

Autocitrullination and changes in the activity of peptidylarginine deiminase 3 induced by high Ca²⁺ concentrations

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Supporting Information

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Supporting Information

Table S1. Quantification of the citrulline concentration based on the bands observed in western blotting showing CaCl₂ concentration dependency

CaCl₂ (mM)	0	0.5	1	2	4
Band concentrations* (AMC)	10	10	11	53	60

Supporting Information

Table S2. Quantification of the citrulline concentration based on the bands observed in western blotting showing CaCl₂ incubation time dependency.

Time (min)	0	5	10	20	30	60	120	180	240
AMC	6	7	9	14	15	23	27	26	33
Anti-PAD3	232	235	237	229	222	227	227	225	213

AMC, anti-modified citrulline; PAD3, peptidylarginine deiminase 3.

Supporting Information

Table S3. Protein sequence coverage detected using liquid chromatography-mass spectrometry/mass spectrometry

Sample #	Protein sequence coverage (%)	Sample #	Protein sequence coverage (%)
(1)	60	(8)	28
(2)	50	(9)	28
(3)	54	(10)	30
(4)	59	(11)	44
(5)	29	(12)	42
(6)	29	(13)	45
(7)	27	(14)	43