

Serratia marcescens IMT-3 *phlA* gene for extracellular phospholipase A1, partial cds

GenBank: LC647828.1
[FASTA](#) [Graphics](#)
[Go to:](#)

LOCUS LC647828 141 bp DNA linear BCT 27-AUG-2021
 DEFINITION *Serratia marcescens* IMT-3 *phlA* gene for extracellular phospholipase A1, partial cds.
 ACCESSION LC647828
 VERSION LC647828.1
 KEYWORDS -
 SOURCE *Serratia marcescens*
 ORGANISM [Serratia marcescens](#)
 Bacteria; Proteobacteria; Gammaproteobacteria; Enterobacteriales; Yersiniaceae; Serratia.

REFERENCE 1
 AUTHORS Hamzah,A.S.
 TITLE Analysis Virulence genes Sequencing of *Serratia marcescens* in Some Hospitals of Baghdad
 JOURNAL Unpublished
 REFERENCE 2 (bases 1 to 141)
 AUTHORS Hamzah,A.S.
 TITLE Direct Submission
 JOURNAL Submitted (23-AUG-2021) Contact:Alaa Salim Hamzah Middle Technical University, Institute of Medical technology, Department of Anesthesia Techniques; Baghdad, Baghdad 10001, Iraq

FEATURES Location/Qualifiers
 source 1..141
 /organism="Serratia marcescens"
 /mol_type="genomic DNA"
 /strain="IMT-3"
 /isolation_source="wound infection"
 /host="Homo sapiens"
 /db_xref="taxon:615"
 /country="Iraq"
 /collection_date="2021-03-26"
 /collected_by="Alaa Salim Hamzah"
 gene <1..>141
 /gene="phlA"
 CDS <1..>141
 /gene="phlA"
 /codon_start=1
 /transl_table=11
 /product="extracellular phospholipase A1"
 /protein_id="BD096991.1"
 /translation="GQGAAFGNRLSDSALLGFIGIDPASLHDAGSGFQAGVYNDKQYV VGV"

ORIGIN
 1 ggccaggcgc ccgccgggtt caaccgtctg agcgcagcgc cgtcgtcgg ttccgcatc
 61 gatccgcgca cgcctgcagca ccgccgcgc ggttccagc cggggttta cgcacagc
 121 aagcagtgtg ttgtggcgt a
 //

Figure 4. Registration of Iraqi sequences virulence genes (*PhlA*) in NCBI.

Serratia marcescens IMT-1 *shlA* gene for hemolysin, partial cds

GenBank: LC647830.1
[FASTA](#) [Graphics](#)
[Go to:](#)

LOCUS LC647830 165 bp DNA linear BCT 27-AUG-2021
 DEFINITION *Serratia marcescens* IMT-1 *shlA* gene for hemolysin, partial cds.
 ACCESSION LC647830
 VERSION LC647830.1
 KEYWORDS -
 SOURCE *Serratia marcescens*
 ORGANISM [Serratia marcescens](#)
 Bacteria; Proteobacteria; Gammaproteobacteria; Enterobacteriales; Yersiniaceae; Serratia.

REFERENCE 1
 AUTHORS Hamzah,A.S.
 TITLE Analysis Virulence genes Sequencing of *Serratia marcescens* in Some Hospitals of Baghdad
 JOURNAL Unpublished
 REFERENCE 2 (bases 1 to 165)
 AUTHORS Hamzah,A.S.
 TITLE Direct Submission
 JOURNAL Submitted (23-AUG-2021) Contact:Alaa Salim Hamzah Middle Technical University, Institute of Medical technology, Department of Anesthesia Techniques; Baghdad, Baghdad 10001, Iraq

FEATURES Location/Qualifiers
 source 1..165
 /organism="Serratia marcescens"
 /mol_type="genomic DNA"
 /strain="IMT-1"
 /isolation_source="wound infection"
 /host="Homo sapiens"
 /db_xref="taxon:615"
 /country="Iraq"
 /collection_date="2021-03-24"
 /collected_by="Alaa Salim Hamzah"
 gene <1..>165
 /gene="shlA"
 CDS <1..>165
 /gene="shlA"
 /codon_start=2
 /transl_table=11
 /product="hemolysin"
 /protein_id="BD096993.1"
 /translation="QEIFGMAADYVLANPNIQSGCQCFINTSRSSLVGNPLVENG LQGYSTLDNR"

ORIGIN
 1 gcaagagatc ttccgcatgg cggccgacta cgtgctgccc aacccgaacg gcatcagctg
 61 ccaggcctgc gggttcatca acaccagcgc ctctcgtcgt gtgctcgcca acccgtggt
 121 ggagaacgac ctgctcagg gctacagcac tctgataat cgcac
 //

Figure 5. Registration of Iraqi sequences virulence genes (*ShlA*) in NCBI.

Serratia marcescens IMT-5 *flhD* gene for flagellar transcriptional regulator FlhD, partial cds

GenBank: LC647826.1
[FASTA](#) [Graphics](#)
[Go to:](#)

LOCUS LC647826 274 bp DNA linear BCT 27-AUG-2021
 DEFINITION *Serratia marcescens* IMT-5 *flhD* gene for flagellar transcriptional regulator FlhD, partial cds.
 ACCESSION LC647826
 VERSION LC647826.1
 KEYWORDS -
 SOURCE *Serratia marcescens*
 ORGANISM [Serratia marcescens](#)
 Bacteria; Proteobacteria; Gammaproteobacteria; Enterobacteriales; Yersiniaceae; Serratia.

REFERENCE 1
 AUTHORS Hamzah,A.S.
 TITLE Analysis Virulence genes Sequencing of *Serratia marcescens* in Some Hospitals of Baghdad
 JOURNAL Unpublished
 REFERENCE 2 (bases 1 to 274)
 AUTHORS Hamzah,A.S.
 TITLE Direct Submission
 JOURNAL Submitted (23-AUG-2021) Contact:Alaa Salim Hamzah Middle Technical University, Institute of Medical technology, Department of Anesthesia Techniques; Baghdad, Baghdad 10001, Iraq

FEATURES Location/Qualifiers
 source 1..274
 /organism="Serratia marcescens"
 /mol_type="genomic DNA"
 /strain="IMT-5"
 /isolation_source="midstream urine"
 /host="Homo sapiens"
 /db_xref="taxon:615"
 /country="Iraq"
 /collection_date="2021-02-22"
 /collected_by="Alaa Salim Hamzah"
 gene <1..>274
 /gene="flhD"
 CDS <1..>274
 /gene="flhD"
 /codon_start=2
 /transl_table=11
 /product="flagellar transcriptional regulator FlhD"
 /protein_id="BD096989.1"
 /translation="YDNLVYLLLAQRLINDEKASAMFRLGIDETHMADLAQLTPQM VKLAETNQLVCHFRFNSQTIERLTKESRWDLQQIHTGILLSHLL"

ORIGIN
 1 ttatgacatc aatctgcatc attactttt agccagcgtg ttgacagc atgaaaagc
 61 gtcgcagtg ttgcctgg gttgtagt aaccatgac gctgctgg cgcagctgc
 121 ttgctgca atggttaac tggcgcagc caaccagctg ttgctcact tccgtttaa
 181 cgaagcag accatgac gctgcacc aagatcgc gtcagatc tgcacaat
 241 ccatccgc attttgcat caagcatt actg
 //

Figure 6. Registration of Iraqi sequences virulence genes (*FlhD*) in NCBI.