

TABLE II

Specific inhibition of X-βgal degradation by dipeptides

The effect of specific dipeptides on the degradation of X-βgal test proteins was measured as described in the legend to Fig. 6.

Residue X in X-βgal	Degradation of X-βgal (% of control) in the presence of a dipeptide		
	His-Ala	Trp-Ala	Ser-Ala
	2 mM	2 mM	5 mM
Arg	20	76	95
Lys	9	70	81
His	12	67	51
Asp	15	90	110
Glu	12	78	98
Cys	24	87	111
Asn	16	77	72
Gln	12	75	83
Phe	160	6	82
Leu	151	27	97
Trp	132	8	83
Tyr	127	11	74
Ala	85	64	16
Ser	84	92	26
Thr	80	71	17