

NTDB id 601 KW2 RS02615 WP 021036805.1	MLCQNCNINEA.....TI	13
NTDB id 378 SMU RS02690 WP 002263569.1	MLCQNCNINEA.....TI	13
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NTDB id 281 KZH43 RS03550 WP 000882517.1	MLCQNCNINDS.....TI	13
NTDB id 245 SPD RS03860 WP 000882517.1	MLCQNCNINDS.....TI	13
NTDB id 243 SPR RS03635 WP 000882517.1	MLCQNCNINDS.....TI	13
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NTDB id 85 BSU 00860 NP 387967.1	..MMFGRFTERAQKVLALAQEEALRLGHNNIGTEHILLGLVREGEGLAAKALQALGLGSEKIQKEVESLIG.....RGQEMS	75
NTDB id 610 V4T04 RS10165 WP 012897346.1	MKFENIKYPTPLDRILEKAEYEAHQYQYGTIESAHLILAAMATTSGSTAYSLLAGMNVDDSSDLLIDL.....EDLSSHVKVKR	77
NTDB id 290 KZH43 RS10025 WP 001109677.1	MNYSKALNECIESAYMVA GHFGARYLESWHLLIAMSNHSYSVAGATLNDYPYEMDRLE.....EVALELTETDYSQDET	75
NTDB id 289 SPD RS10700 WP 001109677.1	MNYSKALNECIESAYMVA GHFGARYLESWHLLIAMSNHSYSVAGATLNDYPYEMDRLE.....EVALELTETDYSQDET	75
NTDB id 287 SP RS11210 WP 001109712.1	MNYSKALNECIESAYMVA GHFGARYLESWHLLIAMSNHSYSVAGATLNDYPYEMDRLE.....EVALELTETDYSQDET	75
NTDB id 377 SMU RS09275 WP 002262344.1	...MTDYSLKMQEVFRLAQFEAARFESSYLESWHVLLAMVEIDSSVAGLSFAEFADVRFEDYQAAAILAIGKKPKSSSN..DI	79
NTDB id 297 STER RS00545 WP 011680614.1	...MTIYSRKMQAIFHRAQLEAERFESPFLETWHVLLAMVEVTGSAVYLTFTDFEDRIHSEEIETA AVLAMEKRPKDLSESDI	81
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consensus	*** * * * * *	

Accession	Species	Gene	Protein	Consensus
NTDB id 601 KW2 RS02615 WP 021036805.1	<i>Hydrolyticum</i>	<i>HYLTSVNGQKKQIDLCQNCYQI...MKS</i>	<i>GGQEALFGAGNASNGNSDE...PFNP.FND</i>	<i>IFSAIGQ.DFNGAASNQ</i>
NTDB id 378 SMU RS02690 WP 002263569.1	<i>Hydrolyticum</i>	<i>HYANVNCQKKQIDLCQNCYQI...MKTDP</i>	<i>ENGPLNHISQQNSSS...INPFFD</i>	<i>DFFGDLNNFRAFNNQDLPN</i>
NTDB id 241 SP RS04015 WP 000882523.1	<i>Hydrolyticum</i>	<i>HYTNLNGKQKKQIDLCQNCYKI...IKTDP</i>	<i>NNSLFKGMTDLNNRD...FDP.FGD</i>	<i>FFNDLNNFRPSSN..TPP</i>
NTDB id 281 KZH43 RS03550 WP 000882517.1	<i>Hydrolyticum</i>	<i>HYTNLNGKQKKQIDLCQNCYKI...IKTDP</i>	<i>NNSLFKGMTDLNNRD...FDP.FGD</i>	<i>FFNDLNNFRPSSN..TPP</i>
NTDB id 245 SPD RS03860 WP 000882517.1	<i>Hydrolyticum</i>	<i>HYTNLNGKQKKQIDLCQNCYKI...IKTDP</i>	<i>NNSLFKGMTDLNNRD...FDP.FGD</i>	<i>FFNDLNNFRPSSN..TPP</i>
NTDB id 243 SPR RS03635 WP 000882517.1	<i>Hydrolyticum</i>	<i>HYTNLNGKQKKQIDLCQNCYKI...IKTDP</i>	<i>NNSLFKGMTDLNNRD...FDP.FGD</i>	<i>FFNDLNNFRPSSN..TPP</i>
NTDB id 140327 KD35 RS01830 WP 000971179.1	<i>Hydrolyticum</i>	<i>QTVHYTPRAKKVIELSMDEARKLGHSYV</i>	<i>GTEHILLGLIREGEGVAARVLNNLGVSLNKARQQVLQ..LLGSNE</i>	
NTDB id 85 BSU 00860 NP 387967.1	<i>Hydrolyticum</i>	<i>QTIHYTPRAKKVIELSMDEARKLGHSYV</i>	<i>GTEHILLGLIREGEGVAARVLNNLGVSLNKARQQVLQ..LLGSNE</i>	
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NTDB id 290 KZH43 RS10025 WP 001109677.1	<i>Hydrolyticum</i>	<i>TELPFSRRLQILFDEAEYVASVHAKVLG</i>	<i>TEHVLVAILHDSNALATRIERAGFSYEDKKDQVKIAALRRNLEERAGWTREDLKA</i>	
NTDB id 289 SPD RS10700 WP 001109677.1	<i>Hydrolyticum</i>	<i>TELPFSRRLQILFDEAEYVASVHAKVLG</i>	<i>TEHVLVAILHDSNALATRIERAGFSYEDKKDQVKIAALRRNLEERAGWTREDLKA</i>	
NTDB id 287 SP RS11210 WP 001109712.1	<i>Hydrolyticum</i>	<i>TELPFSRRLQVLFDEAEYVASVHAKVLG</i>	<i>TEHVLVAILHDSNALATRIERAGFSYEDKKDQVKIAALRRNLEERAGWTREDLKA</i>	
NTDB id 377 SMU RS09275 WP 002262344.1	<i>Hydrolyticum</i>	<i>MILEQSHALKRTLAEEAAISQVTHAKEVG</i>	<i>TEHVLFAMLLNPNLLATRIELVGFHAKDDGESIRLLDLRKVITERYAGFSKEDIKA</i>	
NTDB id 329 STER RS00545 WP 011680614.1	<i>Hydrolyticum</i>	<i>DLRAQSPALEAMLQEAQEIASVTGAVEVG</i>	<i>SEHVLMAFLLHKDLMVCRLLEVAGFQYKDDSDKPRIIDLRRSLERNAGLSKQDLKA</i>	
NTDB id 297 STU RS10020 WP 011225298.1	<i>Hydrolyticum</i>	<i>DLRAQSPALEAMLQEAQGIASVTGAVEVG</i>	<i>SEHVLMAFLLHKDLMVCRLLEVAGFQYKDDSDKPRIIDLRRSLERNAGLSKQDLKA</i>	
consensus		<i>* * * * *</i>	<i>* * * * * * * * * * * * * *</i>	<i>* * * *</i>

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consensus



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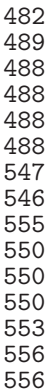
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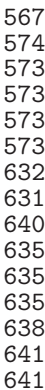
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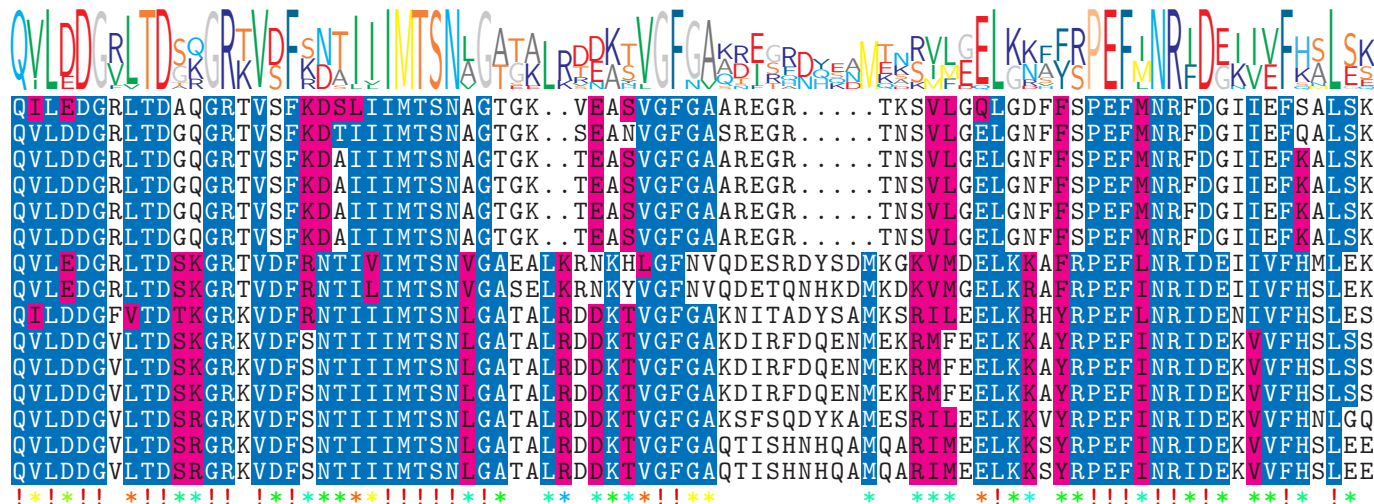
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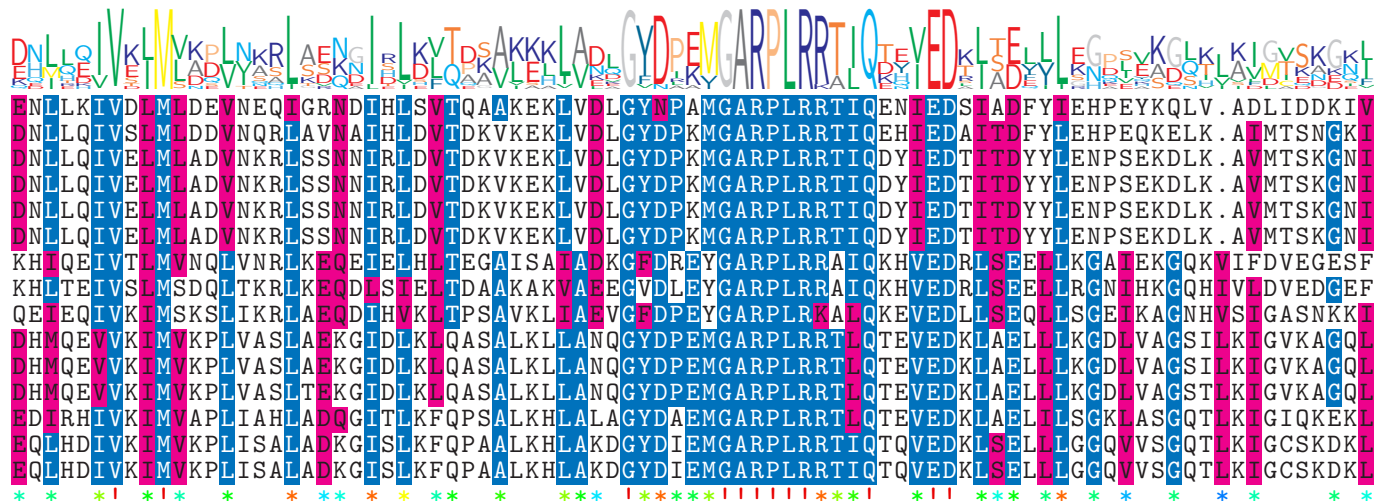
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consensus

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consensus		



-  non conserved
-  similar
-  ≥ 50% conserved