

Name	Accession No.	TMD5 to TMD6 regions
TRPC1	NM_003304	GKFLGMFLLVLSFTIGLTQLYDKGYTSK EQKDCVGIFCEQQSNDTFHSFIGTCFAL FWYIFSLAHVAIFVTRFSYGEELQSFVGA VIVGTYNVVVVIVLTKLLVAMLH
TRPC3	NM_003305	FKFMVLFIMVFFAFMIGMFILYSYYLGAK VNAAFTTVEESFKTLFWSIFGLSEVTSVV LKYDHKFIENIGYVLYGIYNVTMVVLLN MLIAMIN
TRPC4	NM_016179	LKFLFIYCLVLLAFANGLNQLYFYEEETK GLTCKGIRCEKQNNAFSTLFETLQSLFW SIFGLINLYVTNVKAQHEFTEFVGATMFG TYNVISLVLLNMLIAMMN
TRPC5	NM_012471	LKFLFIYCLVLLAFANGLNQLYFYETRAI DEPNNCKGIRCEKQNNAFSTLFETLQSL FWSVFGLLNLYVTNVKARHEFTEFVGAT MFGTYNVISLVLLNMLIAMMN
TRPC6	NM_004621	FKFMVIFIMVFVAFMIGMFNLYSYYIGAK QNEAFTTVEESFKTLFWAIFGLSEVKS VINYNHKFIENIGYVLYGVYNVTMVIVLLN MLIAMIN
TRPC7	NM_020389	FKFMVIFIMVFVAFMIGMFNLYSYYRGAK YNPAFTTVEESFKTLFWSIFGLSEVISVV LKYDHKFIENIGYVLYGVYNVTMVVLLN MLIAMIN
TRPV1	NM_080706	CRFMFVYIVFLFGFSTAVVTLIEDGKNDS LPSESTSHRWRGPACRPPDSSYNSLYS TCLELFKFTIGMGDLEFTENYDFKAVFIIL LLAYVILTYILLLNMLIALMG
TRPV2	NM_016113	LRFLLIYLVFLFGFAVALVSLSQEAWRPE APTGNATESVQPMEGQEDEGNGAQY RGILEASLELFKFTIGMGELAFQEQLHFR GMVLLLLLAYVLLTYILLLNMLIALMG
TRPV3	NM_145068	LKFLFVYIVFLLGFGVALASLIEKCPKDNK DCSSYGSFSDAVLELFKLTIGLGDLNIQQ NSKYPILFLFLLITYVILTFVLLLNMLIALMS
TRPV4	NM_021625	FRFLLVYLLFMIGYASALVSLNPNCANMK VCNEDQTNCTVPTYPSCRDSETFSTFLL DLFKLTIGMGDLEMLSSTKYPVVFILLVT YIILTFVLLLNMLIALMG

TRPV5	NM_019841	MRFCWLMAVVILGFASAFYIIFQTEDPTS LGQFYDYPMALFTTFELFLTVIDAPANYS VDLPMFSIVNFAFAIIATLLMLNLFIAMM G
TRPV6	NM_014274	MRFCWLMAVVILGFASAFYIIFQTEDPEE LGHFYDYPMALFSTFELFLTIDGPANYN VDLPMYSITYAAFAIIATLLMLNLLIAMM G
TRPM1	NM_002420	LYFVIMLVVLMMSFGVARQAILHPEEKPS WKLARNIFYMPYWMIYGEVFADQIDLYA MEINPPCGENLYDEEGKRLPPCIPGAWL TPALMACYLLVANILLVNLLIAVFN
TRPM2	NM_003307	FFFLFLLAVWVVSFGVAKQAILIHNERRV DWLFRGAVYHSYLTIFGQIPGYIDGVNFN PEHCSPNGTDPYKPKCPESDATQQRPA FPEWLTVLLLCLYLLFTNILLNLLIAMFN
TRPM3	NM-020952	MYFVIIMLVVLMMSFGVARQAILFPNEEPS WKLAKNIFYMPYWMIYGEVFADQIDPPC GQNETREDGKIIQLPPCKTGAWIVPAIMA CYLLVANILLVNLLIAVFN
TRPM4	NM_017636	FFFLFFLGVWLVA YGVATEGLLRPRDSD FPSILRRV FYR PYLQIFGQIPQEDMDVAL MEHSNCSSEPGFWAHPPGAQAGTCVS QYANWLVLVLLL VIFLLVANILLVNLLIAMFS
TRPM5	NM_014555	FFFLFFLSVWLVA YGVTTQALLHPHDGR LEWIFRRVLYR PYLQIFGQIPLDEIDEARV NCSTHPLLEDSPSCPSLYANWLVILLV TFLLVTNVLLMNLLIAMFS
TRPM6	NM_017662	FYIVIIMAI VLLSFGVARKAILSPKEPPSWS LARDIVFEPYWMIYGEVYAGEIDVCSSQ PSCPPGSFLTPFLQAVYLFVQYIIMVNLLI AFFN
TRPM7	NM_017672	FYIVVIMALVLLSFGVPRKAILYPHEAPSW TLAKDIVFHPYWMIFGEVYAYEIDVCAND SVIPQICGPGTWLTPFLQAVYLFVQYIIMV NLLIAFFN
TRPM8	NM_024080	FFFLFLFAVWVMAFGVARQGILRQNEQR WRWIFRSVIYEPYLAMFGQVPSDVDGTT YDFAHCTFTGNESKPLCVELDEHNLPFRF PEWITIPLCIYMLSTNILLVNLLVAMFG

TRPP1	NM_000297	FGFAIMFFIIFLAYAQLAYLVFGTQVDDFS TFQECIFTQFRIILGDINFAEIEEANRVLG PIYFTTFVFFMFFILLNMFLAIIN
TRPP2	NM_016112	LGFAVMFFIVFFAYAQLGYLLFGTQVENF STFIKCIFTQFRIILGDFDYNDAIDNANRILG PAYFVTYVFFVFFVLLNMFLAIIN
TRPP3	NM_014386	VGFAIMFFIIFFFAYAQLGFLVFGSQVDDFS TFQNSIFAQFRIVLGDFNFAGIQQANPIL GPIYFITFIFFVFFVLLNMFLAIIN
TRPML1	NM_020533	MRFCCCVAVIYLGYCFCGWIVLGPYHVK FRSLSMVSECLFSLINGDDMFVTFAMQ AQQGRSSLVWLFSQLYLYSFISLFIYMVL SLFIALIL
TRPML2	XM_351263	LRFCACAGMIYLGYTFCGWIVLGPYHDK FENLNTVAECLFSLVNGDDMFATFAQIQ QKSILVWLF SRLYLYSFISLFIYMILSLFIAL IL
TRPML3	NM_018298	IRFCCAAMIYLGYCFCGWIVLGPYHDK FRSLNMVSECLFSLINGDDMFATFAKMQ QKSYLVWLF SRIYLYSFISLFIYMILSLFIA LIL