

## Supplementary material

**Table S1.** A representative selection of HEWL structures from the PDB, at different pH values, with the overall mean and standard deviation of the B factors calculated as shown.

Pdb Code	B factor	Temperature data collected at	pH used
3GXR	21	100	6.5
3AB6	17	100	5.5
3RU5	15	100	4.0
2YDG	12	100	4.7
3RNX	21	100	3.8
3A8Z	15	100	4.5
2W1Y	17	100	4.2
2W1X	16	100	4.2
2W1M	23	100	4.2
2W1L	15	100	4.2
Mean/ standard deviation	17.2 +/- 3.42		