

[illegible][illegible]

NTDB id 1250 GC085 RS13065 WP 027219989.1	AHAHLGCLGGGKTIIVLTGTDCTIYPRHLKLAEEQITENGLLSEFPLKSPPIAGHFPLRNRIISGLSLCILVIEAAIK	233
NTDB id 599 KW2 RS05940 WP 021037268.1	TASHLSAIAKTKTPTIAVIGTGLDIFYPLENRKIQEYLAKYQLVLSEYSLGEKPLKVHFPERNRIIAGLSRGVVVVEAKLR	226
NTDB id 407 SMU RS04605 WP 002262865.1	TAAHLASLKSGGATTIAVIGTGLDVHYPKENRRLQDYIAKWHLLSEYEASQQLPKVYHFPERNRIIAGLSQGMVAEAKIR	225
NTDB id 1127969 FGL23 RS05860 WP 061603819.1	TAAHMAALQNGGRTIAVIGTGLDVFYPKANKKLQSYIGNHLVLSEYSGEQPLKFHFPERNRIIAGLCRGVIVAEAKMR	225
NTDB id 525 SMSK321 RS06295 WP 000705298.1	TAAHMAALQNGGKTIIVIGTGLDVFYPKANKRLQDYISNDHLLVLSEYGPGEQPLKFHFPPARNRIIAGLCRGVIVAEAKMR	227
NTDB id 497 SM12261 RS05565 WP 000705318.1	TAAHMAALQNGGKTIIVIGTGLDVFYPKANKRLQDYIGNDHLVLSEYGPGEQPLKFHFPPARNRIIAGLCRGVIVAEAKMR	227
NTDB id 267 KZH43 RS05590 WP 000705306.1	TAAHMAALQNGGKTIIVIGTGLDVFYPKANKRLQDYIGNDHLVLSEYGPGEQPLKFHFPPARNRIIAGLCRGVIVAEAKMR	227
NTDB id 226 SPD RS05990 WP 000705306.1	TAAHMAALQNGGKTIIVIGTGLDVFYPKANKRLQDYIGNDHLVLSEYGPGEQPLKFHFPPARNRIIAGLCRGVIVAEAKMR	227
NTDB id 192 SPR RS05715 WP 000705306.1	TAAHMAALQNGGKTIIVIGTGLDVFYPKANKRLQDYIGNDHLVLSEYGPGEQPLKFHFPPARNRIIAGLCRGVIVAEAKMR	227
NTDB id 157 SP RS06205 WP 000705306.1	TAAHMAALQNGGKTIIVIGTGLDVFYPKANKRLQDYIGNDHLVLSEYGPGEQPLKFHFPPARNRIIAGLCRGVIVAEAKMR	227
consensus	***A***L***G***G***K***T***I***V***L***T***G***L***D***I***C***T***I***Y***P***R***H***L***K***L***A***E***Q***I***T***E***N***G***L***L***S***E***F***P***L***K***S***P***I***A***G***H***F***P***L***R***N***R***I***I***S***G***L***S***L***C***I***L***V***I***E***A***A***I***K***	

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NTDB id 1250 GC085 RS13065 WP 027219989.1	SGSLITCERAMEEGRDVFVAIPGSIHNPARGCHYLQCGAKLVTSVADVLDLKLIEHHQFTSNKPIFSLASGKENLVKFI	313
NTDB id 599 KW2 RS05940 WP 021037268.1	SGSLITCERALEEGRDVFVAIPGNIADGTS DGCNHLIQCGAKLVYQAQDILEEYLYN	282
NTDB id 407 SMU RS04605 WP 002262865.1	SGSLITCERAMEEGRDVFVPCNILDGQSEGCCHHLIQEGAKCITSCFDILNEFNF	280
NTDB id 1127969 FGL23 RS05860 WP 061603819.1	SGSLITCERAMEEGRDVFVAIPGSIIDGKSDGCHHLIQEGAKCIMSQSDVLS EFD	280
NTDB id 525 SMSK321 RS06295 WP 000705298.1	SGSLITCERAMEEGRDVFVAIPGSIIDGSLSDGCHHLIQEGAKLVTSGQDVLAEFEF	282
NTDB id 497 SM12261 RS05565 WP 000705318.1	SGSLITCERAMEEGRDVFVAIPGSIIDGSLSDGCHHLIQEGAKLVTSGQDVLAEFEF	282
NTDB id 267 KZH43 RS05590 WP 000705306.1	SGSLITCERAMEEGRDVFVAIPGSIIDGSLSDGCHHLIQEGAKLVTSGQDVLAEFEF	282
NTDB id 226 SPD RS05990 WP 000705306.1	SGSLITCERAMEEGRDVFVAIPGSIIDGSLSDGCHHLIQEGAKLVTSGQDVLAEFEF	282
NTDB id 192 SPR RS05715 WP 000705306.1	SGSLITCERAMEEGRDVFVAIPGSIIDGSLSDGCHHLIQEGAKLVTSGQDVLAEFEF	282
NTDB id 157 SP RS06205 WP 000705306.1	SGSLITCERAMEEGRDVFVAIPGSIIDGSLSDGCHHLIQEGAKLVTSGQDVLAEFEF	282
consensus	!!!!!!***!*!!!!*****!!*!******!!**!*!!*!!!!*****!*!*!***	

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NTDB id 1250 GC085 RS13065 WP 027219989.1	GFETTTIDQIIDRSGYGMEQVTSGLAELELKGAVIAVPGGYIRCEYER	361
NTDB id 599 KW2 RS05940 WP 021037268.1		282
NTDB id 407 SMU RS04605 WP 002262865.1		280
NTDB id 1127969 FGL23 RS05860 WP 061603819.1		280
NTDB id 525 SMSK321 RS06295 WP 000705298.1		282
NTDB id 497 SM12261 RS05565 WP 000705318.1		282
NTDB id 267 KZH43 RS05590 WP 000705306.1		282
NTDB id 226 SPD RS05990 WP 000705306.1		282
NTDB id 192 SPR RS05715 WP 000705306.1		282
NTDB id 157 SP RS06205 WP 000705306.1		282
consensus		

- non conserved
- similar
- ≥ 50% conserved