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| **Protein** | **Accession number** |
| TA Hypothetical TRPM3 | XP\_002114617 |
| TA Hypothetical TRPM4 | XP\_002116621 |
| TA Hypothetical TRPV1 | XP\_002114713 |
| TA Hypothetical TRPV2 | XP\_002118208 |
| TA TRIADDRAFT\_53526 | XP\_002109464 |
| TA TRIADDRAFT\_25626 | XP\_002112601 |
| TA Hypothetical TRPML (not in Fig 5a) | XP\_002113929 |
| TA Hypothetical TRPP1 (not in Fig 5a) | XP\_002115395 |
| TA Hypothetical TRPP2 (not in Fig 5a) | XP\_002110052 |
| TA Hypothetical TRPM1 (not in Fig 5a) | XP\_002114984 |
| MM TRPV4 | AAI27053 |
| CE OSM-9 | ACQ44023 |
| MM TRPM3 | AEE80504 |
| DM TRPA1-A | AEU17952 |
| PP TRPA1 | BAX76612 |
| XT TRPM8 | NP\_001155105 |
| AJ TRPM3 | PIK42200 |
| AJ TRPM2-1 | PIK46476 |
| NV TRPM2 | TMP2L\_NEMVE |