**Calcium signaling by a Transient Receptor Channel is important for *Toxoplasma gondii* growth**

**Márquez-Nogueraset al**

**Supplementary File 3:** Primers used in this work

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| ***Endogenous Tagging of TgTRPPL2*** | | |
| T1 | TgTRPPL2\_pLic\_F | TACTTCCAATCCAATTTAATGCGAGAAGCGCATT GAGGAATGG |
| T2 | TgTRPPL2\_pLic\_F | TCCTCCACTTCCAATTTTAGCCTCTTCTCCCAGG ATGTTGACGC |
| T3 | TgTRPPL2\_Validation\_Tag\_F | TATGTGTGCCTGCCTGCGCAT |
| ***Disruption of TgTRPPL2*** | | |
| K1 | TgTRPPL2\_Cas9\_gRNA\_F | TATGTCACATGTCTTTTCTCGTTTTAGAGCTAGAA  ATAGCAAG |
| K2 | TgTRPPL2\_DHFR\_F | CTTTGGTTTCCCTCTCTCGTCCATGAAGCTTCGCC AGGCTGTAAATCC |
| K3 | TgTRPPL2\_DHFR\_R | TGGACGCCCAGCTCGACATGTCATCCTGCAAGTG CATAGAAGGA |
| K4 | TgTRPPL2\_Validation R | CGATGAGGTGGATGTAGCTGAATG |
| ***RT-PCR of TgTRPPL2*** | | |
| Q1 | TgTRPPL2\_qPCR\_F | GAGCTCCGACGCAGGCCAGCAG |
| Q2 | TgTRPPL2\_qPCR\_R | CCCGGGCGATGAGGTGGATGTAGCTGAATG |
| ***Cloning for Heterologous expression in HEK293-3KO cells*** | | |
| C1 | pCDNA3\_TgTRPPL2\_F | cagatatccatcacactggcATGCATGCATTCGACGAC |
| C2 | tdTomato\_TgTRPPL2\_R | tgctcaccatCTCTTCTCCCAGGATGTTG |
| C3 | TgTRPPL2\_tdTomato\_F | gggagaagagATGGTGAGCAAGGGCGAG |
| C4 | pCDNA3\_TgTRPPL2\_tdTomato\_R | acactatagaatagggccctCTACTTGTACAGCTCGTCC ATG |
| C5 | TgTRPPL2\_Validation\_F | GCAAGAAGAAGAAACGACGCAAG |
| C6 | TgTRPPL2\_Validation\_R | CTTTGAGGTCCTAGTTCACCTCCGA |