

NTDB id 146	SP	RS08570	WP	000614538.1	MIQIGKIFAGRYRIVKQIGRGGMADVYLAKDLILDGEEVAVKVLRTNYQTDPIAVARFQREARAMADLDHPHIVRITDIGEEDGQ	85
NTDB id 216	SPD	RS08205	WP	000614552.1	MIQIGKIFAGRYRIVKQIGRGGMADVYLAKDLILDGEEVAVKVLRTNYQTDPIAVARFQREARAMADLDHPHIVRITDIGEEDGQ	85
NTDB id 182	SPR	RS07820	WP	000614552.1	MIQIGKIFAGRYRIVKQIGRGGMADVYLAKDLILDGEEVAVKVLRTNYQTDPIAVARFQREARAMADLDHPHIVRITDIGEEDGQ	85
NTDB id 257	KZH43	RS07655	WP	220041236.1	MIQIGKIFAGRYRIVKQIGRGGMADVYLAKDLILDGEEVAVKVLRTNYQTDPIAVARFQREARAMADLDHPHIVRITDIGEEDGQ	85
NTDB id 121824	EN71	RS01910	WP	000614568.1	MIQIGKIFAGRYRILKSIGRGGMADVYLARDLILDNEEVAIKVLRTNYQTDQIAVARFQREARAMAELTHPNIVAIRDIGEEDGQ	85
NTDB id 467	HSISS4	RS06915	WP	021143821.1	MIQVGLKIFAGRYRILKSIGRGGMADVYLANDLILDNEEVAIKVLRTNYQTDQVAVARFQREARAMAELSHPNIVAIRDIGEEDGQ	85
NTDB id 384	SMU	RS02325	WP	002263039.1	MIQIGKIFAGRYRILQSIGRGGMADVYLANDLILDNEEVAIKVLRTNYQTDQVAVTRFQREARAMAELNHPNIVAIRDIGEEDGQ	85
consensus					MIQIGKIFAGRYRILKSIGRGGMADVYLANDLILDNEEVAIKVLRTNYQTDQVAVTRFQREARAMAELNHPNIVAIRDIGEEDGQ	

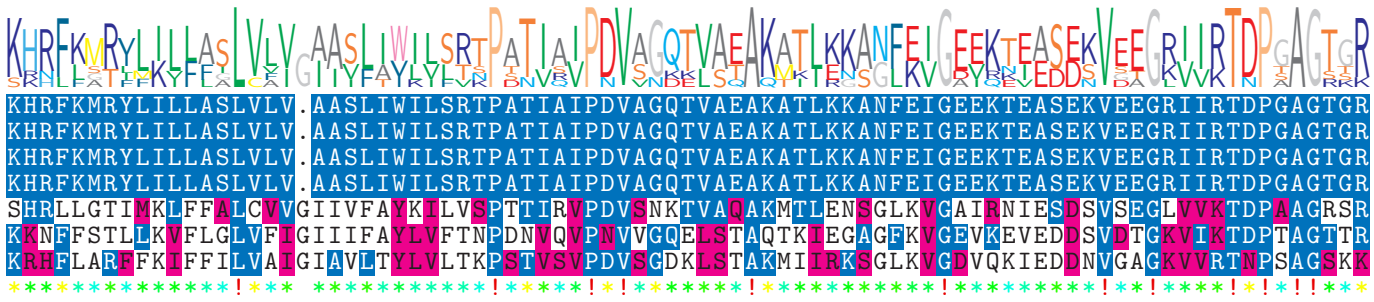
NTDB id 146	SP	RS08570	WP	000614538.1	QYLAMEYVAGLDLKRYIKEHYPLSNEEAVRIMGQILLAMRLAHTRGIVHRDLKPQNILLTPDGTAKVTDFGIAVAF AETSLTQTN	170
NTDB id 216	SPD	RS08205	WP	000614552.1	QYLAMEYVAGLDLKRYIKEHYPLSNEEAVRIMGQILLAMRLAHTRGIVHRDLKPQNILLTPDGTAKVTDFGIAVAF AETSLTQTN	170
NTDB id 182	SPR	RS07820	WP	000614552.1	QYLAMEYVAGLDLKRYIKEHYPLSNEEAVRIMGQILLAMRLAHTRGIVHRDLKPQNILLTPDGTAKVTDFGIAVAF AETSLTQTN	170
NTDB id 257	KZH43	RS07655	WP	220041236.1	QYLAMEYVAGLDLKRYTKEHYPLSNEEAVRIMGQILLAMRLAHTRGIVHRDLKPQNILLTPDGTAKVTDFGIAVAF AETSLTQTN	170
NTDB id 121824	EN71	RS01910	WP	000614568.1	QFLVMEYVDGFDLKKYIQDNAPLSNNEVVRIMNEVLSAMSLAHQKGIGIVHRDLKPQNILLTKKGTVKVTDFGIAVAF AETSLTQTN	170
NTDB id 467	HSISS4	RS06915	WP	021143821.1	QFLVMEYVDGSDLKKYIQDHAPLSNQDVVRIMGEVLSAMTLAHQKGITHRDLKPQNVLLTKDGTAKVTDFGIAVAF AETSLTQTN	170
NTDB id 384	SMU	RS02325	WP	002263039.1	QFLAMEYVDGADLKKYIQDHAPLSNAEVTIRIMKEVLSAMTLAHQKGITHRDLKPQNVLLTKDGTAKVTDFGIAVAF AETSLTQTN	170
consensus					*** ** ** ** **	

NTDB id 146 SP RS08570 WP 000614538.1	SMLGSVHYLSPEQARGSKATVQSDIYAMGIIFYEMLTGHIPYDGD SAVTIALQH FQKPLPSVIAENP	SVPQALENVVIKATAKKL	255
NTDB id 216 SPD RS08205 WP 000614552.1	SMLGSVHYLSPEQARGSKATVQSDIYAMGIIFYEMLTGHIPYDGD SAVTIALQH FQNPLPSVIAENS	SVPQALENVVIKATAKKL	255
NTDB id 182 SPR RS07820 WP 000614552.1	SMLGSVHYLSPEQARGSKATVQSDIYAMGIIFYEMLTGHIPYDGD SAVTIALQH FQNPLPSVIAENS	SVPQALENVVIKATAKKL	255
NTDB id 257 KZH43 RS07655 WP 220041236.1	SMLGSVHYLSPEQARGSKATVQSDIYAMGIIFYEMLTGHIPYDGD SAVTIALQH FQNPLPSVIAENS	SVPQALENVVIKATAKKL	255
NTDB id 121824 EN71 RS01910 WP 000614568.1	SMLGSVHYLSPEQARGSKATVQSDIYAMGIMLFEMLTGHIPYDGD SAVTIALQH FQKPLPSILAENK	SVPQALENIKATAKKL	255
NTDB id 467 HSTSS4 RS06915 WP 021143821.1	SMLGSVHYLSPEQARGSKATI QSDIYAMGIMLFEMLTGHIPYDGD SAVTIALQH FQKPLPSILAENRN	VPPALENVIRATAKKL	255
NTDB id 384 SMU RS02325 WP 002263039.1	SMLGSVHYLSPEQARGSKATVQSDIYAMGIMLFEMLTGHIPYDGD SAVTIALQH FQKPLPSILAENKN	VPPALENVVIKATAKRL	255
consensus	* *** ** * * *		

NTDB id 146	SP RS08570 WP 000614538.1	TNRYRSVSEMYVDLSSSLSYNRRRNESKLI	FDETSKADTKTLPKVSQSTLTSIPKVQAQTE	..HK	..SIKNPSQAVTEETYQPQAPK	337
NTDB id 216	SPD RS08205 WP 000614552.1	TNRYRSVSEMYVDLSSSLSYNRRRNESKLI	FDETSKADTKTLPKVSQSTLTSIPKVQAQTE	..HK	..SIKNPSQAVTEETYQPQAPK	337
NTDB id 182	SPR RS07820 WP 000614552.1	TNRYRSVSEMYVDLSSSLSYNRRRNESKLI	FDETSKADTKTLPKVSQSTLTSIPKVQAQTE	..HK	..SIKNPSQAVTEETYQPQAPK	337
NTDB id 257	KZH43 RS07655 WP 220041236.1	TNRYRSVSEMYVDLSSSLSYNRRRNESKLI	FDETSKADTKTLPKVSQSTLTSIPKVQAQTE	..HK	..SIKNPSQAVTEETYQPQAPK	337
NTDB id 121824	EN71 RS01910 WP 000614568.1	TD	RYKITYEMGRDLS	TALSSTRHREPKLVFNDTE	..STKTLPKVTSIVSSLTTEQLLRNQKQAKTE	TEKITPDSASNDKTSKKKA 338
NTDB id 467	HSISS4 RS06915 WP 021143821.1	EN	RYNSTLEMSRDLV	TSLHPSHRRDAKVVFDDMT	..DTKTLPKVDPVPSASLEKKAVAAEPSEP	..TPAPSKQPRKKTPAKKKK 336
NTDB id 384	SMU RS02325 WP 002263039.1	TD	RYHSTQEMLQDLR	TSLQPNRSRERKLVFSDAS	..DTKPLPKLEQAANSLAAQSLKNKTSNQ	..DKVDHKS
consensus		***	!!	*****	*****	*****

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NTDB id 146 SP RS08570 WP 000614538.1
NTDB id 216 SPD RS08205 WP 000614552.1
NTDB id 182 SPR RS07820 WP 000614552.1
NTDB id 257 KZH43 RS07655 WP 220041236.1
NTDB id 121824 EN71 RS01910 WP 000614568.1
NTDB id 467 HSISS4 RS06915 WP 021143821.1
NTDB id 384 SMU RS02325 WP 002263039.1
consensus



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NTDB id 146 SP RS08570 WP 000614538.1
NTDB id 216 SPD RS08205 WP 000614552.1
NTDB id 182 SPR RS07820 WP 000614552.1
NTDB id 257 KZH43 RS07655 WP 220041236.1
NTDB id 121824 EN71 RS01910 WP 000614568.1
NTDB id 467 HSISS4 RS06915 WP 021143821.1
NTDB id 384 SMU RS02325 WP 002263039.1
consensus



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NTDB id 146 SP RS08570 WP 000614538.1
NTDB id 216 SPD RS08205 WP 000614552.1
NTDB id 182 SPR RS07820 WP 000614552.1
NTDB id 257 KZH43 RS07655 WP 220041236.1
NTDB id 121824 EN71 RS01910 WP 000614568.1
NTDB id 467 HSISS4 RS06915 WP 021143821.1
NTDB id 384 SMU RS02325 WP 002263039.1
consensus



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NTDB id 146 SP RS08570 WP 000614538.1
NTDB id 216 SPD RS08205 WP 000614552.1
NTDB id 182 SPR RS07820 WP 000614552.1
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NTDB id 121824 EN71 RS01910 WP 000614568.1
NTDB id 467 HSISS4 RS06915 WP 021143821.1
NTDB id 384 SMU RS02325 WP 002263039.1
consensus



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NTDB id 146 SP RS08570 WP 000614538.1		659
NTDB id 216 SPD RS08205 WP 000614552.1	.	659
NTDB id 182 SPR RS07820 WP 000614552.1	.	659
NTDB id 257 KZH43 RS07655 WP 220041236.1	.	659
NTDB id 121824 EN71 RS01910 WP 000614568.1	Q	651
NTDB id 467 HSISS4 RS06915 WP 021143821.1	.	624
NTDB id 384 SMU RS02325 WP 002263039.1	.	616
consensus		

-  non conserved
-  similar
-  ≥ 50% conserved