

Mm 5a	1462-VNIPRKEKDF	QGMLEYKRED	EQKLVKNLIL	ELKPR.....	GVAVNLIPLGL
Rn 5b	1455-VTVQRKEKDF	QGMLEYHKED	EALLIRNLVT	DLKP.....	QMLSGTVPCL
Hs 5c	1351-VHSSSGPKKY	LGMLOYKRED	EAKLIQNLIL	DLKP.....	GVVNMIPGL
Sc Myo2	1151-VNATQINEEL	YRLLEDTEIL	NQEITEGLLK	GFEVPDAGVA	IQLSKRDVVY
	(20):	H1	H2		

Mm 5a	1507-PAYILFMCVR	HADYLNDQK	VRSLLTSTIN	SIKKVLKCRG	..DFETVSF
Rn 5b	1499-PAYILYMCIR	HADYTNDLQ	VHSLLSSTIN	GIKKVLKCRG	..EDFEMTSF
Hs 5c	1396-PAHILFMCVR	YADSLNDANM	LKSLMNSTIN	GIKQVVKRHL	..EDFEMLSF
Sc Myo2	1201-PARILIIIVLS	EMWRFGLTKQ	SESFLAQVLT	TIQKVVTQLK	GNDLIPSGVF
	(71)	H3	H4		H5

Mm 5a	1555-WLSNT....C	RFLHCLKQYS	GEEGFMKHNT	SRQNEHCLTN	FDLAEYRQVL
Rn 5b	1547-WLSNT....C	RLLHCLKQYS	GDEGFMTQNT	AKQNEHCLKN	FDLTEYRQVL
Hs 5c	1444-WLSNT....C	HFLNCLKQYS	GEFEFMKHNS	PQQNKCLNN	FDLSEYRQIL
Sc Myo2	1251-WLANVRELYS	FVVVFALNSIL	TEETFKNGMT	DEEYKEYVVS	.LVTLKDDF
	(121)	H5			H6

Mm 5a	1601-SDLAIQIYQQ	LVRVLENILQ	PMIVSGMLEH	ETIQGVSGVK	PTGLRKRSTSS
Rn 5b	1593-SDLAIQIYQQ	LKIKIAEGLLQ	PMIVSAMLN	ESIQGLSGVR	PTGYRKRSSS
Hs 5c	1490-SDVAIRIYHQ	FIIIMEKNIQ	PIIVPGMLEY	ESLQGISGLK	PTGFRKRSSS
Sc Myo2	1299-EALSYNIYNI	WLKKLQKQLQ	KKAINAVVIS	ESLPGFSAGE	TSGFLNK...
	(169)	H6			

Mm 5a	1651-IAD.EGTYTL	DSILRQLNSF	HSMVCQHGM	PELIKQVVKQ	MFYIVGAILL
Rn 5b	1643-MVDGENSYCL	EAIIRQMNF	HTVLCQGLD	PEIILQVFKQ	LFYMLNAVTL
Hs 5c	1540-IDD.TDGYTM	TSVLQQLSYF	YTTMCQGLD	PELVRQAVKQ	LFFLIGAVTL
Sc Myo2	1346-IFANTEEYTM	DDILTFNFI	YWCMSFHE	NEVFHAVVTT	LLNYVDAICF
	(216)		H7		H8

Mm 5a	1700-NNLLLRKDMC	SWSKGMQIRY	NVSQLEEWLR	DKNLMNSGAK	ETLEPLIQAA
Rn 5b	1693-NNLLLRKDAC	SWSTGMQLRY	NISQLEEWLR	GKNLQQS GAV	QTMEPLIQAA
Hs 5c	1589-NSLFLRKDMC	SCRKGMQIRC	NISYLEEWLK	DKNLQNSLAK	ETLEPLSQAA
Sc Myo2	1396-NELIMKRNFL	SWKRGQLQNY	NVTRLEEWCK	THGLTDG..T	ECLQHLIQTA
	(266)	H8	H9	H10	H11

Mm 5a	1750-QLLQVKKKTD	DDAEAICSMC	NALTTAQIVK	VLNLYTPVNE	FEERVSVSFI
Rn 5b	1743-QLLQVKKKTD	EDAEAICSLC	TSLSTQQIVK	ILNLYTPLNG	FEERVTVSFI
Hs 5c	1639-WLLQVKKKTD	SDAKEIYERC	TSLSAVQIIK	ILNSYTPIDD	FEKRVTPSFV
Sc Myo2	1444-KLLQVRKYTI	EDIDILRGIC	YSLTPAQLQK	LISQYQ.VAD	YESPIPQEIL
	(314)	H11	H12		H13

Mm 5a	1800-RTIQMRLRDR	KDSPQLLMDA	K.....H	IFPVTFPFNP	.....SSL
Rn 5b	1793-RTIQAQLQER	SDPQQLLLDS	K.....H	MFPVLPFNP	.....SAL
Hs 5c	1689-RKVQALLNSR	EDSSQLMLDT	K.....Y	LFQVTFPFTP	.....SPH
Sc Myo2	1493-RYVADIVKKE	AALSSSGNDS	KGHEHSSSIF	ITPETGPTD	PFSLIKTRKF
	(363)	H13			H14

Mm 5a	1835-ALETIQIPAS	LGLGFIARV	-1853		
Rn 5b	1828-TMDSIHIPAC	LNLEFLNEV	-1846		
Hs 5c	1724-ALEMIQIPSS	FKLGFLNRL	-1742		
Sc Myo2	1543-DQVEAYIPAW	LSLPSTKRIV	DLVAQQVVQD	GH-1574	
	(414)		H15		