

Hmp35-1	MEPKTFETVG	DEATKLNKIP	GLGVCVEENG	TKVGVFTDLQ	LQNPSINSSF	KLP-VGTVDC	59
Hmp35-2	MEPKTFETVG	DEATKLNKIP	GLGVCVEENG	TKVGVFTDLQ	LQNPSINSSF	KLP-VGTVDC	59
Hmp36-1	MEPIKYEKLK	KKFTEIEFKP	GVAVTLKQKK	AECVLSVDEK	IENPALSAEF	KVKKAGKAIV	60
Hmp36-2	MNPDSYKKIG	QKLTKLEYQS	GFAVTLKYKK	TKTTASCDEE	FATPALTSEF	KVKKVGGKIQC	60
Hmp35-1	NIADKGVVGV	VLKPDLLKQHG	VTVSINPIEK	NFTFSVKKEC	TCTHYEATLG	YNSAKKAAEA	119
Hmp35-2	NIADKGVVGV	VLKPDLLKQHG	VTVSINPIEK	NFTFSVKKEC	TCTHYEATLG	YNSAKKAAEA	119
Hmp36-1	GFA-EGKPQI	SIIPKLDKIK	TELTINPLEN	TFVFSTKKKI	KKMKTKAIFG	FDSAKLAPSL	119
Hmp36-2	GFK-DGKSQL	IFSPKLEKLD	AKLDFNAIDN	SFLFEYAKKV	KPINSLVTIK	YDSAKNEPSV	119
Hmp35-1	HLYKQFAVKD	SKVNCYLDIT	GVNNTKPDVN	YRIRYDLDKI	GLRITYWD--G	KDQRFAAFLLD	177
Hmp35-2	HLYKQFAVKD	SKVNCYLDIT	GVNNTKPDVN	YRIRYDLDKI	GLRITYWD--G	KDQRFAAFLLD	177
Hmp36-1	LLMPKFKVVK	MKVHADILLK	KPEEDLPPVL	FDAQAKIKKV	NFVACFDEES	KEYQAGVFAK	179
Hmp36-2	LIQPKFKLKN	INFANLLEFK	KPVENCPPVI	FQAHAAAYKKL	FLCSCFNTEE	KEYRAAAFAK	179
Hmp35-1	LKKAMIG-TH	FFFN----KA	VKSVDIYGLK	SFKCGKASLI	ATVLGEQR-C	RLNFEG-CCK	230
Hmp35-2	LKKAMIG-TH	FFFN----KA	VKSVDIYGLK	SFKCGKASLI	ATVLGEQR-C	RLNFEG-CCK	230
Hmp36-1	IAKKLHAGAL	FHFQPTQENL	LASIDLYSKL	KYKGHKAGLI	VSSLQTG---	KFNAQKGLGK	236
Hmp36-2	LFKGIHAGAL	LHFDPLAEKQ	MKAVDVFAKY	SFKKKGKIAAI	TTLLEGEKPVV	KVNAKAKVGG	239
Hmp35-1	DCSYGAKIDY	LHGEKPEITA	KFGGASKCCS	HFSCYKYLATV	TKKEA--TTF	GIQTSGETFPL	288
Hmp35-2	DCSYGAKIDY	LHGEKPEITA	KFGGASKCCS	HFSCYKYLATV	TKKEA--TTF	GIQTSGETFPL	288
Hmp36-1	KVKYGLNVNY	DKD----ING	SFG-IKADLK	KMDLNLVLKA	TKEAEKEITP	GLLGEAKFKI	291
Hmp36-2	KAKIGINTVY	GET----ITG	DFG-VKADLK	KFKLNLIVNA	KKESD-EISE	GLIAQTAFKV	293
Hmp35-1	HGFGKATVGC	ALADVKDYKN	IGYSFLVE--	-	-	-	316
Hmp35-2	HGFGKATVGC	ALADVKDYKN	IGYSFLVELN	-	-	-	318
Hmp36-1	KKLGKAKVGL	SIPNLSDAKE	INYFVNLKIK	D	-	-	322
Hmp36-2	KRVGKAKVGV	AIPSIQEAQK	AHLFVNLKIK	D	-	-	324