

**Table S2: Full-length sequences of HarmOR24 and OR30 cloned from the proboscis**

Gene Name	Identity with Reference Gene	Transmembrane domains	Amino Acid Sequences
HarmOR24	99.5%	7	MDSKMSLSSASLATHLRLLRWCGYCRLAGGARLSRLHALYRALTLALTTVYLLQ ECVYAYQVQQDMDKLARVMFLLLCHITSIAKQLVFHLKAERIDEMLAGLEDPLY NQPEEAHRRLLGATAASASRFVRAYSGCVVCTLTWITFPVMYRLQGLPVEFPF WITVDYNRPTMFILVLAYSYYVTTLVGIANTTMDAFMATVLNQCKTQLRLLRMN FECLPERAAALSRQLGGSYDAALFALFRECLVHYEKITETAKMLQNIFGTAILIQF GIGGWILCMAAYKIVSLNMLSVEFASMAFISCILTEFLYCYYGNEVTDESERVS QSLYSMEWRRARLTFRRSLVLVMERAKRPLRPAAGRVIPLSLDTFVKIIKSSYTFYA VLRQTK-
HarmOR30	97.4%	7	MFSSDLFLNRAKFVMKHLGVWIPAENGSLDRAYRAFMMTLQYLFLIFQMIYIV QVWGDLDVVSQASYLLFTQACLCLKVTIFQININMLKELLQFMDADIFKPDNEV HENILKLQAARIKRLLLAFMVSSQITCGLWAMKPLFDDADRKFPPDMWMPVSPE KAGQYYMGYAFQLGTICISAYMYFGVDSVVFSSVIFGCAQIDIKEKIMSITTVDK QGTKEALAQNYNKLVDCKHHQAIVTFTELVENAYHPYLLFQLVGSVGIICMSA LRILVVDWRSMQFFSILTYVSVMISQLFVCCWCGHELTATSEDLHTVLYKCIWYE QDVKFKRELCFAMMRISRPLVLRAGHYIILSRQTFVAILRMSYSYFAVLNQTT-