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NTDB id 1036742 ACB350 RS01415 WP 030127656.1	MKKSKWLAAGVALLSVGLAACSSKSNSTSG	80
NTDB id 475 HSISS4 RS07005 WP 021143809.1	MKKSKWLAAGVALLSVGLAACSSKSNSTSG	76
NTDB id 324 STU RS16140 WP 011226306.1	MKKSKWLAAGVALLSVGLAACSSKSNSTSG	76
NTDB id 292 STER RS06940 WP 011681419.1	MKKSKWLAAGVALLSVGLAACSSKSNSTSG	76
consensus	!!!!!!!!!!!!!!	

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NTDB id 1036742 ACB350 RS01415 WP 030127656.1	PSVAEDWSVSKDGLTYTYKIRKGYKMYTSEGEEYAVTAKDFVTGLKHAADSKAGGLYLVDQSIAGLSDYLSGYNKDFSN	159
NTDB id 475 HSISS4 RS07005 WP 021143809.1	PSVAEDWSVSKDGLTYTYKIRKGYKMYTSEGEEYAVTAKDFVTGLKHAADSKAGGLYLVDQSIAGLSDYLSGYNKDFSN	156
NTDB id 324 STU RS16140 WP 011226306.1	PSVAEDWSVSKDGLTYTYKIRKGYKMYTSEGEEYAVTAKDFVTGLKHAADSKAGGLYLVDQSIAGLSDYLSGYNKDFSN	156
NTDB id 292 STER RS06940 WP 011681419.1	PSVAEDWSVSKDGLTYTYKIRKGYKMYTSEGEEYAVTAKDFVTGLKHAADSKAGGLYLVDQSIAGLSDYLSGYNKDFSN	156
consensus	!!!!!!!!!!!!!!	

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NTDB id 1036742 ACB350 RS01415 WP 030127656.1	VGKKAIDDDYTLQYTLKQPEPYWNSKTTYSLFVNVEDFLKNKGKDFGKSTDPSTSLYNGPFLLKSLTAKSSIELVKNENY	238
NTDB id 475 HSISS4 RS07005 WP 021143809.1	VGKKAIDDDYTLQYTLKQPEPYWNSKTTYSLFVNVEDFLKNKGKDFGKSTDPSTSLYNGPFLLKSLTAKSSIELVKNENY	236
NTDB id 324 STU RS16140 WP 011226306.1	VGKKAIDDDYTLQYTLKQPEPYWNSKTTYSLFVNVEDFLKNKGKDFGKSTDPSTSLYNGPFLLKSLTAKSSIELVKNENY	236
NTDB id 292 STER RS06940 WP 011681419.1	VGKKAIDDDYTLQYTLKQPEPYWNSKTTYSLFVNVEDFLKNKGKDFGKSTDPSTSLYNGPFLLKSLTAKSSIELVKNENY	236
consensus	!!!!!!!!!!!!!!	

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NTDB id 1036742 ACB350 RS01415 WP 030127656.1	WDKKNVHFDIAIKLSYYDGSDDQALVRGFTDGAYNFARVPTSSNYSSVEKKYKDNLYYTAPGASTSAIGINLDRQSYKYT	318
NTDB id 475 HSISS4 RS07005 WP 021143809.1	WDKKNVHFDIAIKLSYYDGSDDQALVRGFTDGAYNFARVPTSSNYSSVEKKYKDNLYYTAPGASTSAIGINLDRQSYKYT	316
NTDB id 324 STU RS16140 WP 011226306.1	WDKKNVHFDIAIKLSYYDGSDDQALVRGFTDGAYNFARVPTSSNYSSVEKKYKDNLYYTAPGASTSAIGINLDRQSYKYT	316
NTDB id 292 STER RS06940 WP 011681419.1	WDKKNVHFDIAIKLSYYDGSDDQALVRGFTDGAYNFARVPTSSNYSSVEKKYKDNLYYTAPGASTSAIGINLDRQSYKYT	316
consensus	!!!!!!!!!!!!!!	

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NTDB id 1036742 ACB350 RS01415 WP 030127656.1	AKKTDSEKSSSTKKALLNKDFRQAIFAIIDRKAQSQINGKDQATLAYRNLFVPSDFVSAGDKTFGDLVTEKMSSYGDEWS	397
NTDB id 475 HSISS4 RS07005 WP 021143809.1	AKKTDSEKSSSTKKALLNKDFRQAIFAIIDRKAQSQINGKDQATLAYRNLFVPSDFVSAGDKTFGDLVTEKMSSYGDEWS	396
NTDB id 324 STU RS16140 WP 011226306.1	AKKTDSEKSSSTKKALLNKDFRQAIFAIIDRKAQSQINGKDQATLAYRNLFVPSDFVSAGDKTFGDLVTEKMSSYGDEWS	396
NTDB id 292 STER RS06940 WP 011681419.1	AKKTDSEKSSSTKKALLNKDFRQAIFAIIDRKAQSQINGKDQATLAYRNLFVPSDFVSAGDKTFGDLVTEKMSSYGDEWS	396
consensus	!!!!!!!!!!!!!!	

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NTDB id 1036742 ACB350 RS01415 WP 030127656.1	GVNLAADQDGLYNAEKAKTEFAKAKEALQADGVQFPIHLDLPVDQSSKLNVAQAQSLKQTIIEKSLGSENVVIDYNQLSSD	477
NTDB id 475 HSISS4 RS07005 WP 021143809.1	GVNLAADQDGLYNAEKAKTEFAKAKEALQADGVQFPIHLDLPVDQSSKLNVAQAQSLKQTIIEKSLGSENVVIDYNQLSSD	476
NTDB id 324 STU RS16140 WP 011226306.1	GVNLAADQDGLYNAEKAKTEFAKAKEALQADGVQFPIHLDLPVDQSSKLNVAQAQSLKQTIIEKSLGSENVVIDYNQLSSD	476
NTDB id 292 STER RS06940 WP 011681419.1	GVNLAADQDGLYNAEKAKTEFAKAKEALQADGVQFPIHLDLPVDQSSKLNVAQAQSLKQTIIEKSLGSENVVIDYNQLSSD	476
consensus	!!!!!!!!!!!!!!	

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consensus



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logo

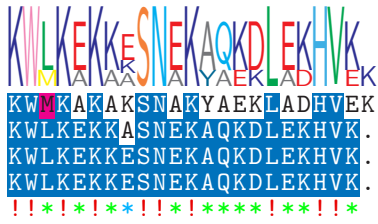
NTDB id 1036742 ACB350 RS01415 WP 030127656.1
NTDB id 475 HSISS4 RS07005 WP 021143809.1
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consensus



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NTDB id 324 STU RS16140 WP 011226306.1
NTDB id 292 STER RS06940 WP 011681419.1
consensus



656
656
657
657

X non conserved
X similar
X ≥ 50% conserved