

Supporting Information

Impact of Mutational Status on Intracellular Effects of Cell-Permeable CaaX Peptides in Pancreatic Cancer Cells

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Table of contents

Peptides synthesized within this work	2
LC-MS analysis of the synthesized unlabeled peptides	3
LC-MS analysis of the synthesized CF-labeled peptides.....	4

Table S1: Peptides used within this work.

Peptide	Sequence	MW _{calc} [Da]	MW _{exp} [Da]	Net charge	Purity [%]
CaaX-1	GLRKRLRKFRNK-SKTK- C VIM-OH	2463.08	2463.84	+9	>99
SaaX-1	GLRKRLRKFRNK-SKTK- S VIM-OH	2447.02	2447.76	+9	>99
CaaX-2	GLRKRLRKFRNK-GCMSCK- C VLS-OH	2584.22	2585.01	+8	>99
SaaX-2	GLRKRLRKFRNK-GCMSCK- S VLS-OH	2568.15	2568.96	+8	>97
CaaX-3	GLRKRLRKFRNK-GCMSCK- C VGS-OH	2528.11	2528.84	+8	>97
sC18*	GLRKRLRKFRNK-NH ₂	1571.92	1571.45	+8	>98
CF-CaaX-1	CF-GLRKRLRKFRNK-SKTK- C VIM-OH	2821.40	2822.44	+8	>98
CF-SaaX-1	CF-GLRKRLRKFRNK-SKTK- S VIM-OH	2805.34	2806.21	+8	>98
CF-CaaX-2	CF-GLRKRLRKFRNK-GCMSCK- C VLS-OH	2942.54	2943.37	+7	>99
CF-SaaX-2	CF-GLRKRLRKFRNK-GCMSCK- S VLS-OH	2926.47	2927.54	+7	>98
CF-CaaX-3	CF-GLRKRLRKFRNK-GCMSCK- C VGS-OH	2886.43	2887.17	+7	>98
CF-sC18*	CF-GLRKRLRKFRNK-NH ₂	1929.26	1929.76	+7	>99

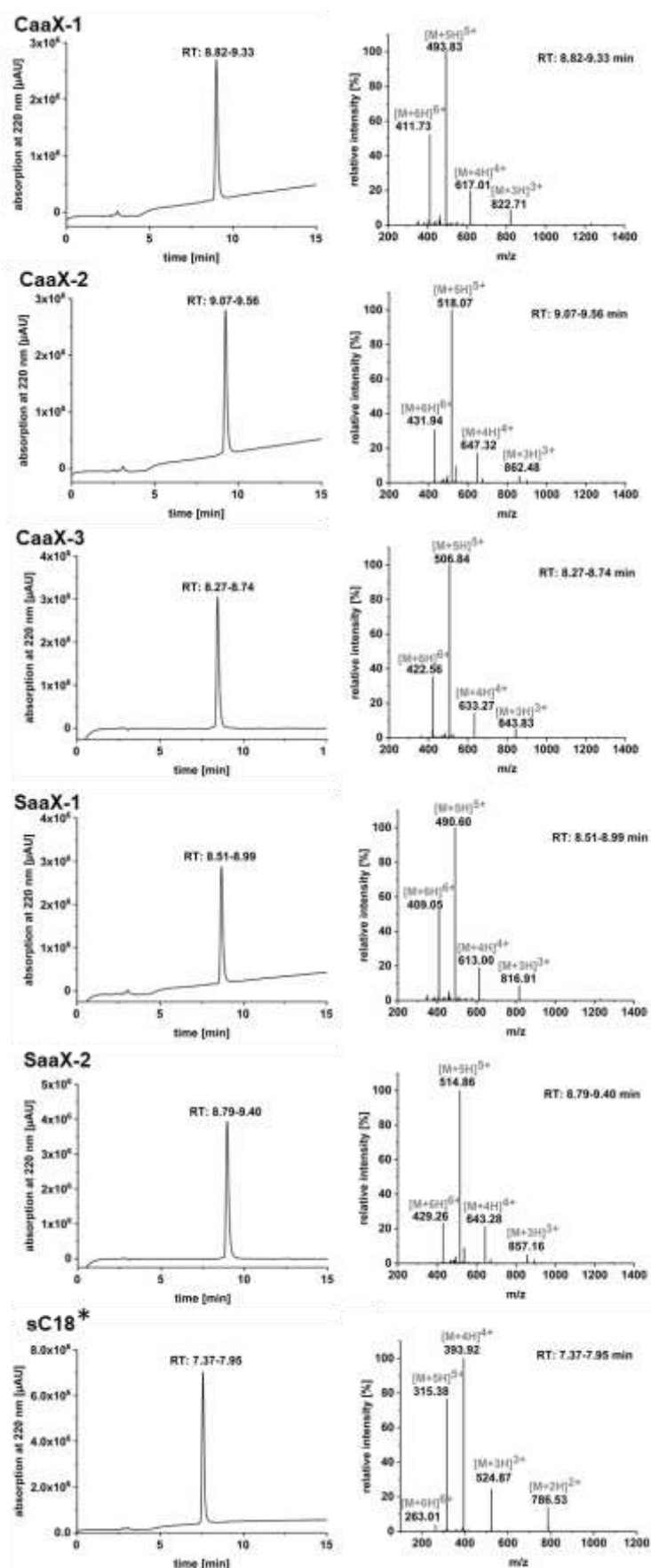


Figure S1: LC-MS analysis of cell-permeable CaaX- and control peptides using a gradient of 10-60 % ACN in water and 0.1 % TFA in 15 min.

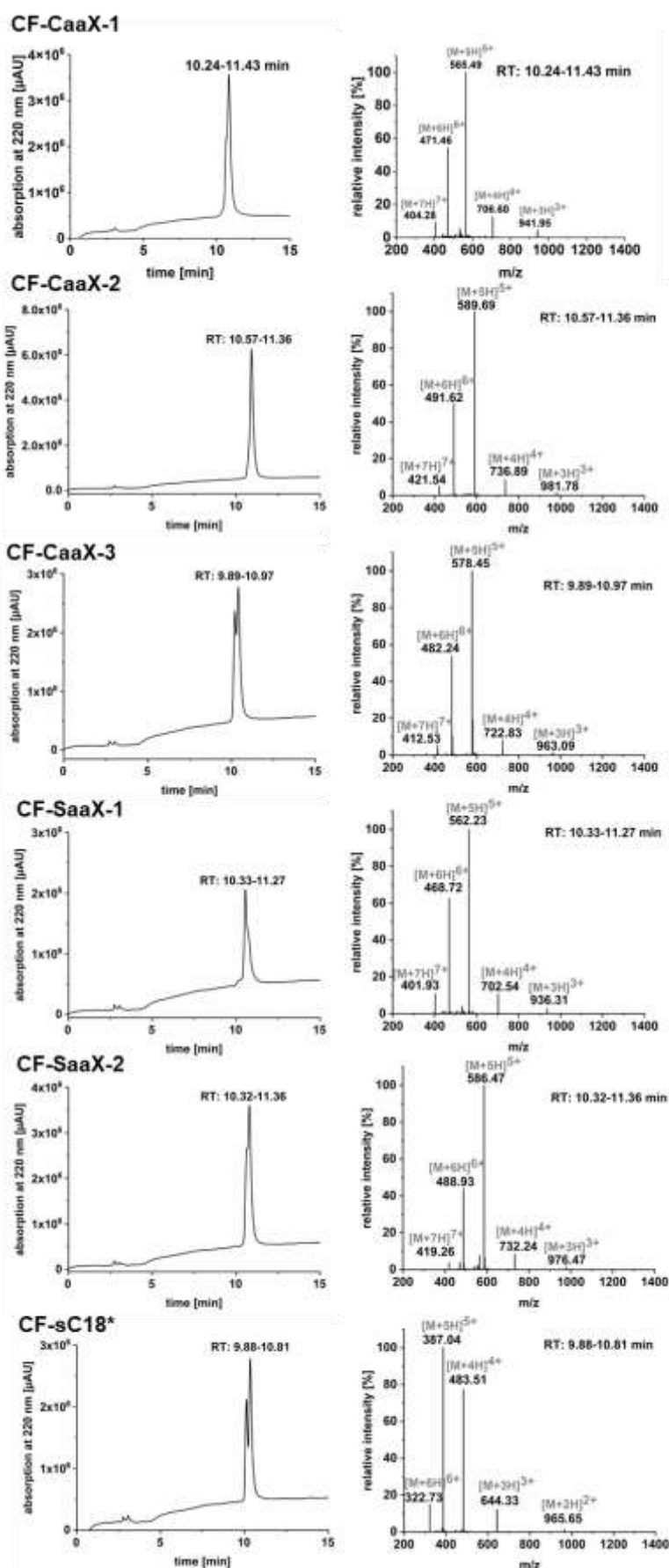


Figure S2: LC-MS analysis of CF-labeled cell-permeable CaaX- and control peptides using a gradient of 10-60 % ACN in water and 0.1 % TFA in 15 min.