

SpuSKOR	MDGHVSHREHNKKE.SDGDDEKEEEYEVDKDKRIKSSRGSRFNLEIEFGLVNNTESSSMTSWRRKLSRESVINGIRYVSSGFVIHPDNRWYRAWTKFIL	100
PtrSKOR	MDGHGNHREHNKKE.DSDDDGEEYEVEDLKDKRIKSSRGSRFNLEIEFGLVNNNGSSSMTSWRRKLSRESVINGIRYVSSGFVIHPDNRWYRAWTKFIL	99
Consensus	mdgh hre nkke d dd eeeyev d kdrikssrgsrfnliekefglvnn sssmtswrrklsresving ryvssgfvihpdnrwrawtkfil	
SpuSKOR	LWAVYSSFFTPLEFGFFRGLPENLFILDIVGQVAFLLDIIQFFIAYRDSQTYRTVYKRSPIALRYLKSHFIIDLLACLPWDIIYKVCGHKEEVRYLLWI	200
PtrSKOR	LWAVYSSFFTPMEFGFFRGLPENLFILDIVGQVAFLLDIIQFFIAYRDSQTYRTVYKRSPIALRYLKSHFIIDLLACLPWDIIYKACGHKEEVRYLLWI	199
Consensus	lwavysfftp efgffrglpenlfildivgqvaflldii qffiayrdsqtyrtvykr pialrylkshfiidllaclpwdiik cgh eevryllwi	
SpuSKOR	LSRVRKVTFFQMEKDIRINYLFTRIVKLIVVELYCTHTAACIFYLASTLPSSQEGYTWIGSLKMGDYSYTSFREIDIWKRYTSLYFAIITMATVG	300
PtrSKOR	LSRVRKVTFFQMEKDIRINYLFTRIVKLIVVELYCTHTAACIFYLATLPSSQEGYTWIGSLKMGDYSYTSFREIDIWKRYTSLYFAVITMATVG	299
Consensus	lsrvrkvt ffq mekdirinylftrivklivvelychthaacify la tlpssqegytwigslkmgdysytsfreidiwkry tslyfa itmatvg	
SpuSKOR	YGDIAHVNLMREMIFVMIYVSFDMILGAYLIGNMTALIVKGSKTEFRDKMTDLIKYMNRNRLGKEIRNQIKGHVRLQYESSYTEASALQDLPISIRAKVS	400
PtrSKOR	YGDIAHVNLMREMIFVMIYVSFDMILGAYLIGNMTALIVKGSKTEFRDKMTDLIKYMNRNRLGKDIRNQIKGHVRLQYESSYTEASALQDLPISIRAKVS	399
Consensus	ygdiahvnlmremifvmiyyvsfmdmilgaylignmtalivkgskte frdkmtdlikymnrnrlgk irnqikghvrlqyessyteasalqdlpisirakvs	
SpuSKOR	QTLYTEYIEKVPLLKGCSAEFINQIVIRLHEEFFLPGEVIMEQGNVVDQYFVCHGVLEEVGIGQDGSEETVKLLPPNSSFGEISILCNIPQPYTVRVCE	500
PtrSKOR	QTLYTEYIEKVPLLKGCSAEFINQIVIRLHEEFFLPGEVIMEQGNVVDQYFVCHGVLEEVGIGQDGSEETVKLLPPNSSFGEISILCNIPQPYTVRVCE	499
Consensus	qtltyeyiekvplllkgcsaefinqivirlheefflpgevimeqgnvvdq yfvchgvleevgigqdgseetvklppnssfgeisilcnipqpytvrce	
SpuSKOR	LCRLLRIDKQSFNSILEIFYDGRKILDNLLEGKESNLRDKQLES DITFHIGKQEAELALS VNNAAHYGDLYQLKGFIRAGADPNKTDYDGRSPLHLAAS	600
PtrSKOR	LCRLLRIDKQSFNSILEIFYDGRKILDNLLEGKESNLRDKQLES DITFHIGKQEAELALRVNSAAYHGDLYQLKGFIRAGADPNRTDYDGRSPLHLAAS	599
Consensus	lcrllridkqsfnsileiyfydgrkildnllegkesnlrdkqlesditfhigkqeaelal vn aayhgdlyqlkgfiragadpn tdydgrsplhlaas	
SpuSKOR	RGYEDITLFLIQEGVDINIKDKFGNTPLLEAIKNGHDRVESLLFKQGAILNIDDAGSVLCRAVARGSDFLKRVLSNGIDPNSKDYDHRTPLHVAASEGL	700
PtrSKOR	RGYEDITLFLIQEGVDINIKDKFGNTPLLEAIKNGHDRVESLLFKQGAILNIDDAGSVLCRAVARGSDFLKRVLSNGIDPNSKDYDHRTPLHVAASEGL	699
Consensus	rgyeditlfliqegvdinikdkfgntplleaiknghdrvesllfkqgailniddagsvlcravargdsdflkr lsnqidpnskdychrtplhvaasegl	
SpuSKOR	YLMAKLLIEAGAVFSKDRWGNTPLDEGRMCGSKNLIKLEEAQSSQKLD FHYSTHETREKVLPKKCTIFPFHPRGSEEQRRPGVVLWVPNTMEELVKAA	800
PtrSKOR	YLMAKLLIEAGASVFSKDRWGNTPLDEGRMCGNKKLIKLEEAQSSQKLE FHYSTHETREKVLPKKCTIFPFHPR.AEEQRRPGVVLWVPNTMEELVKAA	798
Consensus	ylmakllieaga vfskdrwgntpldegrmcg k liklleeaqssqkl fhysthet ekvlpkkctifpfhpr eeqrpgvvlwvp tmeelvk a	
SpuSKOR	SEQLQFPDGCSCILTEDAGKILDVNMIDGGQKLYLTSRTHOL	842
PtrSKOR	SEQLQFPDGCSCILSEDAGKILDVNMIDGGQKLYLTSRQTHYL	840
Consensus	seqlqfpdg cil edagkildv mid gqklyltsd th l	