

# ERRATUM

## Modes of Action of Five Different Endopectate Lyases from *Erwinia chrysanthemi* 3937

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Volume 181, no. 12, p. 3705–3709, 1999. Page 3708: Table 2 should appear as shown below.

TABLE 2. Bond cleavage frequencies and specific activities of the *E. chrysanthemi* 3937 endopectate lyases PelA, PelI, PelL, PelD, and PelB acting on oligogalacturonates of defined lengths<sup>a</sup>

Enzyme	<i>n</i> <sup>b</sup>	Oligogalacturonate <sup>c</sup>	Activity (U · mg <sup>-1</sup> )
PelA	3	<b>G</b> — G — <b>G</b>	0.6
		100	
	4	G — G — <b>G</b> — <b>G</b>	17
		100	
	5	G — G — <b>G</b> — <b>G</b> — <b>G</b>	12
		23 77	
	6	G — G — <b>G</b> — <b>G</b> — <b>G</b> — <b>G</b>	15
		33 6 61	
7	G — G — <b>G</b> — <b>G</b> — <b>G</b> — <b>G</b> — <b>G</b>	23	
	70 9 2 19		
8	<b>G</b> — G — <b>G</b> — <b>G</b> — <b>G</b> — <b>G</b> — <b>G</b>	25	
	62 19 6 2 11		
PelI	3	<b>G</b> — <b>G</b> — <b>G</b>	0.6
		100	
	4	G — G — <b>G</b> — <b>G</b>	11
		62 38	
	5	G — G — <b>G</b> — <b>G</b> — <b>G</b>	87
		43 22 34	
	6	G — G — <b>G</b> — <b>G</b> — <b>G</b> — <b>G</b>	252
		74 23 3	
7	G — G — <b>G</b> — <b>G</b> — <b>G</b> — <b>G</b> — <b>G</b>	504	
	4 91 5		
8	<b>G</b> — G — <b>G</b> — <b>G</b> — <b>G</b> — <b>G</b> — <b>G</b> — <b>G</b>	630	
	2 33 61 4		
PelL	3	<b>G</b> — <b>G</b> — <b>G</b>	0
	4	G — G — <b>G</b> — <b>G</b>	0.02
		100	
	5	G — G — <b>G</b> — <b>G</b> — <b>G</b>	0.22
		28 72	
	6	G — G — <b>G</b> — <b>G</b> — <b>G</b> — <b>G</b>	2.2
		64 34 2	
	7	G — G — <b>G</b> — <b>G</b> — <b>G</b> — <b>G</b> — <b>G</b>	3.5
	4 91 5		
8	<b>G</b> — G — <b>G</b> — <b>G</b> — <b>G</b> — <b>G</b> — <b>G</b> — <b>G</b>	3	
	3 38 57 2		
PelD	3	<b>G</b> — <b>G</b> — <b>G</b>	13
		100	
	4	G — G — <b>G</b> — <b>G</b>	418
		100	
	5	G — G — <b>G</b> — <b>G</b> — <b>G</b>	310
		8 92	
	6	G — G — <b>G</b> — <b>G</b> — <b>G</b> — <b>G</b>	268
		3 3 94	
7	G — G — <b>G</b> — <b>G</b> — <b>G</b> — <b>G</b> — <b>G</b>	250	
	4 7 16 73		
8	<b>G</b> — G — <b>G</b> — <b>G</b> — <b>G</b> — <b>G</b> — <b>G</b> — <b>G</b>	222	
	1 14 10 75		
PelB	3	<b>G</b> — <b>G</b> — <b>G</b>	40
		100	
	4	G — G — <b>G</b> — <b>G</b>	2,400
		43 57	
	5	G — G — <b>G</b> — <b>G</b> — <b>G</b>	3,660
		69 31	
	6	G — G — <b>G</b> — <b>G</b> — <b>G</b> — <b>G</b>	4,070
		10 52 38	
7	G — G — <b>G</b> — <b>G</b> — <b>G</b> — <b>G</b> — <b>G</b>	3,780	
	2 6 62 30		
8	<b>G</b> — G — <b>G</b> — <b>G</b> — <b>G</b> — <b>G</b> — <b>G</b> — <b>G</b>	3,160	
	11 67 22		

<sup>a</sup> Conditions of this experiment included the following: 0.5 mM oligogalacturonate (*n* = 3 to 8), 1 mM CaCl<sub>2</sub>, and 20 mM Tris-HCl (pH 8.0) (for PelA, PelD, and PelL) or 20 mM amino-methyl-propanol-HCl (pH 9.0) (for PelB and PelI) at 37°C. Product analysis was done as described in Materials and Methods.

<sup>b</sup> *n*, degree of polymerization.

<sup>c</sup> Bond cleavage frequencies are given in percentages. The reducing ends of the oligogalacturonates are printed in bold type.