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NTDB id 1399 DSB67 RS15600 WP 010645755.1	.MT...PQNDIDLAAWL.....KLSCLPGIGGVKMNK...LSKDTPSNI.VQY.....STEQL	46
NTDB id 1152 A1552VC RS00200 WP 000654772.1	.....MKDQDLAAWL.....ALCFTPGLGSKTISH...LATRLPAQL.QSF.....TPKQW	43
NTDB id 1361 HI 0985 AAC22646.1	.....MNDITYTTL.....RLMQVPKLGVGIDK...LSNITLNEL.LNY.....DDVAF	42
NTDB id 1388 A4U84 RS04945 WP 062924099.1	.....MTHLTKLL.....ALLQVPQLGAQRIGR...LSEVDFGEF.CQY.....DKTAL	41
NTDB id 1073 ABD1 RS00865 WP 015451369.1	.MLTQLSSHYYHTLKVW.....YL...VQHSLVSFKK...IDYFGNCEKAT.....QPDGLAKW	48
NTDB id 1043 HON27 RS16615 WP 168727007.1	.MLTQLSSHQYHTLKVW.....YL...VQHSLVSFKK...IDYFGNCEKAT.....QPDGLAKW	48
NTDB id 1021 ACIAD RS00975 WP 004930462.1	.MITLSSHYYHTIKVW.....YV...LQHSLSGFKK...IHYFGDCETAL.....QPQRSLDW	48
NTDB id 1314 DR RS00625 WP 010886768.1	MTLPSPAAAHAELLALL.....TLRFTPGLGPRRIEN...RRHFGSAEAAALAPLTEL...RVEGLD...	58
NTDB id 1037 TT RS09535 WP 011174226.1	.....MDPLAL.....ALLPGIGPKRLLV...LKAEDPLGFLRERF.....PEAW	38
NTDB id 114 BSU 16110 NP 389493.1	.M.....DQ.....AAVC.....LTICRINQLLSPS...LLKWKADPSMSLTSPVLQTVTRDQIKA...	49
NTDB id 1094 KZH42 RS01320 WP 002224767.1	.....MTEDERFAWLQLAFT.....PYIGAESFLLLMRRFGSAQNALSAPAEQVAALIRHKQALEAW	57
NTDB id 1089 NMB RS00600 WP 002224767.1	.....MTEDERFAWLQLAFT.....PYIGAESFLLLMRRFGSAQNALSAPAEQVAALIRHKQALEAW	57
NTDB id 1120 NGFG RS10355 WP 020997408.1	.....MTEDERFAWLQLAFT.....PYIGAESFLLLMRSFGSAQNALSAPAEQVAPAVRHKHHALEAW	57
NTDB id 1122 OK783 RS09595 WP 003705341.1	.....MTEDERFAWLQLAFT.....PYIGAESFLLLMRSFGSAQNALSAPAEQVAPAVRHKHHALEAW	57
NTDB id 1250 GC085 RS13065 WP 027219989.1	.M.....NNLQPLLA...NR.....MKRIGPRTVLK...QKRW...PDLNLMFQLSSVDLE...E.AGLPSW	50
NTDB id 25 SA RS06185 WP 000593194.1	.M.....IKLF.LLK...Y.WAHFSTKQIHQFLMAYPNVIKEEGRKKDSYL...CEWVNREEN.VLLL.....	54
NTDB id 40 MW RS06080 WP 000593192.1	.M.....IKLF.LLK...Y.WAHFSTKQIHQFLMAYPNVIKEEGRKKDSYL...CEWVNREEN.VHLL.....	54
NTDB id 599 KW2 RS05940 WP 021037268.1	.M.....ITNFDLFRWK.KAGMTNLGV.....NKL.LK...FRK.YDRKISLRQMG...QVAQV...	45
NTDB id 407 SMU RS04605 WP 002262865.1	.....MDNFQLFK...K.KAGLTNLNI.....LNI.IDY...EER.TQKSLSLRDMA...VVSKN...	44
NTDB id 525 SMSK321 RS06295 WP 000705298.1	MK.....ITNYEYIK...K.KSGLTNQQI.....LKV...LEYGEN.VDQELLGDI...DISGC...	46
NTDB id 267 KZH43 RS05590 WP 000705306.1	MK.....ITNYEYIK...K.KSGLTNQQI.....LKV...LEYGEN.VDQELLGDI...DISGC...	46
NTDB id 226 SPD RS05990 WP 000705306.1	MK.....ITNYEYIK...K.KSGLTNQQI.....LKV...LEYGEN.VDQELLGDI...DISGC...	46
NTDB id 192 SPR RS05715 WP 000705306.1	MK.....ITNYEYIK...K.KSGLTNQQI.....LKV...LEYGEN.VDQELLGDI...DISGC...	46
NTDB id 157 SP RS06205 WP 000705306.1	MK.....ITNYEYIK...K.KSGLTNQQI.....LKV...LEYGEN.VDQELLGDI...DISGC...	46
NTDB id 497 SM12261 RS05565 WP 000705318.1	MK.....ITNYEYIK...K.KSGLTNQQV.....LAV...LEYGEN.VDQELLGDI...EISGC...	46
NTDB id 1158416 P6S15 RS15655 WP 318766100.1	.....TKNQQLLLK...VHLAAGFGTISE.....LR...AA...LSTSHNWALSALEIA...QIARLP...	0
NTDB id 626 LCA RS04960 WP 011374694.1	ML.....TKNQQLLLK...VHLAAGFGTISE.....LR...AA...LSTSHNWALSALEIA...QIARLP...	49
consensusTKNQQLLLK...VHLAAGFGTISE.....LR...AA...LSTSHNWALSALEIA...QIARLP...	

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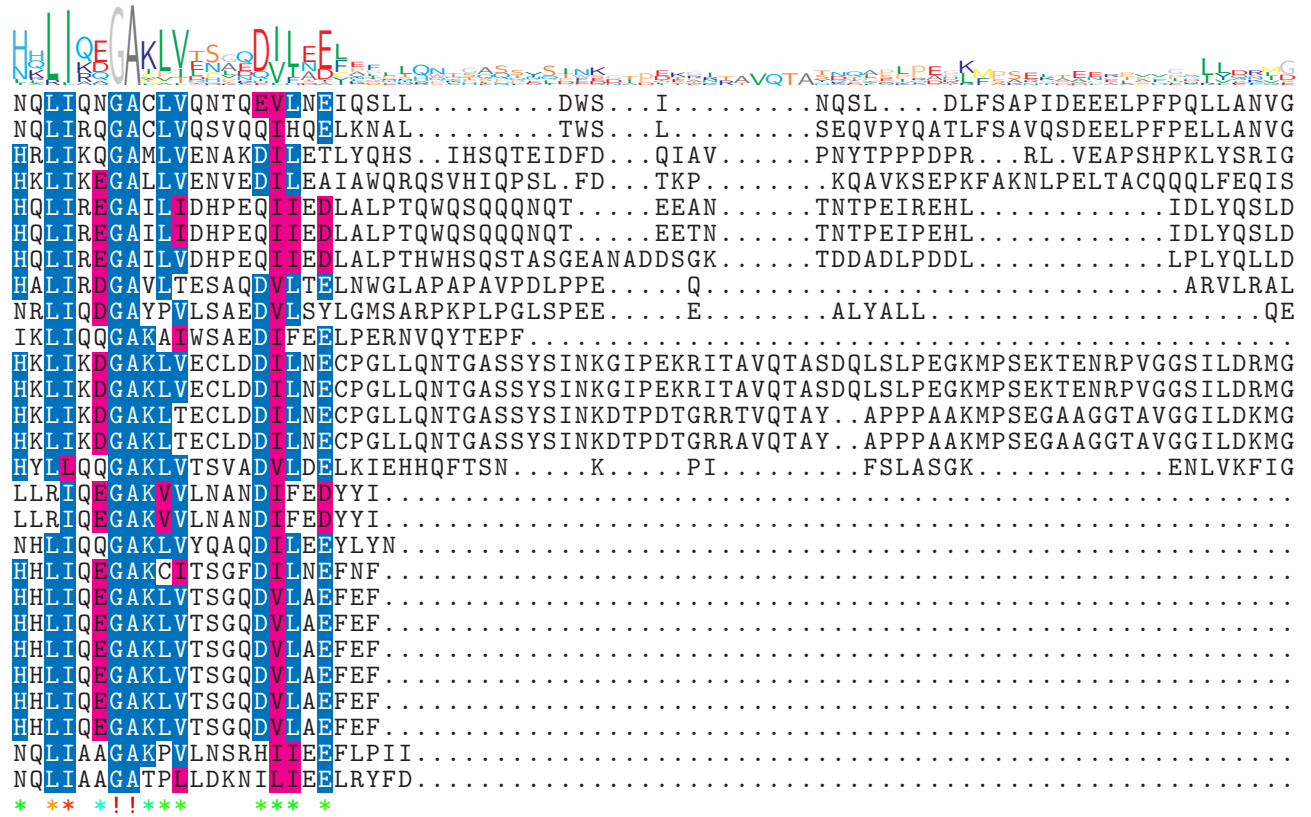
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NTDB id 1399 DSB67 RS15600 WP 010645755.1	PQTIAMVGSRNASVDGLQHTRTFASDILVQHDIIIVTSGLALGIDGHAHDCALLA GCKTIAVLCSGLEQVYYPARHIGL	189
NTDB id 1152 A1552VC RS00200 WP 000654772.1	PAVAIVGSRNASVDGRQIARQFATELAQSGLVVTSGLALGIDGYAHDCAALQA QQQTIAVLCSGLEAQVYYPKQHQGL	187
NTDB id 1361 HI 0985 AAC22646.1	RQMAMVGSRYCTTYGEYWAKHFATELSLAGFTITSGLALGIDGHCHQAVVNI QQQTIAVLCSGLEQIYPSKHQRL	185
NTDB id 1388 A4U84 RS04945 WP 062924099.1	PQIAIVGSRDYSHYCEHWAGHFSAEIVKHQIAVTSGLAIGIDGFCHQRAANE NCITIAVLCSGLDQVYYPARHIGL	184
NTDB id 1073 ABD1 RS00865 WP 015451369.1	PQIAIVGSRKPSPHGRQVAYDFAYYLSSEKGFYITSSGLAYGIDEAAHQCSAHS QRTIAVITGTGLDTPYPAQNKKL	194
NTDB id 1043 HON27 RS16615 WP 168727007.1	PQIAIVGSRKPSPHGRQVAYDFAYYLSSEKGFYITSSGLAYGIDEAAHQCSAHS QRTIAVITGTGLDTPYPAQNKKL	194
NTDB id 1021 ACIAD RS00975 WP 004930462.1	PQIAIVGSRKPSPHGRQVAYDFSYFLSEKGFYITSSGLAHGIDEAAHQCSLVH HRAIAVITGTGLDLCYPSGNKAL	194
NTDB id 1314 DR RS00625 WP 010886768.1	HSVGVIGTRAAASPHALALTRTIAGELAAAGVLIIVSGLARGVDTAHTAALEAASGEASSFTIGVLCSAVDVIYPRENHDL	208
NTDB id 1037 TT RS09535 WP 011174226.1	EAVAVIGTRRASPWALAFARKLARELSEAGLWVIVSGLARGIDREAHLCALAEA GCRILGVLCGSLDRVYYPENRPL	169
NTDB id 114 BSU 16110 NP 389493.1	RKIGVIGTRNPTIAYCKQVNVNHLTKEICRKGWVIVSGLASGIDGMSHAASTKA KCRITIGVIAAGGFQHIYPRENLQL	186
NTDB id 1094 KZH42 RS01320 WP 002224767.1	PSAAIVGSRHATPQAMRIAKDFGKSLGGKGIPTVSCMASGIDTAAHQCALQA EGGTIAVWGTGIDRIYPPVKNL	192
NTDB id 1089 NMB RS00600 WP 002224767.1	PSAAIVGSRHATPQAMRIAKDFGKSLGGKGIPTVSCMASGIDTAAHQCALQA EGGTIAVWGTGIDRIYPPVKNL	192
NTDB id 1120 NGFG RS10355 WP 020997408.1	PSAAIVGSRHATPQAMRIAKDFGRALGGKGIPTVSCMASGIDTAAHQCALEA EGGTIAVWGTGIDRIYPPANL	192
NTDB id 1122 OK783 RS09595 WP 003705341.1	PSAAIVGSRHATPQAMRIAKDFGRALGGKGIPTVSCMASGIDTAAHQCALEA EGGTIAVWGTGIDRIYPPANL	192
NTDB id 1250 GC085 RS13065 WP 027219989.1	PSLAIVGSRNASVTCNENARAFSREISRHGVSIVSGLALGIDAHAHLCLEG GCKTIAVLGTGIDCIYPRRHKL	186
NTDB id 25 SA RS06185 WP 000593194.1	HHLAVVGARDSTSYTQQSLEFLLSNDKSKYLTIVSGLAQCADAMAHQIALKY NLPTIAVLAFGHQTHYPKSTLAL	188
NTDB id 40 MW RS06080 WP 000593192.1	HHLAVVGARDSTSYTQQSLEFLLSNDKSKYLTIVSGLAQCADAMAHQIALKY NLPTIAVLAFGHQTHYPKSTLAL	188
NTDB id 599 KW2 RS05940 WP 021037268.1	PKLAFVGSRLAGQSGIKSVQKIVTELNQ.SFTIVSGLAKGIDTASHLSAATKT KPTIAVITGTGLDIFYPLENRKL	179
NTDB id 407 SMU RS04605 WP 002262865.1	PKLAVVGSRNASQMGVAAVKKIIQDLISK.QFVIIVSGLARGIDTAAHLASLKS GGATIAVITGTGLDVHYPKENRRL	178
NTDB id 525 SMSK321 RS06295 WP 000705298.1	PKVAVVGSRSCKQCAKSVEKIIQGLLEN.EIVIVSGLAKGIDTAAHMAALQN GCKTIAVITGTGLDVFPKANRRL	180
NTDB id 267 KZH43 RS05590 WP 000705306.1	PKVAVVGSRACSKQCAKSVEKVIQGLLEN.EIVIVSGLAKGIDTAAHMAALQN GCKTIAVITGTGLDVFPKANRRL	180
NTDB id 226 SPD RS05990 WP 000705306.1	PKVAVVGSRACSKQCAKSVEKVIQGLLEN.EIVIVSGLAKGIDTAAHMAALQN GCKTIAVITGTGLDVFPKANRRL	180
NTDB id 192 SPR RS05715 WP 000705306.1	PKVAVVGSRACSKQCAKSVEKVIQGLLEN.EIVIVSGLAKGIDTAAHMAALQN GCKTIAVITGTGLDVFPKANRRL	180
NTDB id 157 SP RS06205 WP 000705306.1	PKVAVVGSRACSKQCAKSVEKVIQGLLEN.EIVIVSGLAKGIDTAAHMAALQN GCKTIAVITGTGLDVFPKANRRL	180
NTDB id 497 SM12261 RS05565 WP 000705318.1	PKVAVVGSRACSKQCAKSVEKVIQGLLEN.EIVIVSGLAKGIDTAAHMAALQN GCKTIAVITGTGLDVFPKANRRL	180
NTDB id 1158416 P6S15 RS15655 WP 318766100.1	RKLAVVGARQSTSYGARCVSRLLTPLVPEKLTIVSGLAVGIDGWSHRTALNC GLPTIAVITGTGLDAYYPRENATL	78
NTDB id 626 LCA RS04960 WP 011374694.1	PCLAVVGARQATHYSKQSLEQLLQGLT..ATTIIVSGLAQCADAMAHEVALQR GLAPITGVITGTGLNCSYPPQNEHL	184
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NTDB id 1399 DSB67 RS15600 WP 010645755.1
 NTDB id 1152 A1552VC RS00200 WP 000654772.1
 NTDB id 1361 HI 0985 AAC22646.1
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 NTDB id 1021 ACIAD RS00975 WP 004930462.1
 NTDB id 1314 DR RS00625 WP 010886768.1
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 NTDB id 114 BSU 16110 NP 389493.1
 NTDB id 1094 KZH42 RS01320 WP 002224767.1
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 NTDB id 1120 NGFG RS10355 WP 020997408.1
 NTDB id 1122 OK783 RS09595 WP 003705341.1
 NTDB id 1250 GC085 RS13065 WP 027219989.1
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 NTDB id 1158416 P6S15 RS15655 WP 318766100.1
 NTDB id 626 LCA RS04960 WP 011374694.1
 consensus



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NTDB id 1399 DSB67 RS15600 WP 010645755.1	NEATPVDILASRTNIPVQEVMMQLELELSGHVVAVSGGYIRKGRG.	369
NTDB id 1152 A1552VC RS00200 WP 000654772.1	IEATPIDILASRTQIPVQDIMMQLLELELLGHVVAVPPGGYIRKGRG.	371
NTDB id 1361 HI 0985 AAC22646.1	YTPVSIDDLAEFFNLSVDVLLVQLLDLELQDLIISENGLYKRV....	373
NTDB id 1388 A4U84 RS04945 WP 062924099.1	LEPISVDDDLAKATDMAVETALIELLNLELLGVVKQVRGGYVIT....	375
NTDB id 1073 ABD1 RS00865 WP 015451369.1	WVGQNIQDLVVHNNIPVSELTSSLMLELLGLCMQQSGLYLRCRS..	376
NTDB id 1043 HON27 RS16615 WP 168727007.1	WVGQNIQDLVVHNNIPVSELTSSLMLELLGLCMQQSGLYLRCRS..	376
NTDB id 1021 ACIAD RS00975 WP 004930462.1	WQQQDLQDLAQHYQGSTAELTAQLMELELLGVCIQQSGRYLRCRSPY	383
NTDB id 1314 DR RS00625 WP 010886768.1	QTPATLDDLAATTGLSIPELQ TALVMLQLQGLAYEVGG.RWSR....	370
NTDB id 1037 TT RS09535 WP 011174226.1	KKEALPEALAMALGIPPERVLSLLTLELELKGLARALPGGRYGGP...	334
NTDB id 114 BSU 16110 NP 389493.1	.....	297
NTDB id 1094 KZH42 RS01320 WP 002224767.1	FDPVHPDVLQAGQLAMPAADLYAALLELELDGSAAMPGGRYQRIRT.	397
NTDB id 1089 NMB RS00600 WP 002224767.1	FDPVHPDVLQAGQLAMPAADLYAALLELELDGSAAMPGGRYQRIRT.	397
NTDB id 1120 NGFG RS10355 WP 020997408.1	FDPIHPDVLQAGQLAMPAADLYAALLELELDGSAAMPGGRYQRIRT.	395
NTDB id 1122 OK783 RS09595 WP 003705341.1	FDPVHPDVLQAGQLAMPAADLYAALLELELDGSAAMPGGRYQRIRT.	395
NTDB id 1250 GC085 RS13065 WP 027219989.1	FETTTIDQIIDRSGYGMQVTSGLAELELKGAIVAVPGGYIRCEYER	361
NTDB id 25 SA RS06185 WP 000593194.1	.....	290
NTDB id 40 MW RS06080 WP 000593192.1	.....	290
NTDB id 599 KW2 RS05940 WP 021037268.1	.....	282
NTDB id 407 SMU RS04605 WP 002262865.1	.....	280
NTDB id 525 SMSK321 RS06295 WP 000705298.1	.....	282
NTDB id 267 KZH43 RS05590 WP 000705306.1	.....	282
NTDB id 226 SPD RS05990 WP 000705306.1	.....	282
NTDB id 192 SPR RS05715 WP 000705306.1	.....	282
NTDB id 157 SP RS06205 WP 000705306.1	.....	282
NTDB id 497 SM12261 RS05565 WP 000705318.1	.....	282
NTDB id 1158416 P6S15 RS15655 WP 318766100.1	.....	182
NTDB id 626 LCA RS04960 WP 011374694.1	.....	288

consensus

- X non conserved
- X similar
- X ≥ 50% conserved