

yeast	1	AKQSLDVSSDRRKAR	KAYFTAPSSQRRVLLS	APLSKEL	RAQYGIKALP	IRRDDEVLV	VRG
worm	1	MKVNPFFVSSDSGKSR	KAHFNAPSHERRRIMS	APLTKEL	RTKHGIRAIP	IRTDDEVV	MRG
fruitfly	1	MKQNPFFVSSRRKNR	KRHFQAPSHIRRRLS	APLSKEL	RQKYNVRSMP	IRRDDEVQV	IRG
rat	1	MKFNPFVTSDRSKNR	KRHFNAPSHIRRKIMS	SPLSKEL	RQKYNVRSMP	IRKDDEVQV	VRG
human	1	MKFNPFVTSDRSKNR	KRHFNAPSHIRRKIMS	SPLSKEL	RQKYNVRSMP	IRKDDEVQV	VRG
chr16_RL26_5		- - - - -	SHKRHFSASSHIRSEFIS	SKELKEKQ	RLVH - - - -	AIRE	DDEVQVVRG

100

yeast	61	SKKG - QEGKISSV	YRLKFAVQVDKVTKEKVN	GASVPINLHPS	- - KLVITKLH	LDK	DRKAL
worm	61	RHKG - NTGRVLR	CYRKKFVIHIDKITREK	ANGSTVHIGIHPS	- - KVAITKL	KLDK	DRRAL
fruitfly	61	HFKNQVGKVVQA	YRKKFVYVEKIQREN	ANGT NVYVGIHPS	- - KVLIVKL	KLDK	DRKAI
rat	61	HYKGQQIGKVVQV	YRKKYVIYIERVQRE	KANGT TVHVGIHPS	- - KVVITRL	KLDK	DRKKI
human	61	HYKGQQIGKVVQV	YRKKYVIYIERVQRE	KANGT TVHVGIHPS	- - KVVITRL	KLDK	DRKKI
chr16_RL26_5		HCKG - *QTVIVRV	YGTAVICIQRVQWGK	ANGTICHVSVRPS	KVTVMAR	KLDK	AKGNL

yeast	118	IQRKG - - - - -	GKLE - - - - -	- - - - -
worm	118	VERKAAGRSRV	TGILKGGKHTDET	VN - - - - -
fruitfly	119	LERRGKGR	LAALGDKGKYTEETA	AQPMETA
rat	119	LERKAKSR - -	QVGKEKGGYKEETIE	KMQE - -
human	119	LERKAKSR - -	QVGKEKGGYKEETIE	KMQE - -
chr16_RL26_5		SGKPHLTK - - -	QEKGGK* - EETIE	- - - - -