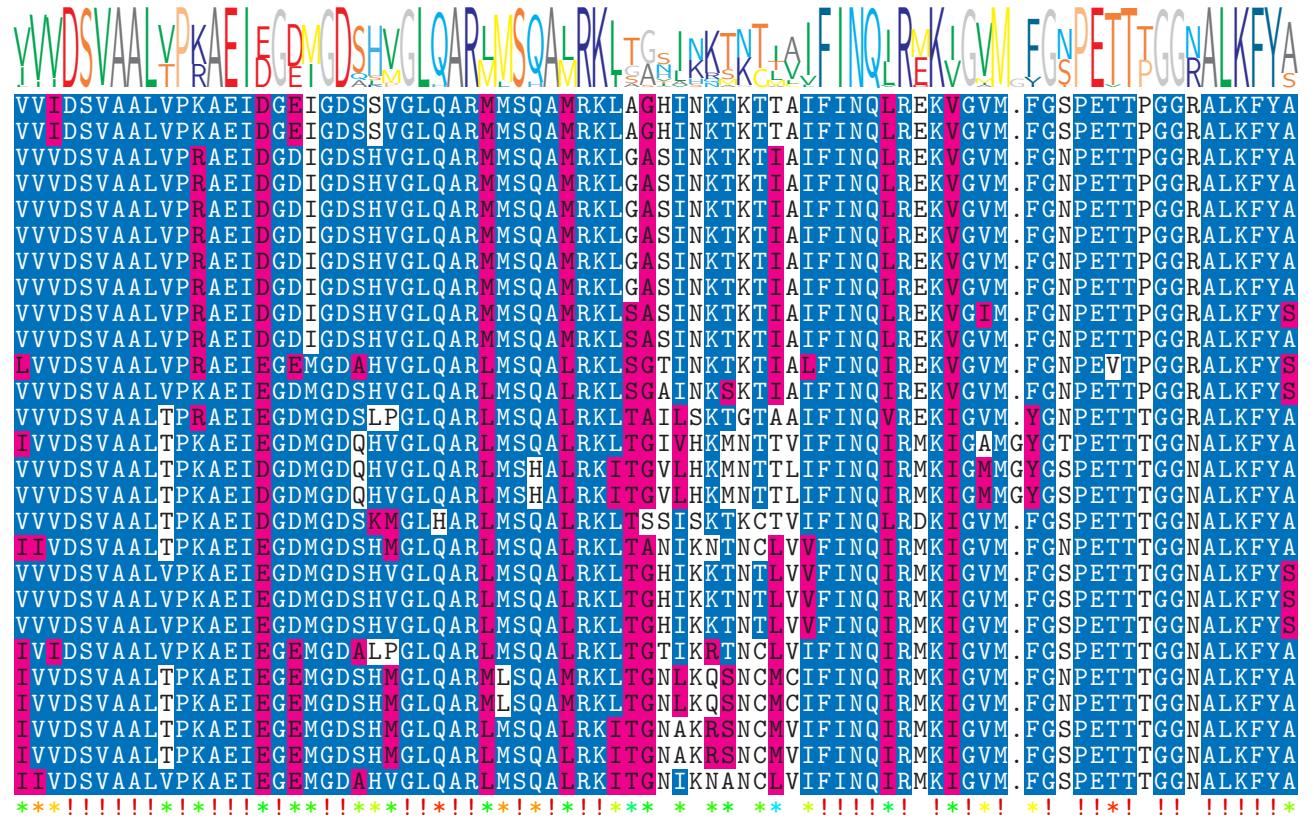


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NTDB id 183012 LLJM3 RS02000 WP 011675413.1
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 NTDB id 115 BSU 16940 NP 389576.2
 NTDB id 1313 DR RS12030 WP 010888966.1
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 NTDB id 1211 C694 RS00795 WP 000963128.1
 NTDB id 1214 NCTC11637 00359 SQJ03206.1
 NTDB id 1334 RAOC RS04870 WP 004918236.1
 NTDB id 1389 A4U84 RS07560 WP 021112712.1
 NTDB id 1130 NGFG RS03960 WP 003688695.1
 NTDB id 1124 NGFG RS03960 WP 003688695.1
 NTDB id 1123 OK783 RS03845 WP 003688695.1
 NTDB id 1427 RS RS02760 WP 011000510.1
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 NTDB id 1142 GTF74 RS11550 WP 000344154.1
 NTDB id 1022 ACIAD RS06390 WP 004925639.1
 NTDB id 1074 ABD1 RS10195 WP 000344167.1
 NTDB id 1205 PSJM300 05545 AFN77183.1
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 NTDB id 1205 PSJM300 05545 AFN77183.1

consensus



DEKIGQGA EKAKNYLKEHQDV FDEIDHKVRAAHGL LDDSEVAETEEETTASKTAKAKKEEKAVETEEIELELED..... 387
 DEKIGQGA EKAKNYLKEHQDV FDEIDHKVRAAHGL LDDSEVAETEEETTASKTAKAKKEEKAVETEEIELELED..... 387
 DEKIGQGS ENAKKYLAEHPEIFDEIDKQVRSKFGL IDGEEVSEQDTENKKDE....PKKEEA..VNEEVPLDLGDELEIE 385
 DEKIGQGS ENAKKYLAEHPEIFDEIDKQVRSKFGL IDGEEVSEQDTENKKDE....PKKEEA..VNEEVPLDLGDELEIE 385
 DEKIGQGS ENAKKYLAEHPEIFDEIDKQVRSKFGL IDGEEVSEQDTENKKDE....PKKEEA..VNEEVPLDLGDELEIE 385
 DEKIGQGS ENAKKYLAEHPEIFDEIDKQVRSKFGL IDGEEVSEQDTENKKDE....PKKEEA..VNEEVPLDLGDELEIE 385
 DEKIGQGS ENAKKYLAENPEIFDEIDHQVVRVQFGL IDGEEIAES....KKDE....AAQVDS..VNEEVTLDLGDELEIE 381
 DEKIGQGS ENAKKYLAENPEVFAEIDHQVVRVQFGL IDGEEAAES....KKDE....VAQVDS..VNEEVTLDLGDELEIE 381
 GEKIGQGS ENAKKFLADNPEIFDDIDHKVVRVQYGL IEEDNTEEKQSSKEK.....ETDEK..ADKNLVLELDDTIELE 382
 GEKIGQGS ENAKRYLADHPQLFDEIDRKVVRVKFGL LEESEEEESAMAVASE.....E.....TDDLALDLNGIEIE 377
 SERIGQGS ENAKNYLADHEDVEDEVRLKVVRAAYGISDVPPEEDLPTTEDE.QI.NILPDDST.....EE..... 355
 EERLGQGS ENAKQFLKENKDIMLMIQEQTREHYGL DNNGVVQQAEETQEEL.EFE.E..... 348
 DERIGQGS KEKTIAYIAERPMEQEIRDRVMAAIRAGNAGEAPALAPAPAAPEAAE..A..... 363
 DKKLGQGS RENSKAFLKENPEIADEITKAIQNSMGT EGMII....SGSEDD..EGE..E..... 343
 DKKLGQGS RENAKALLKEDKALADEITLTKESIGSNEEI....MPLPDE..PLE..EME..... 347
 DKKLGQGS RENAKALLKEDKALADEITLTKESIGSNEEI....MPLPDE..PLE..EME..... 347
 DTKLGQGRD TVKELTKDNPELAEELEAKITREKLQAK..... 343
 GTKIGQGS KNNAVKWLKENPEIADKLEQEIRNTLASNPNS....VLKATASDSND..ESDVVEEFSEEL..... 372
 GAKIGQGS KDNVVRVWLKENPEISDEIDAKIRALNGVEMHI....TEGTQDETDE..R.....PEE..... 348
 GAKIGQGS KDNVVRVWLKENPEISDEIDAKIRALNGVEMHI....TEGTQDETDE..R.....PEE..... 348
 GAKIGQGS KDNVVRVWLKENPEISDEIDAKIRALNGVEMHI....TEGTQDETDE..R.....PEE..... 348
 GERIGQGRD NCREFLRENAELAREIENKVVREHLGVTPMG....AVTLA.EEVVEE..D..... 352
 GDKIGQGS KANACKYLKENPEIAKTLDKKLREMLLNPNEM....QLIAETSSAAD..DVEFGAVPEEF..... 354
 GDKIGQGS KANACKYLKENPEIAKTLDKKLREMLLNPNEM....QLIAETSSAAD..DVEFGAVPEEF..... 354
 GNKIGQGS KNNVIRYLEENPQISTEIEAVIREQLLTKASD....QTAA.HDETEE..EPDLL..ES..... 349
 GNKIGQGS KNNVIRYFEENNQIAEIEIERNIREQLLTTGTN....GAVQ.I.EDEE..EPDLL..LES..... 349
 GSKIGQGS KANAACKYLEENPEIGQEIEQQIRAKLLVTSAN....TKATPVAEDLA..DADI..... 347

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NTDB id 183012 LLJM3 RS02000 WP 011675413.1	...	387
NTDB id 600 KW2 RS01765 WP 011675413.1	...	387
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NTDB id 1205 PSJM300 05545 AFN77183.1	...	347

consensus

 non conserved
 similar
 ≥ 50% conserved