

ANO1_MOUSE MRVPEKYSTL PAEDRSVHIV NICAIEDLGYPSEGLTLLNS LSDPDAECK YGLYFRDGKR KVDYILVYHH KRASGSRILA 80
ANO6_MOUSE -----M QMMTHKV-LL NMELEEDDD- -EDGDIVLE NFDQTIVCPT FGSLENQQDF RTPEFEEFNG KPDLLFFIDG 67

ANO1_MOUSE RGLQNDML GTRVRQDQP LPGKQSPVDA GSPEVPMDYH EDDKRFRREE YEGNLEAGS EENDEDTKI HGVGVVKIHA 160
ANO6_MOUSE QRRIDFILY EDES KKENNK ---KGT- -N EKQKR-KRQA YESNLICHG QLEATRSVSD DKLVRVKVHA 130

ANO1_MOUSE PWHVLCREAE FLKLLKMTKK VYHISETRGL LKTINSVLQK ITDPIQPKVA EHRPQTTKRL SYPSREKQH LFDLTDRDSF 240
ANO6_MOUSE PWEVLCITYAE IMHILKRLKLP --NDLKRTRSP FGNLW--- FTKVLRVNS VIKREQ-EFF TAPLEKSRMN DRYILDRDSF 203

ANO1_MOUSE EDSKTRSTIV YEILKRTT- CTKAKYSMGI TSLLANGVYS AAYPLHDG- - DYE GDNVEF- NDKLLVEEW ASYGVFYKYQ 315
ANO6_MOUSE ENPATRSRIV YFLLSHVKYQ VMNVNKFGL NR LVSSGIYK AAFPLHDCRF NYSEDISCP SEYLYLREW AHPRS IYKKG 283

ANO1_MOUSE RIDVVKYFGE EKVELYFAWL GAYTQMLIPA SIVGVIVFLY GCATVDENIP SMEMCDQRYN --TMCGLGD KTSYHKMSS 393
ANO6_MOUSE PLDLIRKVFGE EKILYFAWL GYVYQMLLLA AVVGVACFLY GYLDDNCTW SKEVCDPDIG GQILLMCRQGD RLCPFWRLNI 363

ANO1_MOUSE AATARASHL FDNPAIVFIS VFMALWAATF MEHWKRKQMR LNYRWDLTGF EEEEEAVKDH PRAVEEA- - -RVLEKSLR 468
ANO6_MOUSE TESSKKLCI EDSFGILFIS VFMGVWVTLF LEFWKRROAE LEYEWDTVEL QEEQAR- - -EVEAQCN HVVINIITQE 438

ANO1_MOUSE KESRNKEIDK VKLTWRDRFP AYETNLVSII FMIATVFAIV LGVIIYRIST AAALAMNSD SVRS-NIRVT VTATAVINIL 547
ANO6_MOUSE ERIPFTICG KCIRVTLCAS AVFWILLII ASVIGIIVYR LSVFIVFSTI LPKNPNGTD IQKYLTPQMA TSITASIIISF 518

ANO1_MOUSE VVILDEVY GCIARWLTKI EYPKTEKSE ERCTFKAFLL KFNVS YTPIF YVAFKKGRFV GRPGDYVYIF RSFRMEBCAF 627
ANO6_MOUSE IIMIINTIY EKVAIMITNF ELRRTQTDEY NSLTMKMFLL QFVNY YSSCF YIAFFKCKFV GYPGDPVYLL GKYRSEECDF 598

ANO1_MOUSE GGCIMELCIQ USIIMLGKQL IQNNLFEIGI PKMKKFIRYL KLRRQSPSDR EEEYVKRKQRY EVDNLEPFA GLTPEYMEMI 707
ANO6_MOUSE GGCLELTTO LTIIIMGKA- IWNIIQEVLL PWVMNLIG- RYKRVS GSEK - -ITPRWEQ DYHLQPMGKL GLFYEYLEMI 672

ANO1_MOUSE IQEGEVTLFV ASFPLAFLFA LLNNHIEIRL DAKKFVTEL RPVIRAKDI GIWYNILRVS GKAVIINAF VISHTSDFLP 787
ANO6_MOUSE IQEGEVTLFV ASFPLAFLA LVNNHIEIRV DAWKLTQFR RMVPEKAQDI GAWQPIMQSI AILAVVTNMF IIAHTSDMIP 752

ANO1_MOUSE RLVVLYMY- - - - -QNGT MHGFVNH TLS SFNVSD FQNG TAPNDPLD LG YEVQICRYKD YREDFWSEHK YDISKDFWAV 860
ANO6_MOUSE RLVVYWSFI PPGDHTYYI MDGYINNTLS VENITDEKNT DKENPYIGLG -NYTLCRYD FANPDGHPQE YKHNIYYVHV 831

ANO1_MOUSE LAARIAVIV FQNLVFMFS D FVDWVLPDIP KDISQQLHKE KVLMLVELFMR EEQGGQQLLD TWMEKIKPRD VPCNNHSPTT 940
ANO6_MOUSE IAAKIAIIV MEHIYSVKF EISYALPDVS KITSKLIKRE KYLTQKL-LH ESHLKDLTKN MGIIAARIGG TVDINSVRPKL 910

ANO1_MOUSE HPEAGDGSPV PSYEHG DAL 960
ANO6_MOUSE E----- 911