

hTRPA1	MKRSLRKMWRPGEKKEPQGVVYEDVPDDTEDFKESLKVVFEGSAYGLQNFNK-QKKLKR	119
mTRPA1	MKRGLRRIILLPEERKEVQGVVYRGVGEDMDCSKESFKVDIEGDMCRLEDFIKNRRKLSKYEDENLCLPHHAAAEGQVELMELIINGSSCEVLNIMDGYGNTPLHCAAQVEKNQIESVKFLLS	120
hTRPA1	RGANPNLRNRFNMMAPI	239
mTRPA1	QGANPNLRNRNMMSPLHIAVHGMYNEVIKVLTEHKATNINLEGENGNTALMSTCAKDNSEALQILLEKGAKLCKSNKWGDYYPVHQAAFSGAKCMELILAYGEKNGYSRETHINFMNNGK	240
hTRPA1	ATPI	359
mTRPA1	ASPLHLAVQSGDLDMIKMCLDNGAQIDPVEKGRCTAIFAAATQGATEIVKLMISSYSGSVDIVNTTDGCHETMIRASLFDHELADYLI SVGADINKIDSEGRSPLILATASASWNIVN	360
hTRPA1	LLLSKGAQVDIKDNFGRNFI	479
mTRPA1	LLLCKGAKVDIKDHLGRNFLHLTVQQPYGLRNLNLRPEFQMOMQHIKELVMDEDNDGCTPIHYARQGGPGSVNNLLGFNVSIHSSKSKDKKSPHFAASYGRINTCQRLLQDISDTRLLNEGD	480
hTRPA1	LHGMP	599
mTRPA1	LHGMPHLHAAKNGHDKVVQLLLKKGALFLSDHNGWTALHSHASMGGYTQTMKVILDTNLKCTDRLDDEGNTALHFAAREGHAKAVALLSINADIVLNKQASFLHIALHNKRKEVVLT	600
hTRPA1	IRSKRWDF	718
mTRPA1	IRNKRWDECLQVFTHNSPSNRCPIEMEMVEYLPECMKVLDFCMIPSTEDKSCRDYIIEYNFKYLQCPLEFTKKT-PTQDVIYEPLTALNAMVQNNRIELLNHPVCKEYLLMKWLAYGFRA	720
hTRPA1	HMMNLGSY	837
mTRPA1	HMMNLGSYCLGLIPMTLLVVKIQPGMAFNSTGIINGTSSTHEERIDTLNSFPIKICMILVFLSSIFGYCKEVIQIFQQRNYFLDYNNALEWVIYTTSGIIFVLPLFLNIPAYMQWQCGAI	840
hTRPA1	AVYFYWMN	957
mTRPA1	AIFYFYWMNLLYLQRFENCGIFIVMLEVIFKTLRSTGVFI FLLAFGLSFYVLLNFQDAFSTPLLSLIQTFSMMLGDINRYDAFLEPLFRNELAYPVLTFGQLIAFTMFVPIVLMNLLI	960
hTRPA1	GLAVGDIAEVQK	1077
mTRPA1	GLAVGDIAEVQKHASLKRIAMQVELHTNLEKKLPLWYLRKVDQKSTIVYPNRPGRMLRFFHYFLNMQETRQEVPNIDTCLEMEILKQKYRLKDLTSLLEKQHELIKLIQKMEIISE	1079
hTRPA1	TEDDSS	1119
mTRPA1	TEDEDNHCSFQDRFKKERLEQMHSKWNFVLNAVKTCTHCSISHPDF	1125

- Wild-type like responses
- All compound responses are affected
- No response to all compounds
- Zinc response is more affected
- Zinc response is specifically affected