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A)

> DNA sequence of wt ORF131 of CkP1 (495 bp) (SEQ ID No. 2)

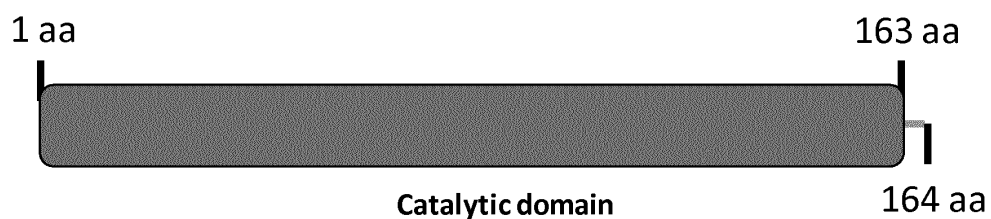
ATGAACATTTTAAAATGCTTCGTATCGATGAAGGATACGATTCTAAAATCTATAAAGATACCG
AAGGGTTTTGGACTATCGGTATCGGTACCTTTTAACTCGCGACCCTTCTCTTGAAGTAGCCA
AAAGAGAACTTGATAAACTCGTTGGGCGTAAGTGCAACGGTCAAATCACTCAGTCGGAAGCA
GAAAAGATTTTCGCTGATGATGTTGATAAAGCTATTAATGGAATCAAGAAAAACGCTTCTCTGA
AACCGGTTTATGATTCTCTTGATGGAGATGATCCGCGTCAAGCTGCACTCATCAATATGGTATT
TCAAATGGGTGTAGCTGGTGTAGCTGGCTTCACTAATTCTATGAGAATGGTAAAAGAAAAACG
TTGGGCTGATGCAGCTGTAAATTTAGCTCAATCAAAATGGTATCGTCAAACCTCCGAATCGCGC
TAAACGAGTAATTGAAACATTCCGCACTGGAACATGGAACGCATATAAA

B)

> Protein sequence of wt CkP1gp131 (164 amino acids) (SEQ ID No. 1)

MNIFKMLRIDEGYDSKIYKDTEGFWTIGIGHLLTRDPSLEVAKRELDKLVGRKCNQGQTQSEAEKIFA
DDVDKAINGIKKNASLKPVYDSLGDGDDPRQAALINMVFMGVAGVAGFTNSMRMVKEKRWADAA
VNLAQSKWYRQTPNRAKRVIEFRTGTWNAYK

C)

**Fig. 1**

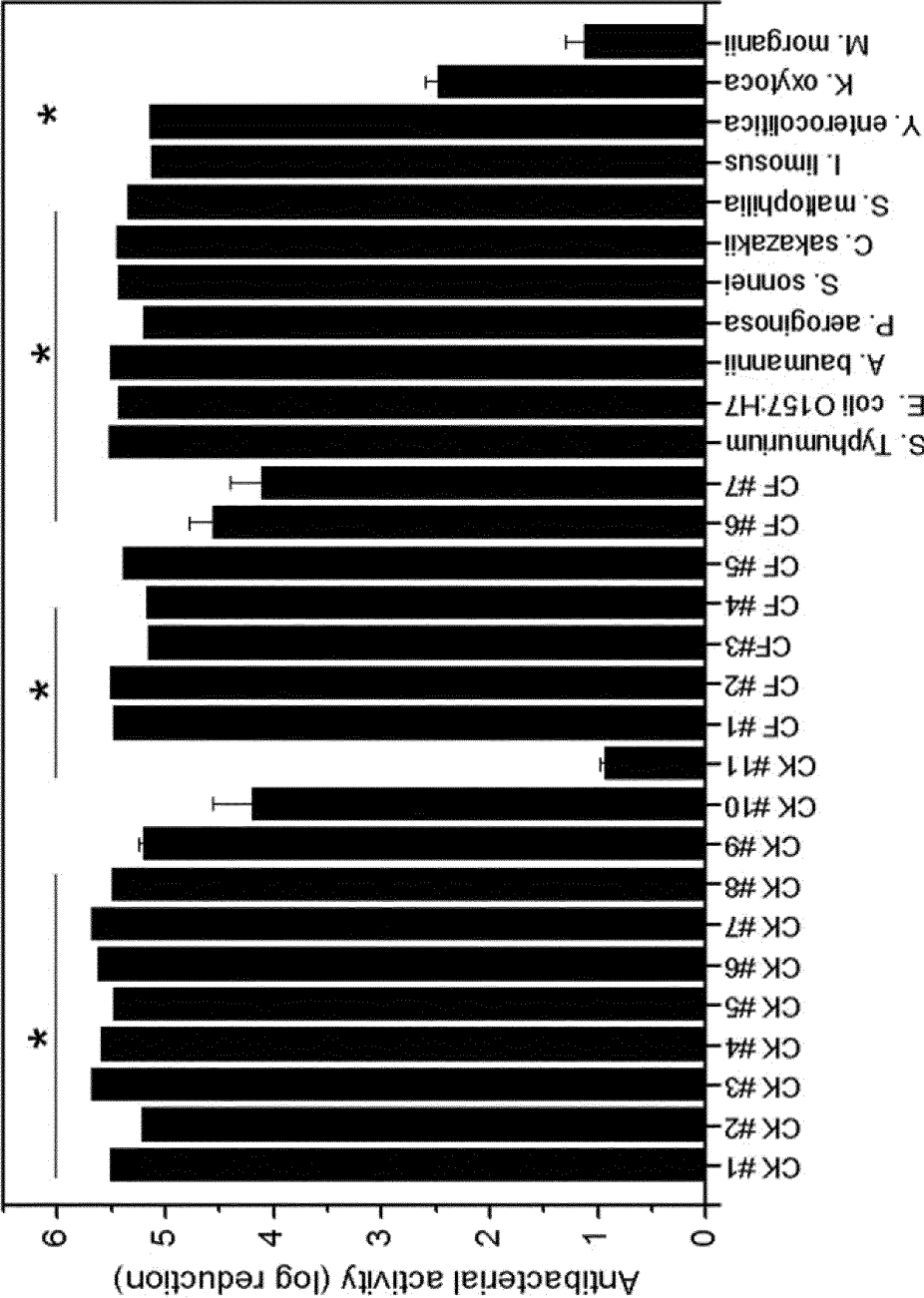
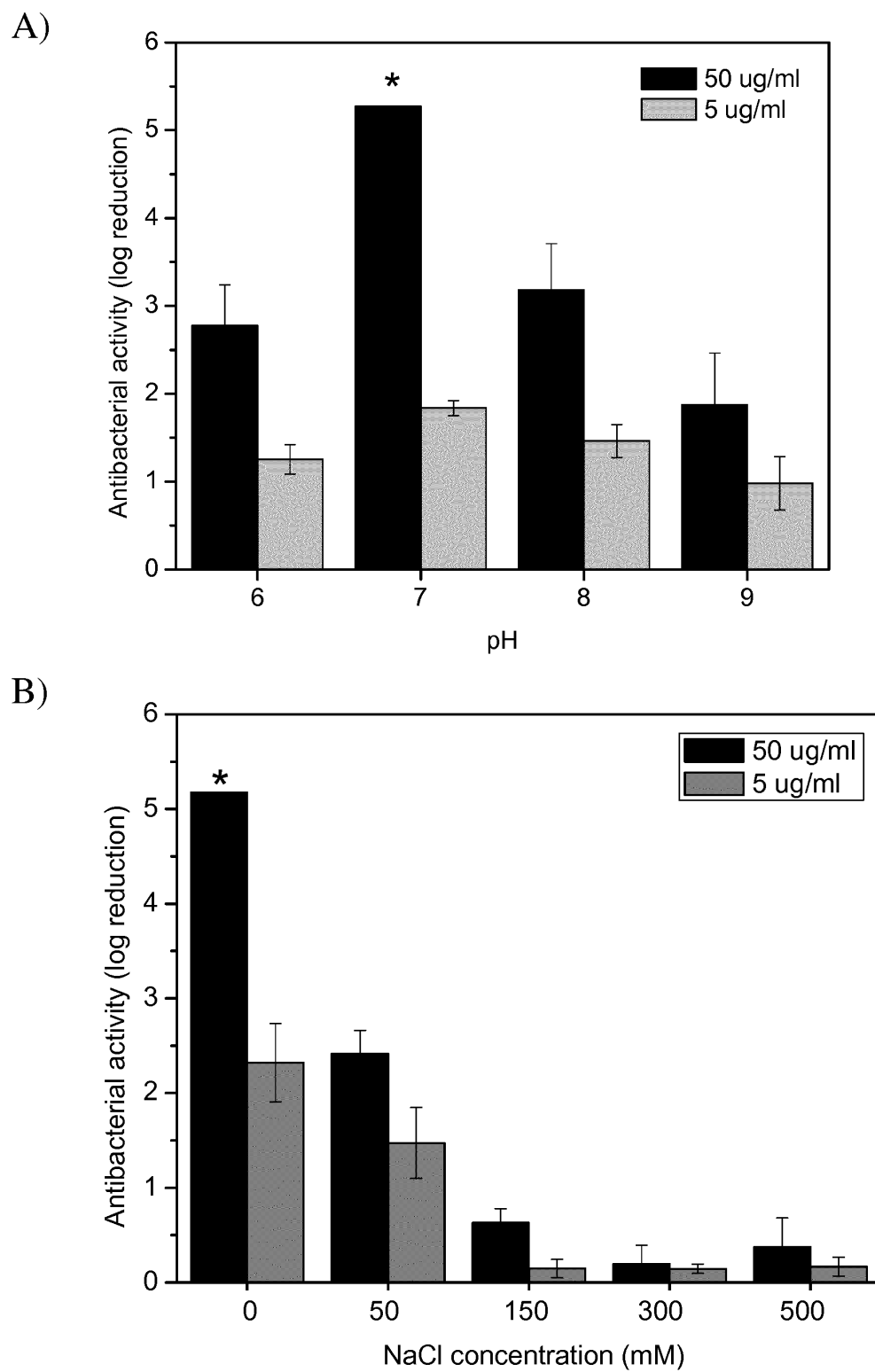


Fig. 2

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**Fig. 3**

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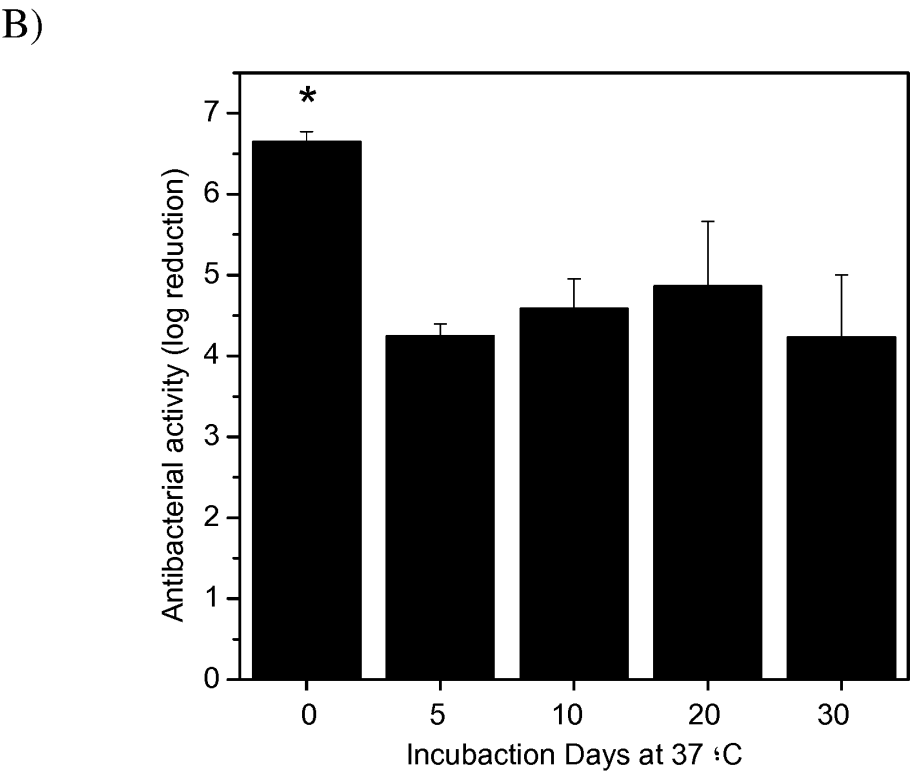
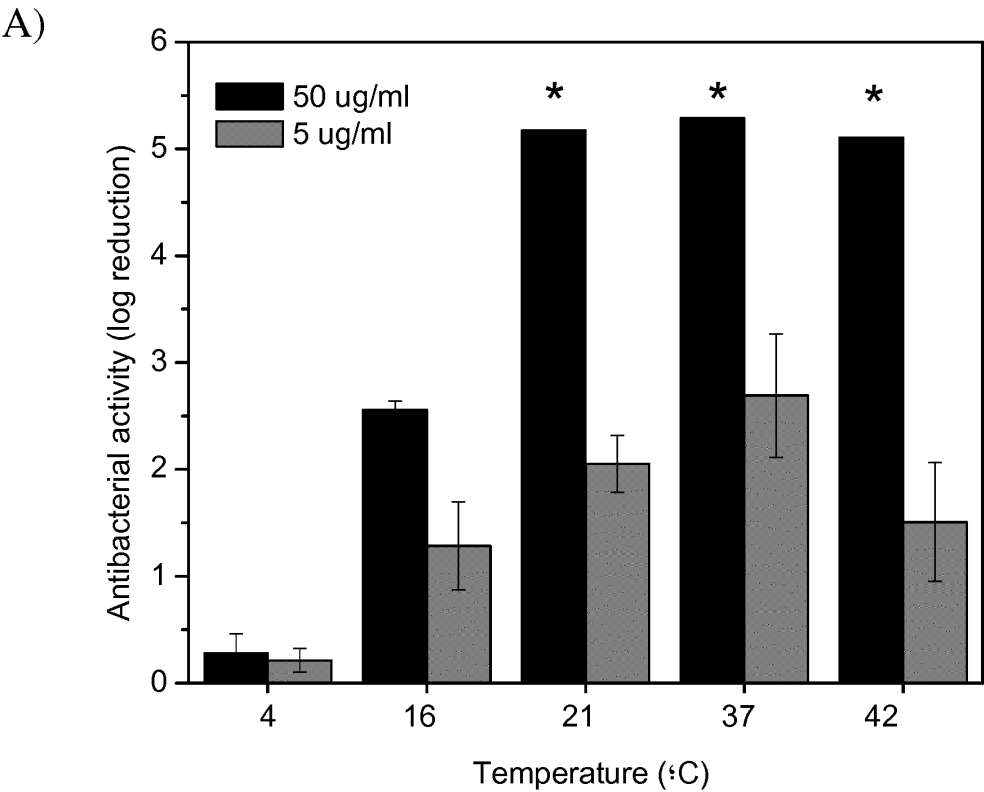


Fig. 4