Erratum

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Genomic organization of a cellulase gene family in *Phanerochaete chrysosporium*Sarah F. Covert¹*, Jennifer Bolduc², and Dan Cullen²¹ Department of Bacteriology, University of Wisconsin-Madison, Madison, WI 53706, USA² Institute for Microbial and Biochemical Technology, Forest Products Laboratory, Forest Service, U.S. Department of Agriculture, Madison, WI 53705-2398, USA

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On page 409 of the paper starting on page 407 of Volume 22 there were unfortunately several errors in Fig. 2 of the following article. The figure is reprinted below.

GATCACACCCTGGGGTACGTTGATGAGCTTGGCATCAGGAGCCTTCGTC	50	ctcatctcgcgcttcccgtagCGAACGTCGAGGGCTGGAACGCCACCAG	800
TATTCCTCCTTCGGGCGCGTGGGGCAGACGTTCTCATATTCTCGAAG	100	A N V E G W N A T S	
CCTCTTTCAACGACGCTCAGCAGCTTTGCTGGCTTGGCGCGCAGAGCC	150	CGCGAACCGGGTACTGGTAACCTACGGCACCTGCTGCAGCGAGATGGATA	850
GTCTCTCACTGTCAGGTTTACCCGCAAGAACGAGCTGCGCGCTGCGCCT	200	A N A G T G N Y G T C C S E M D I	
CGTCGGCAGCCTGCACGAGGCGAGCAGGTCATGAGCACCGCTGGATAAAC	250	TCTGGGAGCGGAACAACGATGCTGCTGCTTCACTCCCCACCCCTGCACC	900
ATTCCATTGGAGTACGAAGCTGCGCGCGCGCGCTCGAAATTGTCGGGGC	300	W E A N N D A A A F T P H P C T	
AAGTACTCGGTGACGCGCGTGAATTTGTCGCTTGGCTCATGGGACAC	350	ACCGATGGCCAGACTCGCTGCTCCGGTGACGACTGTGCCGTGACACGGG	950
CTTCATCGCGACGCGGAGACACAGAGTAAAGCGGTGATGGTGAACAGAC	400	T D G Q T R C S G D D C A R D T G	
CGCTTCAGGGAGTGAGTATAAAGGCTGCATCCACAGCGCTGCTAATGACC	450	TCTCTGCGACGCGCAGCGTTGCGACTTCAACTCCTTCCGTCTCGGCAACA	1000
AGGTGCTCCAAAGCATCCTTCAAGGTTACCCGCTCTACTGTACGCACT	500	L C D A D G C D F N S F R L G N T	
TCTACTCAGAGTTGGAATCTAGAACTGACGACTTGCCTTGAGTTGTCCC	550	CGAGTTCCTCGGAAGGGCATGACCTGACACGACGAAAGCCCTTCACC	1050
CATGTTCCGCGCGCGCGCACTCTCGCTTTCATTTGCTCGCCATGGTGT	600	T F L G K G M T V D T S K P F T	
M F R A A A L L A F T C L A M V S		GTGTCACGCGAGTTCTCTGACGAACGACAATACCTCGACGGGCGGCTCAG	1100
CTGGCCAAACAGGCTGGCACCACAGCGCGGAGAACCCCCAGCTCCAG	650	V V T Q F L T N D N T S T G T L S	
G Q Q A G T N T A E N H P Q L Q		CGAGATC 1107	
TGCGCAGCTGCACGACGAGCGCGGCTGCAAGCCGTTGAGCAGGAAGT	700	E I	
S Q Q C T T S G G C K P L S T K V		GCTGGAGGATGTGAGTCGGTGAAGGACAGCTCCACCGCCTCCACCAG	50
CGTCCTCGACTCGAAGTGGCGTGGGTCCACGACCTCGGGCTACACCA	750	CGATCCAGCTCTACGTGAGTCGGACTTCTCTGAACGGAGCAGAACTGCG	100
V L D S N W R W V H S T S G Y T N		AGGAAGTACGCGCTCGCGACAGACACAAAGCCCTCACTCGGGTCTCCCA	150
ACTGCTACCGGCAACGAGTGGAC.....(231).....TGCGGT	800	GGTCAACAAACGGTCACCGGTCAAAACTTCACTGGTGAGTCCGCCATTG	200
C Y T G N E W D C G L		TGCTATGGCTGTGCGTGCAGCTGCGGCTAACCGAGTTGGACGCACTGGC	250
TCAACGCGCGCTCTACCTCTCCGCGATGGACGCGCAGCGTGGCATGTG	850	AGACGGTGAACAAATGTTCCGCAAGGTGCGCACTCATCGCATTCAGCTG	300
N G A L Y L S A M D A D G M S		M F R K V A L I A F T L	
AAGTACCCCGAAACAGGCTGGTGCAAGTACGGAAGTGGTTACTGCGA	900	GCCGCCATGGCGCTCGGCGCAGGTGCGCACGACGCGCGGAGAACCA	350
K Y P G N K A G A K Y G T G Y C D		A A M A V G Q Q V G T N T A E N H	
CTCGCGACCGGAAGGACATCAAGTTCAATTAACGGCGAGtgagctctc	950	CCGACGCTCAGCTCGCAGAAGTGCACGACCGCGGGCGGCTGCGTGAGCC	400
S Q C P K D I K F I N G E		P T L T S Q K C T T A A G G C V S Q	
actataccacgacgagaagtcagagctgacacccgttctgctagGCTAAT	1000	AGAACACGAAGATCGTGCTCGACGCCAAGTGGCGCTGGCTCCACAGACC	450
A N		N T K I V L D A N W R W L H S T	
GTCGGCAACTGGACCGAGACCGGACCAACCGGTACGGGCGAGCTACGG	1050	TCCGGCTACACCAACTGCTACACTGGCAACGAGTGGGACGCGCTCTG	500
V G N W T E T G S N T G T G S Y G		S G Y T N C Y T G N E W D A T L C	
TACCTGCTGCAGCGAGATGGACATATGGGAGGCAACACGATGCGCGT	1100	CCCCGACGGCGCAGCTGCGCGGCAACTGCGCGCTCGACGCG.....	550
T C C S E M D I W E A N N D A A A		P D G A T C A A N C A L D G	
CTTTCACTCCCCACCTTGACACCAACCGGTCAGACCGGTTGCTCTGGG	1150	(255).....GGCGCAAGTACGGCAGTGGCTACTGGCAGTCCGAGTGC	600
F T P H P C T T T G Q T R C S G		G A K Y G T G Y C D S Q C P	
GATGACTCGCGCGTAACACCGGCTTTTCCGACGGTGACGGCTGCGATT	1200	CGAAGGACATCAAGTTATCAACGGCGAGtgctgctgagcgcgatcggt	650
D D C A R N T D G L C D G D G C D F		K D I K F I N G E	
CAACTCGTTTCCGATGGTGACAAGACCTTCTCGGCAAGGGGATGACCG	1250	cgattgggtgttatcccccttctgactcgctctccccgcacatccg	700
N S F R M G D K C T F L G K G M T V		cagGCAACGTCGAGGGATGGAAGTGGCACCGCCCAACGAGGACCGGG	750
TGCAACACTCCAAAGCCCTTCACTGCTGACCCAGTTCCTGACCAACGAC	1300	A N V E G W T G T S A N A G T G	
D T S K P F T V V T Q F L T N D		CACCTACGGCACCTGCTGCAACGAGATGGACATCTGGGAGGCGAACAG	800
AACACCTCCACCGGACCGCTCTCTGAGATC 1330		T Y G T C C N E M D I W E A N N D	
N T S T G T L S E I		ACGCGCGCGGCTTCAACCGCACCCGTGCACGACCCCGGCGAGCGGC	850
		A A A F T P H P C T T T G Q T R	
GATCTTCTCTACGCTGCTGACGCTACCGGGGCCATGAATTCTAGTGC	50	TGCTCGGGCAGACTGCGCCCGGACACCGCGCTGTGCGACCGGACGG	900
TGTAGTGTCTCGCGCGAGGCTTCTATCTCTCTGTGTGCTCAAGAGCT	100	C S G D D C A R D T G L C D A D G	
CCAAATTCTCGGCCCAAAATCGCGAGGTTGAAGTCTGTTTATCGCGT	150	CTGCGACTTCAACTCCTTCCGATGGGCAACGAGCTTCTCGGCAAGG	950
AACTCGTGGCTGTCCAGGAAGTGTCCGACGCGGATGTCTCTGACATG	200	C D F N S F R M G N Q T F L G K G	
GGGGTAGATGTGCGGAGAAATTGGCAAGGTATAAAGGCTCTGGGTGCGC	250	GCCTACCGCTTGACACCGAGCCGTTACGGTCTGCTACCCAGTTCTCTG	1000
AGGGTTACAGCTCAGAGCAGCACTACTCTTTCGAAAGCAGCTCCCGCAG	300	L T V D T S K P F T V V T Q F L	
AGCAACGGCTCTCCGGGTAAAGTGTATTTCGAGTGTAGCTATTACAATAC	350	ACGAACGACAACGACGACGGGACGCTCAGCGAGATC 1039	
TGATTGTGCTCCAGCAAAATGTTCCGCGCTTTCAGCACTCTCGCGTCT	400	T N D N T T T G T L S E I	
M F R A S A L L A F S			
CTTTGCTGCCATCGCGTACGCGCAACAGCGCGGACGCAACAGCAGAG	450		
F A A I A Y G Q Q A G A T Q T A E			
ACCCACCTCAGCTCACATCCGAGAGTGCACGACGACGCGGGCTGCGT	500		
T H P Q L T S Q K C T T S G G C V			
CACCGAGACGACGCGCTGCTGCTGACTCCAACTGGCGCTGCTGCACT	550		
T Q D D T T V V L D S N W R W L H S			
CCGTGCGGGCTACACCACTGCTACACCGGCAATGAGTGGGAC.....	600		
V Q G Y T N C Y T G N E W D			
(273).....GACGGTGGCATGTCCAAAGTTCCCAACAACAGGCTGGT	650		
D G G M S K P N N K A G			
GCCAAGTACGGCACTGGCTACTGCGACTGCGAGTCCCGCGGGACATCA	700		
A K Y G T G Y C D S Q C P R D I K			
GTTTATTAACGGCGAGtgagcttggtatgttgacaaatcagccagt	750		
F I N G E			

Fig. 2. Partial nucleotide and deduced amino-acid sequences of representatives of cosmid Groups 2b (upper), 3 (middle), and 4 (lower). Dots represent regions which have not been sequenced, and numbers in parenthesis indicate estimated distance in nucleotides between the two segments. Introns are in lower case letters. Putative promoter elements are underlined. Nucleotides 1067–1116, 844–933, and 776–825 of Groups 2b, 3 and 4, respectively, encode 17 amino acids which are identical to the CBHI peptide sequence of Uzategui et al. (1991). EMBL accession numbers are Z11733/Z11726 (2b); Z11730/Z11727 (3); and Z11731/Z11729 (4)