

NTDB id 146 SP RS08570 WP 000614538.1	MIQIGKIFAGRYRIVKQIGRGGMADVYLAKDLILDGEEVAVKVLRRTNYQTDPPIAARFQREARAMADLDHPIVRITDIGEEDGQ	85
NTDB id 216 SPD RS08205 WP 000614552.1	MIQIGKIFAGRYRIVKQIGRGGMADVYLAKDLILDGEEVAVKVLRRTNYQTDPPIAARFQREARAMADLDHPIVRITDIGEEDGQ	85
NTDB id 182 SPR RS07820 WP 000614552.1	MIQIGKIFAGRYRIVKQIGRGGMADVYLAKDLILDGEEVAVKVLRRTNYQTDPPIAARFQREARAMADLDHPIVRITDIGEEDGQ	85
NTDB id 257 KZH43 RS07655 WP 220041236.1	MIQIGKIFAGRYRIVKQIGRGGMADVYLAKDLILDGEEVAVKVLRRTNYQTDPPIAARFQREARAMADLDHPIVRITDIGEEDGQ	85
NTDB id 467 HSISS4 RS06915 WP 021143821.1	MIQVGKLFAGRYRI LKS IGRGGMADVYLANDLILDN EEA VTKVLRTNYQT D QVAVARFQREARAMAE LSHPN IVAIR DIGEEDGQ	85
NTDB id 82853 H7676 RS06125 WP 031488508.1	MIQIGKIFAGRYRI LKS IGRGGMADVYLANDLILDN EDVAIKVLRTNYQT D QVAVARFQREARAMAE LNHPN IVAIR DIGEEDGQ	85
NTDB id 384 SMU RS02325 WP 002263039.1	MIQIGKLFAGRYRI LQS IGRGGMADVYLANDLILDN EEVAIKVLRTNYQT D QVAVTRFQREARAMAE LNHPN IVAIR DIGEEDGQ	85
consensus	* * * * *	

NTDB id 146	SP	RS08570	WP	000614538.1	QYLAMEYVAGLDLKRYIKEHYPLSNEEAVRIMGQILLAMRLAHTRGIVHRDLKPQNILLTPDGTAKVTDFGIAVAFSAETSLSLTQTNT	170
NTDB id 216	SPD	RS08205	WP	000614552.1	QYLAMEYVAGLDLKRYIKEHYPLSNEEAVRIMGQILLAMRLAHTRGIVHRDLKPQNILLTPDGTAKVTDFGIAVAFSAETSLSLTQTNT	170
NTDB id 182	SPR	RS07820	WP	000614552.1	QYLAMEYVAGLDLKRYIKEHYPLSNEEAVRIMGQILLAMRLAHTRGIVHRDLKPQNILLTPDGTAKVTDFGIAVAFSAETSLSLTQTNT	170
NTDB id 257	KZH43	RS07655	WP	220041236.1	QYLAMEYVAGLDLKRYTKEHYPLSNEEAVRIMGQILLAMRLAHTRGIVHRDLKPQNILLTPDGTAKVTDFGIAVAFSAETSLSLTQTNT	170
NTDB id 467	HSISS4	RS06915	WP	021143821.1	QFLVMEYVDGSDLKRYIQDHAPLSNQDVVRIMGEVLSAMT LAHQKGITHRDLKPQNVLLTKDGTAKVTDFGIAVAFSAETSLSLTQTNT	170
NTDB id 82853	H7676	RS06125	WP	031488508.1	QFLVMEYVDGADLKRYIQNHAPLSNNQEVVRIMEVLSAMT LAHQKGIVHRDLKPQNILLTKEGVVKVTDFGIAVAFSAETSLSLTQTNT	170
NTDB id 384	SMU	RS02325	WP	002263039.1	QFLAMEYVDGADLKRYIQDHAPLSNQEVVRIMKEVLSAMT LAHQKGITHRDLKPQNVLLTKDGTAKVTDFGIAVAFSAETSLSLTQTNT	170
consensus					QYLAMEYVAGLDLKRYIKEHYPLSNEEAVRIMGQILLAMRLAHTRGIVHRDLKPQNILLTPDGTAKVTDFGIAVAFSAETSLSLTQTNT	170

NTDB id 146	SP RS08570 WP 000614538.1	SMLGSVHYLSPEQARGSKATVQSDIYAMGIIFYEMLTGHIPYDGD SAVTIALQH FQKPLPSVIAENP	SVPQALENVI IKATAKKL	255
NTDB id 216	SPD RS08205 WP 000614552.1	SMLGSVHYLSPEQARGSKATVQSDIYAMGIIFYEMLTGHIPYDGD SAVTIALQH FQNPLPSVIAENS	SVPQALENVI IKATAKKL	255
NTDB id 182	SPR RS07820 WP 000614552.1	SMLGSVHYLSPEQARGSKATVQSDIYAMGIIFYEMLTGHIPYDGD SAVTIALQH FQNPLPSVIAENS	SVPQALENVI IKATAKKL	255
NTDB id 257	KZH43 RS07655 WP 220041236.1	SMLGSVHYLSPEQARGSKATVQSDIYAMGIIFYEMLTGHIPYDGD SAVTIALQH FQKPLPSVIAENS	SVPQALENVI IKATAKKL	255
NTDB id 467	HSISS4 RS06915 WP 021143821.1	SMLGSVHYLSPEQARGSKATIQSDIYAMGIMLFEMLTGHIPYDGD SAVTIALQH FQKPLPSILAE NRNV	VPQALENVIR ATAKKL	255
NTDB id 82853	H7676 RS06125 WP 031488508.1	SMLGSVHYLSPEQARGSKATIQSDIYAMGIMLFEMLTGHIPYDGD SAVTIALQH FQKPLPSII EENHN	VPQALENVIR ATAKKL	255
NTDB id 384	SMU RS02325 WP 002263039.1	SMLGSVHYLSPEQARGSKATVQSDIYAMGIMLFEMLTGHIPYDGD SAVTIALQH FQKPLPSIIAEN KN	VPQALENVIK ATAKRL	255
consensus		* * * *		

NTDB id 146	SP RS08570 WP 000614538.1	TNRYRSVSEMYVDLSSSLSYNRARNESKLIFDETSKADTKTLPKVSQSTLTSSIPKVQAQTEH...KSIKNPSQAVTEETYQPQAPK	337
NTDB id 216	SPD RS08205 WP 000614552.1	TNRYRSVSEMYVDLSSSLSYNRARNESKLIFDETSKADTKTLPKVSQSTLTSSIPKVQAQTEH...KSIKNPSQAVTEETYQPQAPK	337
NTDB id 182	SPR RS07820 WP 000614552.1	TNRYRSVSEMYVDLSSSLSYNRARNESKLIFDETSKADTKTLPKVSQSTLTSSIPKVQAQTEH...KSIKNPSQAVTEETYQPQAPK	337
NTDB id 257	KZH43 RS07655 WP 220041236.1	TNRYRSVSEMYVDLSSSLSYNRARNESKLIFDETSKADTKTLPKVSQSTLTSSIPKVQAQTEH...KSIKNPSQAVTEETYQPQAPK	337
NTDB id 467	HSISS4 RS06915 WP 021143821.1	ENRYNSTLEMSRDLVTSLSHPSTRDAKVVFDDMT..DTKTLPKVPDPVPSASLEKKAVAAEPSEP..TPAPSKQPRKKTTPAKKKK	336
NTDB id 82853	H7676 RS06125 WP 031488508.1	SDRYGSTFEMSRDLMTALSYNRSRERHKIIFEDVE..STKPLPKVASGPTASVKLSPTTPTVLQTQSRLDQINQTDALQPPTKKKK	338
NTDB id 384	SMU RS02325 WP 002263039.1	TDTRYHSTQEMLQLRTLSLQPNRSRERKLVFS DAS..DTKPLPKLEQA AANSLAAQSLKNKTS.NQDKVDHK.SKP KTKP QPKPKK	336
consensus		***!!**!*!!!!!!*!*****!*****!!*****!*****!*****!*****!*****!	

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NTDB id 384 SMU RS02325 WP 002263039.1
consensus



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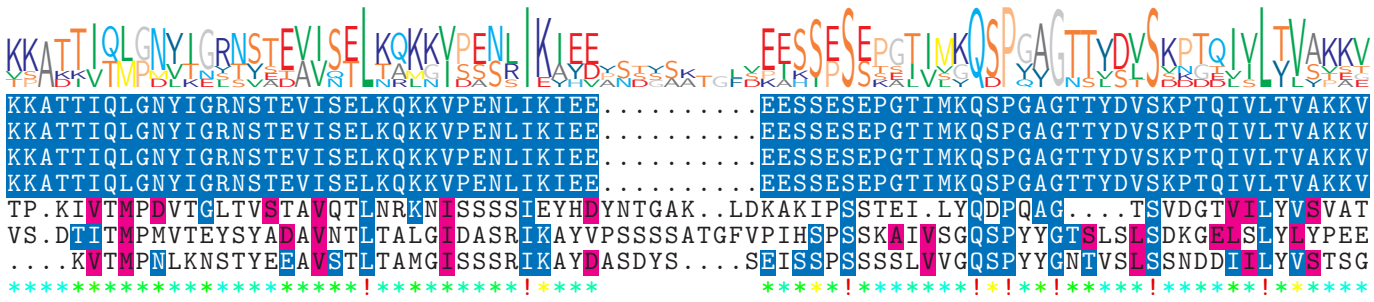
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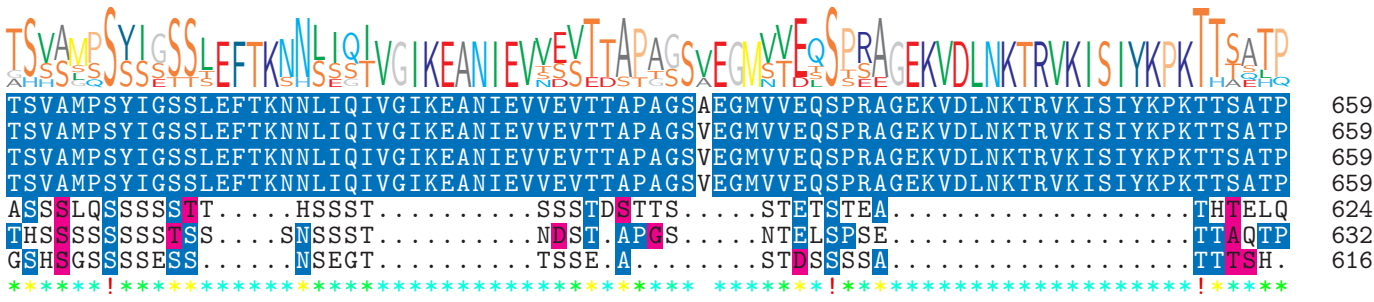
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NTDB id 384 SMU RS02325 WP 002263039.1
consensus



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NTDB id 384 SMU RS02325 WP 002263039.1
consensus



659
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659
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659
624
632
616

☒ non conserved
☒ similar
☒ ≥ 50% conserved