```
17978   mnhnikglsmnnvsynrnfktgndqrinhrsfvlngvasaqmalrlgyalgtvfvlcasn 60
19606   mnqnikglsmnnvsynrnfktgndqrinhrsfvlngvasaqmalrlgyalgtvfvlcasn 60
AC12    mnqnikglsmnnvsynrnfktgndqrinhrsfvlngvasaqialrlgyalgtvfvlcasn 60
        **:*********************************************:***************

17978   tyaavidnsaktleqqtaqtnvaalpaitvkaeqddtyaggqvsskssvgflgnktamet 120
19606   tyaavidnstktleqqtaqtnvaalpaitvkaeqddtyaggqvatssnvgflgskkfldt 120
AC12    tyaavidnsaktleqqtaqtnvaalpaitvkaeqddtyaggqvsskssvgflgnktvmet 120
        *********:****************************************::.*.****.*. ::*

17978   pfntiaytekyiadqqakditdviaktdpsifstgaygviaesyairgfrsssvaagrdt 180
19606   pfntisytdkyiedkqakditeviaatdpsiytngasggwsenyyirgyasst----ndm 176
AC12    pfntiaytdtyiadkqakditsviaktdpsvftnaasggwsenyyirgfessp----sdm 176
        *****:**:.** *:******.*** ****::.:..* *  :*.* ***: **     *

17978   smgglygiaplyraspemferidvlkgpsamlngmppgstlggtvnlvpkragddpltrf 240
19606   smnglfgitpfyrtspemfgrvevlkgpsallngmppagsvggtvnlvtkyaadepfarl 236
AC12    smnglfgitpyyrtspemfekinvlkgpsallngmpptgsiggtvdlttkratdepltrl 236
        **.**:**:* **:***** :::*******:****** .::****:*. * * *:*:**:

17978   tttymsdsqfgghldigrrfgenkefgvrfnsvyrdgegpikeqektthlfslgldwrgd 300
19606   tttymsdaqfgghvdvgrrfgenkefgvringmyrdgdaavndqskesrlfslgldwqge 296
AC12    tttymsdsqfgghldvgrrfgsdkefgvranavyrdgsgpvekqdlktelfslgmdwhgd 296
        *******:****:*:*****.:****** *.:****.. ::.*.  :.*****:**:*:

17978   narlsadlytsrdhadginrgltilpgvnlpkapnpdtllnptwtvyntrdtggmirgey 360
19606   narvfvdaydaldhvdgvtrgvnvstavgipkppkadtllspdwgsvetkdkgamirgey 356
AC12    rarvstdlytskdrvdgvtrginlgkdiaipkpppketllnpdwsfvdiqdkgamirgey 356
        .**: .* * : *:.**:.**:.:   : :** *: :***.* *   : :*.*.******

17978   dlndkwmayatagmskteyntlgaakteiqneagdikfniahlgfkyerksaevglrgkf 420
19606   dfsdqlmayaaygqstteykyngasagtitsstgtlsstlgqlafdvdkksadagfkgkf 416
AC12    dltnnvmgyatygqskteykyngamsatvldntgtfqtsigqltfnvdkksadvglkgkf 416
        *:.:: *.**: * *.***:  **    : ..:* :. .:.:* *. ::***:.*::***

17978   dtgavkhalalnathyretddeagirqgfpeg-drvtniyn--pnwgskpnrvpiapifs 477
19606   etgsvkhqwvanatyynhtqddygyriipgfsdpvitniydpnpnwgpkpeftpp-flfh 475
AC12    ntgavghqwvvnatyykhnqddygvrnvagae--wttnlyd--piwgkavpfnap-lisn 471
        :**:* *  . ***:*...:*: * *        **:*:  * **            :

17978   nkenltsvgladtmsvlqdqvqltlglryqnivteslngqgvrningrydknaitpaaai 537
19606   stlstssfgladtlsfaqdkvqltlglrhqtvkatss-----vntlpenaksattpgval 530
AC12    selqlnsygladtlsfiedrlqltlgvryqevessnlfv--ptstltkykknattpgaai 529
        .   . .* ******:*. :*!:******:*!:* : :.      .  *.* **..*:

17978   lvkandhvslyanyieglssggtvptgqnyenegqifspfktkqmetgikidsgnftntf 597
19606   likatdkisvyanyiegltkgdqapat--asnpgeifppqktkqqelglkvdlgtfahtl 588
AC12    lfkatdkvsiyanyiegltkgdaaplt--aanyptifapyktkqtefgvkfdqgtfahtl 587
        *.**.*::*:**********:.*. .*    *  ** * **** * *:*.* *.*::*:

17978   svfqiksrnsyvikstdekiksiygadgeqrnrgvewgfygspvdnirvmggltyidpki 657
19606   safeitkpssyldpsklvnnlptfvsdgeqrnrgiewsffgspiehvrlmggftyldpel 648
AC12    slfeikkpsaytdlvt-----niytsggeqrnrgiewsffgspienvrlmggasyiepev 642
        * *:*.. .:*    .       : :.********:**.*:***::::*:*** :*::*::

17978   tktriaselgnvvagvpkvqaklgiegdvsyipg-ltltanataaskqyiyndnstsvpg 716
19606   tktksggndghtavavpknqaklgaewdtqvaqgtltlsgninavskqyinaentlsvpg 708
AC12    tktaiqsnegnmavgvpktqgklgvewdnevaqgvltlssnatavskqyidqentlhipg 702
        ***   .: *: ...*** *.*** * * .  * ***:.* .*.***** :*:  :**

17978   revygigaryntkiaqfpvtirgnidnltnksywsmpqftnlmlgaprtyllsatidf 774
19606   rtlldvgarystkvedhpvtfraniynltnkaywaqpqltnlalgaprtymlsvsydf 766
AC12    rtlidvgaryktsisnhpitfkadinnlmnkaywgmpklsnlalgaprtymlsvsydf 760
        * :  .:****.*.: :.*:*::..:* ** **:**. *::::** ********:**.: **
```

% identity	ATCC 17978	ATCC 19606	AC12
ATCC 17978	100.00	59.84	61.92
ATCC 19606	59.84	100.00	70.28
AC12	61.92	70.28	100.00

Fig S8. Sequence comparison among three *A. baumannii* BauA variants.

The sequences of three BauA variants from *A. baumannii* ATCC 17978, ATCC 19606, and AC12 were aligned using Clustal Omega, and the calculated identity matrix was shown as a table.