Go directly to Alignment

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Multalin version 5.4.1
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Published research using this software should cite
Multiple sequence alignment with hierarchical clustering
F. CORPET, 1988, Nucl. Acids Res., 16 (22), 10881-10890
Symbol comparison table: blosum62
Gap weight: 12
Gap length weight: 2
Consensus levels: high=90% low=50%
Consensus symbols:
 ! is anyone of IV
 $ is anyone of LM
 % is anyone of FY
 # is anyone of NDQEBZ

 MSF:    121    Check:   0         ..
 Name: India_QIA98589 Len:   121  Check: 6728  Weight:  1.00
 Name: USA1_QHO60600. Len:   121  Check: 6728  Weight:  1.00
 Name: Italy_QIA98560 Len:   121  Check: 6539  Weight:  1.00
 Name: Nepal_QIB84679 Len:   121  Check: 6539  Weight:  1.00
 Name: China1_YP_0097 Len:   121  Check: 6539  Weight:  1.00
 Name: Consensus      Len:   121  Check: 6539  Weight:  0.00

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India_QIA9  MKFLVFLGII TTVAAFHQEC SLQSCTQHQP YVVDDPCPIH FYSKWYIRVG ARKSAPLIEL CVDEAGSKSP IQYIDIGNYT VSCSPFTINC QEPKLGSLVV RCSFYEDFLE YHDVRVVLDF I
USA1_QHO60  MKFLVFLGII TTVAAFHQEC SLQSCTQHQP YVVDDPCPIH FYSKWYIRVG ARKSAPLIEL CVDEAGSKSP IQYIDIGNYT VSCSPFTINC QEPKLGSLVV RCSFYEDFLE YHDVRVVLDF I
Italy_QIA9  MKFLVFLGII TTVAAFHQEC SLQSCTQHQP YVVDDPCPIH FYSKWYIRVG ARKSAPLIEL CVDEAGSKSP IQYIDIGNYT VSCLPFTINC QEPKLGSLVV RCSFYEDFLE YHDVRVVLDF I
Nepal_QIB8  MKFLVFLGII TTVAAFHQEC SLQSCTQHQP YVVDDPCPIH FYSKWYIRVG ARKSAPLIEL CVDEAGSKSP IQYIDIGNYT VSCLPFTINC QEPKLGSLVV RCSFYEDFLE YHDVRVVLDF I
China1_YP_  MKFLVFLGII TTVAAFHQEC SLQSCTQHQP YVVDDPCPIH FYSKWYIRVG ARKSAPLIEL CVDEAGSKSP IQYIDIGNYT VSCLPFTINC QEPKLGSLVV RCSFYEDFLE YHDVRVVLDF I
 Consensus  MKFLVFLGII TTVAAFHQEC SLQSCTQHQP YVVDDPCPIH FYSKWYIRVG ARKSAPLIEL CVDEAGSKSP IQYIDIGNYT VSClPFTINC QEPKLGSLVV RCSFYEDFLE YHDVRVVLDF I
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