

Genetic Characterization and Gene Expression of Bile Salt Hydrolase (bsh) from *Lactobacillus Reuteri* Crl 1098,a Probiotic Strain

Research Article

Supplemental Material

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1 TGAATAGTAC AGGTGTAAG AACATTGAGT AGTAATATTA GCTGTAAAAA
51 AAGAGAGTAT AAGGAGAAAAG TTCCTTCATAC TTCCTTTTTC TACTGTACAT
101 TCTTCCTTTT TAAACTAGAA TTAAGGTATA TTCAAAAGAA AAGGGGCCTT
151 TAT

1 ATGTGCACATCAGTAATTTATACAGCAGGTGATTATTACTTTGGTCGTAATCTTGATTG
1 M C T S V I Y T A G D Y Y F G R N L D L
61 GAAGTCAACCTTGGTCAAGAAGTAGTGATTACCCCGCGTAATAAGACTTTAGAAATCCGG
21 E V N L G Q E V V I T P R N K T L E F R
121 GAAATGCCCAATCTTGAACACCATTATGCAATTATTGGAATGTCAATGTTCGTGATGAT
41 E M P N L E H H Y A I I G M S I V R D D
181 TATCCATTATACTTTGATGGGGTAAATGAAAAAGGGGTGGGATGGCAGGCCCTAATTTT
61 Y P L Y F D G V N E K G V G M A G L N F
241 GATGGTCCAGTCATTATTCCAGTCCCAAGAGGGGAAGGATAATATTGCATCCTTTGAA
81 D G P A H Y F P V Q E G K D N I A S F E
301 TTAGTTCCTTATATTCTTTCGGCAGCTTCTCGGTTGCTGAAGCGAAGAAGTTACTTTCA
101 L V P Y I L A A A S S V A E A K K L L S
361 AATGCAAACATTGCTAATATTAATTTTCTGATAAACTCCAAGCTGCACCGCTACACTGG
121 N A N I A N I N F S D K L Q A A P L H W
421 ATTATTGCTGATAAAAACGGGTGCTTCTGTGACTGTTGAATCCACCGCAAAAAGGATTGAA
141 I I A D K T G A S V T V E S T A K G L N
481 GTTTATGATAACCCAGTTGGTGT'TTTGACAAAATAATCCGGAGTTCTCTCGTCAATTATTA
161 V Y D N P V G V L T N N P E F P R Q L L
541 AATCTAGTAACTATCGTAGTGTGACCTGCTAATCCGGCTAACGTATTGACCTAAT
181 N L S N Y R S V A P A N P A N V F A P N
601 GTCGACCTACCAGTTTATAGCCGGGGCTTAGGGACCCATTTTCTCCCGGGAGGAATGGAT
201 V D L P V Y S R G L G T H F L P G G M D
661 TCTGAAAGTCGTTTTGTTAAGGCTACTTTCACTAAGATGCATGCCCCAGTTGGTAATTCT
221 S E S R F V K A T F T K M H A P V G N S
721 GAGGTTGAGAATATTACCAACTATTTCACATTCTTCAATCTGTGCAACAACAAAAGGGT
241 E V E N I T N Y F H I L Q S V E Q Q K G
261 L D E V A P N T F E Y T I Y S D G S N L
841 AAGAAAGGGATTTTTACTACAAGACTTACGAAAACAGTCAAATTAATGCAGTTGATATG
281 K K G I F Y Y K T Y E N S Q I N A V D M
901 CATAAGGAAGATCTTGAAGCATCAGAATTAATACCTATCCAGTTCAAATAAACAAATA
301 H K E D L E A S E L I T Y P V Q N K Q I
961 ATTAACCAACAAAATTA
321 I N Q Q N *

980 ATAATTATTC TATTTTTAAA CTCTTTTTAT GCATGAATAA TTTCTATTTT
1031 ATGCATAAAA AGAGTTTTTIT TGAAAAAATA TGCTAAAACT ATTGAGTTTT
1081 TATTCATTAA TACTCGTATA TTTATAAACA ACAAATTTTC CTGAATGAGG
1131 ACGAATTATG TCCAGAATGT CAAAAGAAAA AATTG'TTTTA GC'TTATCTG
1181 GTGGTTTAGA TACTTCAGTT GCGATTGCGT GGC
    
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