

Fig. 1

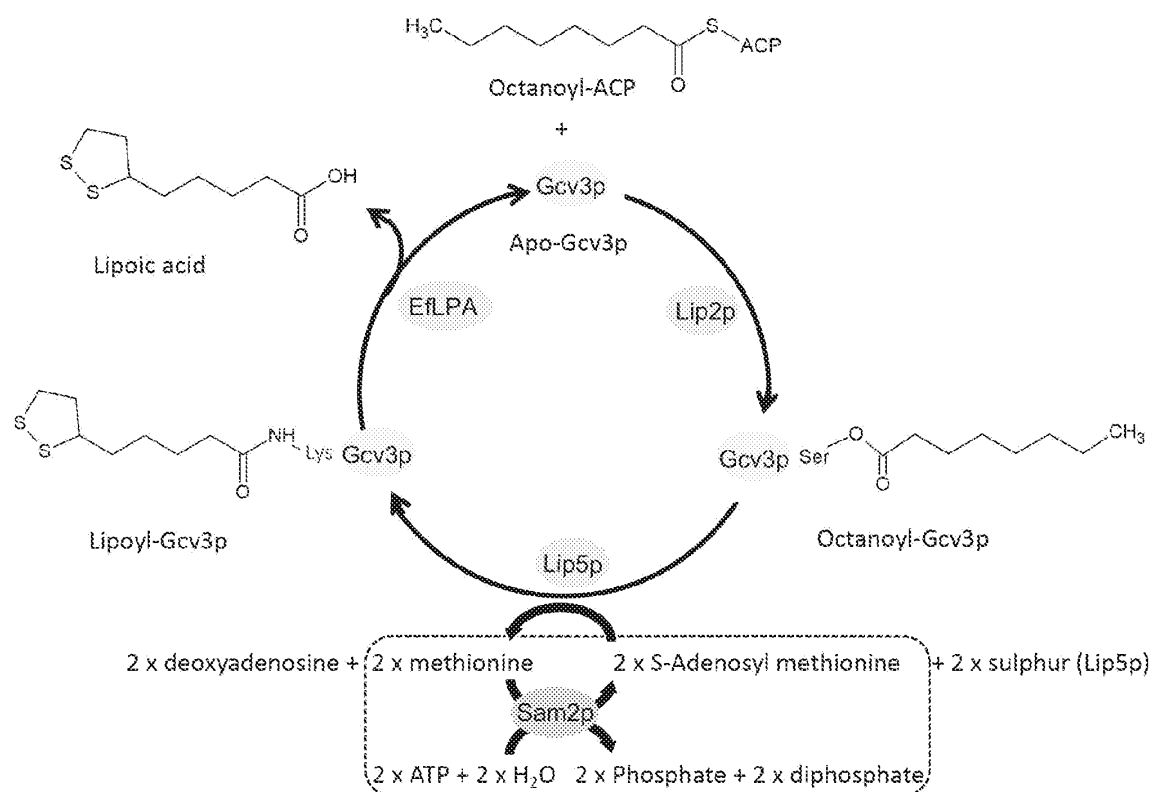


Fig. 2

A ¹⁰⁰SVKSASE¹⁰⁶ SEQ ID NO: 40

#	b	b-H ₂ O	b-NH ₃	b(2+)	Seq	y	y-H ₂ O	y-NH ₃	y(2+)	#
1	88.04	70.03	71.01	44.52	S					7
2	187.11*	169.10	170.08	94.05	V	808.36	790.35	791.33	404.68	6
3	503.24*	485.23*	486.21	252.12	K(+188.03)	709.29 ^Δ	691.27 ^Δ	692.28 ^Δ	355.14	5
4	590.27*	572.26*	573.24	295.63	S	393.16 ^Δ	375.15 ^Δ	376.17 ^Δ	197.08	4
5	661.31*	643.29*	644.28	331.15	A	306.13 ^Δ	288.12	289.14 ^Δ	153.56	3
6	748.33*	730.32*	731.31	374.67	S	235.09 ^Δ	217.08 ^Δ	218.07	118.05	2
7					E	148.06 ^Δ	130.05	131.03	74.53	1

B ¹¹²TDKIDIE¹¹⁸ SEQ ID NO: 41

#	b	b-H ₂ O	b-NH ₃	b(2+)	Seq	y	y-H ₂ O	y-NH ₃	y(2+)	#
1	102.06	84.08*	85.03	51.53	T					7
2	217.08*	199.07	200.06	109.04	D	920.41	902.40	903.38	460.71	6
3	533.21*	515.19*	516.18	267.11	K(+188.03)	805.37 ^Δ	787.37	788.36	403.19	5
4	646.29*	628.28*	629.27	323.65	I	489.26	471.24	472.23	245.13	4
5	761.32*	743.31*	744.29	381.16	D	376.17 ^Δ	358.16	359.14	188.59	3
6	874.40*	856.39*	857.40*	437.70	I	261.14 ^Δ	243.13	244.12	131.07	2
7					E	148.06 ^Δ	130.05	131.03	74.53	1

C ⁷³TDKAQMDFE⁸¹ SEQ ID NO: 42

#	b	b-H ₂ O	b-NH ₃	b(2+)	Seq	y	y-H ₂ O	y-NH ₃	y(2+)	#
1	102.05*	84.04*	85.03	51.53	T					9
2	217.08*	199.07	200.10*	109.04	D	1171.45	1153.44	1154.42	586.23 ^Δ	8
3	533.21*	515.20*	516.23*	267.11	K(+188.03)	1056.42	1038.41	1039.39	528.71	7
4	604.25*	586.23*	587.22	302.62	A	740.29	722.28	723.26	370.65	6
5	732.30*	714.29*	715.28*	366.66*	Q	669.28 ^Δ	651.24	652.23	335.13	5
6	863.35*	845.34*	846.32	432.16*	M	541.19 ^Δ	523.18 ^Δ	524.17	271.10	4
7	978.37*	960.35*	961.36*	489.69	D	410.15 ^Δ	392.15 ^Δ	393.13	205.58	3
8	1125.44*	1107.43	1108.41	563.22	F	295.13 ^Δ	277.12 ^Δ	278.10	148.06 ^Δ	2
9					E	148.06 ^Δ	130.05 ^Δ	131.03	74.53	1

D ¹⁰⁰SVKSASE¹⁰⁶ SEQ ID NO: 43

#	b	b-H ₂ O	b-NH ₃	b(2+)	Seq	y	y-H ₂ O	y-NH ₃	y(2+)	#
1	214.14	196.13	197.12	107.57	S(+126.10)					7
2	313.21	295.20	296.24*	157.11	V	620.32	602.31	603.30	310.66	6
3	441.30*	423.29*	424.28	221.15	K	521.26	503.25	504.23	261.13	5
4	528.34*	510.33*	511.31	264.67	S	393.16 ^Δ	375.15	376.13	197.08	4
5	599.37*	581.36*	582.39*	300.19	A	306.13	288.12	289.10	153.56	3
6	686.41*	668.40*	669.40*	343.70	S	235.09 ^Δ	217.08	218.07	118.05	2
7					E	148.06 ^Δ	130.05	131.03	74.53	1

E ¹⁰⁰SVKSASE¹⁰⁶ SEQ ID NO: 44

#	b	b-H ₂ O	b-NH ₃	b(2+)	Seq	y	y-H ₂ O	y-NH ₃	y(2+)	#
1	88.04	70.03	71.01	44.52	S					7
2	187.14*	169.10	170.08	94.05	V	746.43	728.41 ^Δ	729.40	373.71	6
3	315.20	297.19	298.18	158.10	K	647.36 ^Δ	629.35 ^Δ	630.35 ^Δ	324.18	5
4	528.34*	510.33*	511.31	264.67	S(+126.10)	519.27	501.26	502.24	260.13	4
5	599.37*	581.36*	582.37*	300.19	A	306.13	288.12 ^Δ	289.10	153.56	3
6	686.41*	668.40*	669.41*	343.70	S	235.09 ^Δ	217.08	218.07	118.05	2
7					E	148.06 ^Δ	130.05	131.03	74.53	1

Fig. 3

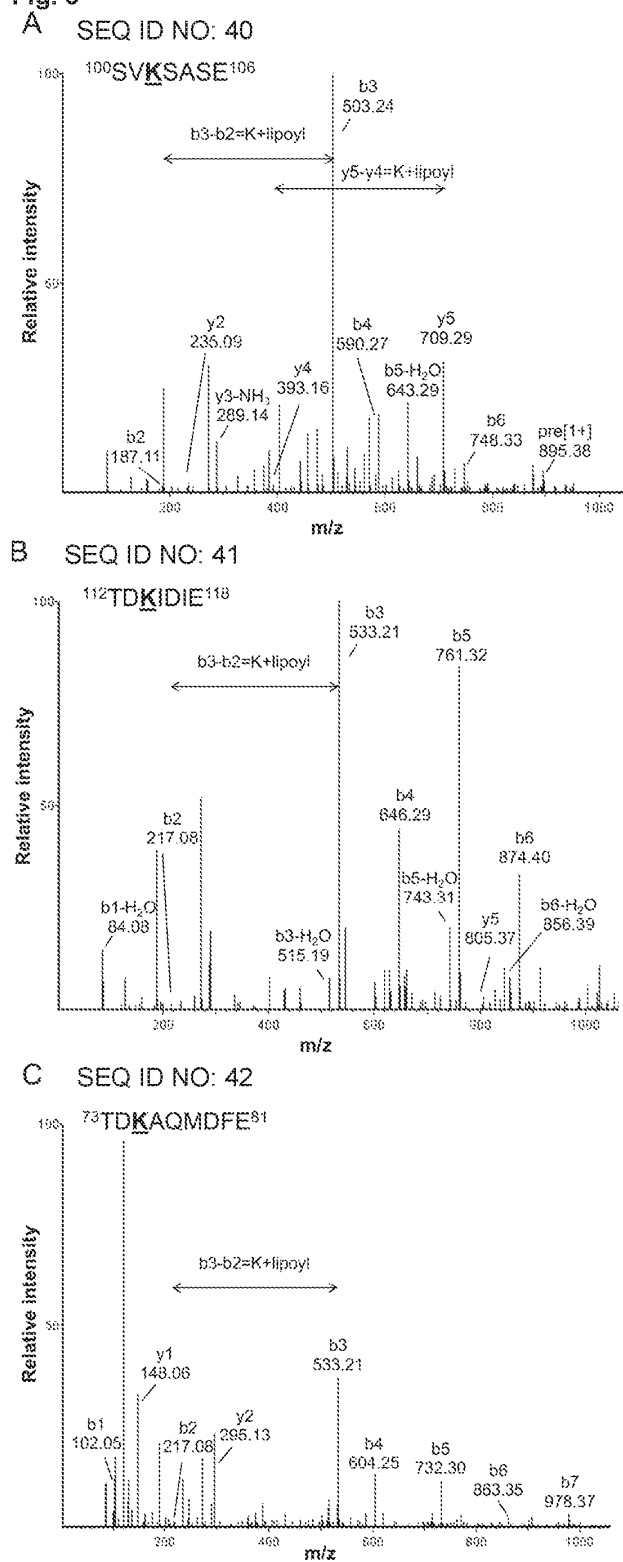


Fig. 3 (continued)

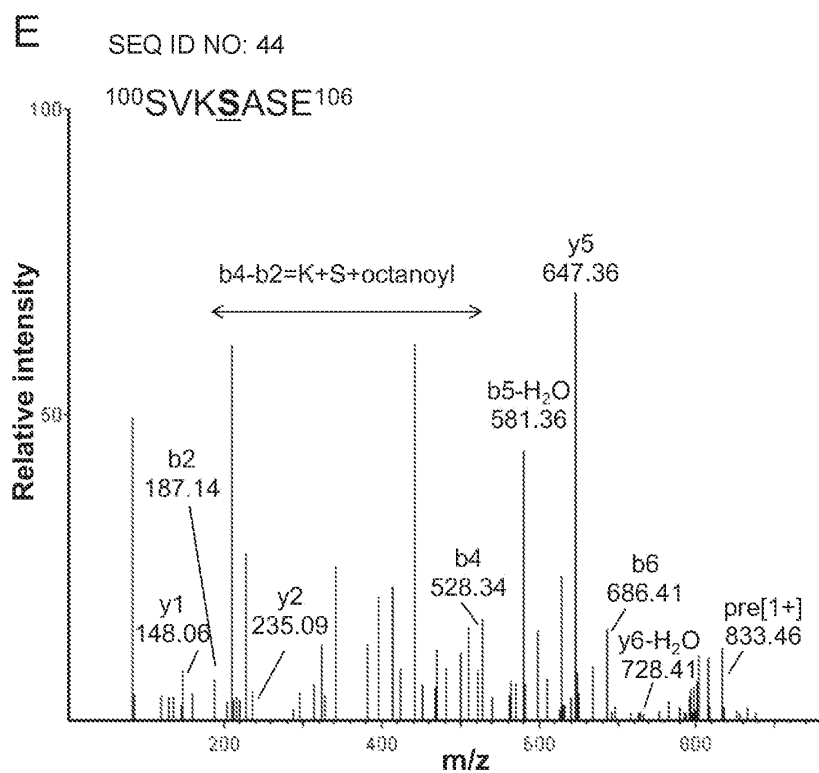
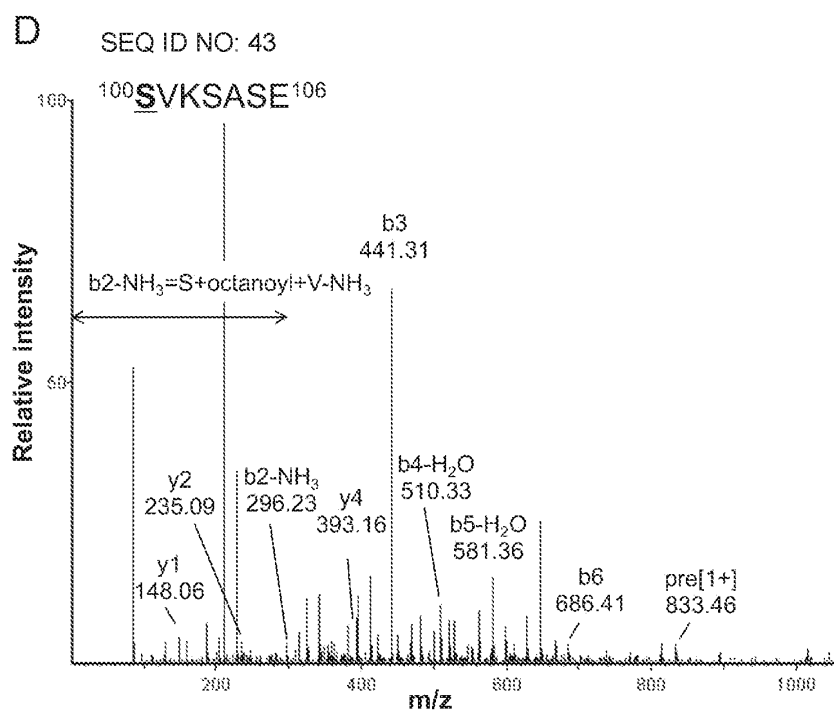


Fig. 4

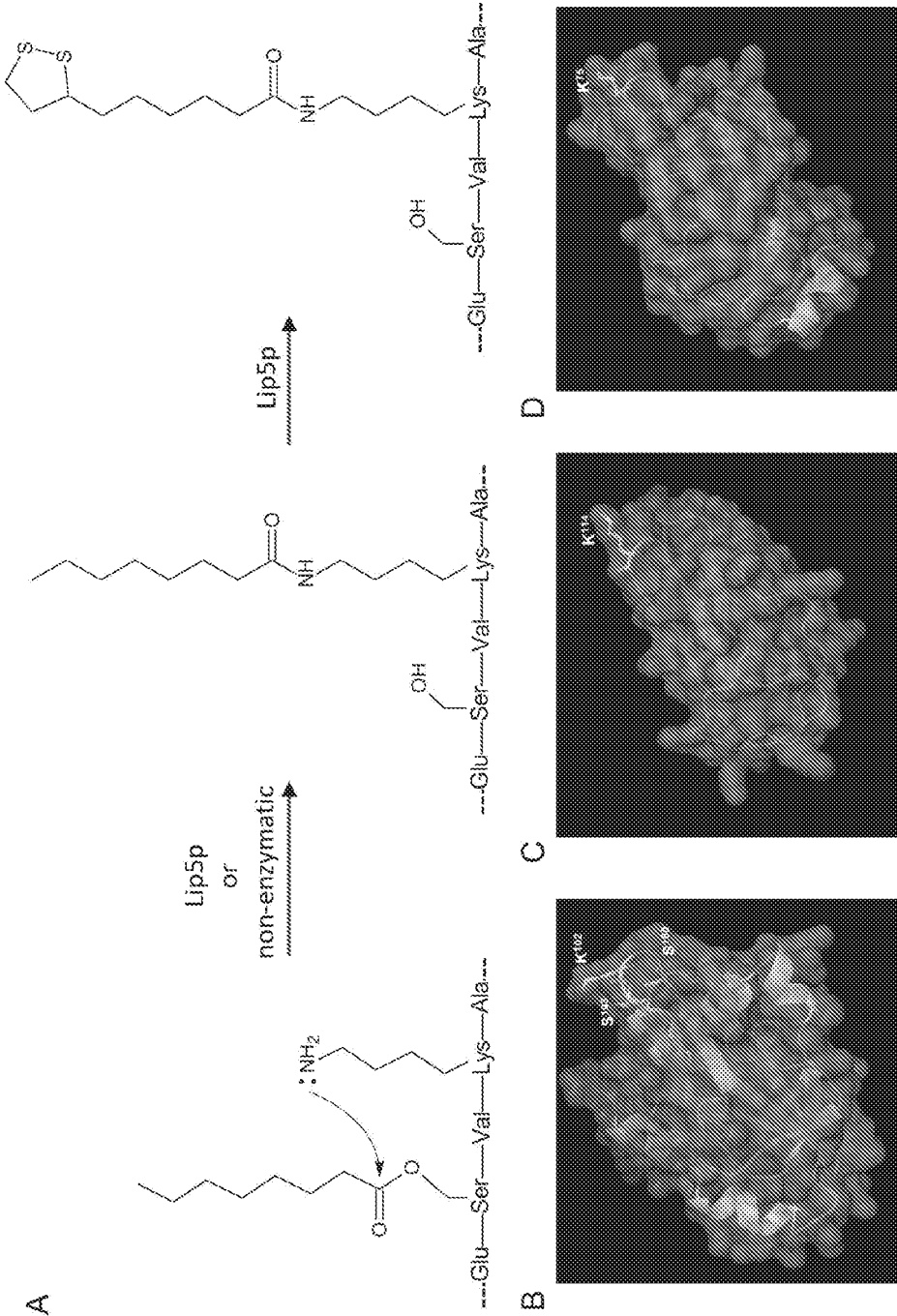


Fig. 5

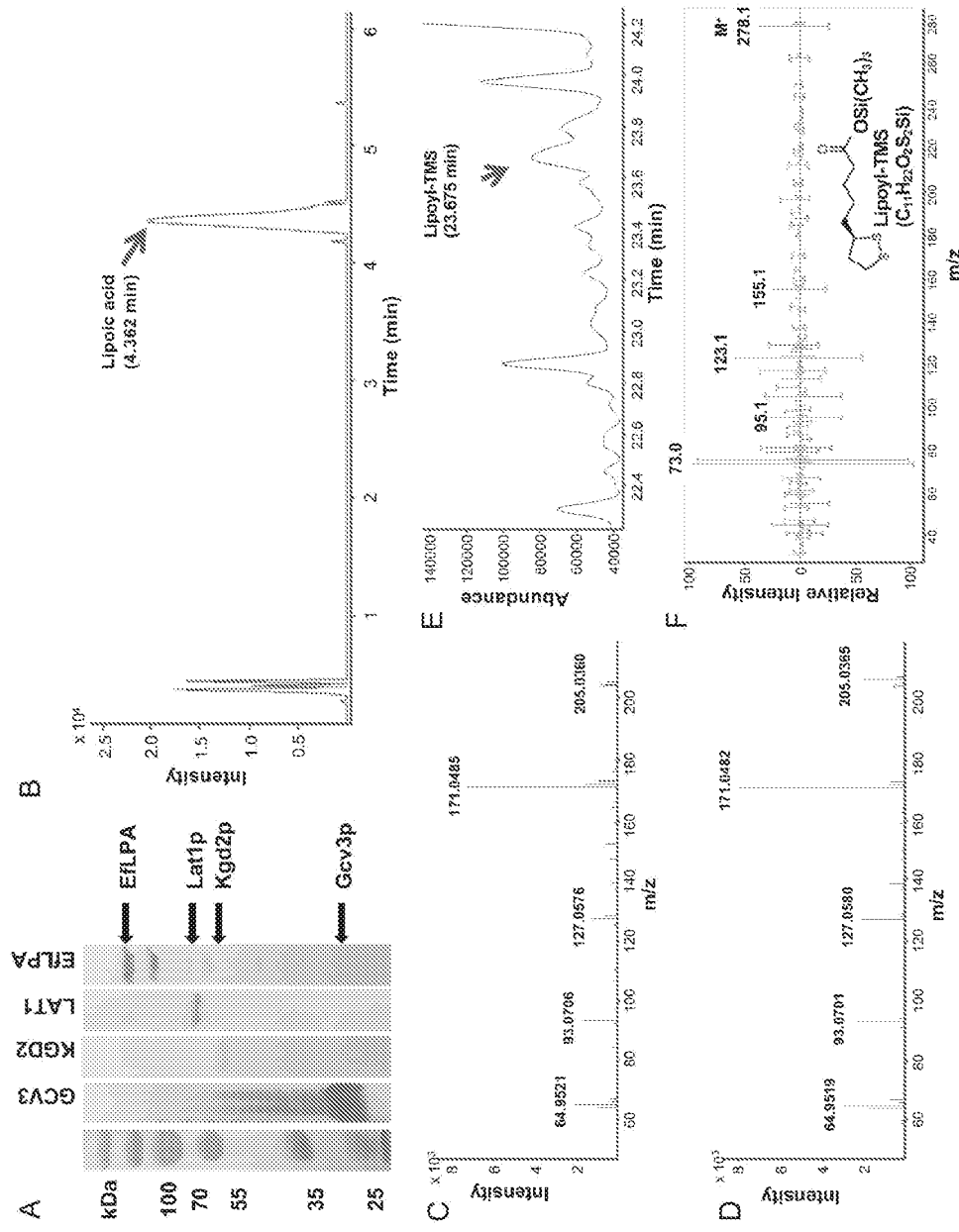


Fig. 6

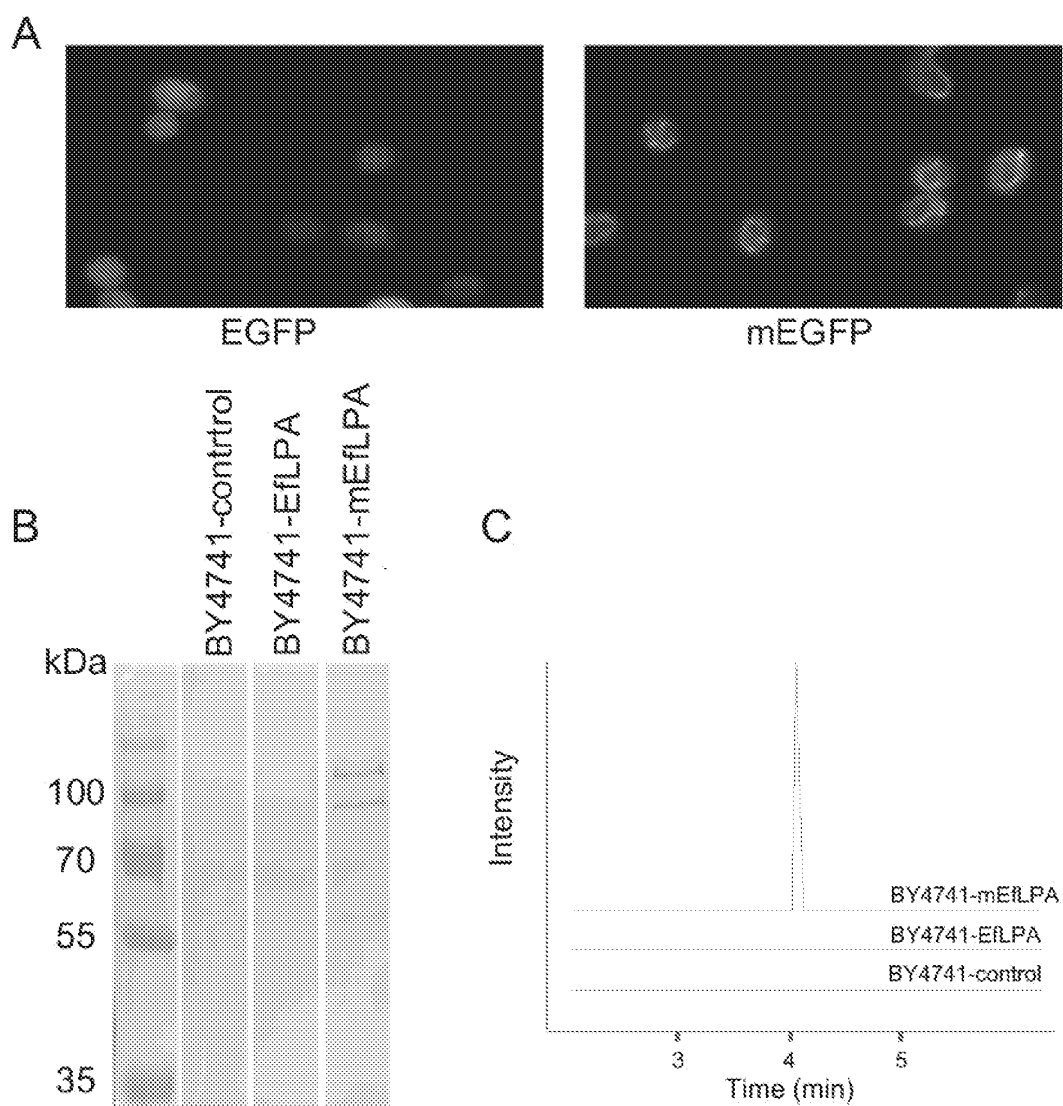


Fig. 7

