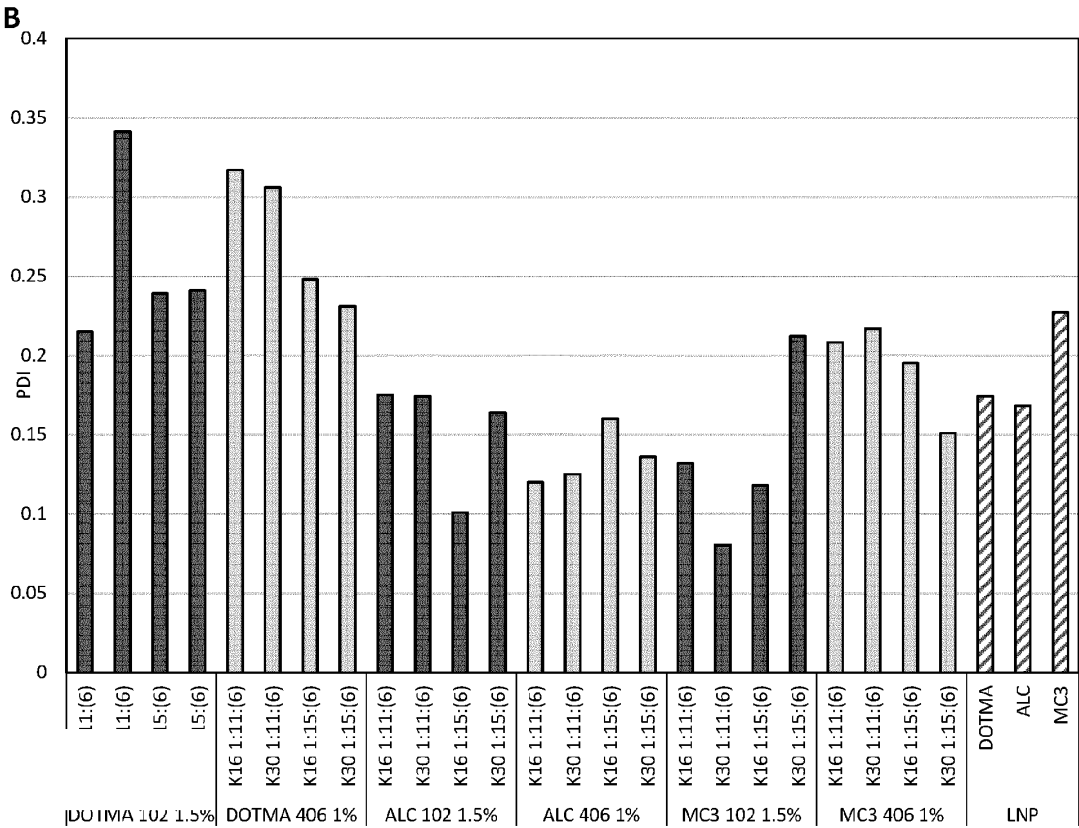
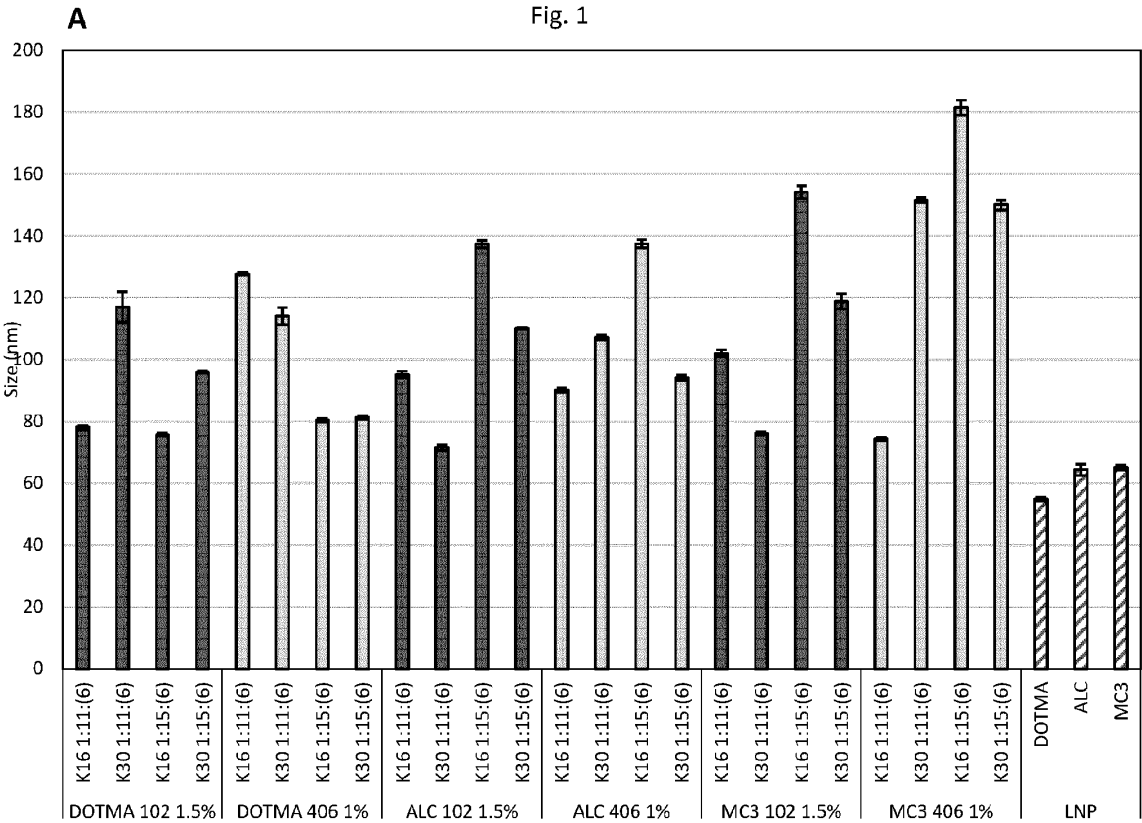
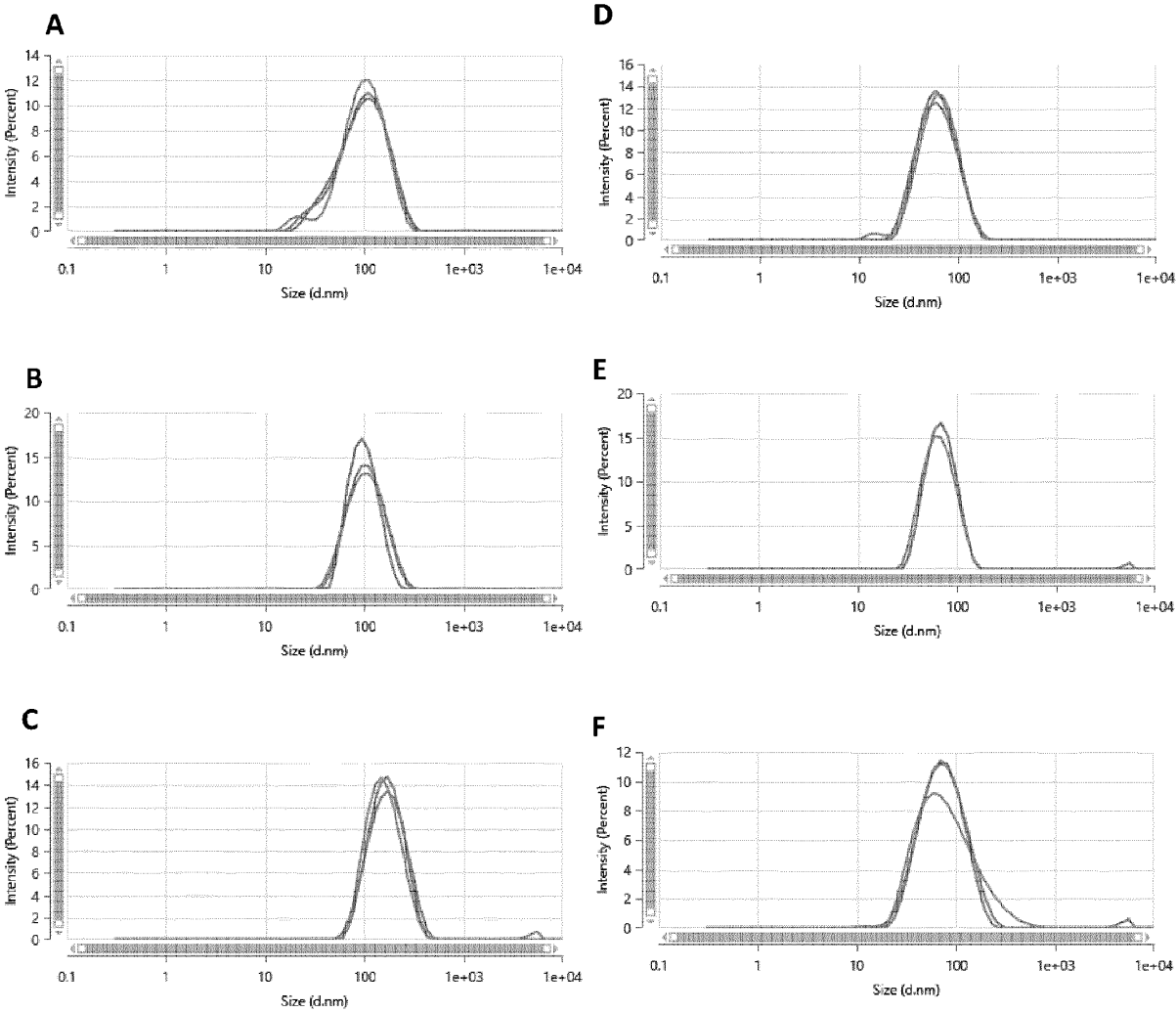
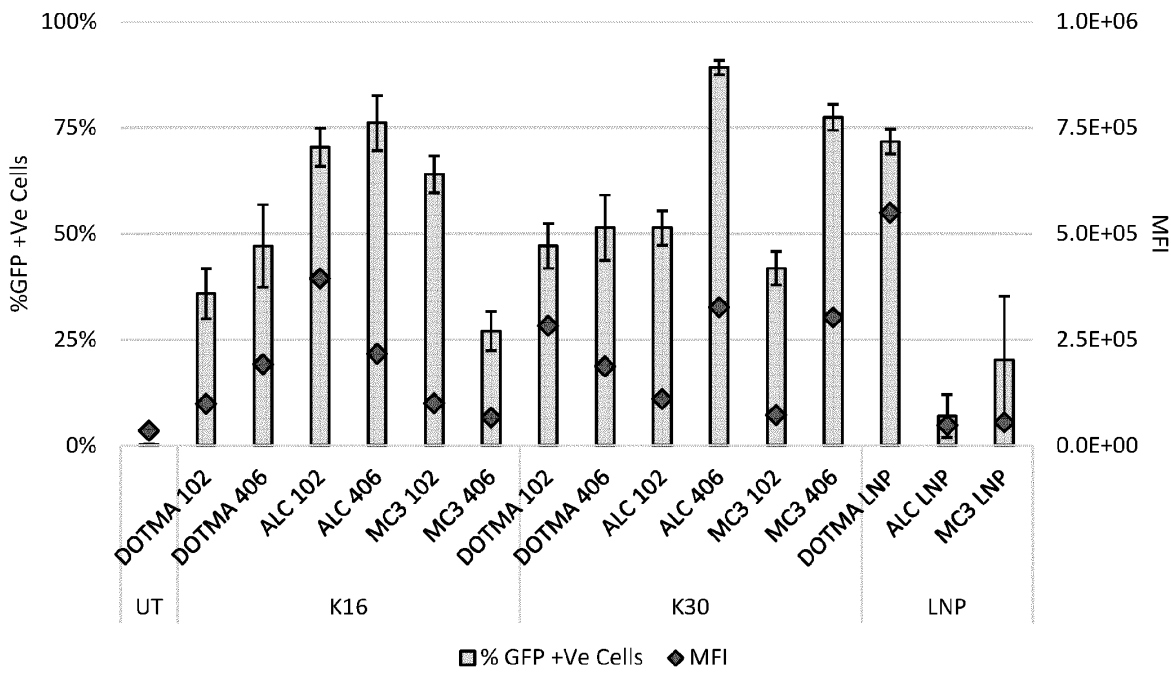


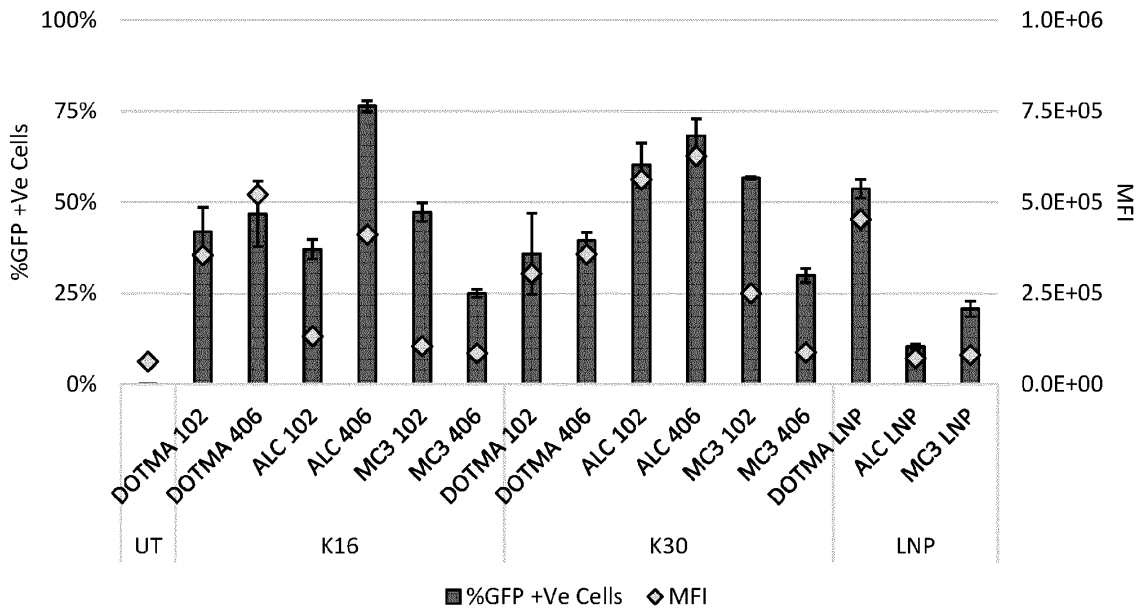


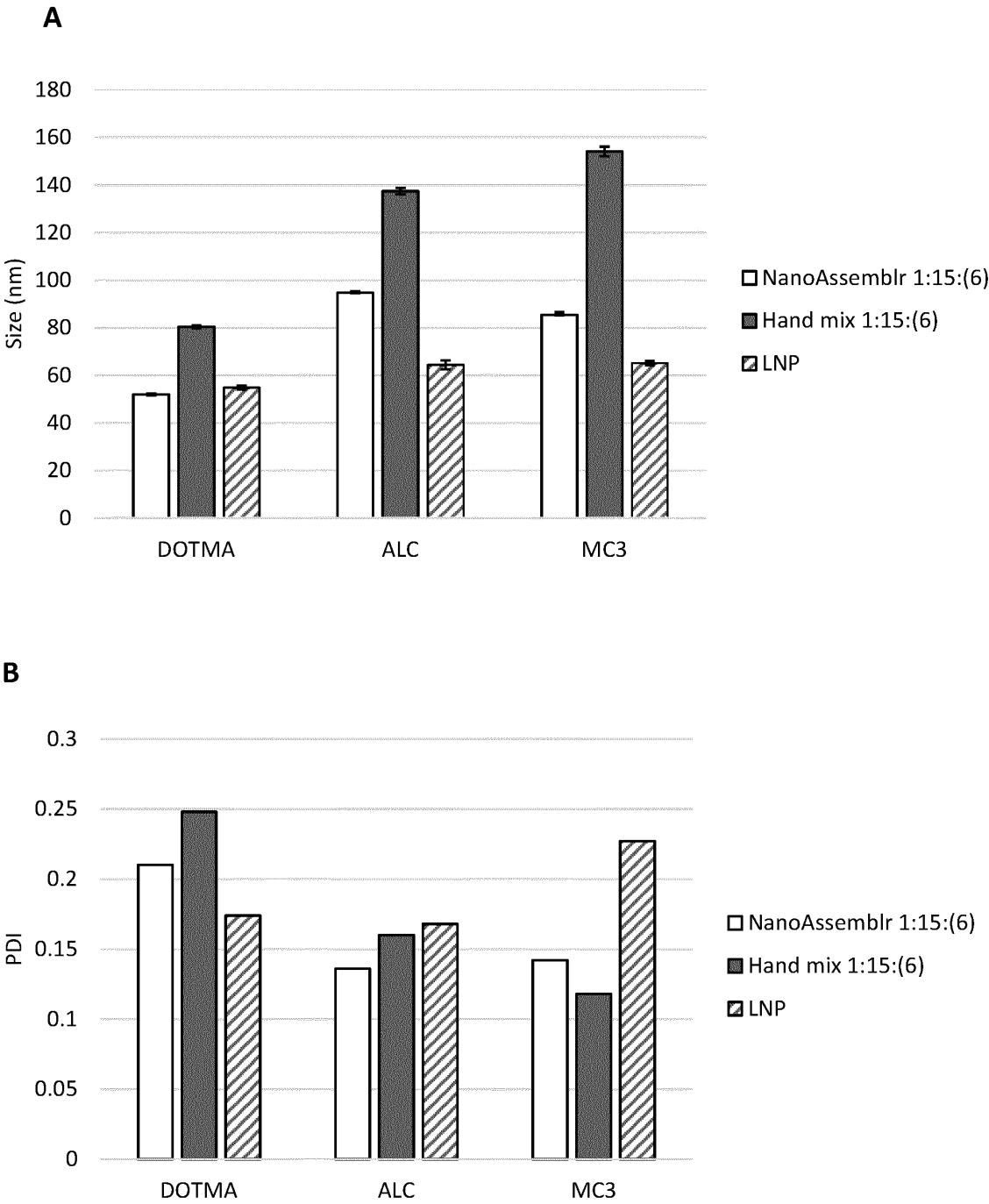


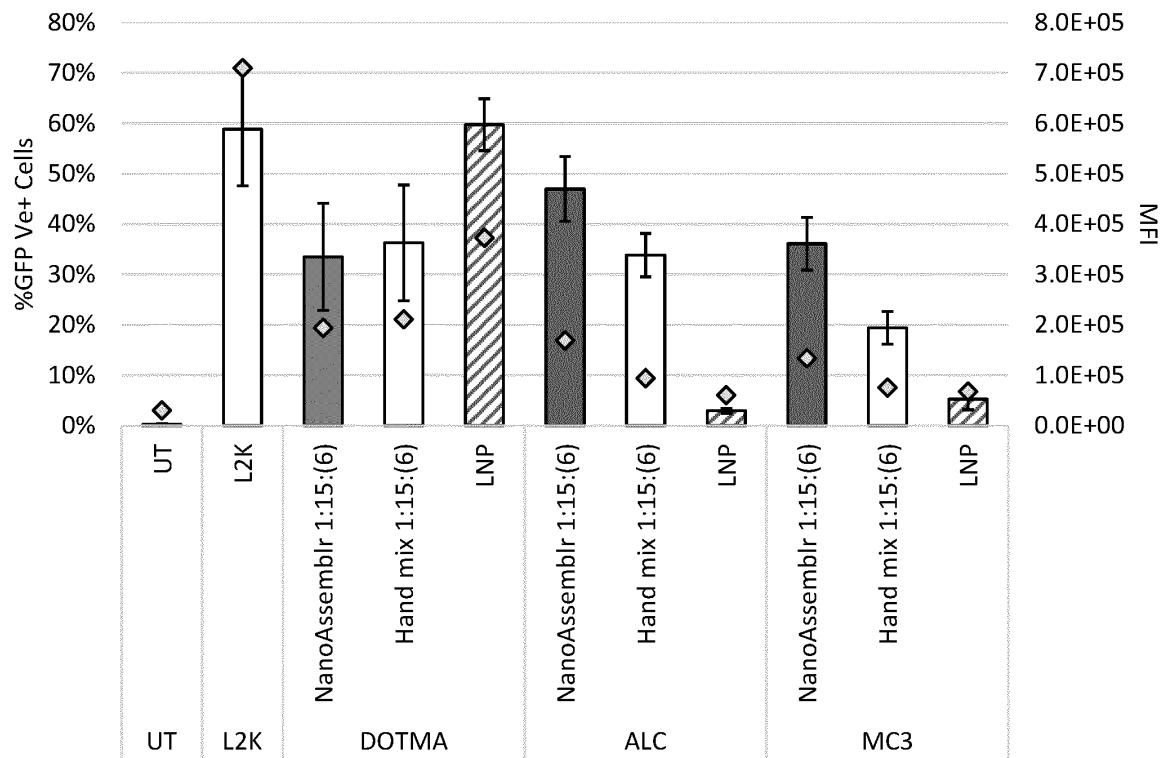
A

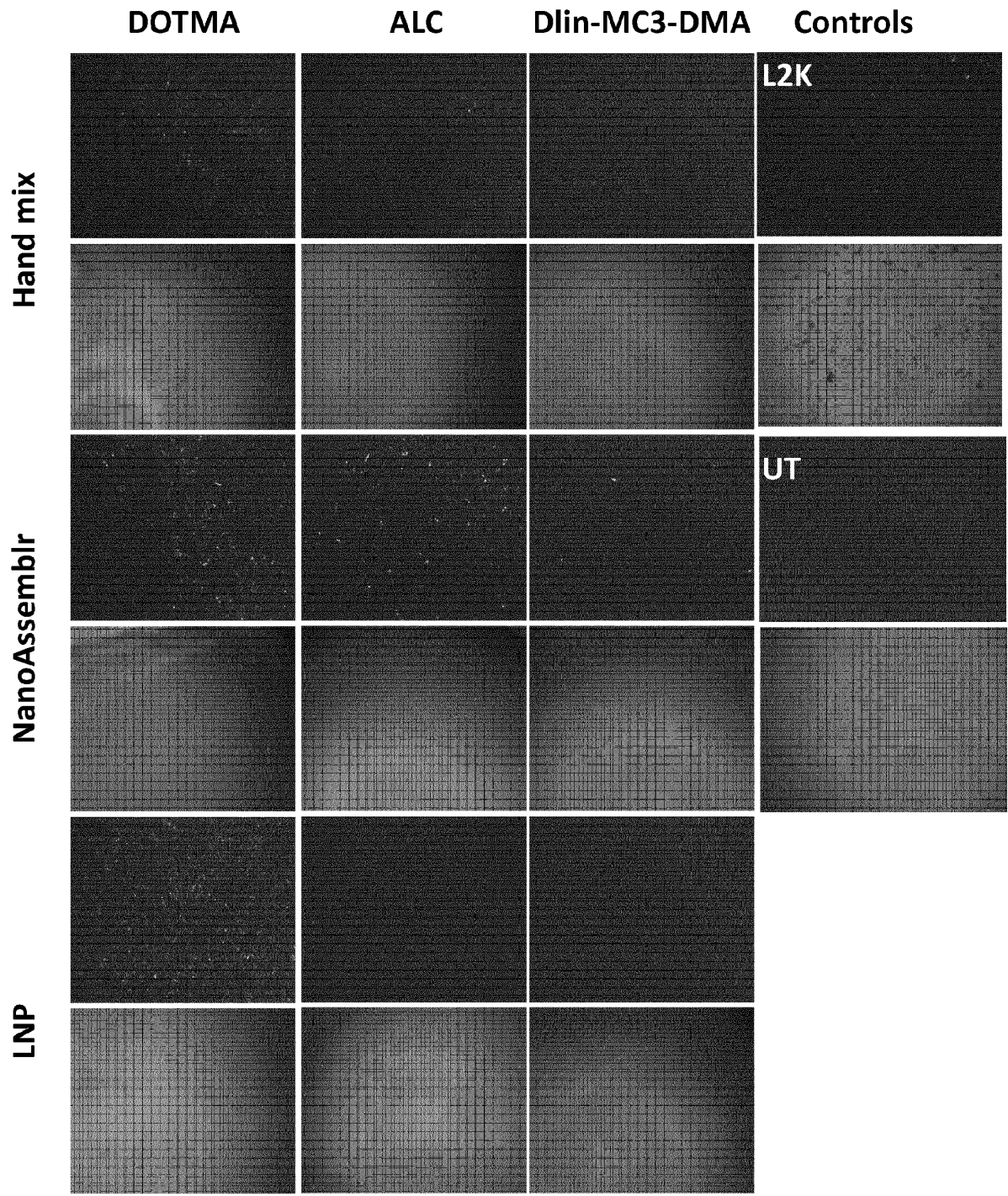


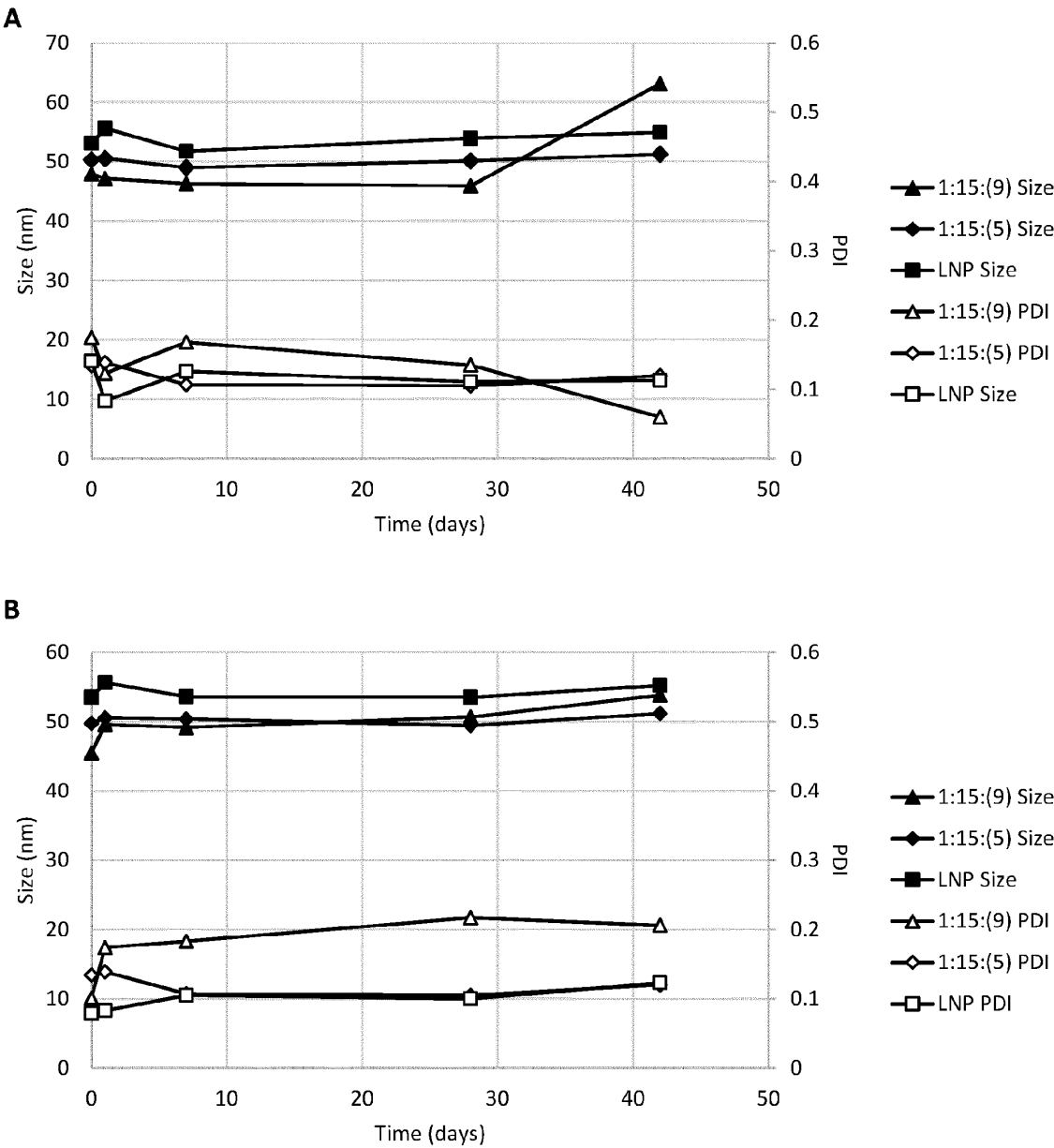
B

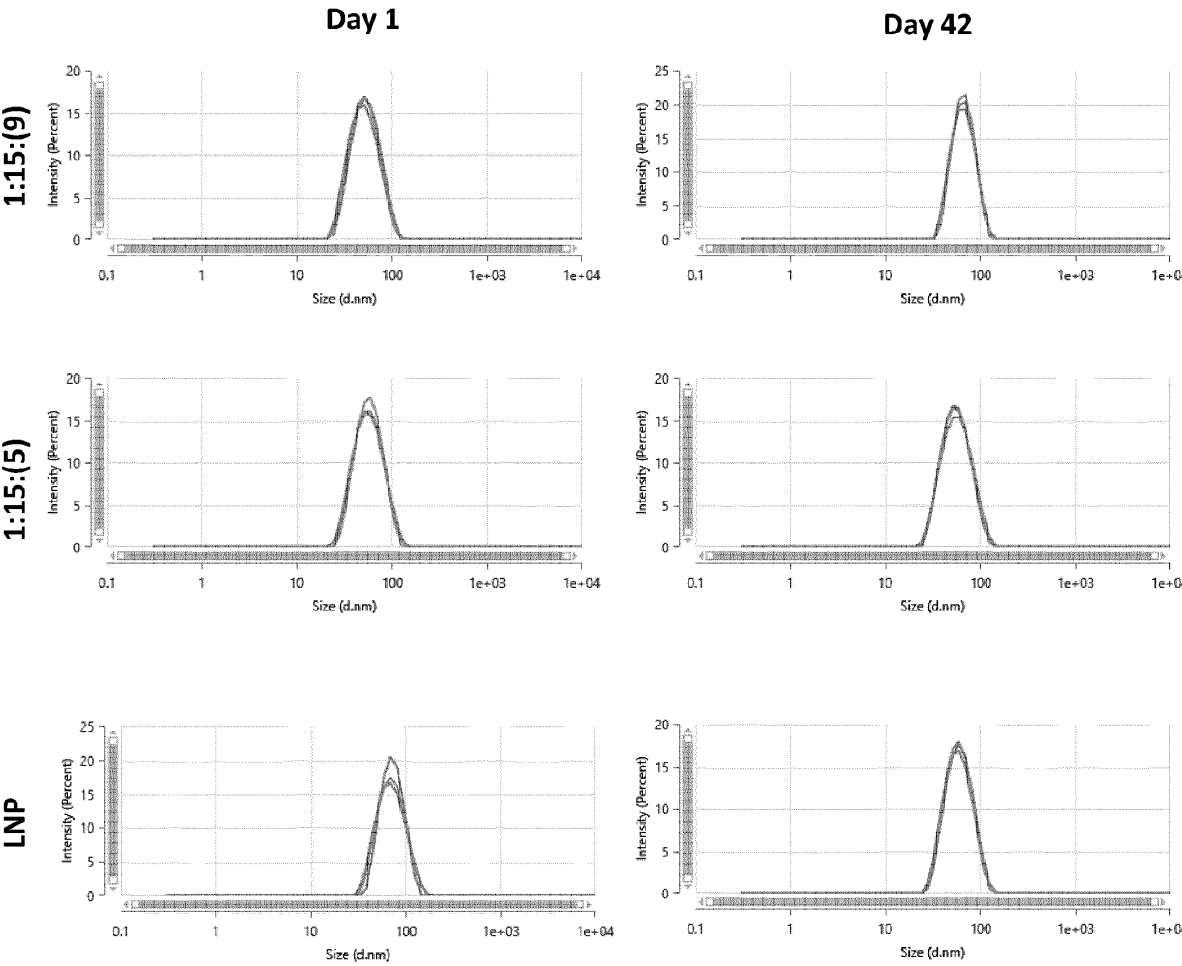




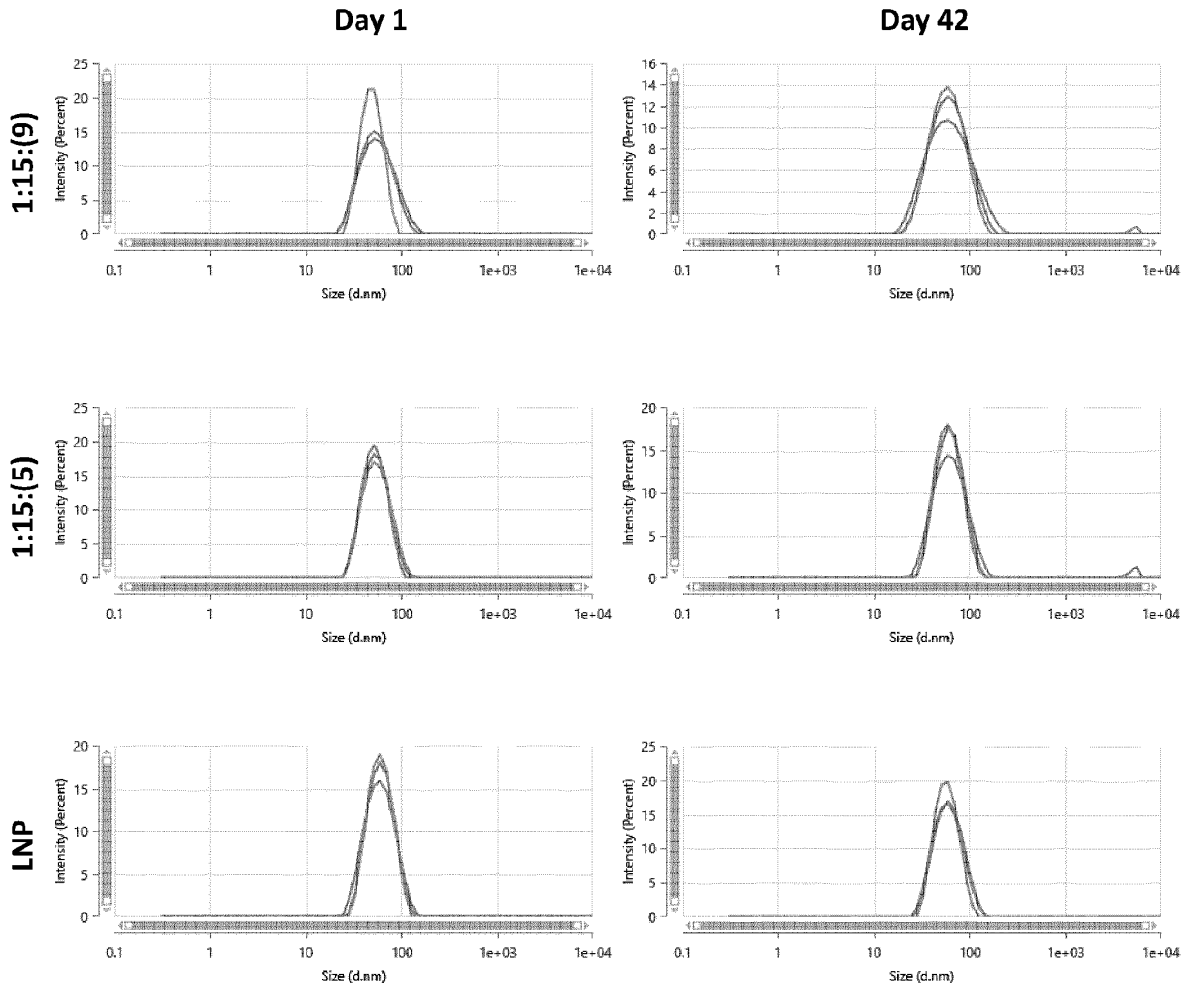




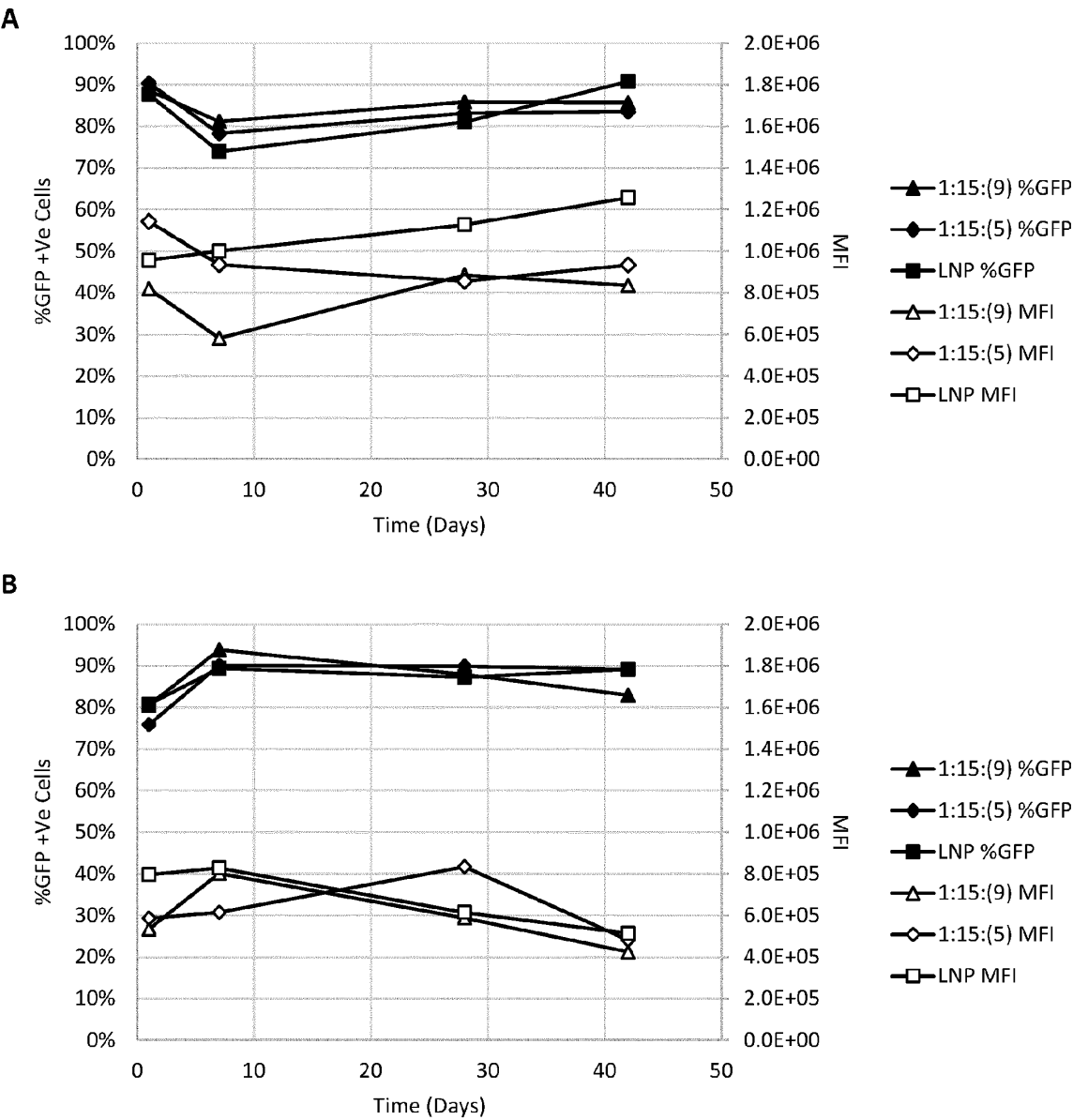




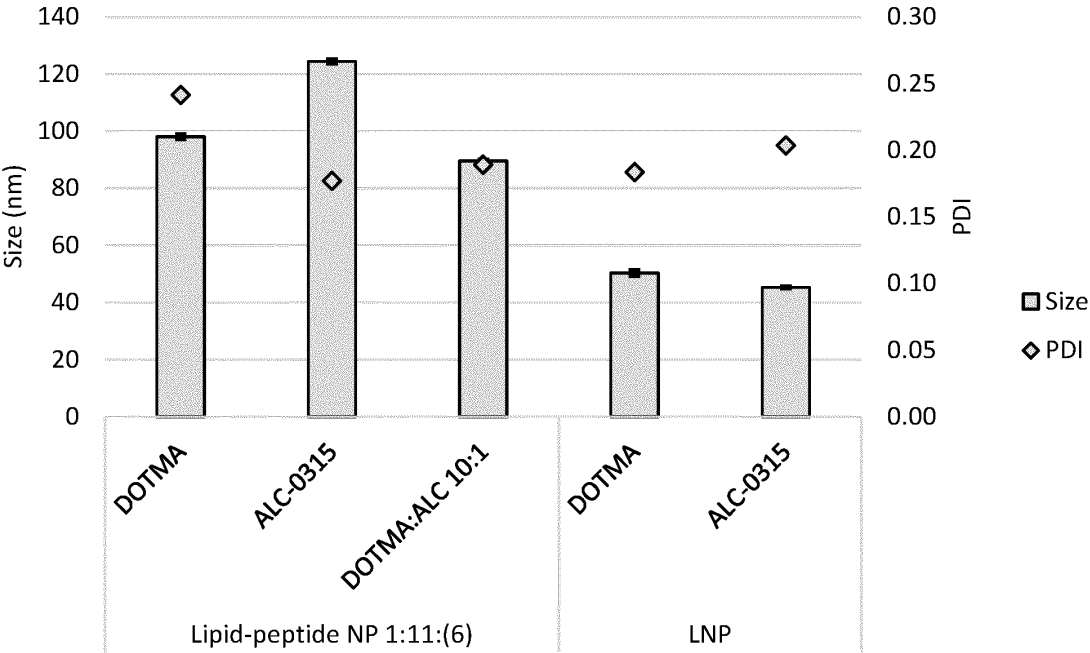
9/18
Fig. 9



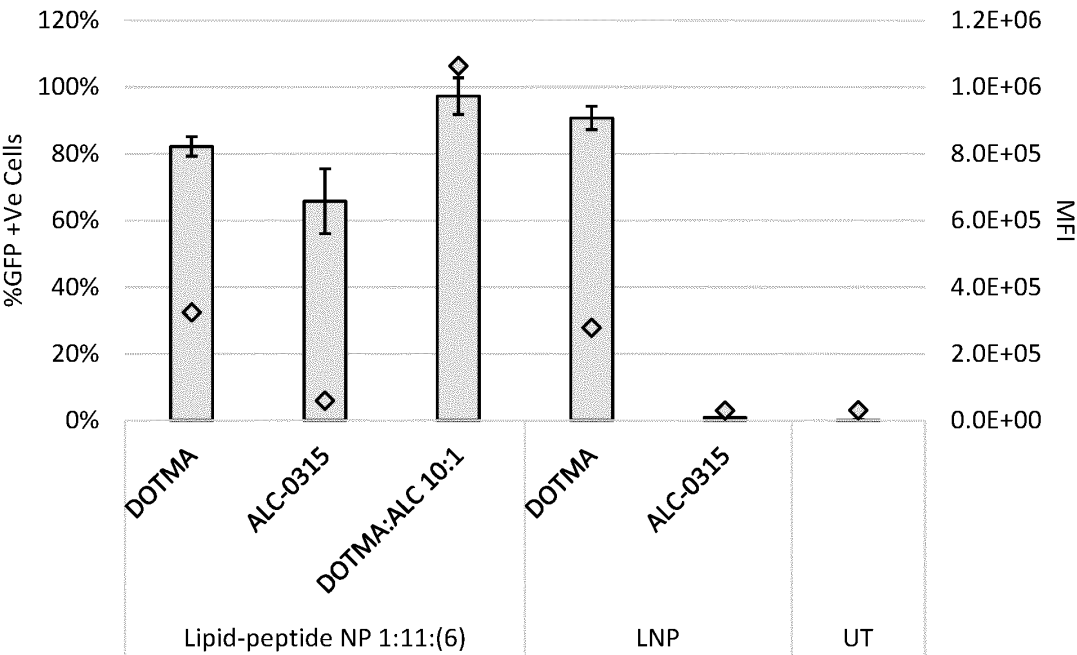
10/18
Fig. 10



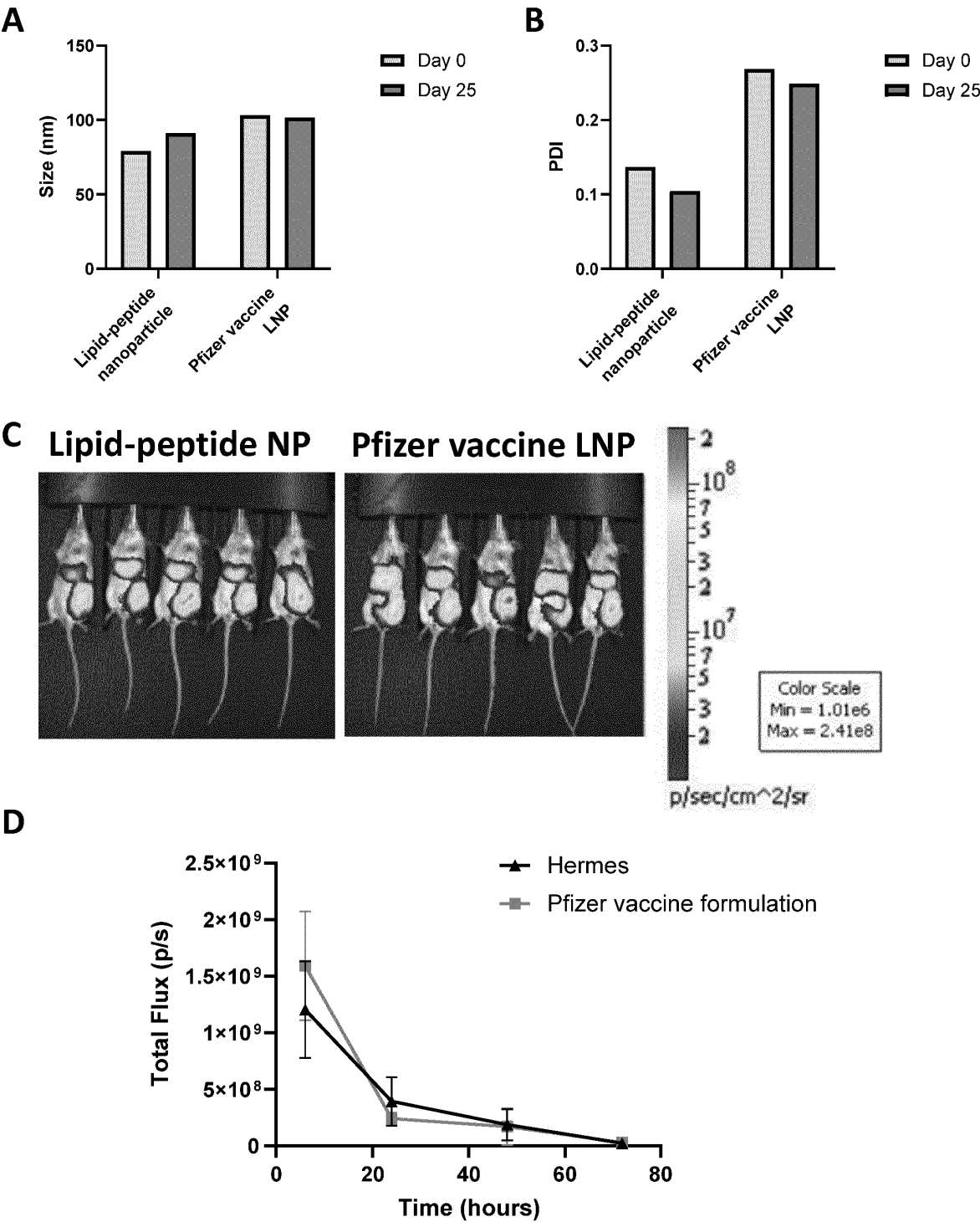
A



B

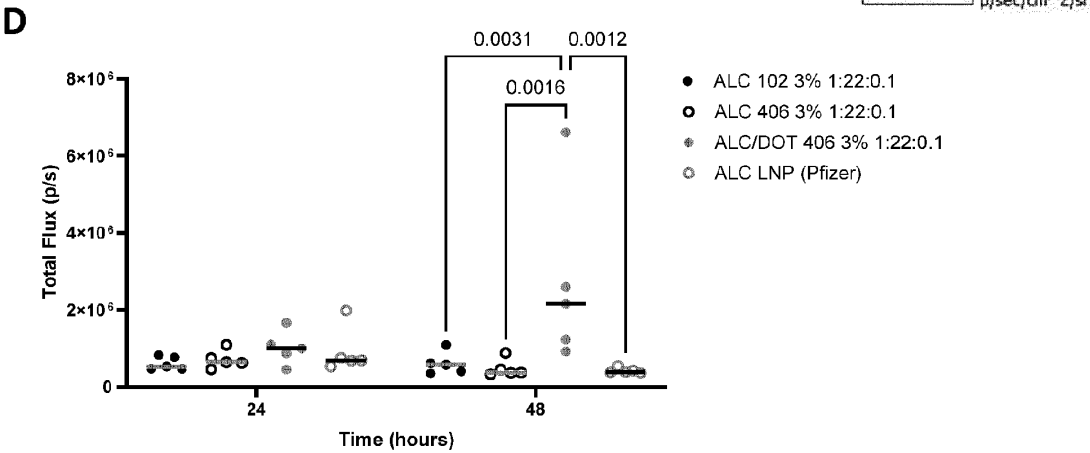
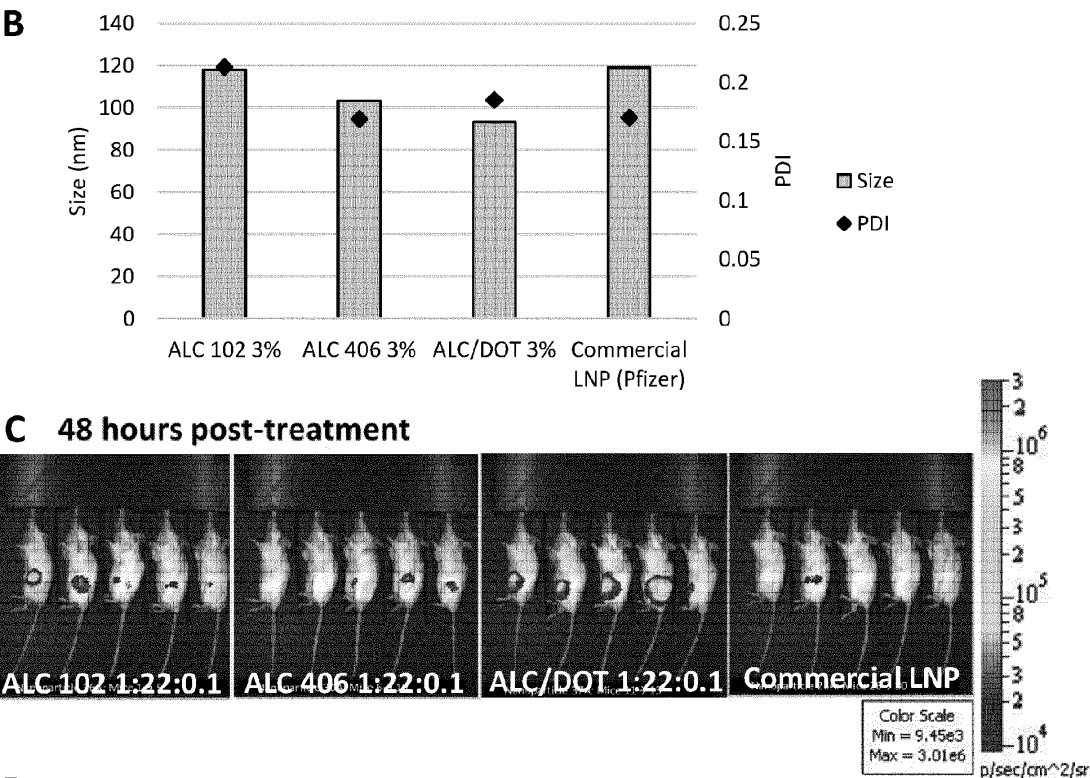


12/18
Fig. 12

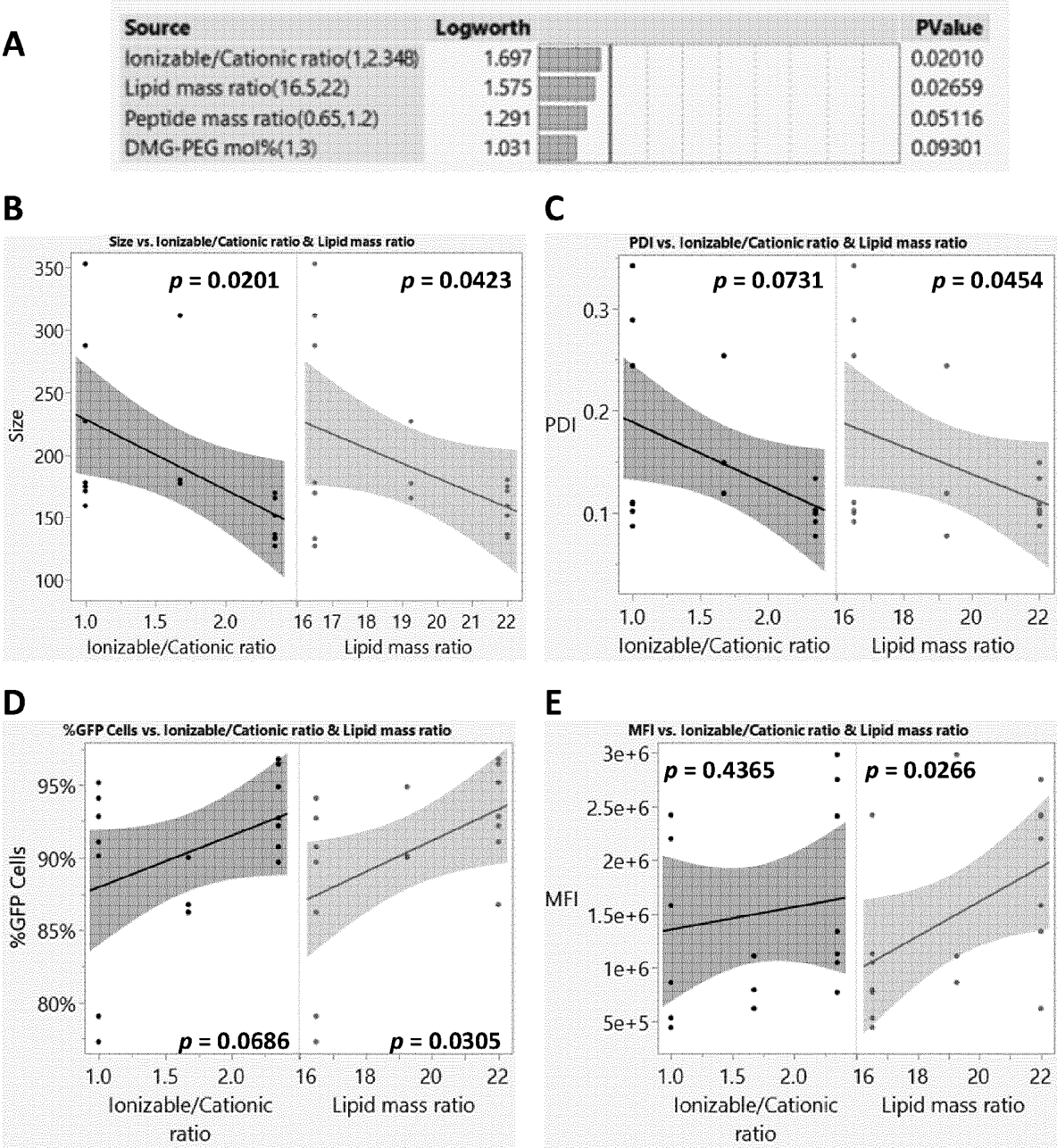


A

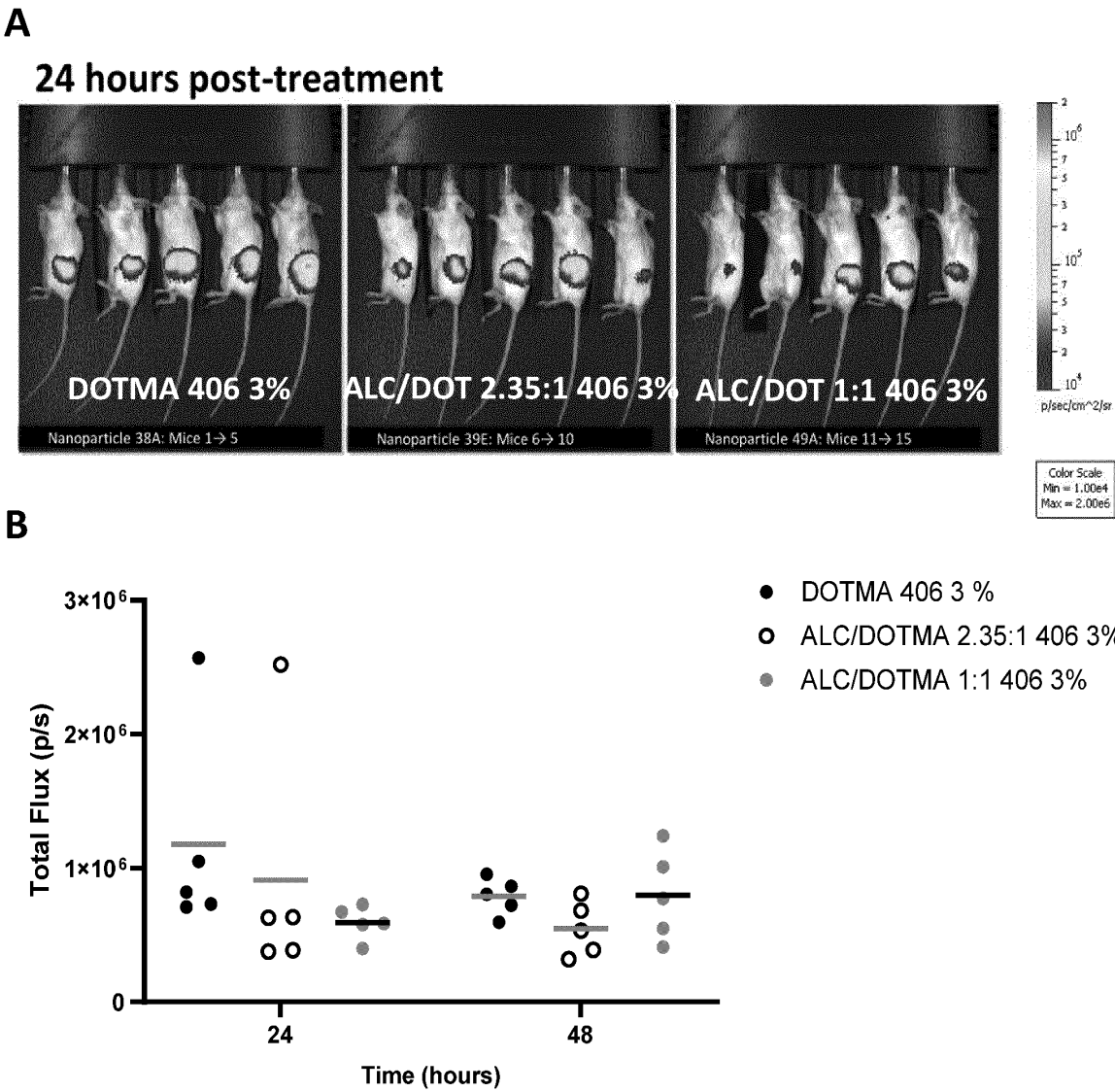
Name	D:L:P mass ratio	Molar Percentage (%)				
		ALC-0315	DOTMA	Cholesterol	Phospholipid	PEG-lipid
ALC 102 3%	1:22:0.1	48.9	0	40	8.1	3
ALC 406 3%	1:22:0.1	58	0	10	40	3
ALC/DOT 1:1 406 3%	1:22:0.1	24.4	24.4	40	8.1	3
Commercial LNP	1:24.8:0	46.3	0	42.7	9.4	1.6



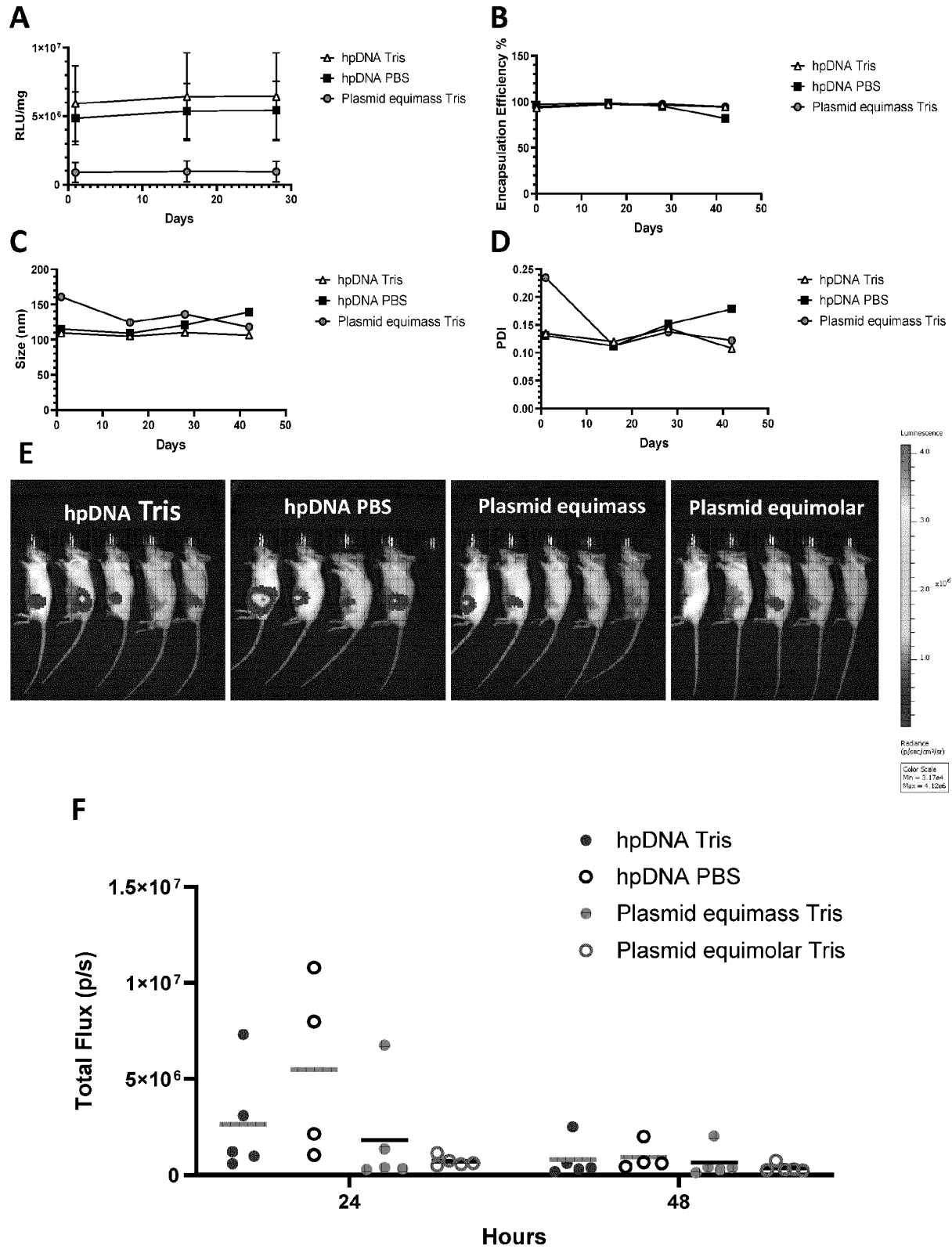
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Fig. 14

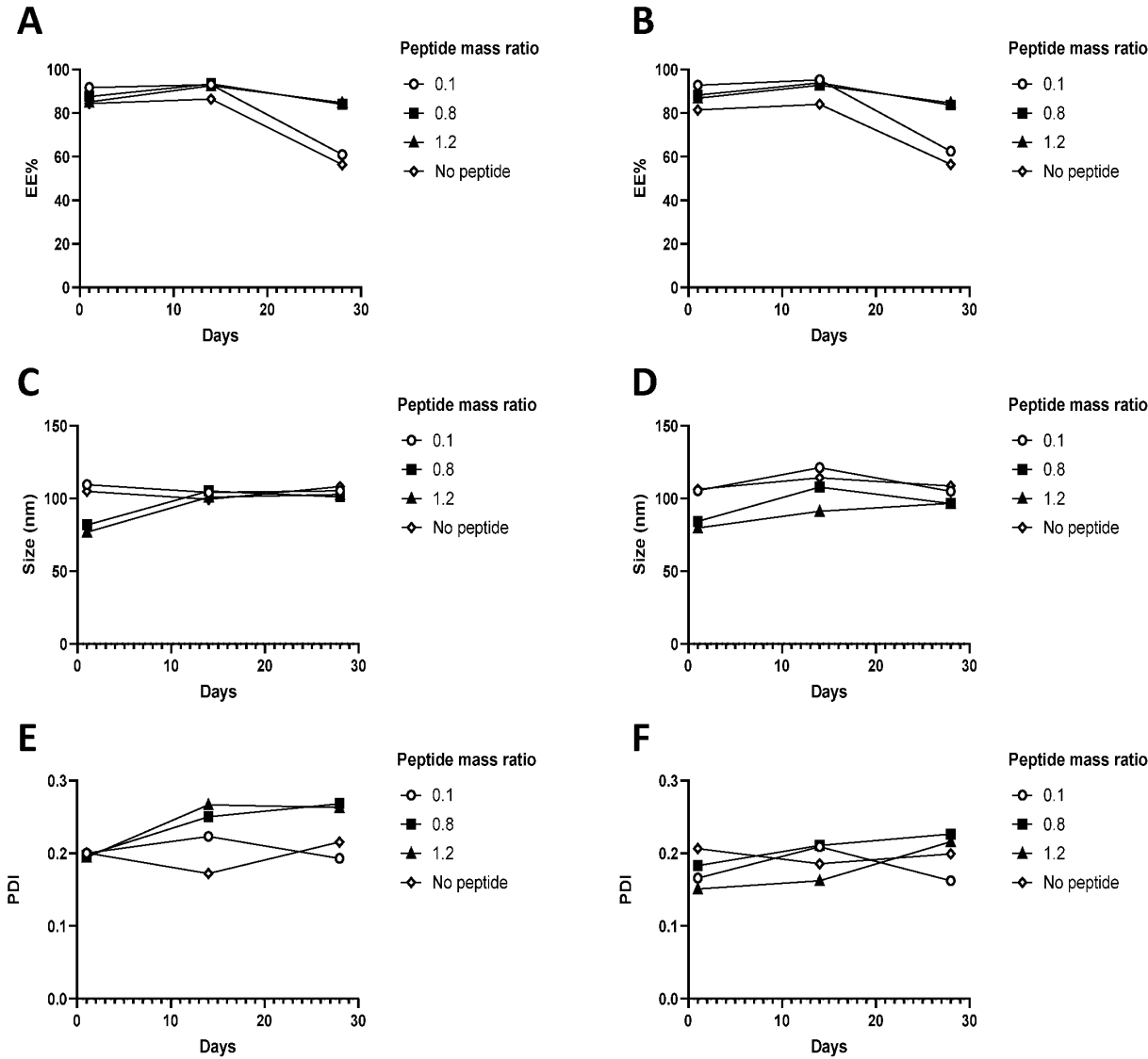


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Fig. 15



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Fig. 16

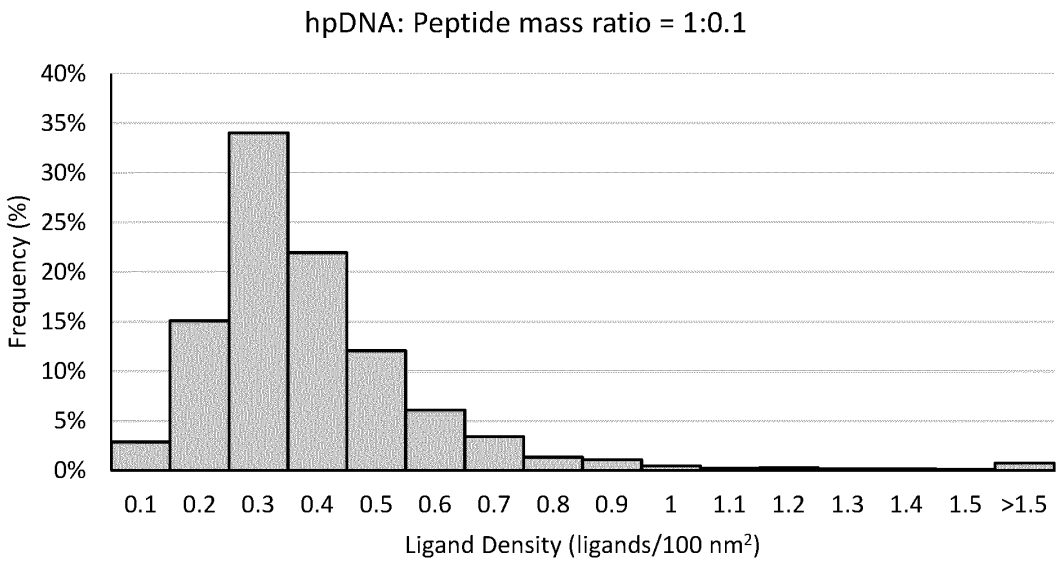




A

hpDNA: Peptide mass ratio	Mean size (nm)	Median number peptides per nanoparticle	Median peptide density (peptides/100 nm ²)
1:0.1	77.99	47.41	0.292
1:0.8	73.39	105.67	0.734

B



C

