

logo

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NTDB id 1069 ABD1 RS03060 WP 043960841.1
NTDB id 1041 HON27 RS14740 WP 005124713.1
NTDB id 1014 ACIAD RS13855 WP 004924483.1
NTDB id 1127 NGFG RS10560 WP 003703428.1
NTDB id 1126 NGFG RS09375 WP 003703428.1
NTDB id 1125 NGFG RS07215 WP 003703428.1
NTDB id 1108 NGFG RS06525 WP 003703428.1
NTDB id 1242 Cj0011c YP 002343483.1
NTDB id 1159 ABDM36 RS04765 WP 001166105.1
NTDB id 1150 A1552VC RS08580 WP 001166105.1
NTDB id 1294 VP RS04495 WP 021449594.1
NTDB id 262379 CU052 RS00645 WP 234352423.1
NTDB id 1395 DSB67 RS04445 WP 010649155.1
NTDB id 1362 HI 1008 AAC22669.1
NTDB id 1382 A4U84 RS07375 WP 062924234.1
consensus

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Sequence	Position 12	Position 13	Position 14
NSSKISQTKNFNDSTGQ	IHLNQANVNE	EFQ	QLKGIGEKKAQ
NGSKISQTKNFNDSTGQ	IHLNQANVNE	EFQ	QLKGIVGEKKAQ
LSKPTQ...QSGTGVK	VNIN	SATAK	ELQLHGVGEKKAL
.....S...CAFSLA	VNINAASQQ	ELE	ALPGIGPAKAK
.....S...CAFSLA	VNINAASQQ	ELE	ALPGIGPAKAK
.....S...CAFSLA	VNINAASQQ	ELE	ALPGIGPAKAK
.....S...CAFSLA	VNINAASQQ	ELE	ALPGIGPAKAK
.....S...CAFSLA	VNINAASQQ	ELE	ALPGIGPAKAK
.....L...TAFLFGA	VNINTATL	KLK	SLNGIGEA
.....QVEEGIVIT	VNINTASAE	LATL	LKGIGLKAQ
.....QVEEGIVIT	VNINTASAE	LATL	LKGIGLKAQ
.....DKYEGIEIT	VNINTASAE	EIAT	MLKGIGEKKAQ
.....AKYEGIEIT	VNINTASAE	EIAT	MLKGIGEKKAQ
.....DKYEGIEIT	VNINTASAE	EIAT	MLKGIGEKKAQ
VTTQAEAQVAPAVSDK	LNINTATAS	EIQKSL	TGIGAKKAE
VVMQ...VAATQKVNANV	VNINTATAS	EIQDKL	VGIGAKKAQ

Sequence logo for the 12th position, showing high conservation of Lysine (K) and Aspartate (D) at positions 12 and 13, and Glutamate (E) at position 14. The logo is color-coded: red for Lysine, blue for Aspartate, and green for Glutamate.

logo

				APAPKGP	AKPVLPAVKK	
NTDB id 1069	ABD1	RS03060	WP 043960841.1	.....		136
NTDB id 1041	HON27	RS14740	WP 005124713.1	.....		136
NTDB id 1014	ACIAD	RS13855	WP 004924483.1	.....		128
NTDB id 1127	NGFG	RS10560	WP 003703428.1	APAPKGP	AKPVLPAVKK	131
NTDB id 1126	NGFG	RS09375	WP 003703428.1	APAPKGP	AKPVLPAVKK	131
NTDB id 1125	NGFG	RS07215	WP 003703428.1	APAPKGP	AKPVLPAVKK	131
NTDB id 1108	NGFG	RS06525	WP 003703428.1	APAPKGP	AKPVLPAVKK	131
NTDB id 1242	Cj0011c	YP 002343483.1	.....			79
NTDB id 1159	ABDM36	RS04765	WP 001166105.1	.....		103
NTDB id 1150	A1552VC	RS08580	WP 001166105.1	.....		103
NTDB id 1294	VP	RS04495	WP 021449594.1	.....		94
NTDB id 262379	CU052	RS00645	WP 234352423.1	.....		79
NTDB id 1395	DSB67	RS04445	WP 010649155.1	.....		95
NTDB id 1362	HI 1008	AAC22669.1	.....			112
NTDB id 1382	A4U84	RS07375	WP 062924234.1	.....		113
consensus						

-  non conserved
-  similar
-  ≥ 50% conserved