

logo

NTDB id 25834 MGAS9429 RS01400 WP 024623426.1	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 25834 MGAS9429 RS01400 WP 024623426.1	PSVAEDWSVSKDGLTYTYKIRKGYKMYTSEGEEYAVTAKDFVTGLKHAADSKAGGLYLVDQSIAGLSDYLSGINKDFSN	159
NTDB id 475 HSISS4 RS07005 WP 021143809.1	PSVAEDWSVSKDGLTYTYKIRKGYKMYTSEGEEYAVTAKDFVTGLKHAADSKAGGLYLVDQSIAGLSDYLSGINKDFSN	156
NTDB id 324 STU RS16140 WP 011226306.1	PSVAEDWSVSKDGLTYTYKIRKGYKMYTSEGEEYAVTAKDFVTGLKHAADSKAGGLYLVDQSIAGLSDYLSGINKDFSN	156
NTDB id 292 STER RS06940 WP 011681419.1	PSVAEDWSVSKDGLTYTYKIRKGYKMYTSEGEEYAVTAKDFVTGLKHAADSKAGGLYLVDQSIAGLSDYLSGINKDFSN	156
consensus	!!!!!!!!!!!!!!	

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NTDB id 25834 MGAS9429 RS01400 WP 024623426.1	VGKKAIDDDYTLQYTLKQPEPYWNSKTTYSLFVNVEDFLKNGKDFGKSTDPSTSLYNGPFLLKSLTAKSSIELVKNENY	238
NTDB id 475 HSISS4 RS07005 WP 021143809.1	VGKKAIDDDYTLQYTLKQPEPYWNSKTTYSLFVNVEDFLKNGKDFGKSTDPSTSLYNGPFLLKSLTAKSSIELVKNENY	236
NTDB id 324 STU RS16140 WP 011226306.1	VGKKAIDDDYTLQYTLKQPEPYWNSKTTYSLFVNVEDFLKNGKDFGKSTDPSTSLYNGPFLLKSLTAKSSIELVKNENY	236
NTDB id 292 STER RS06940 WP 011681419.1	VGKKAIDDDYTLQYTLKQPEPYWNSKTTYSLFVNVEDFLKNGKDFGKSTDPSTSLYNGPFLLKSLTAKSSIELVKNENY	236
consensus	!!!!!!!!!!!!!!	

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NTDB id 25834 MGAS9429 RS01400 WP 024623426.1	WDKKNVHFDIAIKLSYYDGSDDQALVRGFTDGAYSEARVYPTSSNYASVEKKYKDNLYYTAPGASTSAIGINLDRQSYKYT	318
NTDB id 475 HSISS4 RS07005 WP 021143809.1	WDKKNVHFDIAIKLSYYDGSDDQALVRGFTDGAYSEARVYPTSSNYASVEKKYKDNLYYTAPGASTSAIGINLDRQSYKYT	316
NTDB id 324 STU RS16140 WP 011226306.1	WDKKNVHFDIAIKLSYYDGSDDQALVRGFTDGAYSEARVYPTSSNYASVEKKYKDNLYYTAPGASTSAIGINLDRQSYKYT	316
NTDB id 292 STER RS06940 WP 011681419.1	WDKKNVHFDIAIKLSYYDGSDDQALVRGFTDGAYSEARVYPTSSNYASVEKKYKDNLYYTAPGASTSAIGINLDRQSYKYT	316
consensus	!!!!!!!!!!!!!!	

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NTDB id 25834 MGAS9429 RS01400 WP 024623426.1	AKKTDSEKSSSTKKALLNKDFRQAIFAIIDRKAYQSQINGKDGATLAYRNLFVPSDFVSAGDKTFGDLVTEKMSSYGDEWS	397
NTDB id 475 HSISS4 RS07005 WP 021143809.1	AKKTDSEKSSSTKKALLNKDFRQAIFAIIDRKAYQSQINGKDGATLAYRNLFVPSDFVSAGDKTFGDLVTEKMSSYGDEWS	396
NTDB id 324 STU RS16140 WP 011226306.1	AKKTDSEKSSSTKKALLNKDFRQAIFAIIDRKAYQSQINGKDGATLAYRNLFVPSDFVSAGDKTFGDLVTEKMSSYGDEWS	396
NTDB id 292 STER RS06940 WP 011681419.1	AKKTDSEKSSSTKKALLNKDFRQAIFAIIDRKAYQSQINGKDGATLAYRNLFVPSDFVSAGDKTFGDLVTEKMSSYGDEWS	396
consensus	!!!!!!!!!!!!!!	

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NTDB id 25834 MGAS9429 RS01400 WP 024623426.1	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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NTDB id 25834 MGAS9429 RS01400 WP 024623426.1

NTDB id 475 HSISS4 RS07005 WP 021143809.1

NTDB id 324 STU RS16140 WP 011226306.1

NTDB id 292 STER RS06940 WP 011681419.1

consensus

556
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555
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logo

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NTDB id 475 HSISS4 RS07005 WP 021143809.1

NTDB id 324 STU RS16140 WP 011226306.1

NTDB id 292 STER RS06940 WP 011681419.1

consensus

633
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635
635

logo

NTDB id 25834 MGAS9429 RS01400 WP 024623426.1

NTDB id 475 HSISS4 RS07005 WP 021143809.1

NTDB id 324 STU RS16140 WP 011226306.1

NTDB id 292 STER RS06940 WP 011681419.1

consensus

656
656
657
657

- non conserved
- similar
- ≥ 50% conserved