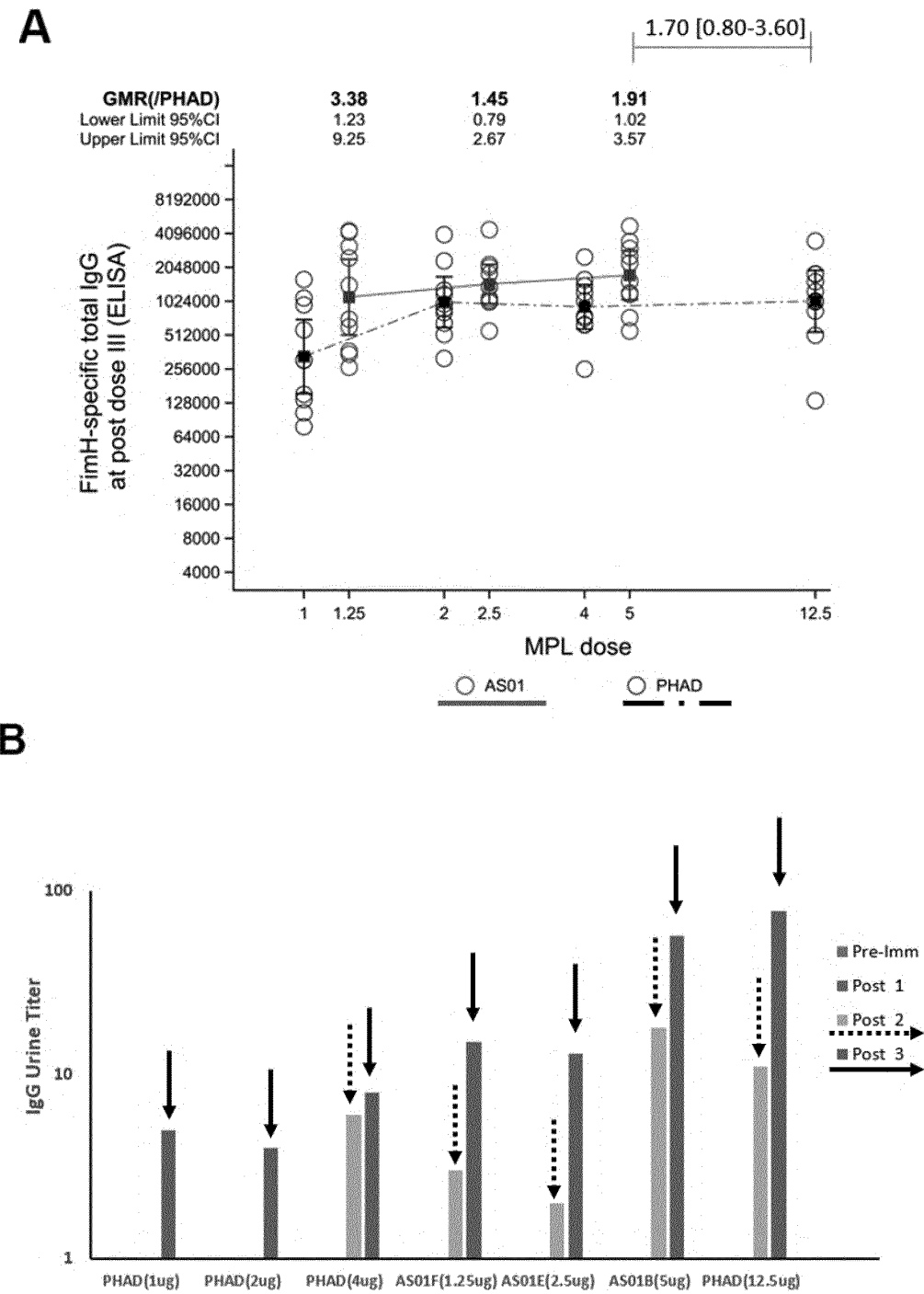


FIG. 17



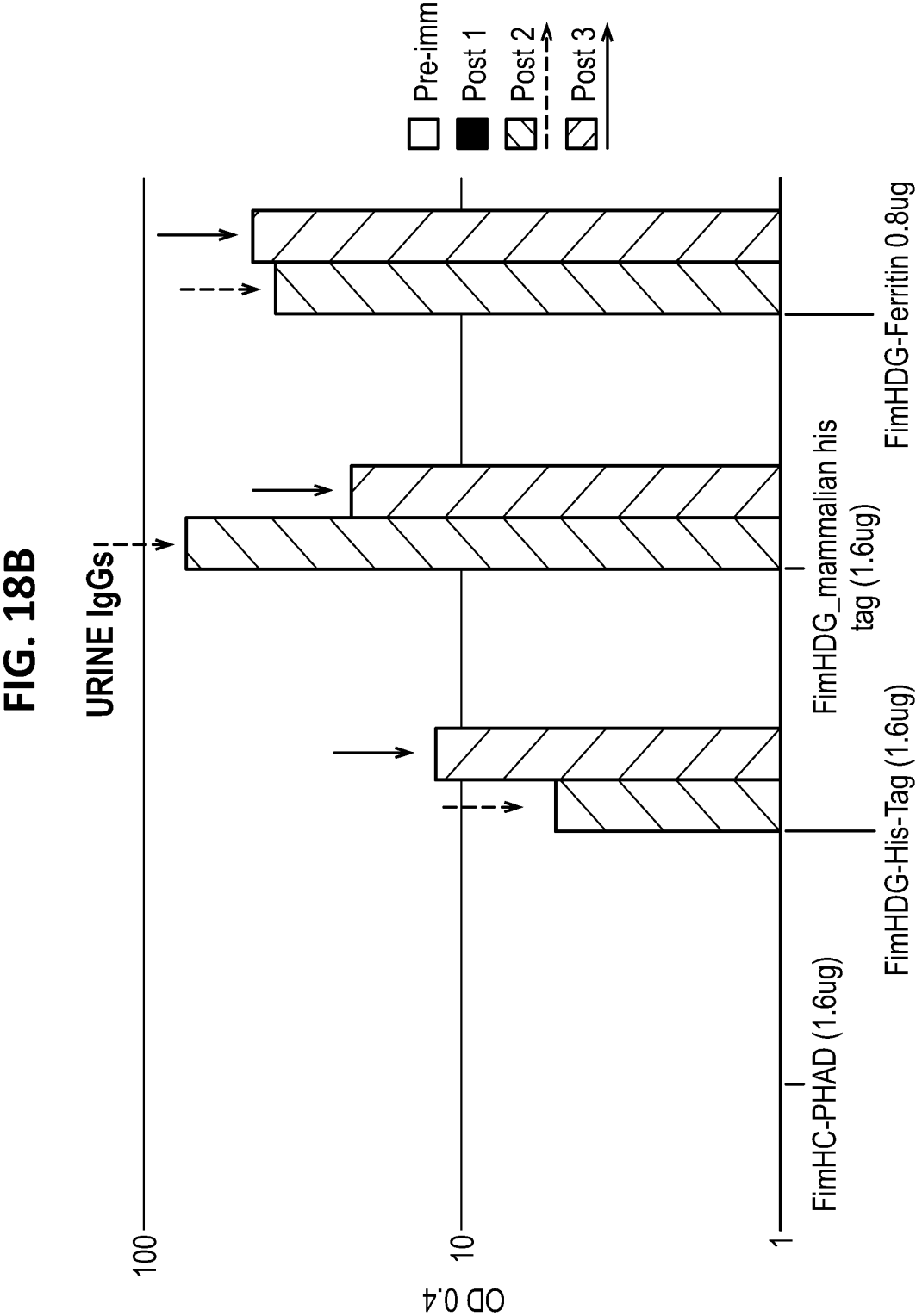


FIG. 19

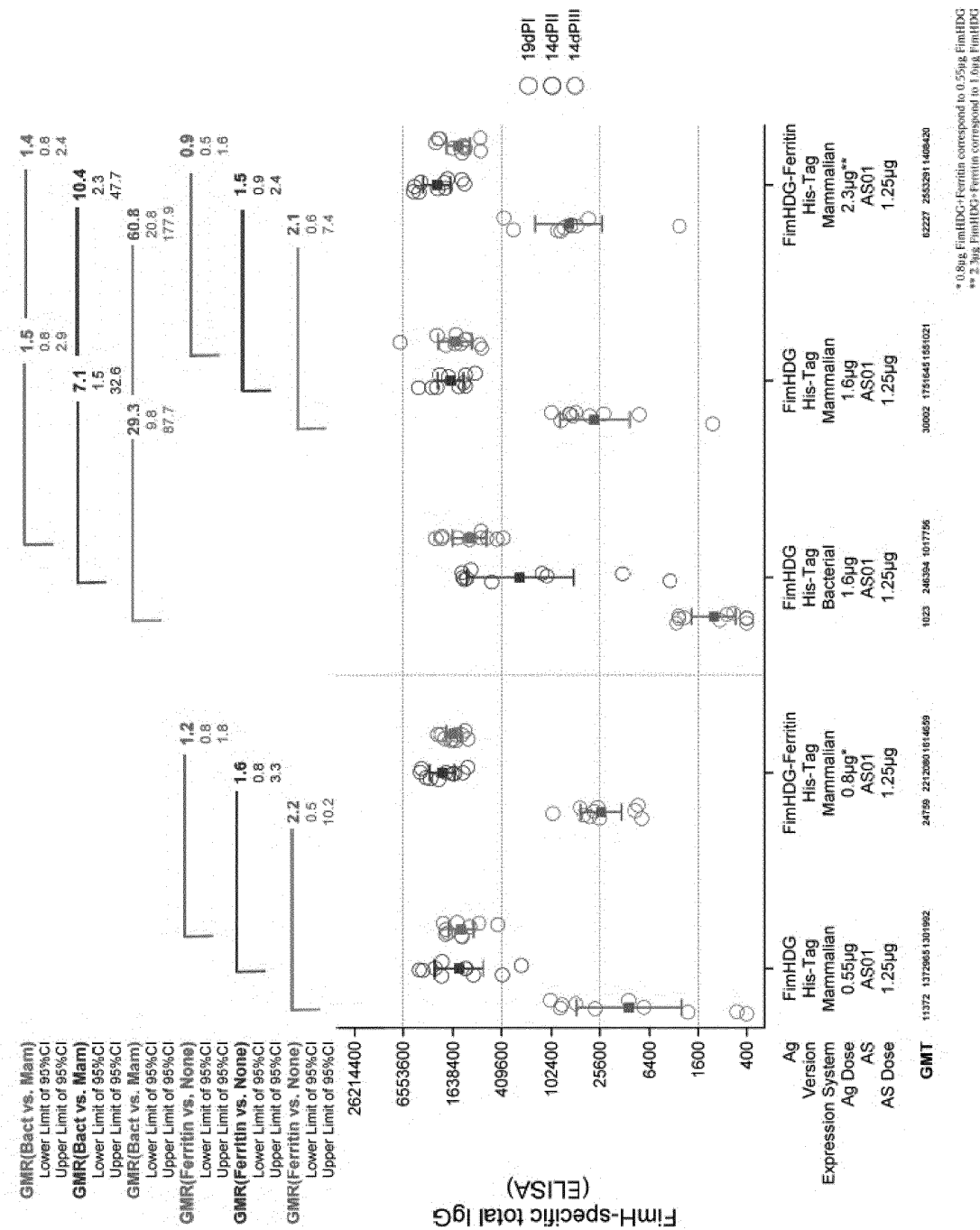


FIG. 20

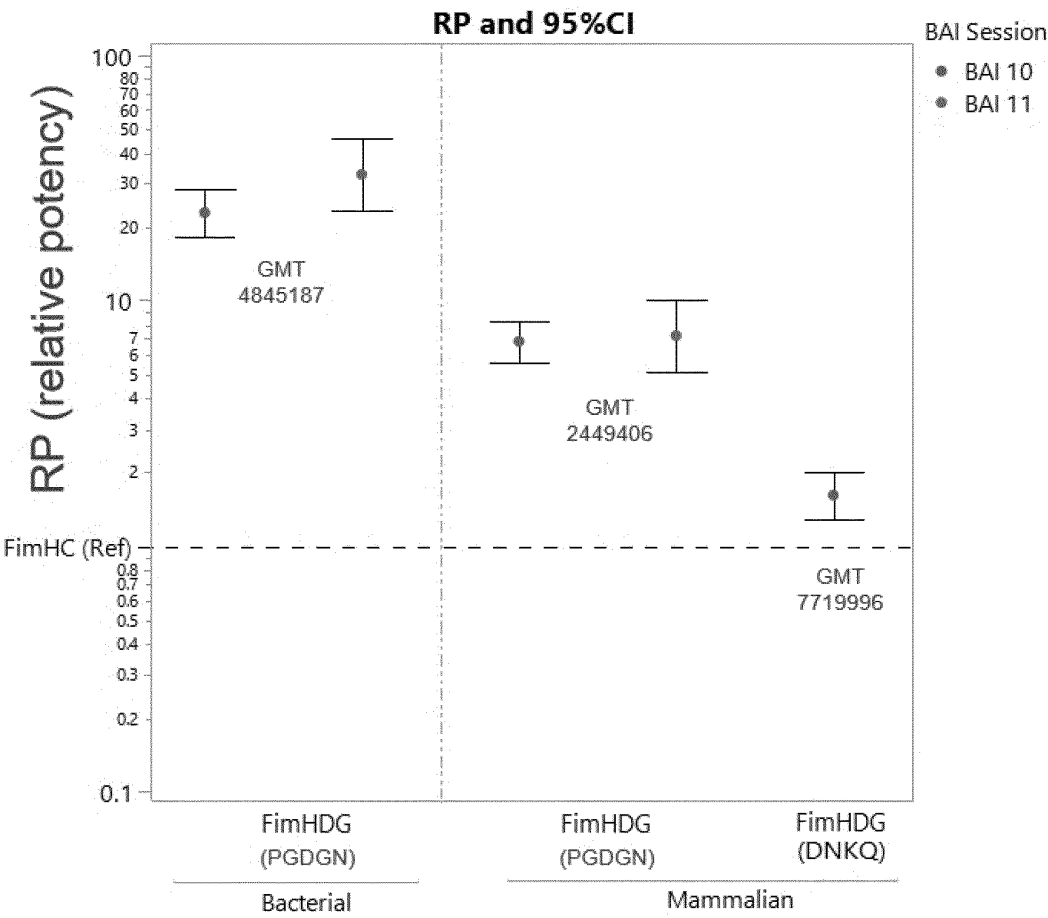


FIG. 21

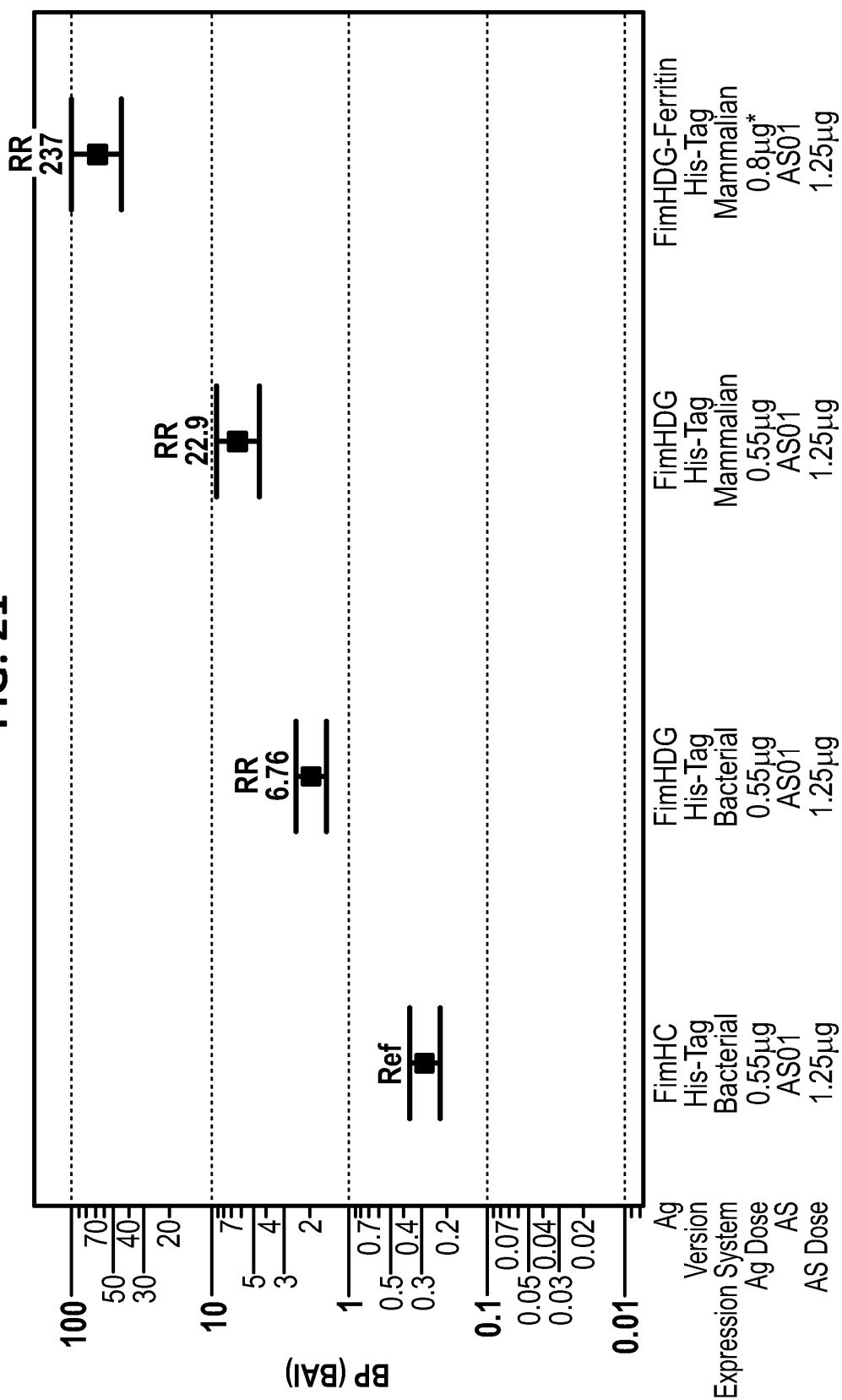
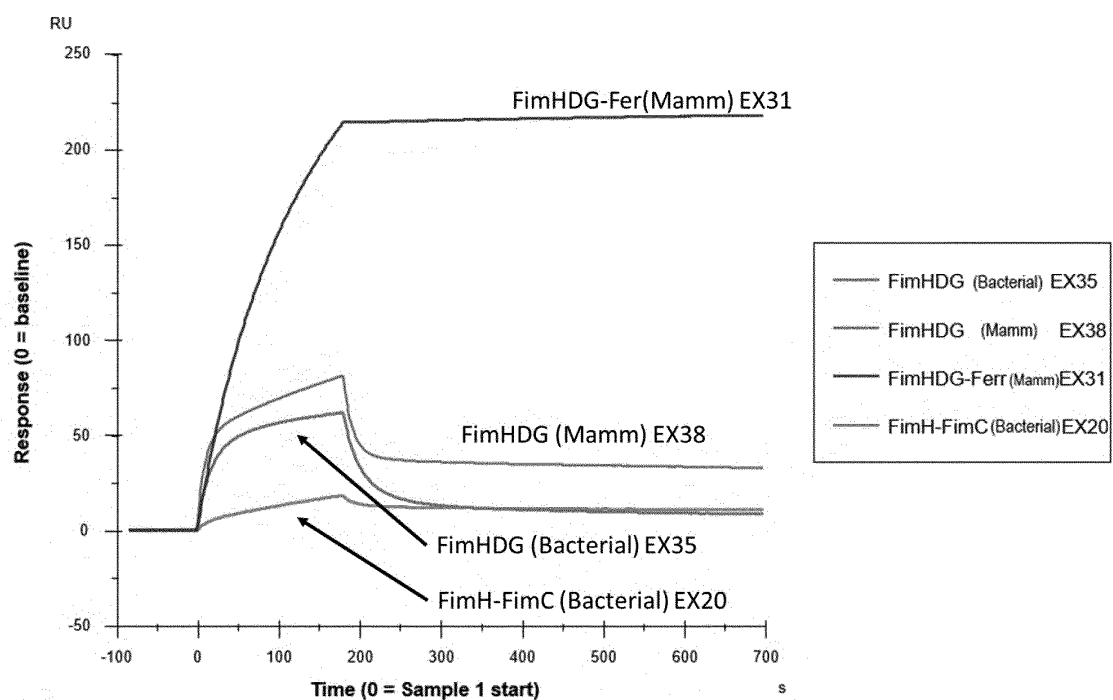


FIG. 22



Sample	mAb	Binding level [RU]_1Exp	Binding level [RU]_2Exp
<i>FimH-FimC (Bacterial) EX20</i>	VK_926	21,4	18,0
<i>FimH-DG (Bacterial) EX35</i>	VK_926	63,1	61,8
<i>FimH-DG His (Mamm.) EX38</i>	VK_926	81,8	80,3
<i>FimHDG-Fer(Mamm.) EX31</i>	VK_926	200,2	211,0

FIG. 23 A

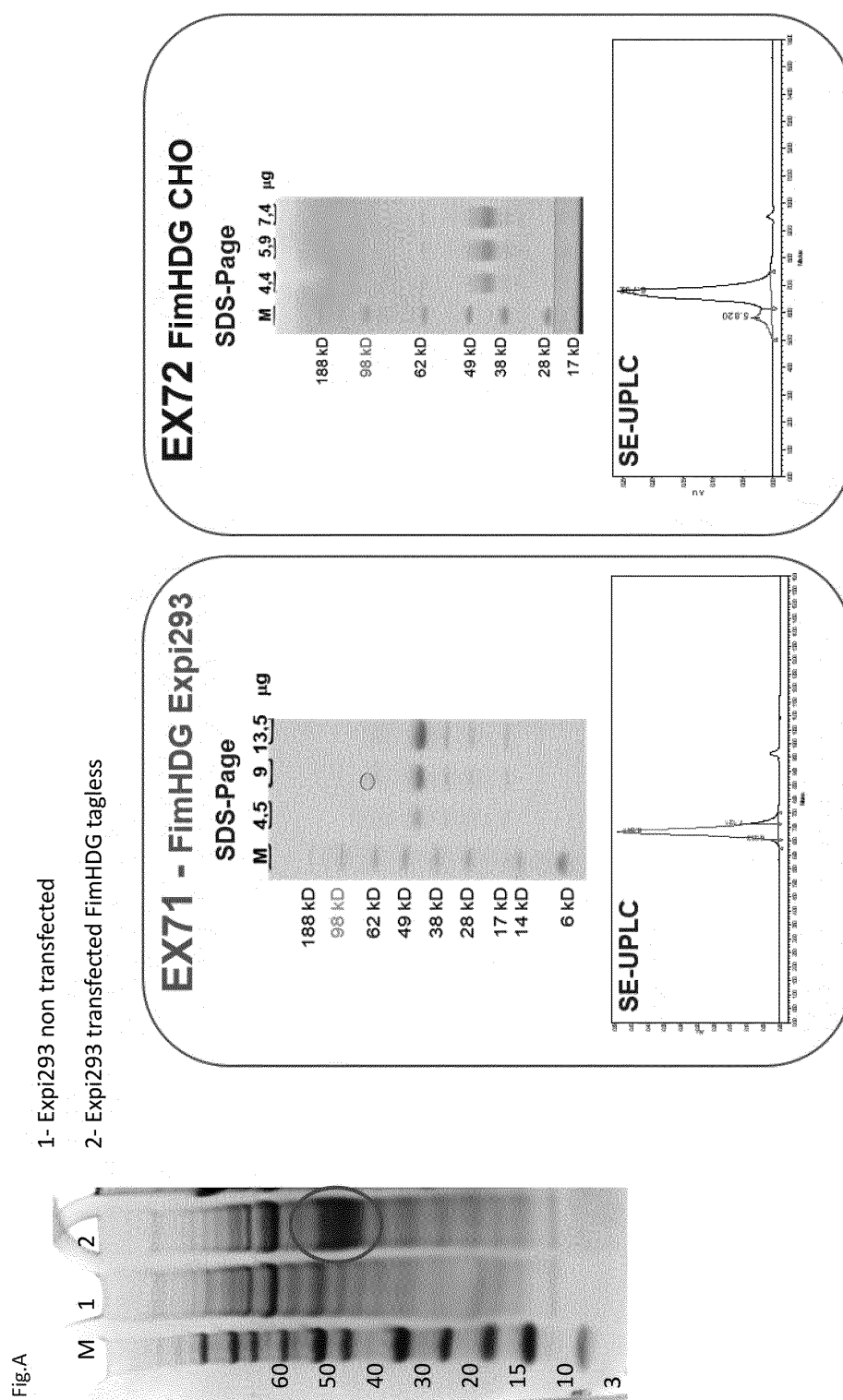
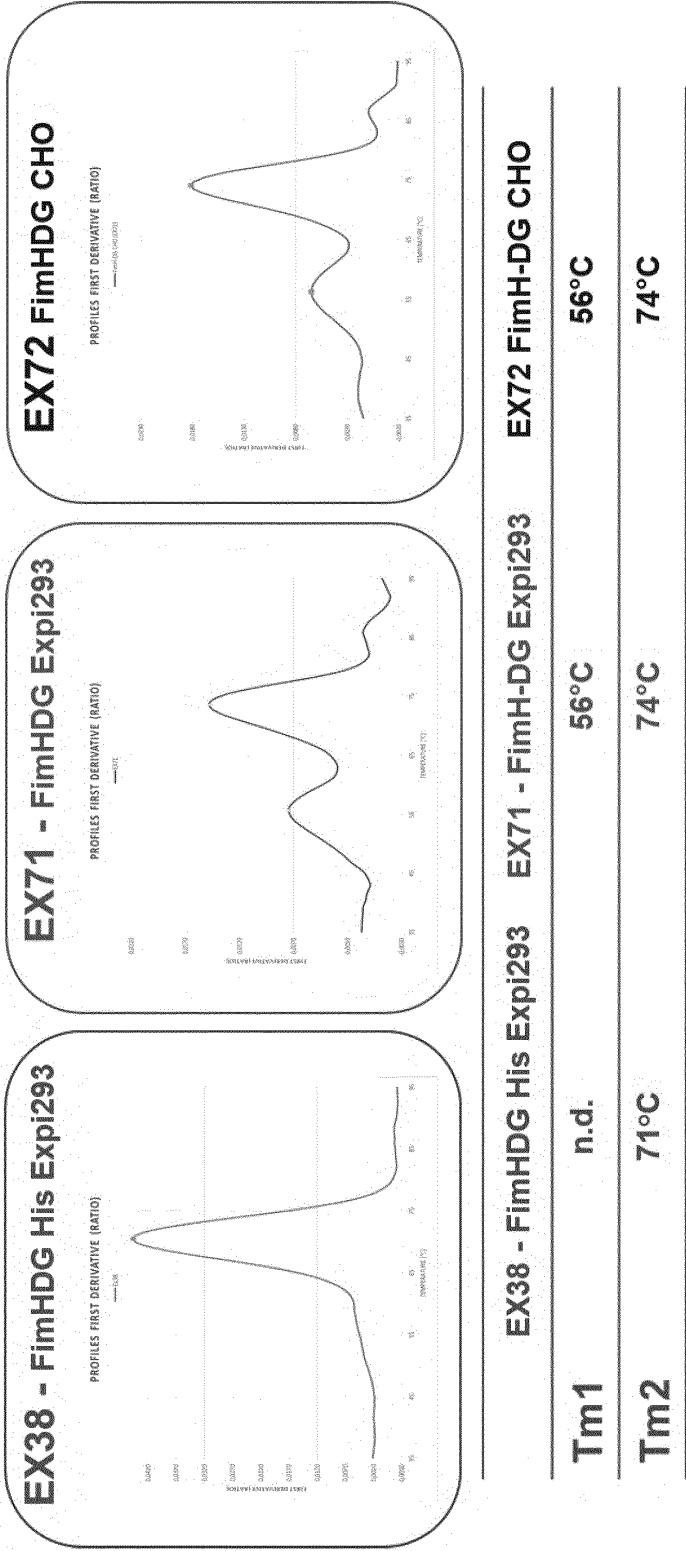
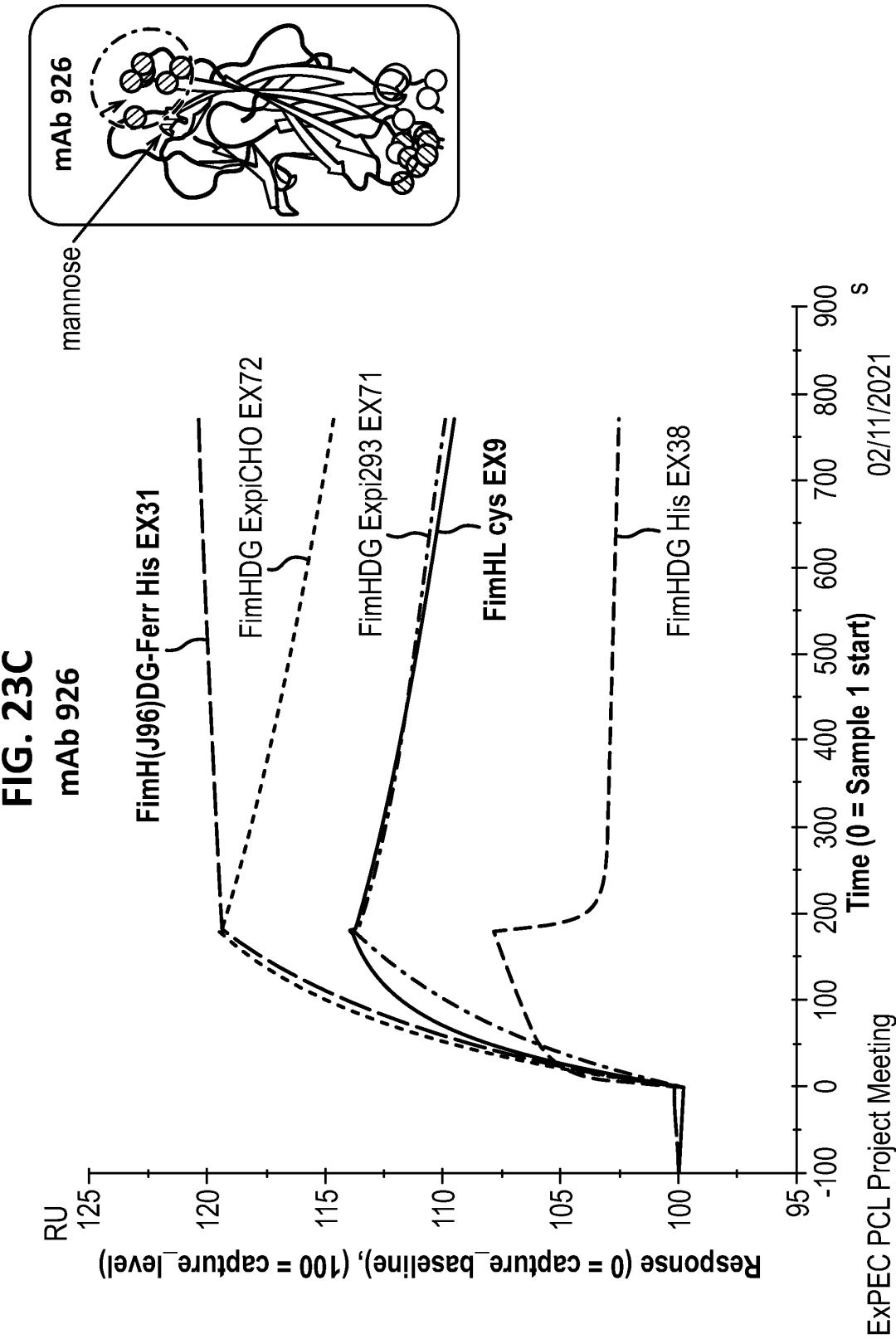
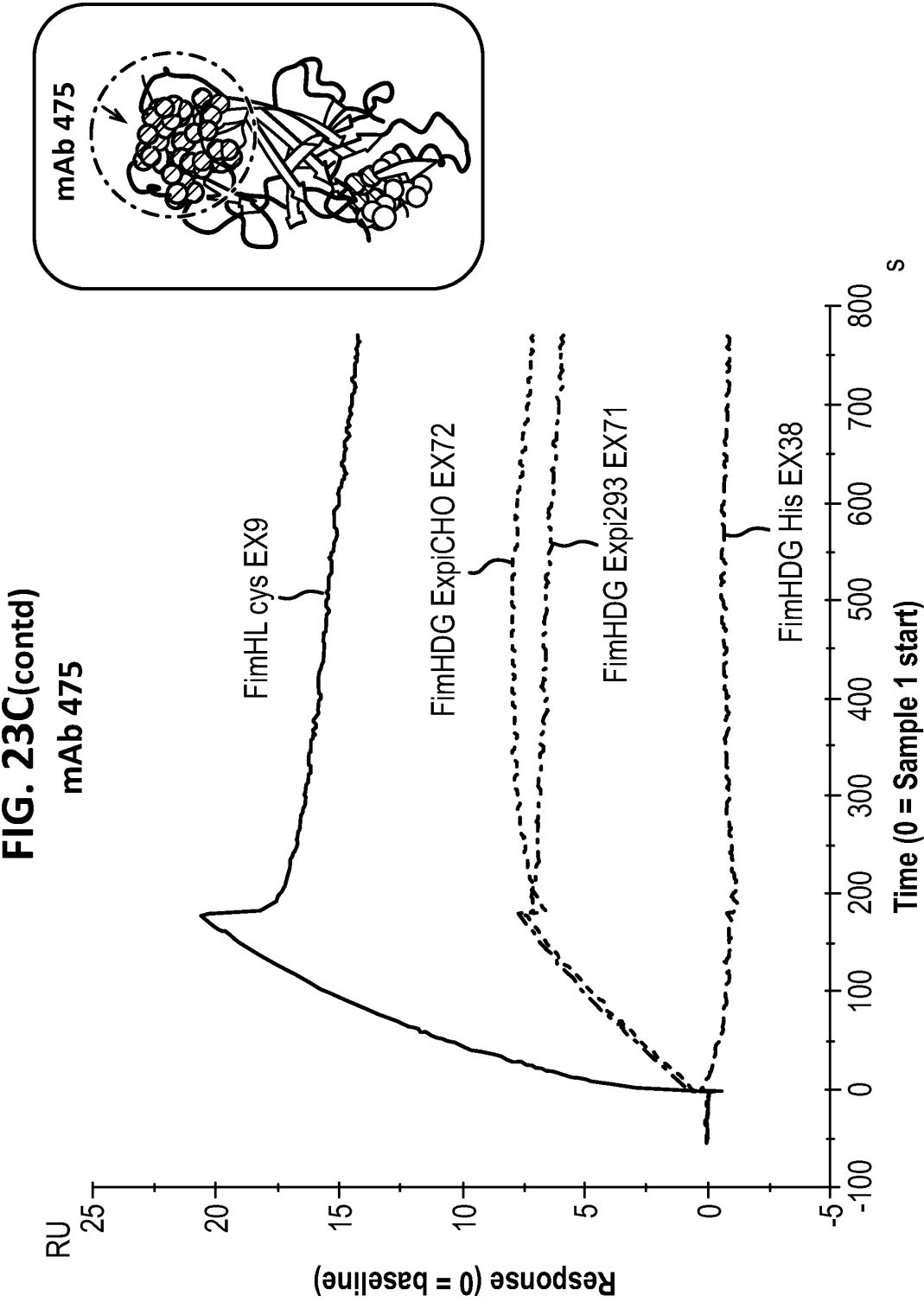


FIG. 23 B







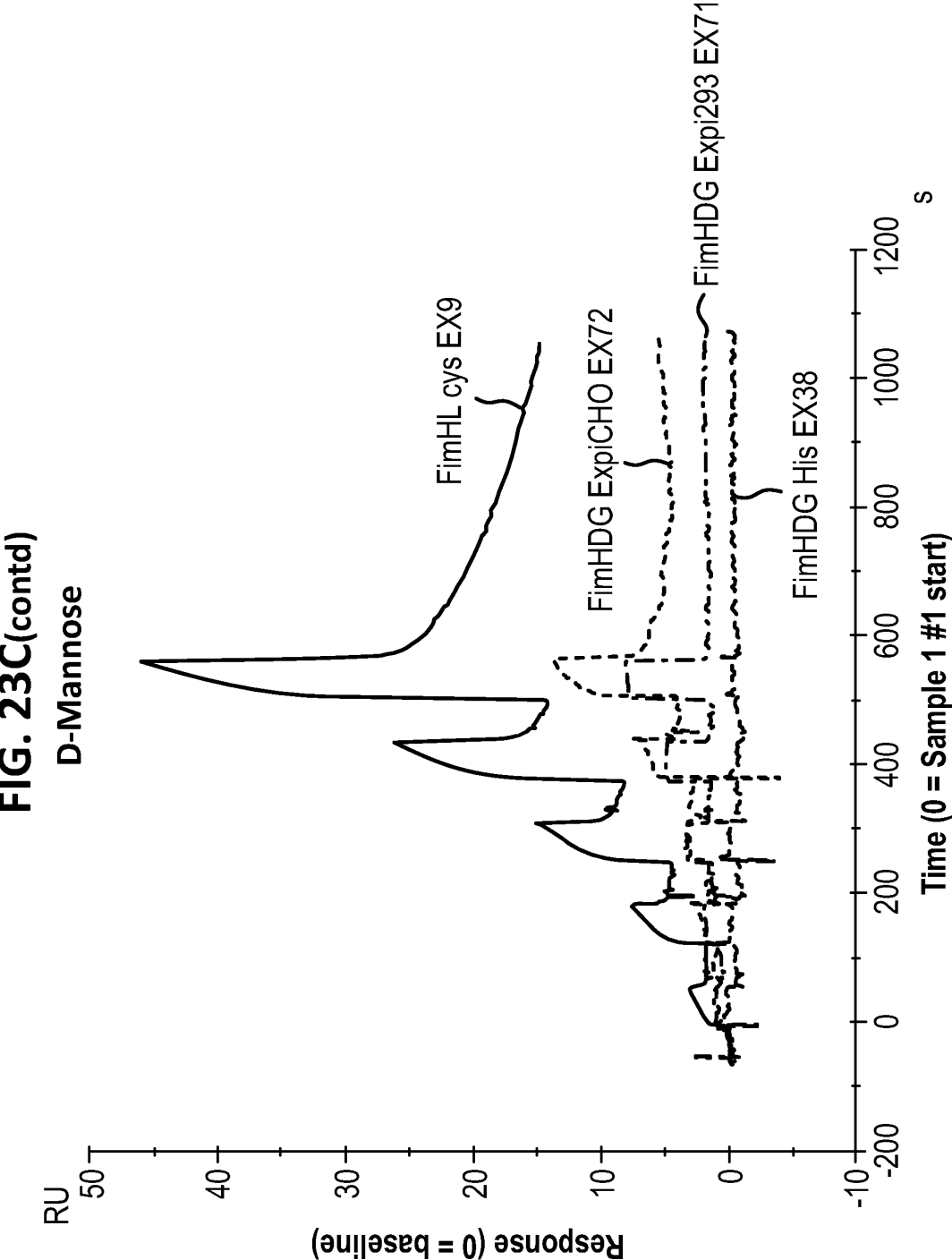


FIG. 23 D

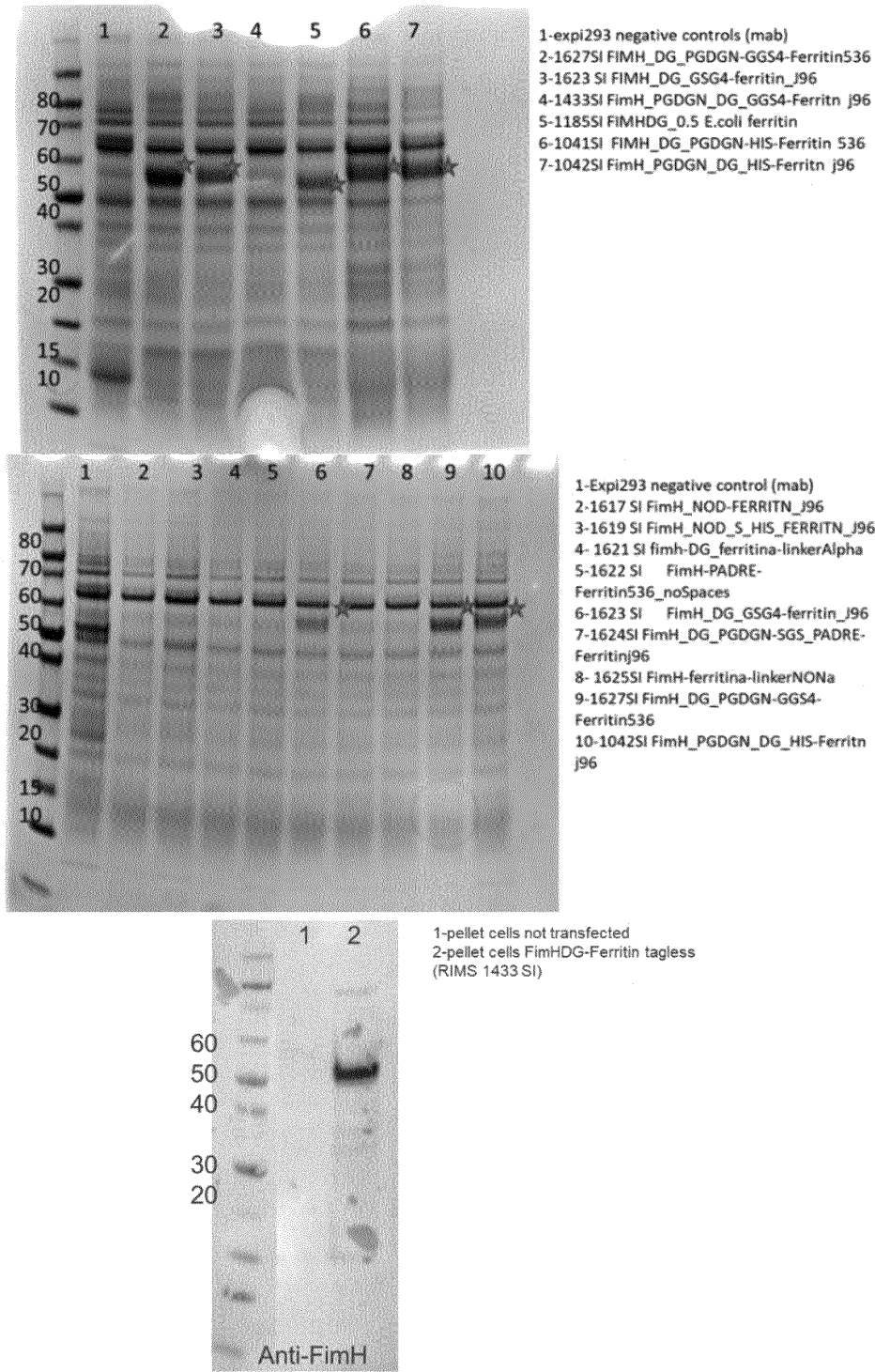


FIG. 24

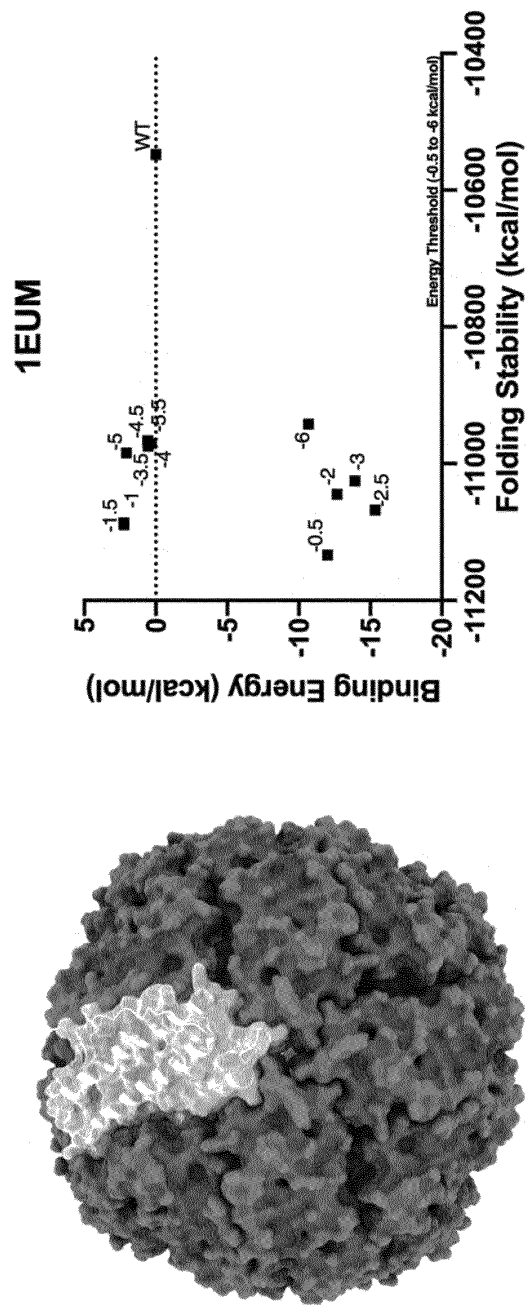
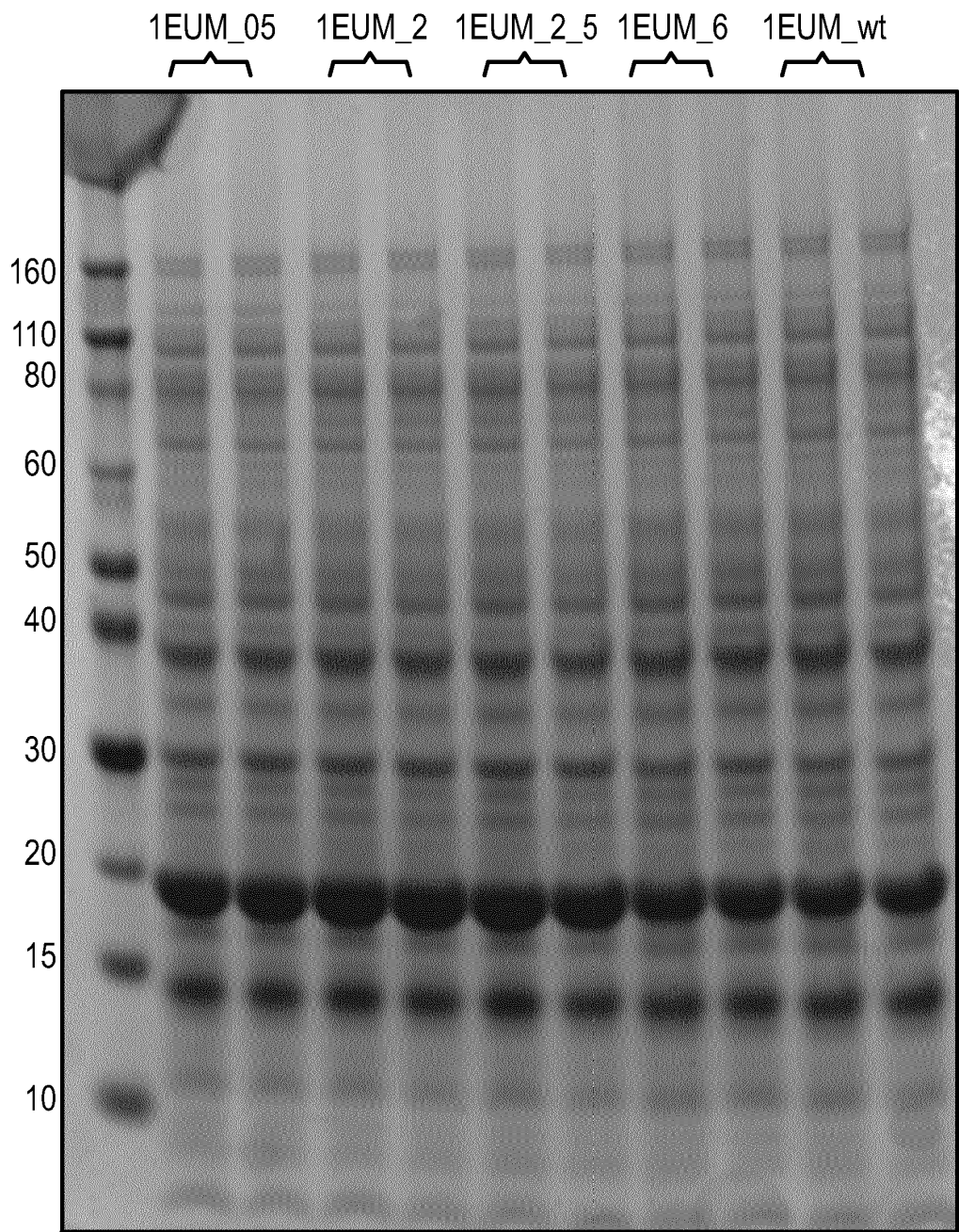


FIG. 25A



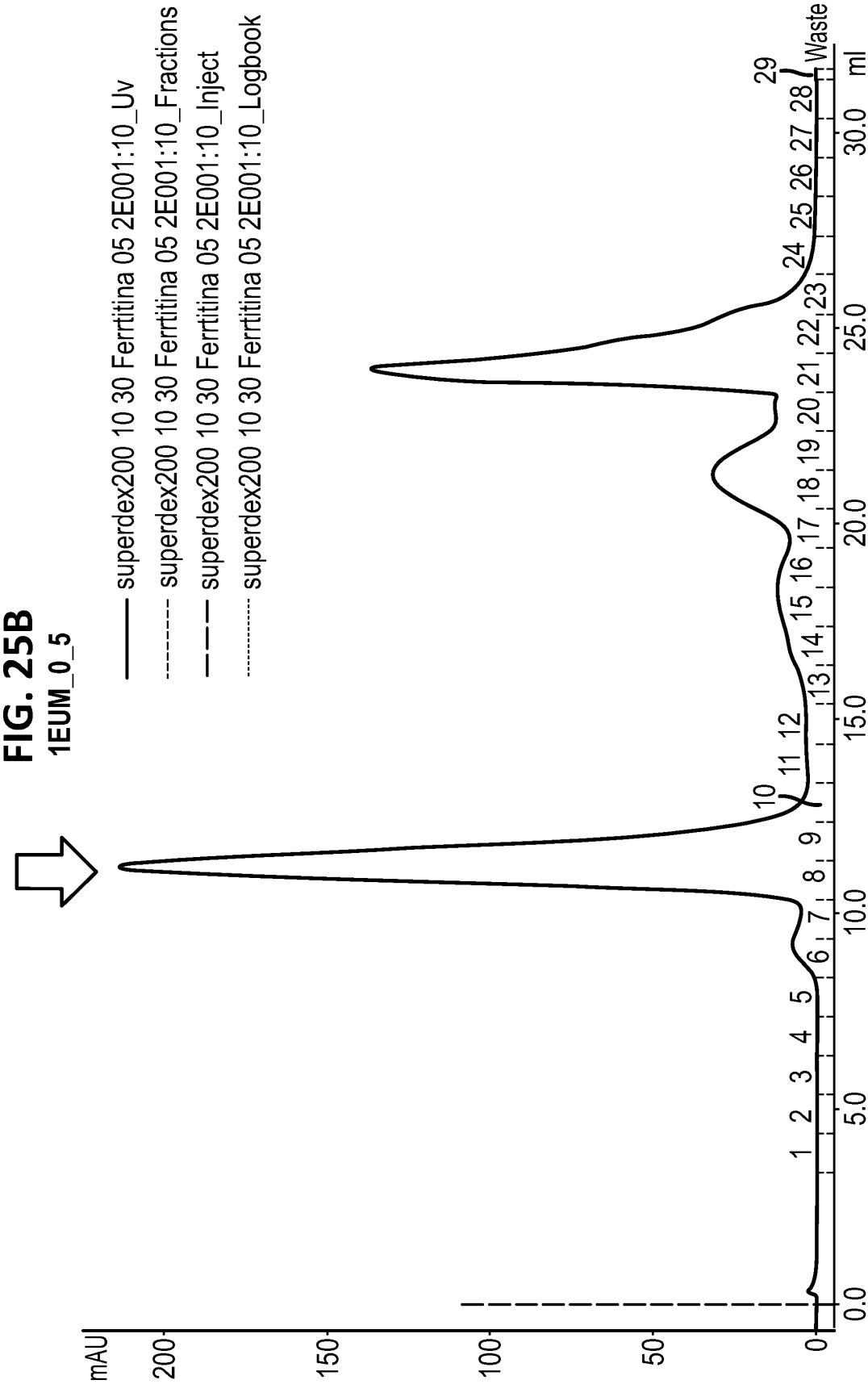
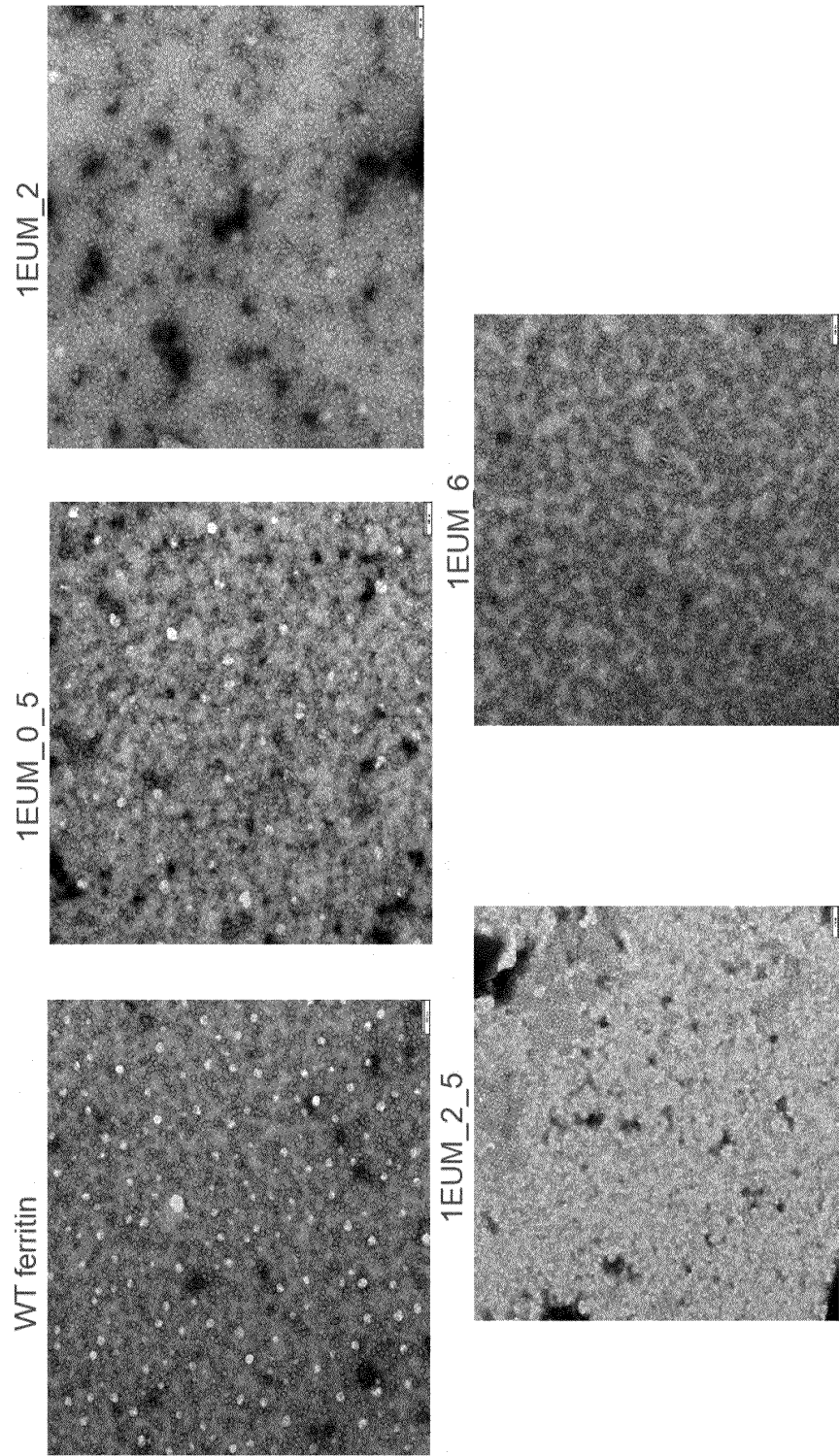


FIG. 26



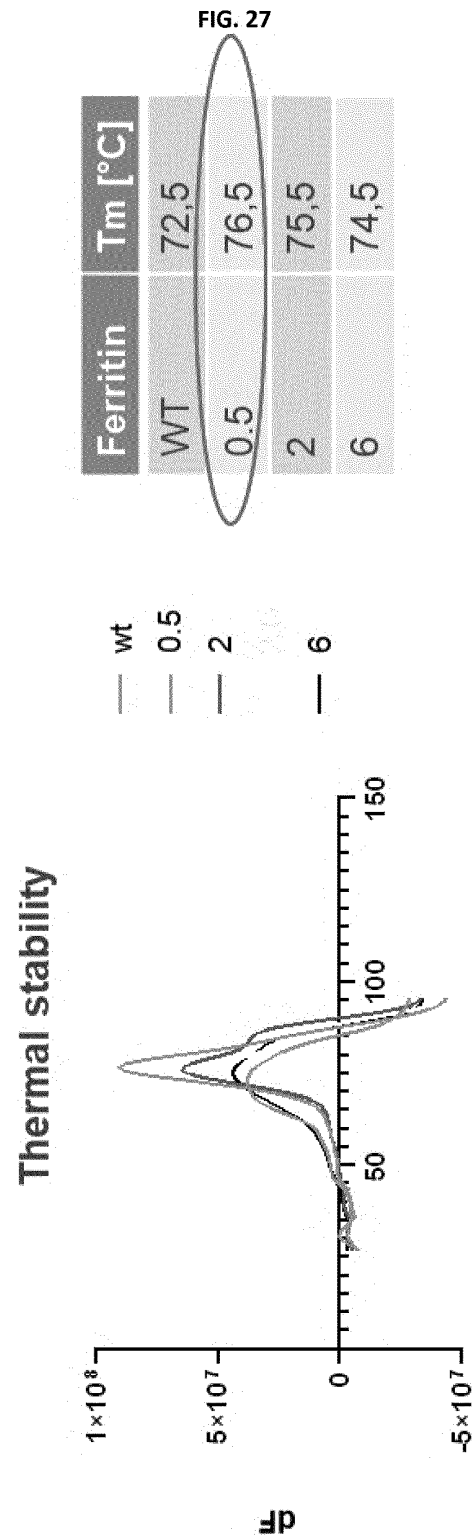


FIG. 28

