

Table S1

Residue	Trimeric collagen peptide			
	(-)		(+)	
Trp	ϵ -N (ppm)	ϵ -NH	ϵ -N (ppm)	ϵ -NH
115	123.3	8.6	123.4	8.6
163	131.1	9.9	131.1	9.9
197	129.0	10.5	129.1	10.5
280	131.2	11.6	131.1	11.4
346	121.2	8.2	121.2	8.2
His	α -N (ppm)	α -NH	α -N (ppm)	α -NH
43	114.6	8.3	114.7	8.3
95	116.0	7.8	116.1	7.8
140	n.d. ^b	n.d.	n.d.	n.d.
145	121.2	7.7	121.0	7.7
196	n.d.	n.d.	n.d.	n.d.
202	122.9	9.6	n.d.	n.d.
203	n.d.	n.d.	n.d.	n.d.
225	118.9	7.6	n.d.	n.d.
249	n.d.	n.d.	n.d.	n.d.
261	116.9	8.1	116.7	8.2
302	n.d.	n.d.	n.d.	n.d.
307	118.6	6.7	118.5	6.7
340	125.4	8.7	125.4	8.7
373	114.1	7.1	114.4	7.1

^bnot detectable.