

Supplementary material:

Table1: solvent accessible surface area (SASA). SASA of ω -loop (residue 1 to 11 of GLA domain) has been evaluated in the presence and in the absence of Ca²⁺.

Number	Residue	SASA- Ca	SASA+ Ca
1	ALA	59.47	37.14
2	GLY	51.82	49.39
3	SER	93.87	93.41
4	TYR	176.50	167.85
5	LEU	36.39	149.10
6	LEU	76.77	156.18
7	GLA	117	79.95
8	GLA	156.39	53.61
9	LEU	142.56	133.26
10	PHE	125.77	154.40
11	GLA	164.66	142.75