

penicillin-binding protein PBP1A

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1  MVNLLKTTTIKKALLITANILLAGAI IACLAGAALVVYYIQSAPELTEESLTATVSSKIY 60  P1/7 seq
1  M----KTTTIKKALLITANILLAGAI IACLAGAALVVYYIQSAPELTEESLTATVSSKIY 60  CP142676
   DKNGNLIADLGAEKRSSAKTEEIPTDLVNAIVAIEDQRFFNHRGVDVIRIAGSLINNLSG
   GRLQGGSTLDQQFIKLTYFSTSVEDQNLKRKIQEAWLATQLERRNTKQEILTYYINKVYM
   SNGNYGMKTAALAFYGKELKDLTLPQLALLAGMPQAPNQYDPYTNPEDAKARRDLVLAEM
   LEEKYIDNTQYEQAVLTPVTDGLQPLSNAAAYPAYMDNYLKQVVEEVEAKTGYNLLTTGM
   DVYTNVDPAAQQQLWNIYNTDMYVSYPDDLQVASTVVDVSNQKVVAQLGGRKQETNVSF
   GTNQAVETNRDFGSTMKPITDYAPAFENGIYTSTADLILDGPYNYPGTPTPVNNWDKQYY
   GNISVKTAIQYSRNVTAVKALEATGLENALKFLNSVGINYPDIHYSNAISSNTSDTSSKY
   GASSEKMAAAYAAFANGGTYYAPQYVNKIVFSDGTVTEYAPKGTKVMSAETAYMMTDMMK
   AVMSYGYGLNASVSGVPMAGKTGTSNYTDSETDTILASIP EANYSYMVVPDENFVGYSSQ
   YAMAVWTGYTNRMTPI LDNSMRIATDVYHNMMLFMHSDYTATDWEMPSGLVRYGSNY YLR
   GSRSLSNAYNTYTSSSTSSSSSTETSETTEATTTSETSSGTATETATSSTETATTGNNP
   ATGQTDGQ
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Supplementary Figure 1 - Mutation in the *pbp1a* gene encoding penicillin-binding protein 1a. The mutation involves a deletion of four amino acids at the N-terminal region, specifically from positions 2 to 5. This alteration may influence the protein's interaction with penicillin.