

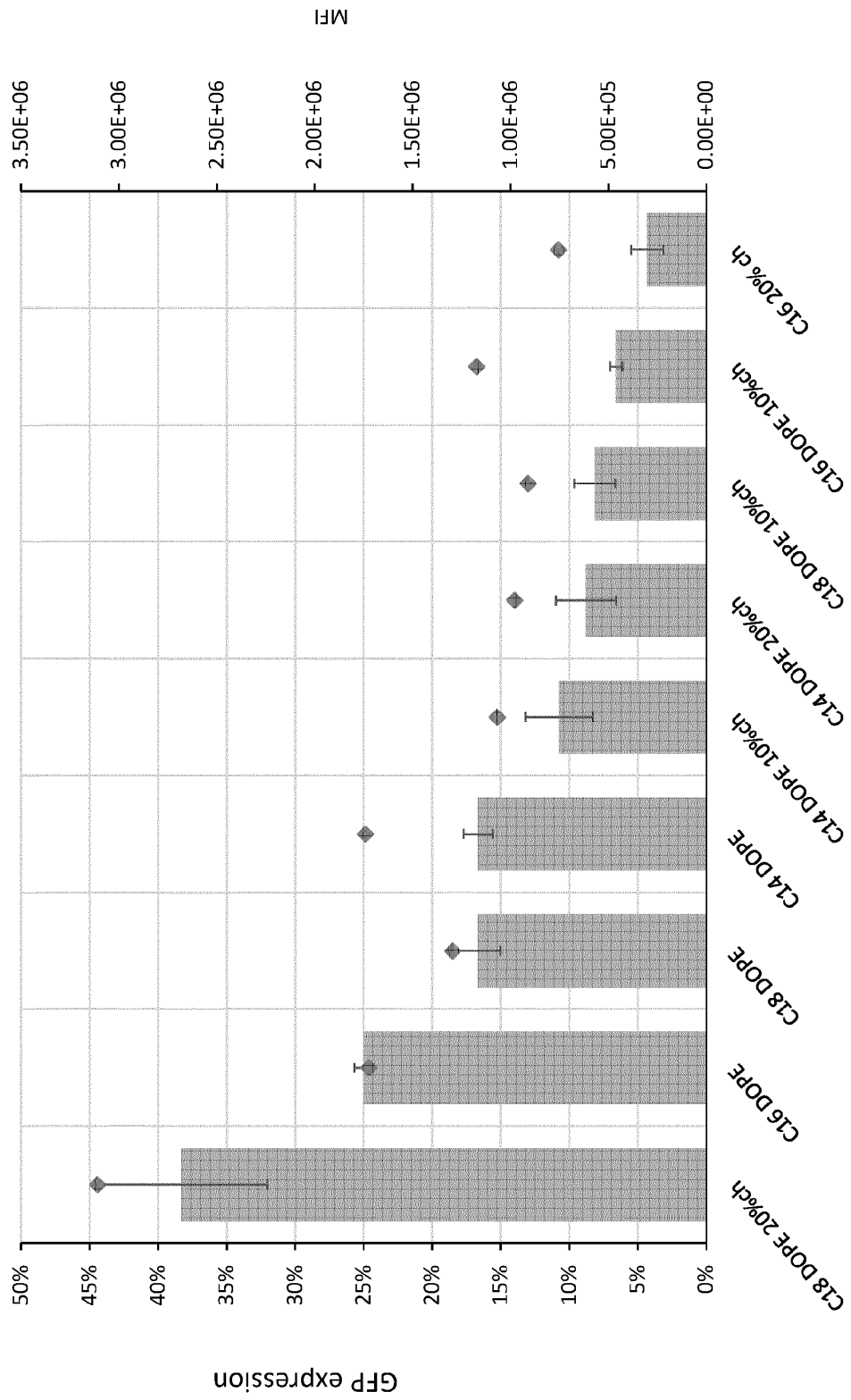


Fig. 1

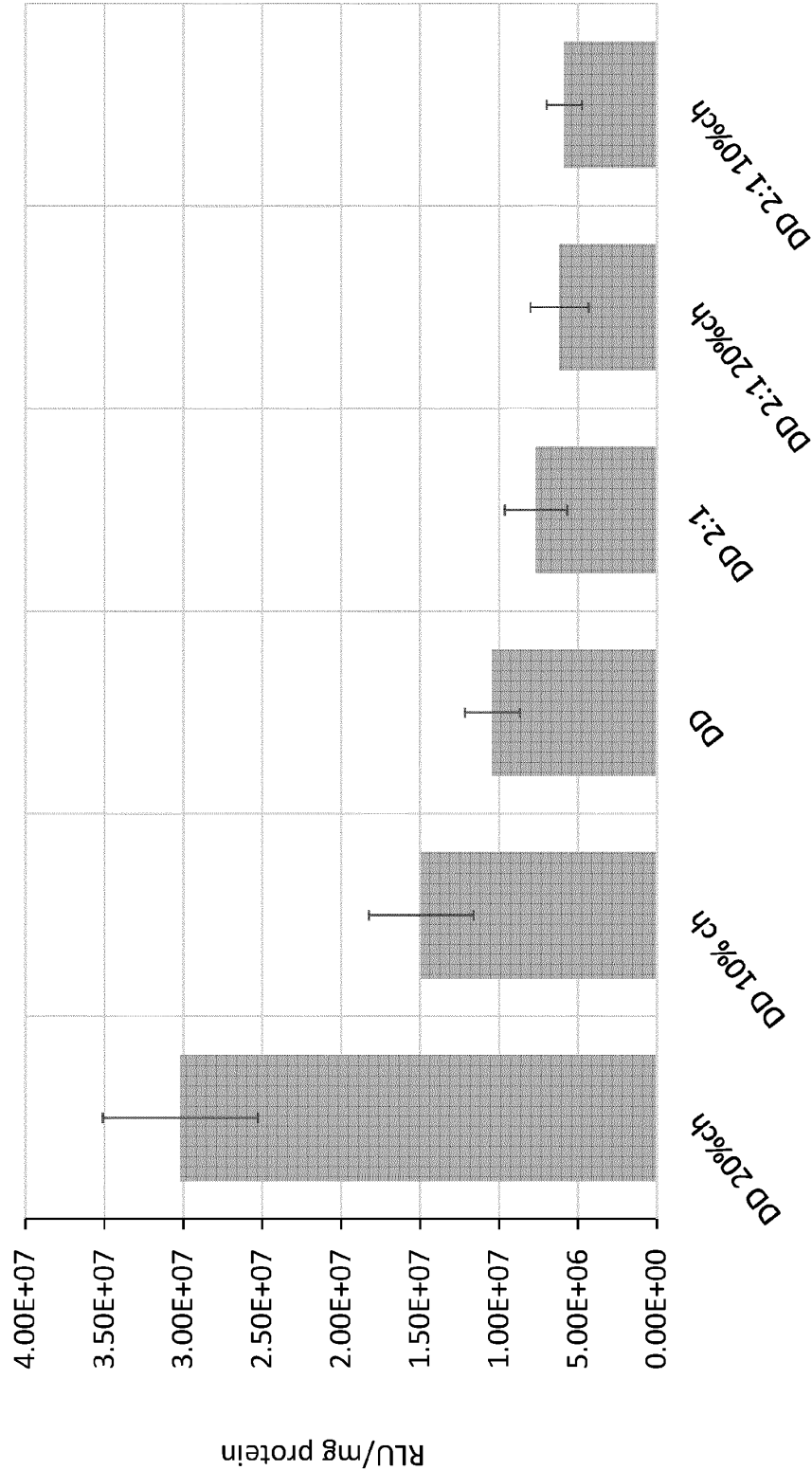


Fig. 2

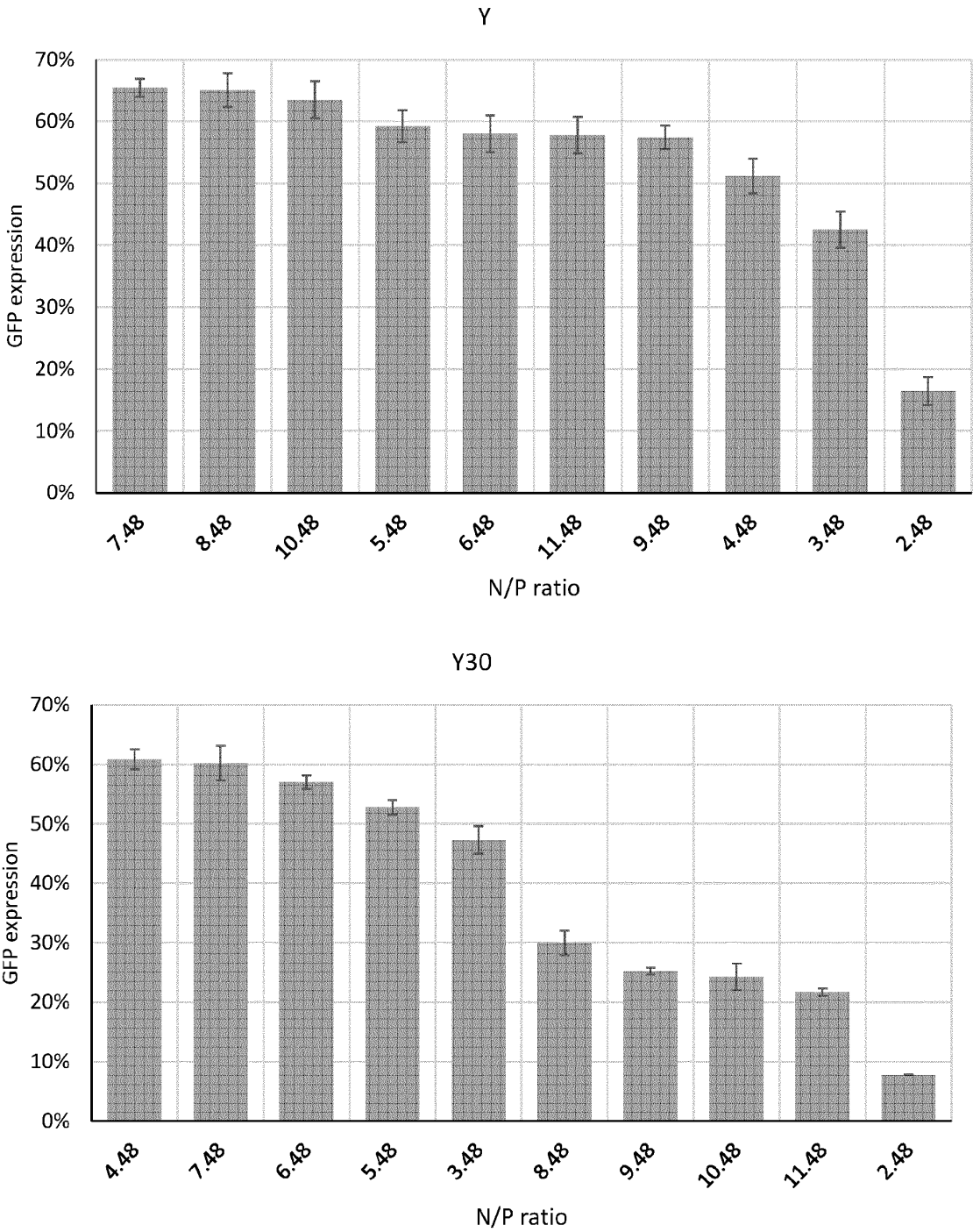


Fig. 3

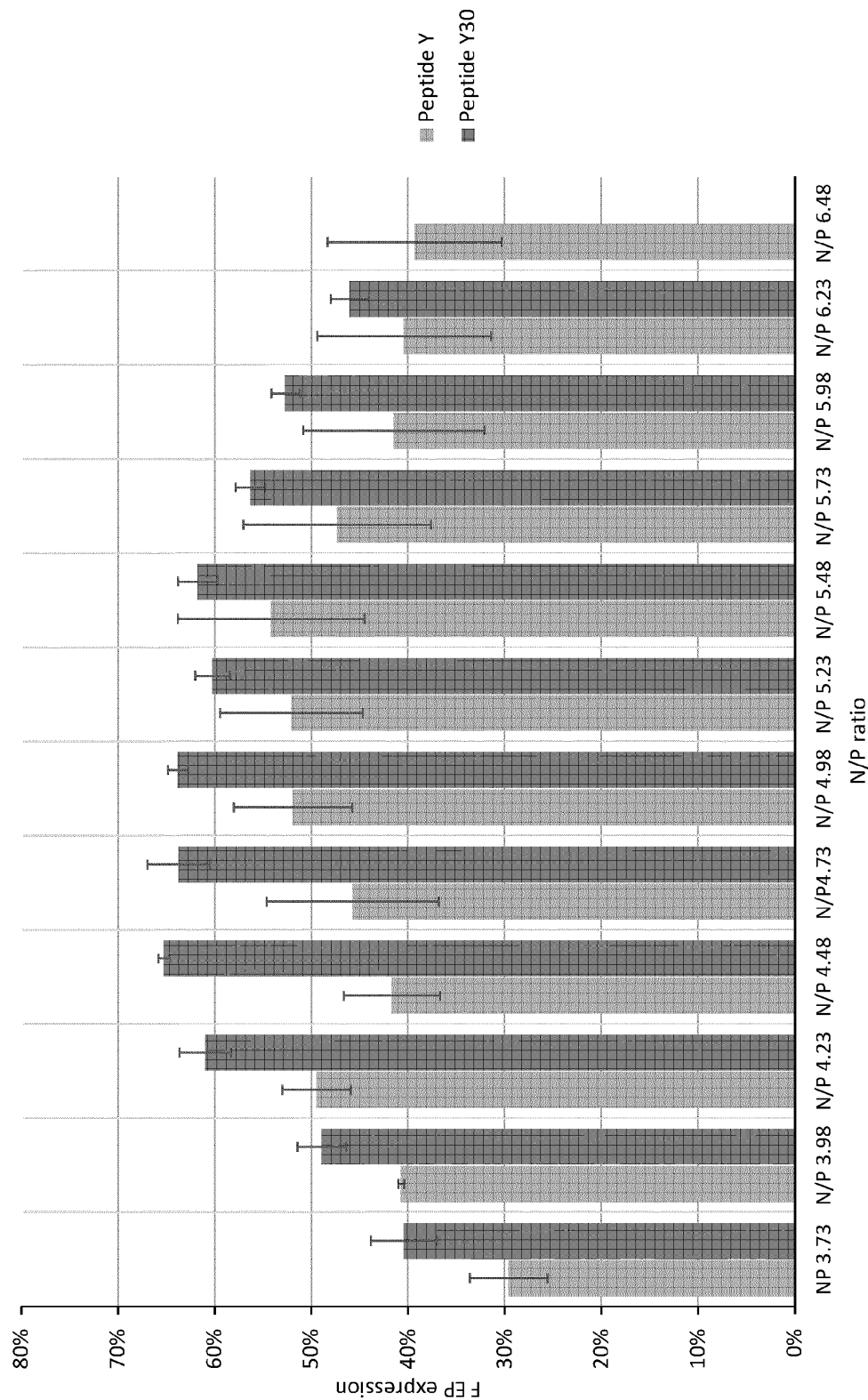


Fig. 4

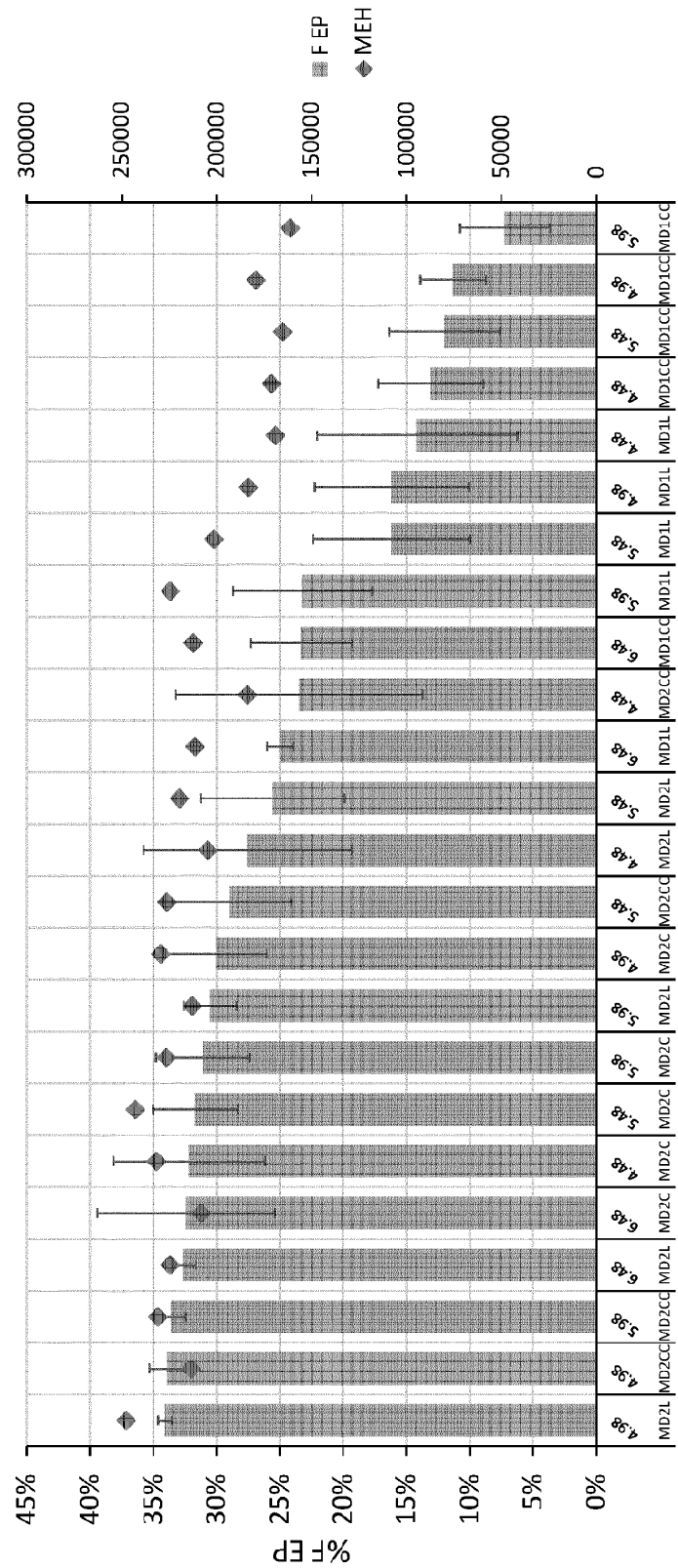


Fig. 5

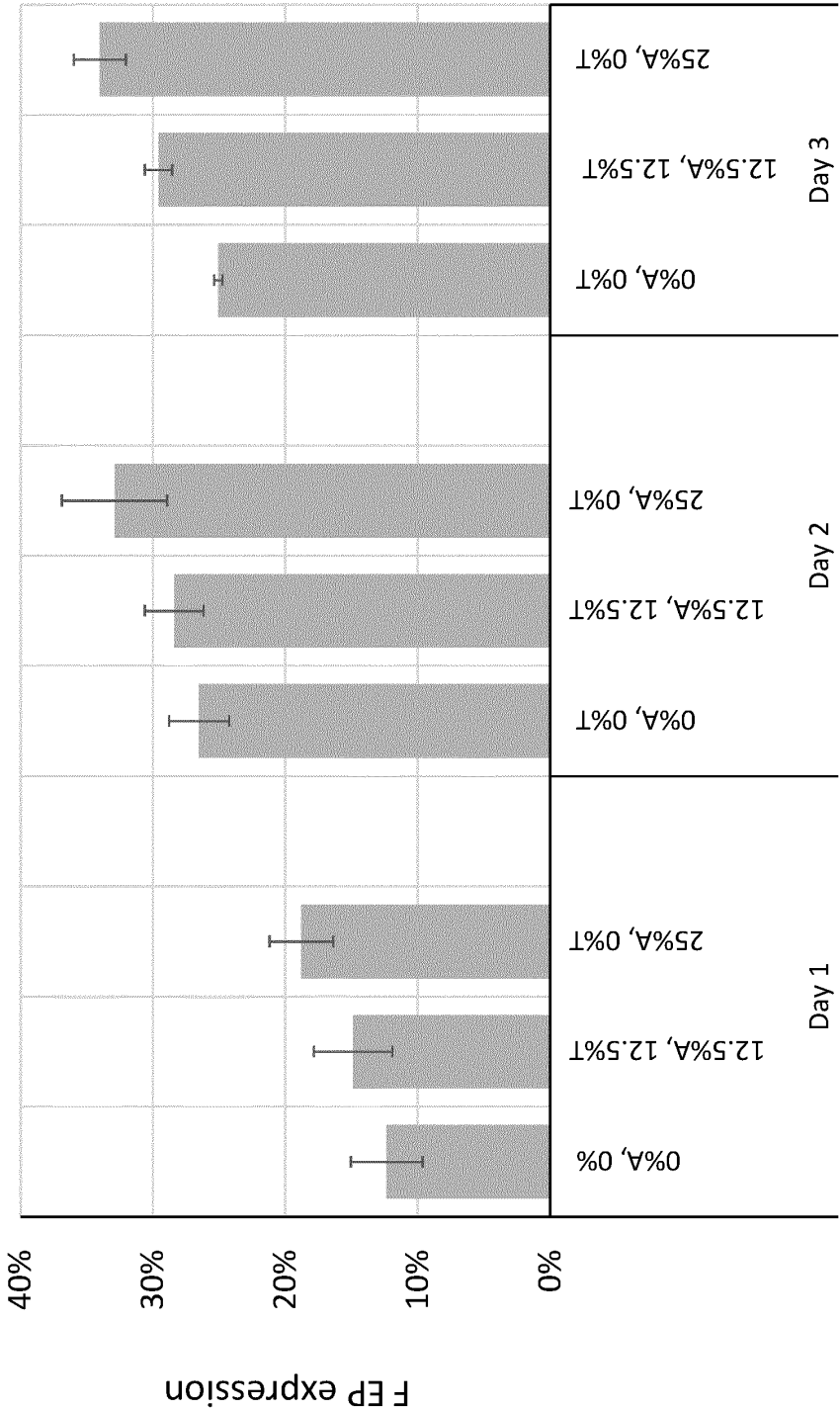


Fig. 6

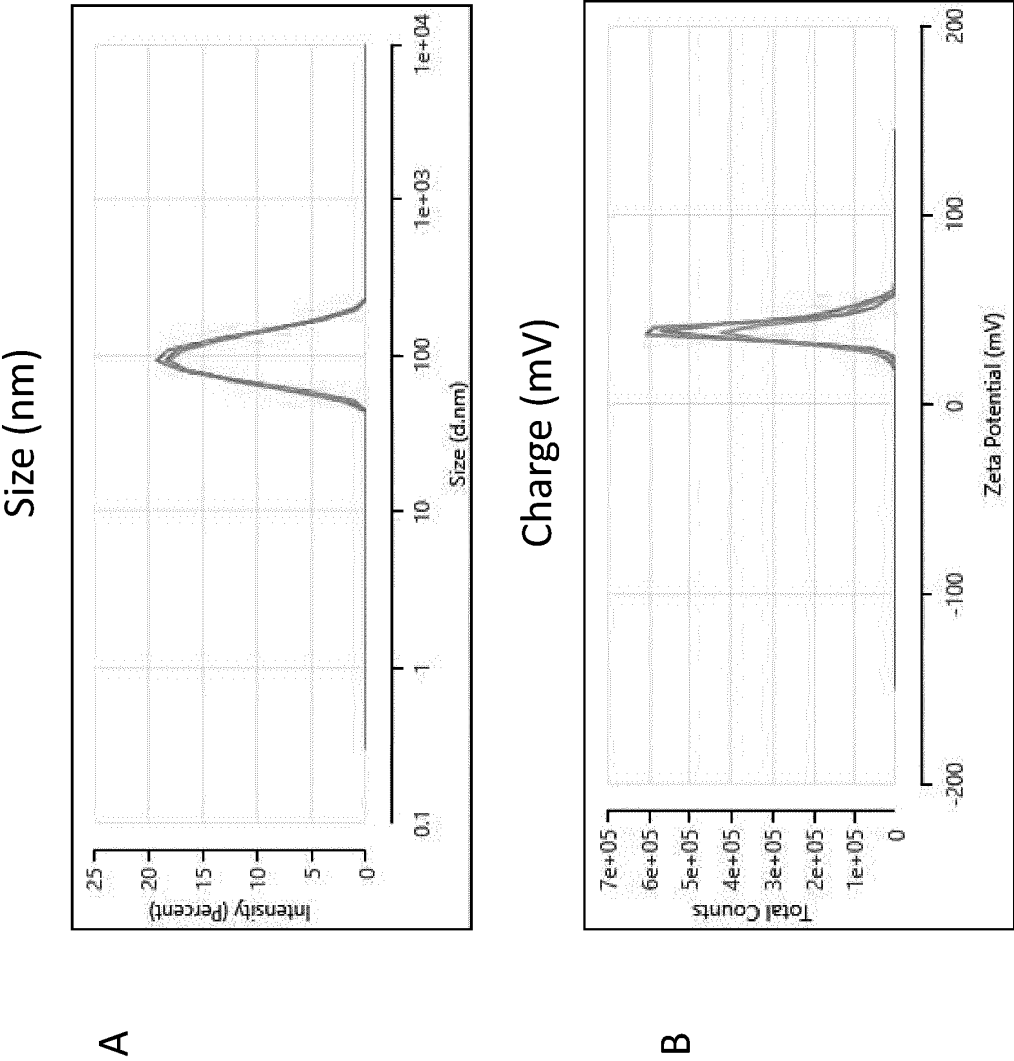
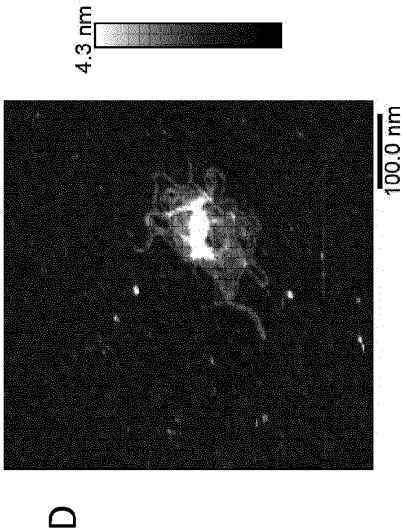
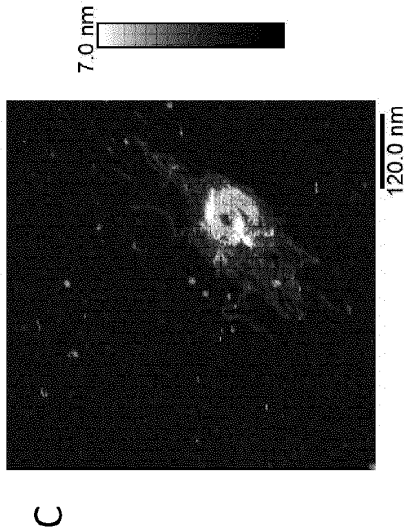
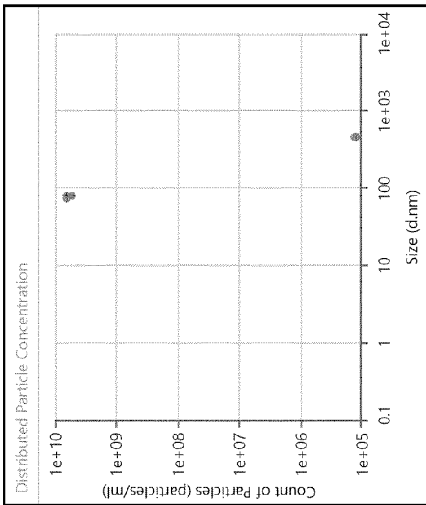
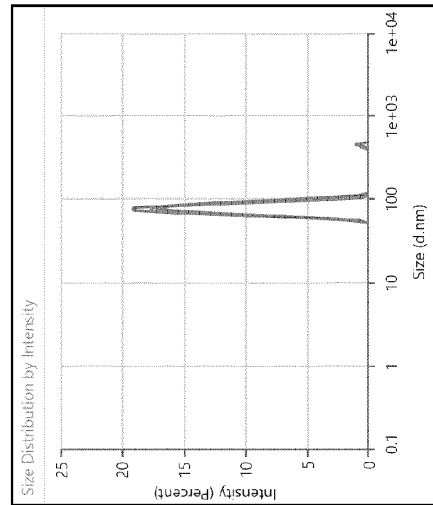


Fig. 7a

AEM



Concentration



1 in 100 dilution

Fig. 7b

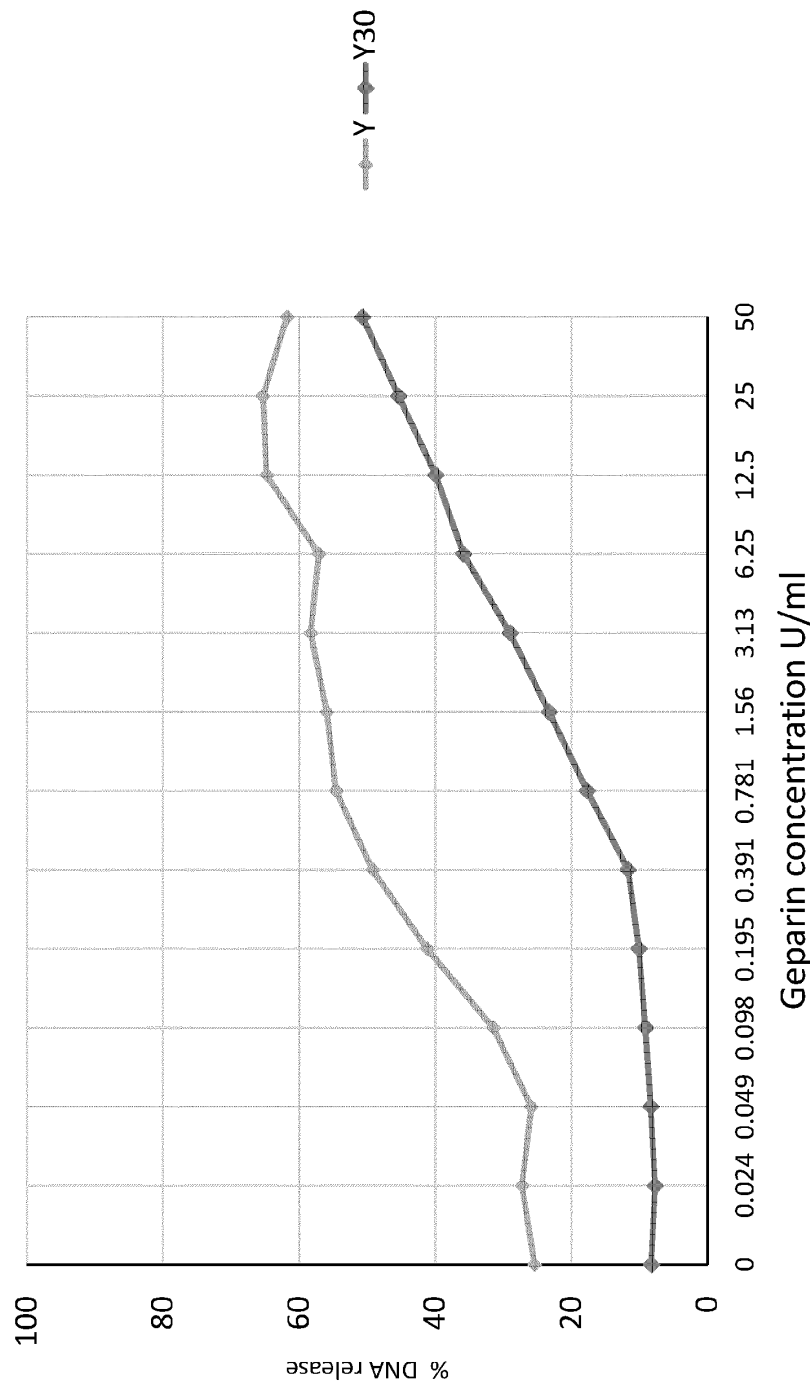


Fig. 8

Peptide	N/P ratio	Z-Average (nm)	PDI	Zeta-Potential (mV)
Y	N/P .47	131.5 ± 2.08	0.17	31.11 ± 1.0
	N/P 5.47	12 .3 ± 1.37	0.21	38.83 ± 0.17
	N/P 6.47	124.1 ± 1.53	0.22	40. ± 1.23
	N/P 7.47	123 ± 1.84	0.18	40.07 ± 2.55
	N/P 8.47	124 ± 0.66	0.17	37.75 ± 2.37
Y30	N/P .47	125.7 ± 1.46	0.18	3 .11 ± 1.37
	N/P 5.47	124.1 ± 4.34	0.16	4 .23 ± 2.23
	N/P 6.47	12 . ± 3.84	0.18	30.48 ± 7.46
	N/P 7.47	123.6 ± 0.1	0.18	45.03 ± 1.83
	N/P 8.47	12 .1 ± 1. 3	0.18	36.46 ± .46

Fig. 9

Peptide name	Peptide sequence	DNA binding domain	Targeting sequence
MD1CC	K16RVRRF ACASSLNIA C	K16	ASSLNIA
MD1C	K16F ACASSLNIA C	K16	ASSLNIA
MD1L	K16FAASSLNIA C	K16	ASSLNIA
MD2CC	K16RVRRF ACRRQPPRSI SS GPC	K16	RRQPPRSI SS SGP
MD2C	K16F ACRRQPPRSI SS GPC	K16	RRQPPRSI SS SGP
MD2L	K16F ARRQPPRSI SS GP	K16	RRQPPRSI SS SGP
MD3CC	K16RVRRF ACSKTENTGPOQSTPC	K16	SKTENTGPOQSTP
MD3C	K16F ACSKTENTGPOQSTPC	K16	SKTENTGPOQSTP
MD3L	K16F ASKTENTGPOQSTP	K16	SKTENTGPOQSTP
Peptide Y	K16F ACYF LPGKEC	K16	YF LPGKE
Peptide Y30	K30F ACYF LPGKEC	K30	YF LPGKE

Fig. 10

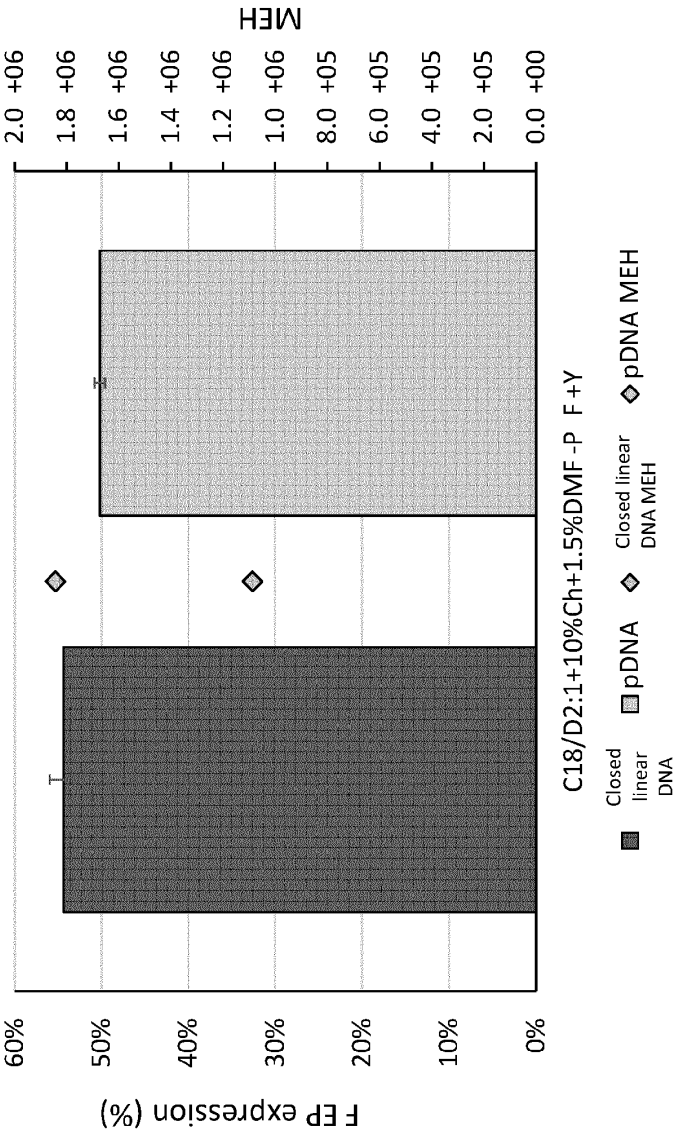


Fig. 11

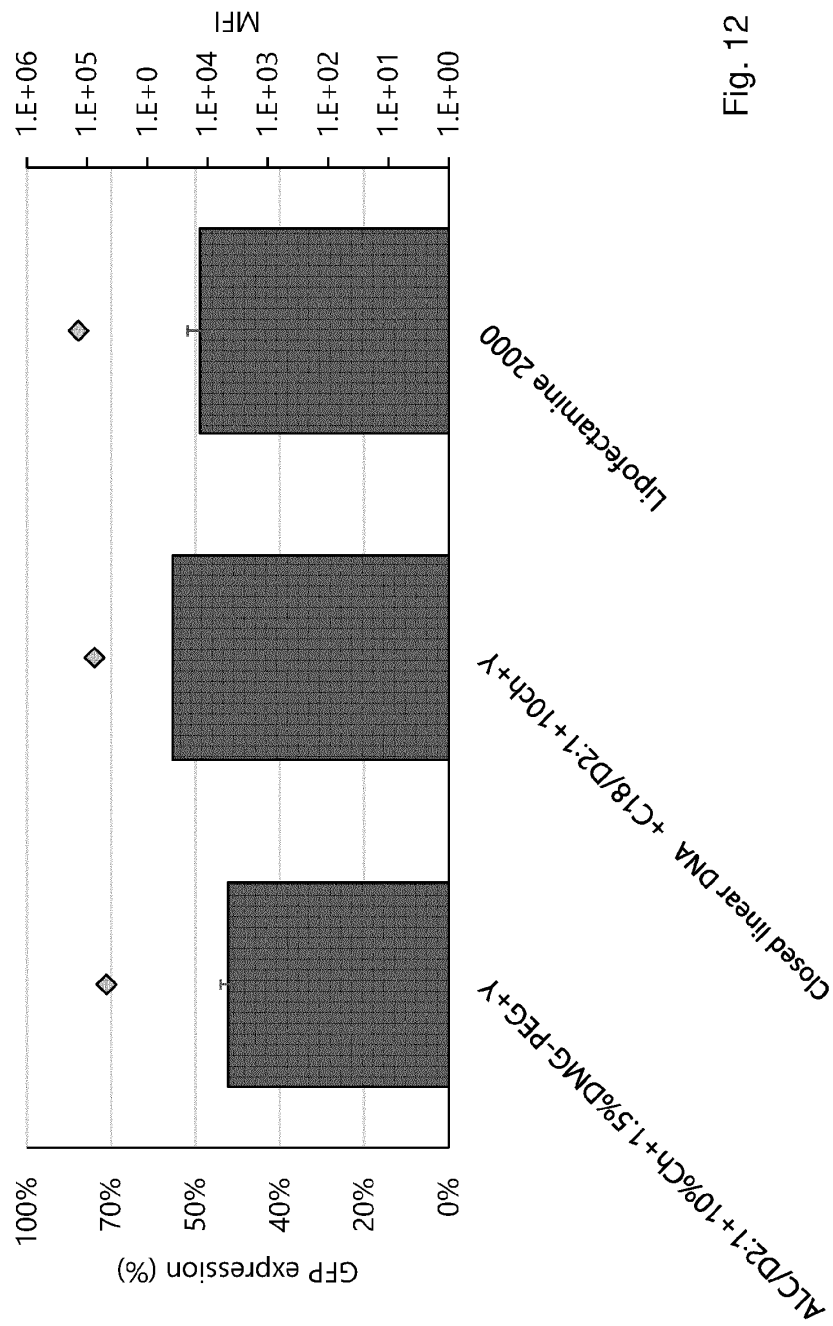


Fig. 12

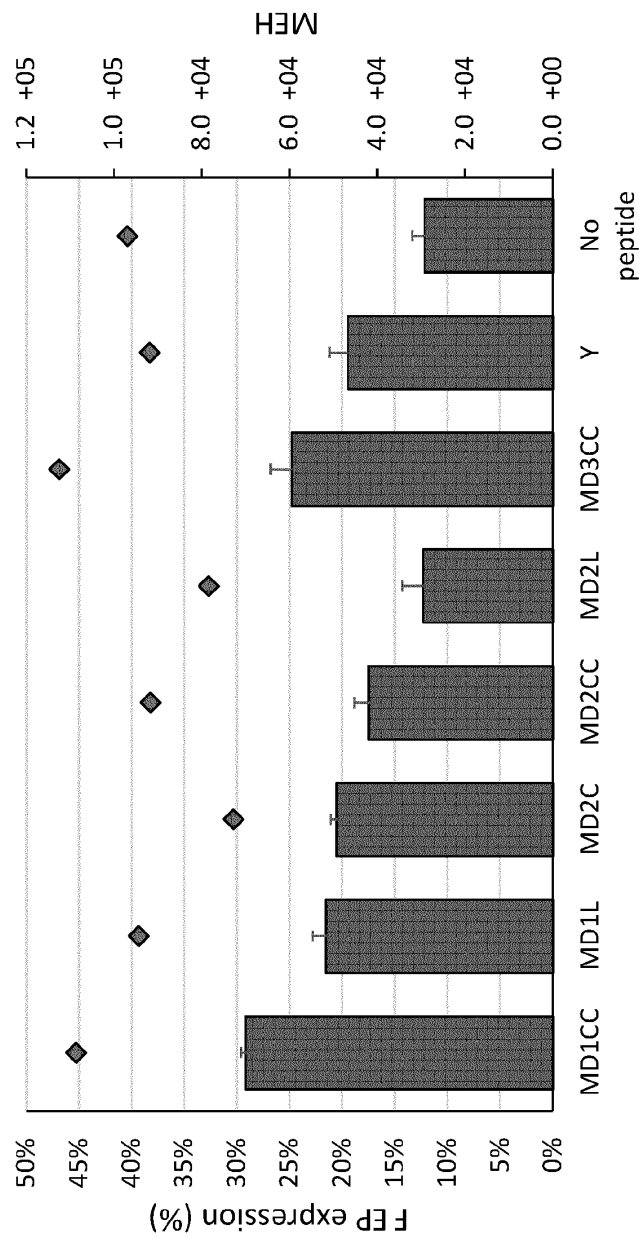


Fig. 13

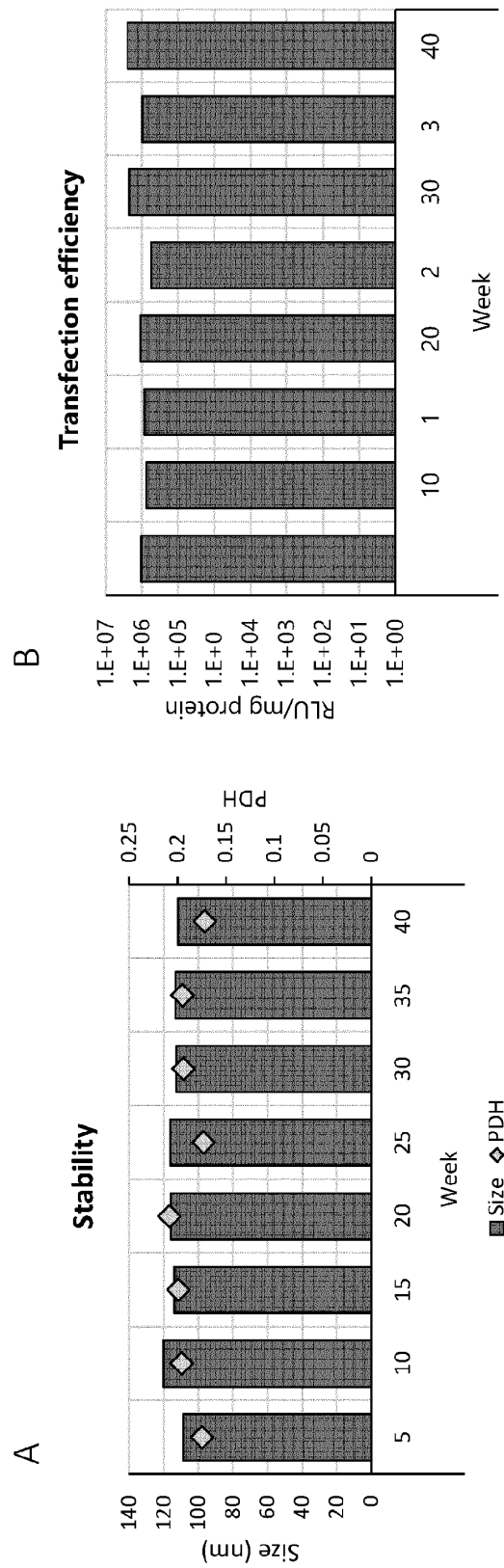


Fig. 14

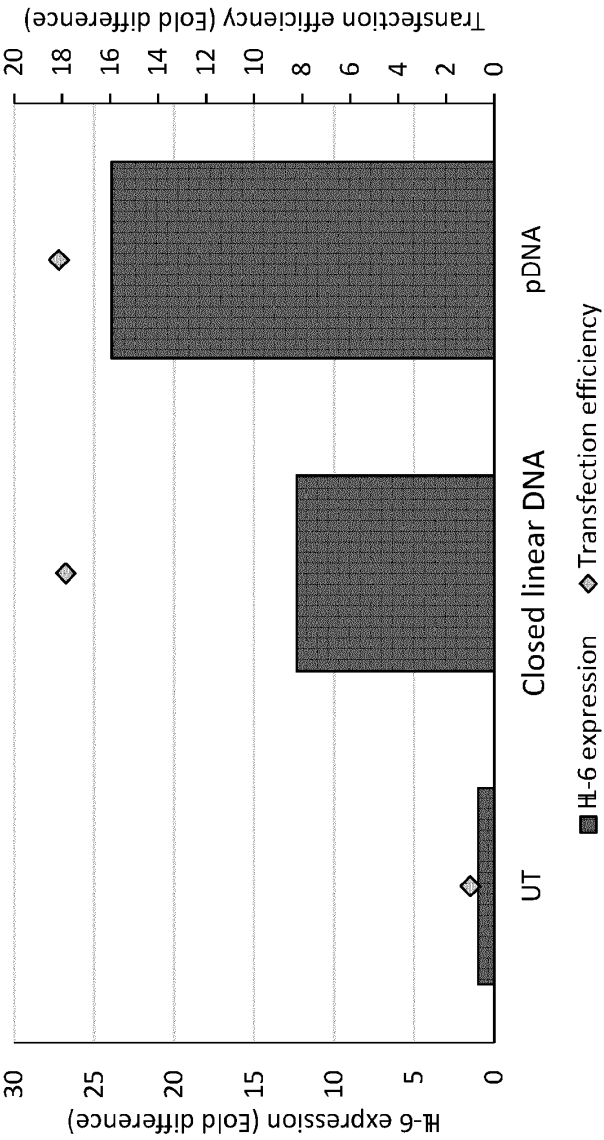


Fig. 15

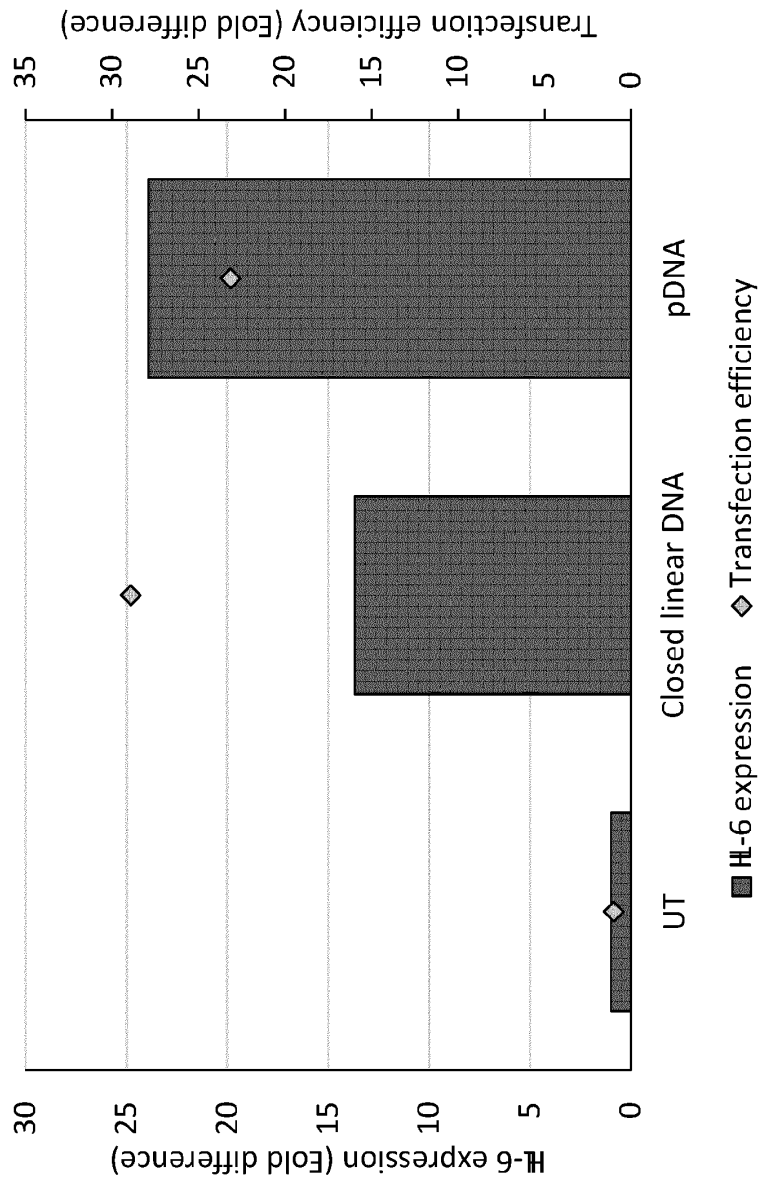


Fig. 16

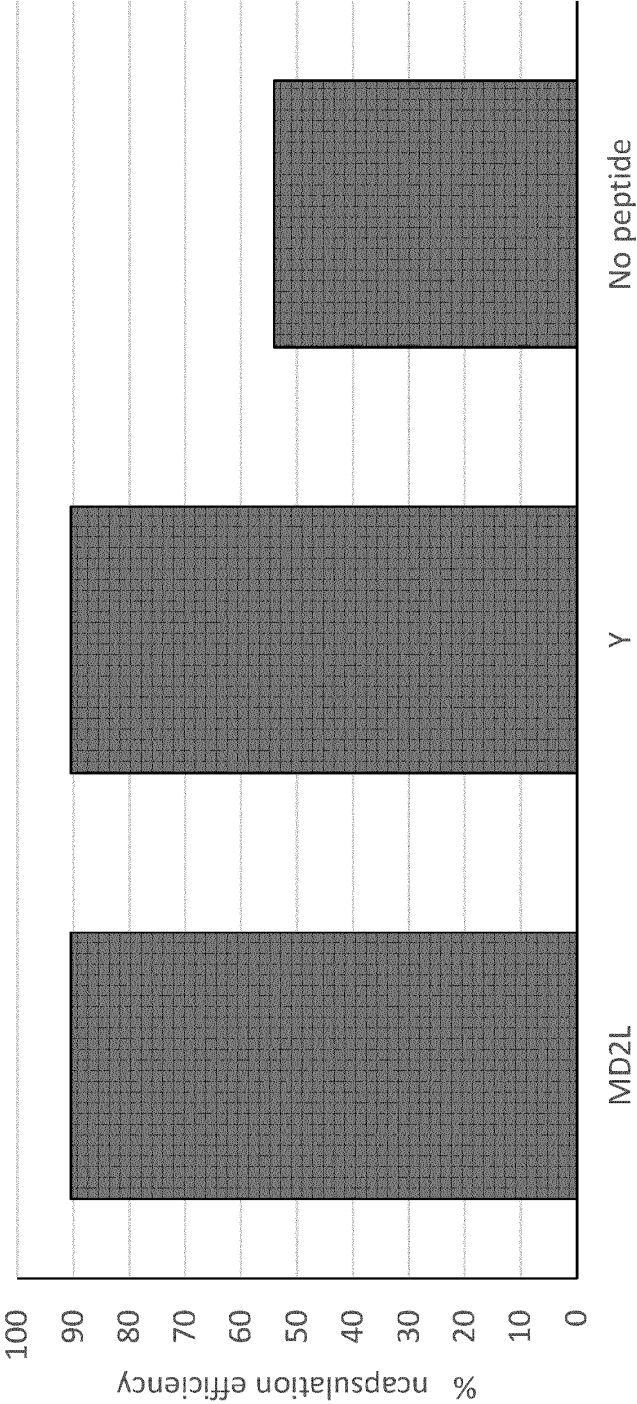
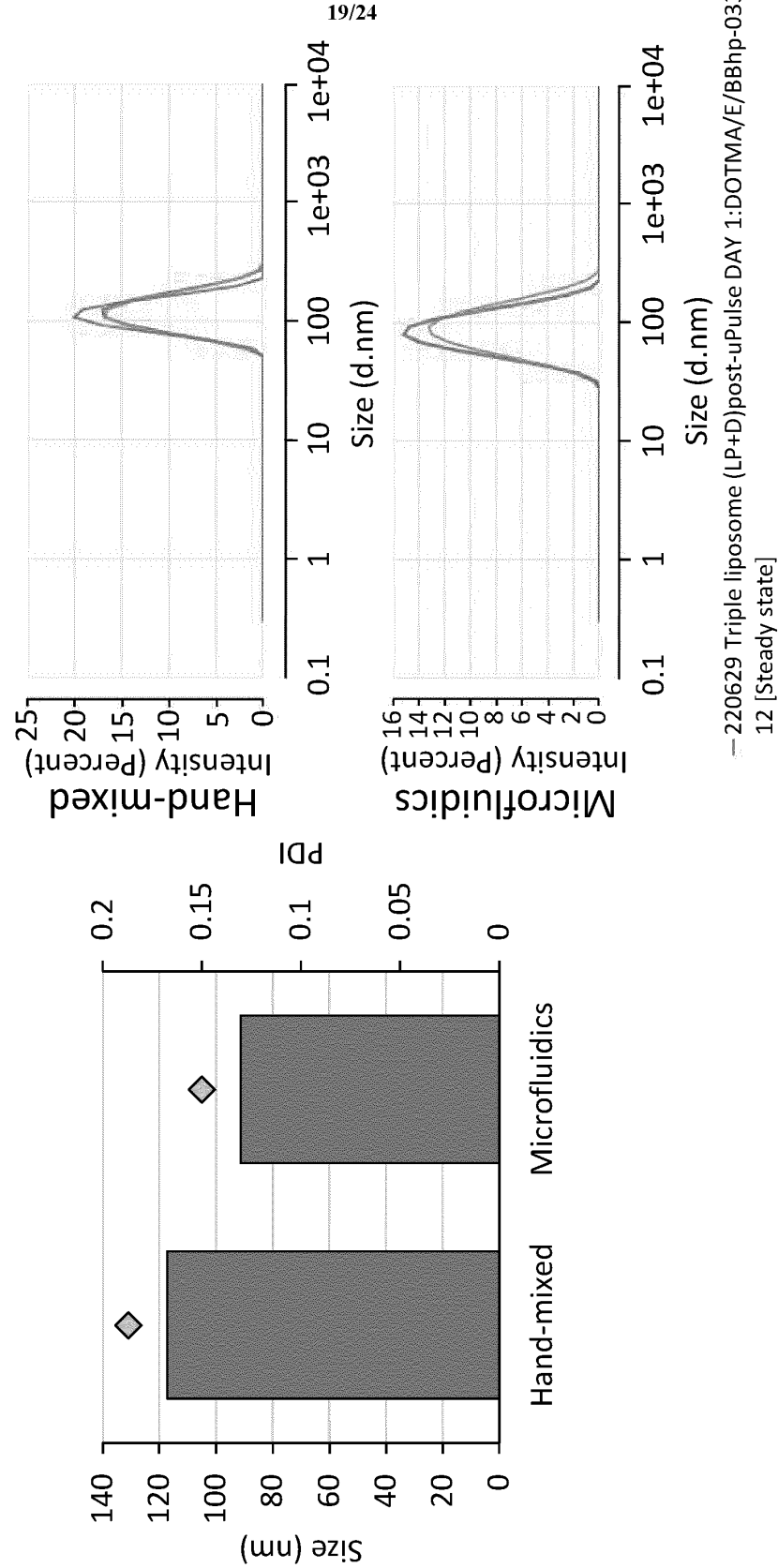


Fig. 17



— 220629 Triple liposome (LP+D)post-uPulse DAY 1:DOTMA/E/BBhp-035
12 [Steady state]

Fig. 18

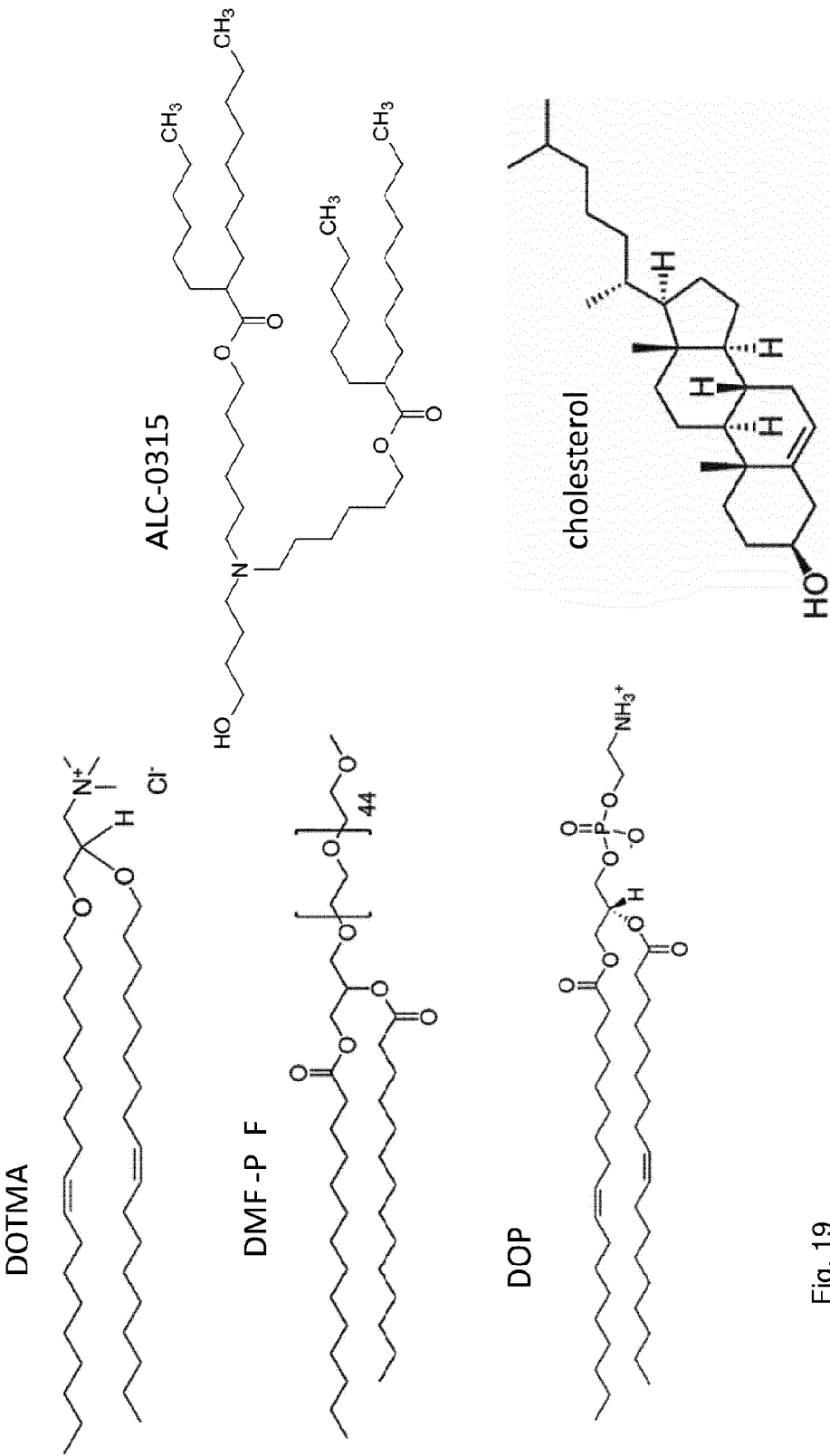


Fig. 19

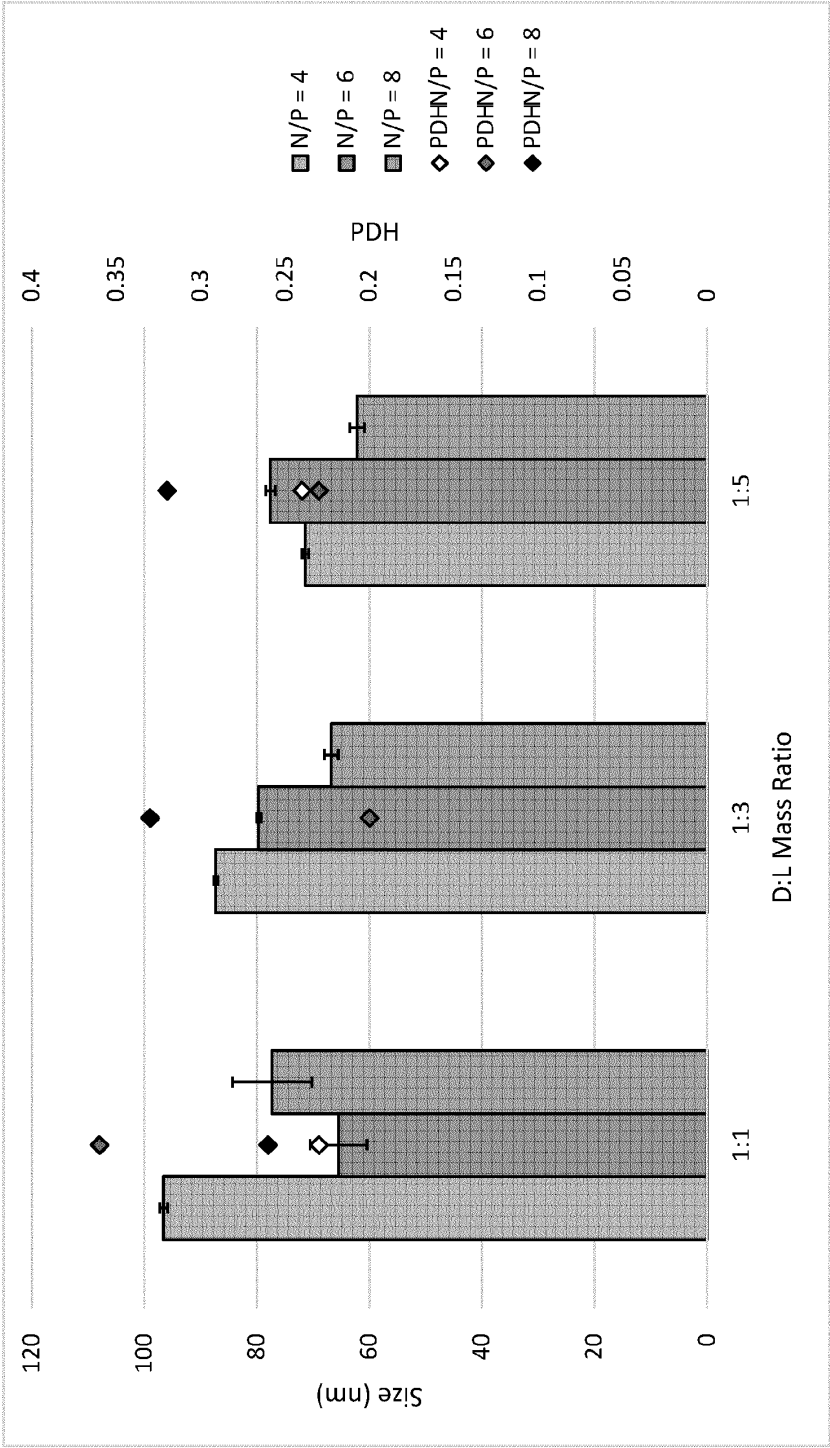


Fig. 20

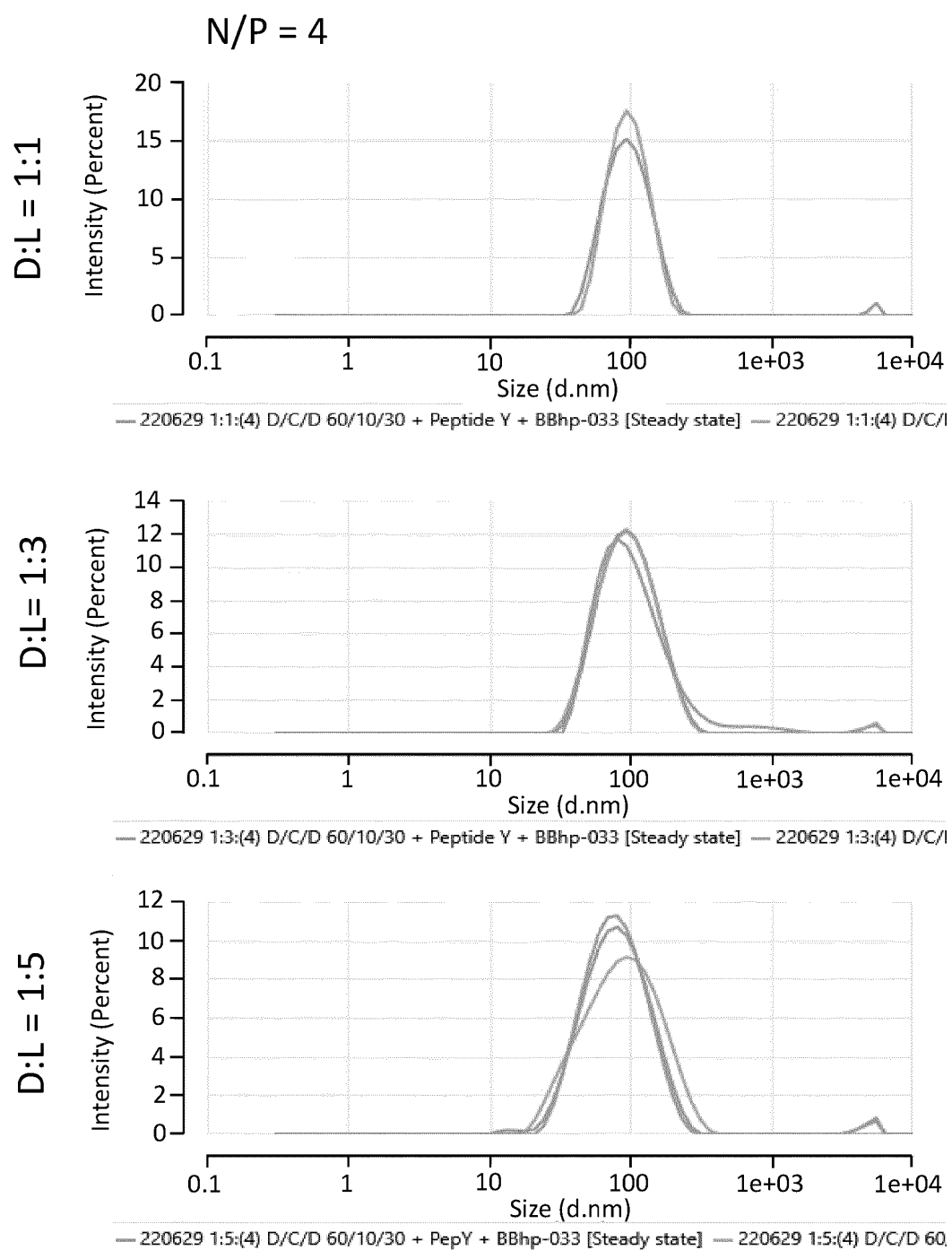


Fig. 21

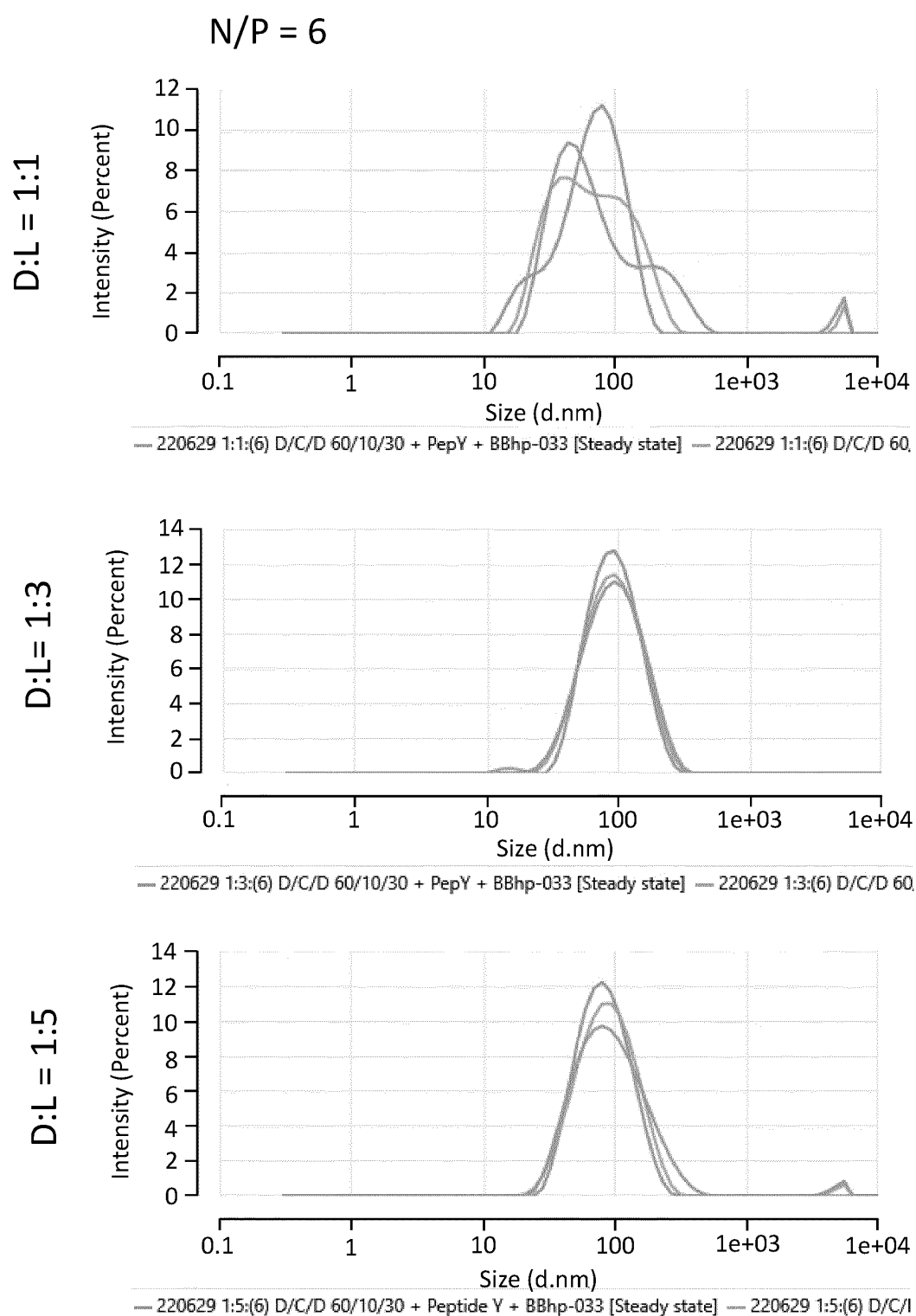


Fig. 21

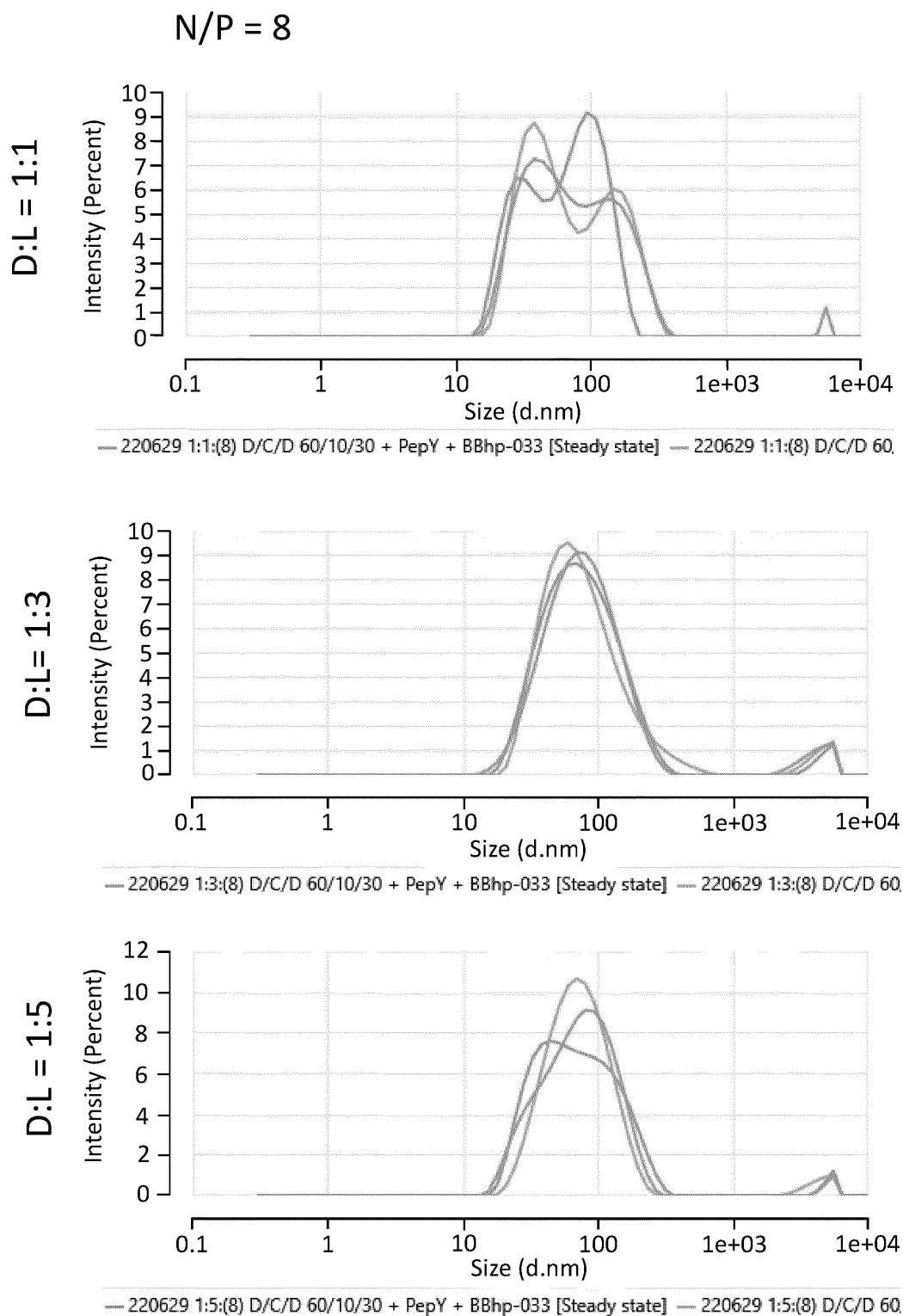


Fig. 21

SUBSTITUTE SHEET (RULE 26)