

SUPPLEMENTARY MATERIALS

Table S1. Remaining activity (%) of *A. platensis* lysate in the presence of different concentrations of metal ions with 2% (w/v) azocasein/azogelatin substrate at pH 6.5 and pH 9.0. The data represent the mean \pm standard deviation (N=3). 100% is defined as proteolytic activity in the absence of metal ions.

Remaining Activity (%) – Azocasein				
	pH 6.5		pH 9	
	2 mM	5 mM	2 mM	5 mM
	CuSO₄	5.1 \pm 0.48	2.42 \pm 0.44	10.28 \pm 0.02
CoCl₂	55.03 \pm 1.4	90.16 \pm 0.44	72.73 \pm 0.8	96.07 \pm 0.75
C₄H₆FeO₄	60.89 \pm 5.35	38.04 \pm 7.19	55.90 \pm 0.44	58.57 \pm 1.23
MnCl₂	96.35 \pm 1.56	89.21 \pm 2.15	72.13 \pm 0.36	86.99 \pm 5.1
MgSO₄	110.93 \pm 0.64	117.98 \pm 0.93	107.83 \pm 1.39	119.86 \pm 1.1
ZnCl₂	10.08 \pm 4.55	2.61 \pm 0.12	17.35 \pm 0.88	10.69 \pm 1.47
CaCl₂	104.33 \pm 6.61	121.49 \pm 2.4	100.79 \pm 2.1	113.05 \pm 4.86

Remaining Activity (%) – Azogelatin				
	pH 6.5		pH 9	
	2 mM	5 mM	2 mM	5 mM
	CuSO₄	40.00 \pm 0.25	27.76 \pm 1.65	37.55 \pm 1.34
CoCl₂	95.75 \pm 0.67	79.81 \pm 1.48	70.2 \pm 4.19	92.85 \pm 1.71
C₄H₆FeO₄	59.17 \pm 1.79	47.65 \pm 4.46	71.42 \pm 2.39	69.94 \pm 1.59
MnCl₂	83.55 \pm 0.75	83.55 \pm 0.75	95.49 \pm 2.27	87.97 \pm 5.69
MgSO₄	107.07 \pm 0.56	105.75 \pm 1.47	108.74 \pm 2.08	96.99 \pm 1.57
ZnCl₂	89.67 \pm 1.57	59.38 \pm 1.05	64.03 \pm 3.06	45.77 \pm 0.75
CaCl₂	98.09 \pm 1.34	92.7 \pm 1.72	99.73 \pm 2.15	99.73 \pm 2.15