

Identification of crucial amino acids of bacterial peptide deformylases affecting enzymatic activity in response to oxidative stress

Sanjay Kumar, Pavitra Kanudia, Subramanian Karthikeyan and Pradip K. Chakraborti

CSIR-Institute of Microbial Technology, Sector 39A, Chandigarh 160 036, India.

SUPPLEMENTARY MATERIAL

TABLE S1. List of PCR primers used in this study

Primer name	Primer sequence (5' to 3')	Wild-type/ Variant
CK1(sense)	5' GGAATTCCATATGTCAGTTTTGCAAGTGTTACATATT 3'	sPDF
CK2(antisense)	5' CCCAAGCTTTTAAGCCCGGGCGTTCAG 3'	
CK63 (sense)	5' CGTGATTGACTGTTCGGAAAACCG 3'	V63C
CK64 (antisense)	5' CGGTTTTCCGAACAGTCAATCACG 3'	
CK90 (sense)	5' ATAGAAGAAGGCTCTCTGTCGATTCCGGA 3'	C90S
CK91 (antisense)	5' TCCGGAATCGACAGAGAGCCTTCTTCTAT 3'	
CK130 (sense)	5' TTA CTGGCAATTATGATT CAGCATGA 3'	C130M
CK131 (antisense)	5' TCATGCTGAATCATAATTGCCAGTAA 3'	
CK132 (sense)	5' TTA CTGGCAATTTCCATT CAGCATGA 3'	C130S
CK133 (antisense)	5' TCATGCTGAATGGAAATTGCCAGTAA 3'	
CR26 (sense)	5' AAAACATATGGCAGTCGTACCTATC 3'	mPDF
CR27 (antisense)	5' AAAAAGCTTAGTGCCCGAACGGGTC 3'	
CK59 (sense)	5' CCAGATCGGCTCCAGCCTGCGGCTC 3'	C59S
CK60 (antisense)	5' GAGCCGCAGGCTGGAGCCGATCTGG 3'	
CK68 (sense)	5' CGTCTACGATAGCGCCGCGGACC 3'	C68S
CK69 (antisense)	5' GGTCCGCGGCGCTATCGTAGACG 3'	
CR45(sense)	5' GACGAAGGCTCACTGTCGGTT 3'	C106S
CR44 (antisense)	5' AACCGACAGTGAGCCTTCGTC 3'	
CK145 (sense)	5' GTTCGCGCGGTGTCTGCAGCACG 3'	M145C
CK146 (antisense)	5' CGTGCTGCAGACACCGCGCGAAC 3'	
CK147 (sense)	5' GTTCGCGCGGTTCGCTGCAGCACG 3'	M145S
CK148 (antisense)	5' CGTGCTGCAGCGACCGCGCGAAC 3'	