

1 10 20 30
AktWUSMETQQDPQQQLLQQQTLHEDGSTGSSSSKSSFLCRQTS.....
AktWOX1MASSNRHWPSPMFKSKPCNNHHQWQHDISSSLISSCQRPPTYSGFEERSPDPK.....
AktWOX2 MGLERNCGEREKQLRTMEWVKQEQQQQQSGVMYVKVMTDEQMELLRKQISYATICEQLVEMHKAITAQQDLAGTKLGNLYCDSLMTSTGHKISS
AktWOX3MKVHQFTRGFWEHEPSLTGCKRLRPLAPKLTNGDVTPLDLKSFIKADSGPRKLSCTDDHKK
AktWOX4 MGLEENCVEGEDQQRMMEWGRP...QQQSGALYVKVMTDEQMELLRKQISYATICERLVEMHKSISSQODLAGMKPGTLYCDPLMTSTGHKMSS
AktWOX5MEDKKVDVLSGEGHPAS.....
AktWOX6MSPATS.....
AktWOX7MWMMGCSNDGGLNISDSPFNGRKLRPLIPRATTSSSSSS.SSITTTTNTATHPCNLNLIHTSDLFM
AktWOX8MEDR.....
AktWOX9MDEGMSGFCIKAG...NGGINGGGTKCG.....

40 50 60 70 80 90 100 110
AktWUSTRWTPPTDQIRILKDLIYNNGVRSPPSGEQTQRISARLRQYGKTEGKNVFYWFQNHKARERQKKRFTVDMAVQR
AktWOX1PRWNPKEQIRIRILEAFIN.SGMVNPPRDEIRKIRIQQLQEYGVGDANVFYWFQNRKSSRKHQRHLQTSKSHS
AktWOX2RQRWTPTPVQLQILERIFD.QGNGTPTIKQKIKEITINELTQHQQISETNVYNWFQNRARRSRKRQLVSTPNNAES
AktWOX3 ESPQVEAQSG.....GTRWNPTEQEQIGILEMLYR.GGMRTPNNAQQIEQITAQLSKFGKIEGKNVFYWFQNHKARERQKKRNSLGLTHS
AktWOX4RQRWTPTPVQLQILERIFN.QGNGTTPSKPKIKEITINELMQHAQLSETNVYNWFQNRARRSRKRQLVTAPNNGES
AktWOX5WRWNPTEQOISMLEALYR.BGIKTPSAEQIQEITSRLKAYGYLEEKNVFYWFQNHKARERQKKRQKQDEKLFY
AktWOX6TRWCPTPEQLMILEEMYR.GGIRTPNGSGQIQQITAHLSFYGKIEGKNVFYWFQNHKARERQKKLRKLSRQQQQ
AktWOX7 LNHHLATVSEQSKRDFNAQT VVS SRWNPTEQQLILEELYR.RGTRTPTADQIQQITVQLRRFGKIEGKNVFYWFQNHKARERQKKRRQAESTTEQ
AktWOX8SRWTPKPEQILILESFN.SGMVNPVKDETVRIRKMLEKYGSGVDANVFYWFQNRSSRRRQRQTQAGLTND
AktWOX9LRWNPTEAQVKVLTDLFR.SGLRTPSDTQIQKISQLSFGKIESKNVFYWFQNHKARERQKKR.....

120 130 140 150 160 170
AktWUS SGAASSL.....TFSPTGFTSPSSPSSSPGVLVGVMQMSMGCGSVLMEKSFREDCTISSGGSGMGGSISNNMGW
AktWOX1 QSPPVNTFTTAPSSSSSSSEKSSPKKTNKMLAMGGVNMIDLSNSPTASVNQTYFQTQGD FSSDQPFPPVQQIEGNTVFSQGFCFSDISNVQIPD
AktWOX2 EVETE.....DNSPKEKKASENTHSPD.....NLTLRPDEMCFQSP EISSELHSFDPQPNQAEST
AktWOX3 PR.....TPTATTIVPTDAN.....GEVEREEDSNYKRK.....QRSWAMENCFE.E
AktWOX4 EVETE.....DESPKEKKAKTENIHSHE.....NLALRPDEKCLQS...SERHSLDPQHNVKVENT
AktWOX5 INHS.....SRSPPILPSTPASSNVVCSPPFNQQRGFDYYPQCTNASLLGGIRRTPTNTDKMDKRKE..
AktWOX6 LQQ.....QTNNHLLHHFEASPTG...FQQFHYYNLPQFLPQEGEQEASTQVMNYTWKVDNPESDE
AktWOX7 QQQQQQQQQ...QREIENFENKELDFQVEQAKRWALPTNSSFLSEDAVSMQRAGRAVIAESRTDGWIOFEERELQRRRSVESHATWQMMHINA.T
AktWOX8 PRNPIQ.....GGSGVIRYEPTSSVGCFASSPSFSPSLSSS.TSFVGSS..STCGGVSDGVDDLFSISHQMGLPEIDQNLCSSDTSNLHYES
AktWOX9RRVSFEDRGS.....

180 190 200 210 220 230 240
AktWUS VGVDPYSSSYPPFYDKMKSIEFTFKEETPEIETLPFPMHGEDISGFCTGNPDPNNGY.....NTSSYRPDD
AktWOX1 QTIGSCSGFLIGELLNQEVSK.EEEEEKMKFHQQLSYIHSSPTTLTTSIPLTITSPTSTINPTTFNQIQGVGESGAVDPADAGRSTVFINDVAFEV
AktWOX2 FPSNGSSKSSSGSMGHISFYETVLSNPRIDHLLGKMEMPGSFNPYRQGEGYDMMG.....
AktWOX3 DRRFCGDY.....DQGDKTLELFFLHPEGR.....
AktWOX4 FPSDGGSKSSGSLGHISFYESVLSNPRMDHLLGKMEVPGSFNPYQQGEGYDMI.....
AktWOX5 NGGAGYEYNMYPTQYDIHTTNVKSNGNPQT LVLPFLHPTGILEEKSRNPFNASF.....AVNSNQSTS
AktWOX6 MEKWMKMYGRDWMMDVGPAPPCYSRPLKTLELFPINSTNLKDECSTSKQHVSF.....STTN..
AktWOX7 TSAITTTTIGRTTMNPMLTNTQNP IRESESQTLQLFP LRSEDVEEKEKELPISSKN.....NNCTPYQYF
AktWOX8 ...GLLTVFING..VPTEVPRGPFDMKAMFGQD VMLVHSSGVVPVNEYGISLQS.....LLLGES.....YFLN.FFFSW
AktWOX9 ..IDREEKSLPT.KHFREVNQVKKPERE IETLQLFP LNPYEES...ESDEKL GW.....MRNEFKETT

250 260
AktWUS EKGST.....RTSLELSLNSYTG RSPYTD.
AktWOX1 SVGPFNVQRQAFGDDAVLLHSSGQPVLTNQGWVTFQSLQPGAFYYLV
AktWOX2
AktWOX3
AktWOX4
AktWOX5 VETFI.....DDGSRDNTSL.....
AktWOX6
AktWOX7 EFL.....
AktWOX8 KVN.....TSFEVFRET LKINVVIHL.
AktWOX9 NAFSY.....VIGREIDHPPLDLRLSFF..