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Erratum

Folylpolyglutamate synthesis in *Neurospora crassa*: primary structure of the folylpolyglutamate synthetase gene and elucidation of the *met-6* mutation [Phytochemistry 49 (1998) 2221–2232]*

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The Publisher regrets that Fig. 2 of the above article was shown incorrectly. This figure and its caption are

presented overleaf. We apologise for any inconvenience or embarrassment caused.

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GAATTCAAGT TGAGGACATT GGTCGTTTTT GTGTCTAGAA GAAGTGACTG TAACACCAGG	GGAACCTGGC GCCTTAG AGGGAAGATG CTCAGCT GGCGGGTTTC AAACACA: TGAGTGACAA GGTGGGT GCAGCTATCA GACGCCT	TAA CTAGTAGCCA GTT GAAAAAGCCA GGG TAAGCCAAGC TAG GATTGAATCA	CTTGCCATCG CAGCATAGAC AGATCGGGTA ATCGCGAACG CAGCTGATGG GATTATCACC	TACCGGTAGT TGTTACT <u>GAC</u> GAACATCCCG GATTGGGAGT	GTCGGTGTTC	AAGTGGCTTT GGTGGGGCCA CAGAGCCGGC TTTTACCATC TGAATGCCAC	80 160 240 320 400 470 (-1)
	GTT TTG AGG CCC ATA G						545 (+75)
	TTC TTC ACA AAA CGC A Phe Phe Thr Lys Arg T				agtcaaccaacc	ttttaccgctcc INTRON 1	626 (+129)
acagaaccccaaacactcactcaccatatcgtag *		ag GAC GCA ATC GAT Asp Ala Ile Asp	r GCG CTC AAC Ala Leu Asn	TCC CTC CAG Ser Leu Gln	ACC CCC TTC Thr Pro Phe	GCC GTC ATC Ala Val Ile	708 (+177)
	CGC AAA GCG GGT ATC C Arg Lys Ala Gly Ile A						783 (+252)
	TCC CAA GAT CTC GAT C Ser Gln Asp Leu Asp A						858 (+327)
	GAC TCC ATC CTC ACG CO Asp Ser Ile Leu Thr A						933 (+ 4 02)
	ATT GCT GTC CGG GAA C Ile Ala Val Arg Glu A						1008 (+477)
	GTC TGG GAT CGT CTC G Val Trp Asp Arg Leu G						1083 (+552)
	TAT CTT ACC TTG ATG A						1158 (+627)
	GGT GAA TAC GAT GCC A Gly Glu Tyr Asp Ala T						1233 (+702)
	TTT GTC CTG GGT GAT A						1308 (+777)
	ACG ATT GAG CAG GTT C Thr Ile Glu Gln Val P						1383 (+852)
	CCT GAT GTT GAT CCC A						1458 (+927)
	GCT ATC GCG CTC GCT G Ala Ile Ala Leu Ala G						1533 (+1002)
	GAG TTT GTC CAA GGC C						1608 (+1077)
	CAT CTT GAT GGC GCA C. His Leu Asp Gly Ala H						1683 (+1152)
	GCC AAG GGC GGA CCC A Ala Lys Gly Gly Pro L						1758 (+1227)
	TGC AAC ACT GTC AAG AG Cys Asn Thr Val Lys S						1833 (+1302)
	GCG ACG ACT GGC TAC AL Ala Thr Thr Gly Tyr L			catgatttgctca TRON 2	agctaaccttca	atag AC TTT Asp Phe	1919 (+1338)
	CAA TAT AAC CCC AAG GAG GIn Tyr Asn Pro Lys As						1994 (+1413)
	TCT GCG AAT GTC ATG CT Ser Ala Asn Val Met Le						2069 (+1488)
	ACG GAA GGC GAA GTG CA Thr Glu Gly Glu Val G						2144 (+1563)
	GCA GAT GCT CTC TGA Ala Asp Ala Leu STOP						2168 (+1587)
A GTACAGGATT TAGAACAAGG	GGGGACTTGT GGTTCGGC TGGCATTTTG CTTCGCAG GGGTTAAAGG AAAACCGG	CA TCTTTTCTTT	GTTACAAAAC	TTAGATATCC ACAGGGAAAT CATACTCAAC	GTCCATTTT ACAGGAAAAG TGTCTTAGAA	TACATGGTAT TACAGGAAAA CGGACCCAAG	2239 2319 2399
AAGGTGGAAA TCCATGGCCG GCACCGCGAG GCTGCTGTG ACACCAAGAC GCTCCATCAA TTCTCAAACT AAGTGCTCCT CACTTCTCA TTCTCAAGG CAAGAAGTTC	GCTTCCCGTT ACAAGGAC GCTCTACTGC GTTGTACG ATCTCTCC GGCTCACC CTTGACATCG CCTCCTT CAAACACTCC GTGCCCTT CAACCCCCAC CCAACGC CCTGCTATCC CTGCTCATC TGAGTTTCCC ATCCAACC GTATTTCCCA ACATGCC GTGTCATC ATCCAGCC GTATTTCCCA ACATGCC GTCGAGTC ATCCACCC GTATTTCCCA ACATGCC GTCGAGTC ATCCCACCC GTCGAGTC ATCCCACCC GTATTTCCCA ACATGCC ACATGCC GTCGAGTC ATCCCCC ATTCCCCC ATTCCCCCC ATTCCCCCC ATTCCCCC ATTCCCCC ATTCCCCC ATTCCCCC ATTCCCCC ATTCCCCC ATTCCCCCC ATTCCCCC ATTCCCCCC ATTCCCCCC ATTCCCCCC ATTCCCCCCC ATTCCCCCC ATTCCCCCCC ATTCCCCCC ATTCCCCCC ATTCCCCCCC ATTCCCCCCC ATTCCCCCCC ATTCCCCCCC ATTCCCCCCC ATTCCCCCCCC	TACACGTCTT CTACCGCGC CGCAAGAG CCGCCAAGAAG CTTCCCACA CGGGCTCCACA CGTTCCCACA CGGGCTCTAAA CTTCCACCCTTC CACACCCTCT CTCCTCAAACCC ACGCTCT ACCAGCCTCT CTCCTCAAACCC ACGCTCTC ACCAGCCTAC ACGCTCTC ACCAGCACAACC ACGCTCTAAACCC ACGCTCT	GCCGTCCTTC CTCGCACTAG CTTTTCCTCG AGCCCTCAAC AAACACTGT AGACTCGCAC CTCCCCAAAA TTGAAATGC CCACTTCCTT CTTTGACCCT CCCCAGCTCGG	GCGCGCCTGC CTTCCTGAAT TTCCTTGTGA AAGACTCCGG CCAACACCGG CTGCCCTTAA GCCCCCGCGA CCTTCCAACT CTCCTGCGCT TCCTAAAATC TCCTAAAATC TCTGACCACGCT CTTGCTTGAC	TCAGGATCTT AATCTTCTGC GCACCGCGTA GTCCCTATCC CCAGGCTATC GCTAGCCTC ATTTGTGTCC TGGCCCCTC CTATTCCTCA CGCTCTATT CGCCGTCAGC CCCTCAGC	CTGAACTGT CCCTGCAACT GGTGAACAC TGCTGGTTGA CCCTGCTAAGCC CACCTGGTA TAGGCCCTTC ACACCTCCAT CACCGCAAAT ACTGCGGCCT AAAGATGTA	2479 2559 2639 2719 2799 2879 2959 3039 3119 3279 3359

Fig. 2. Sequence of the 3440 bp plasmid pIA50 (GenBank accession number is AF005040) and subsequent sequence of the putative open reading frame. Translation start site 1 (indicated by the symbol ↓) is postulated to be the hypothetical start to the largest open reading frame of the *met*-6⁺ gene (Table 1) at position +1 of the largest open reading frame. Translation start site 2 (indicated by the symbol ∇) is postulated to be a second hypothetical start site, 102 nucleotides smaller than the largest open reading frame of *met*-6⁺ gene (Table 1). The single underlined areas refer to the two primers used to amplify the wild-type or mutant PCR products of 2.2 kb from genomic template DNA. At position +400 of the largest open reading frame (indicated by the symbol ↓ and square box), the triplet codon TCC of plasmid pIA50, 74-OR23-1*A*. Lindegren A and Emerson, giving rise to serine, is a CCC triplet codon in *met*-6 mutant, giving rise to proline. This is the site of *met*-6 mutation. The 5' end of the three cDNA clones occur at position +182 of the largest open reading frame and is postulated to be truncated and not to be the true 5' end of the cDNA. The cDNA clone 3' end occurs at position +1858 of the largest open reading frame and is followed by a 20–25 nucleotide poly(A) tail. Both ends are indicated by asterisk (*).