

2nd transmembrane region



hKCNK18	115	STVGYGYIYPVTRLGKYLCLMLYALFGIPLMFLVLTDTGDILATILSTSY-NRFRKFPFFT
hKCNK1	116	STTGYGHTVPLSDGGKAFCIIVSVIGIPFTLLFLTAVVQRITVHVTRRPVLYFHIR----
hKCNK2	156	TTIGFGNISPRTEGGKIFCIIYALLGIPLFGFLLAGVGDQLGTIFGKGI-AKVEDT----
hKCNK3	92	TTIGYGHAAPSTDGGKVFCMFYALLGIPLTLVMFQSLGERINTLVRYLL-HRAKKG----
hKCNK4	102	TTIGYGNVALRTDAGRLFCIFYALVGIPLFGIILLAGVGDRLGSSLRHGI-GHIEAI----
hKCNK5	97	TTIGYGNVAPKTPAGRLFCVYGLFGVPLCLTWISALGKFFGGRAKRLG-QF-----
hKCNK6	105	TTVGYGYTTPLTADGKAFSIAFALLGVPTTMLLLTASAQRLSLLLTHVPLSWLSMR----
hKCNK7	104	TTTGYGHMAPLSPGGKAFCMVYAALGLPASLALVATLRHCLLPVLSRPR-AWVAVH----
hKCNK9	92	TTIGYGHAAPGTDAGKAFCMFYAVLGIPLTLVMFQSLGERMNTFVRYLL-KRIKCC----
hKCNK10	166	TTIGYGNIAPESTEGGKIFCILYAI FGIPLFGFLLAGIGDQLGTIFGKSI-ARVEKV----
hKCNK12	128	STIGFGMTTPATVGGKAFLLIAYGLFGCAGTILFFNFLFLERIIISLLAFIM-RACRER----
hKCNK13	109	STIGFGMTTPATVGGKIFLIFYGLVGCSSITLFFNFLFLERLITIIAYIM-KSCHQR----
hKCNK15	92	TTIGYGHAAPGTDGKVFVFCMFYALLGIPLTLVTFQSLGERLNAVVRRL-LAAKCC----
hKCNK16	107	TTIGYGNLAPSTEAGQVFCVYALLGIPLNVI FNLHGLTG LRAHLAAI--ER-----
hKCNK17	115	TTIGYGNLSPNTMAARLFCIFFALVGIPLNVLVNLRLGHLMQQGVNHWASR-----

4th transmembrane region



hKCNK18	333	H-----PNFF---LFFSIYIIVGMEIVFI AFKLVQNRLLID--I-----YKNV--
hKCNK1	235	EGY-NQKFRELYK---IGITCYLLGLLIAMLVLETFCELHELKFRKMFYV-----
hKCNK2	276	GS--DIEYLDYFVK---PVVFWIILVGLAYFAAVLSMIGDWLRV--I-----SKKT--
hKCNK3	209	QKDQALQTPQYV---AFSFDYIILTGLTVIGAFNLNVLRVMT--M-----NAED--
hKCNK4	222	ADP-RQ-DSPAYQ---PLVFWIILGLAYFASVLTIGNWLRV--V-----SRRT--
hKCNK5	213	VNP-SANYHALYK---YFVELWIIYGLAWLSL FVNWKVSMFVE--VHKAIKRR-----
hKCNK6	224	EAP-GQPYRALYK---VLTVYILFGLVAMVVLVLOTFRHVSDDLHGLTELILLPP---P--
hKCNK7	222	RGR-SLHP-VIYHLGQALLGYLLGLLAMLAVETFSELPQVRAMGKFF-RPSGP----
hKCNK9	209	QTKGALQKKPLYV---AFSFDYIILVGLTVIGAFNLNVLRFLT--M-----NSED--
hKCNK10	286	GNA-GINYREWYK---PLVFWIILVGLAYFAAVLSMIGDWLRV--L-----SKKT--
hKCNK12	266	QHA-AYRNQGLYR---LGNFLFILLGVCCIIYSLFNVISILIKQ--VLNWMRLRKLSCRC--
hKCNK13	247	QNA-HYESQGLYR---FANFVFIILMGVCCIIYSLFNVISILIKQ--SLNWIILRKMDSGC--
hKCNK15	209	QSGEALQRKLPYV---AFSFLYIILGLTVIGAFNLNVLRFLV--A-----SADW--
hKCNK16	222	TDP-SKHYISVYR---SLAAIWILLGLAWLALILPLGPLLLLHR--CCQLWLLSLRQC--
hKCNK17	231	MNP-SQRYPLWYK---NMVSLWILFGMAWIALI IIKLILSQLET-----PGRVCSC