**Supplementary table 1. Primers used in this study**

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| **Primer name** | **Sequence 5' - 3'** |
| citT\_1FW | ATGTCTTCAACCACGTCTTCATC |
| citT\_1770RV | CTAGTTGCCGTTGGCTTTGG |
| citT\_KO\_5Flank\_FW\_p1 | TGAGCAGTTCGCCAATCAGG |
| citT\_KO\_5Flank\_RV\_p2 | CAATTCCAGCAGCGGCTTGATTGTGGATATGACTCGGG |
| citT\_KO\_3Flank\_FW\_p3 | ACACGGCACAATTATCCATCGGGAGAGAAAGGACTTGAAAAAAAAAAGG |
| citT\_KO\_3Flank\_RV\_p4 | AGCTTCTTACCCATCTCAGG |
| citT\_KO\_FW\_p11 | TATGGGCCTGATGTAGATCC |
| citT\_KO\_RV\_p12 | TCAGATGGAAGCAGACACGTCG |
| AOpyrG12FW\_p5 | AAGCCGCTGCTGGAATTG |
| AOpyrG13FW\_p6 | CGATGGATAATTGTGCCGTGT |
| AOpyrG14FW\_p7 | ATTGACCTACAGCGCACGC |
| AOpyrG15RV\_p8 | CCGGTAGCCAAAGATCCCTT |
| AOpyrG\_KO \_RV\_p13 | GGCATTTGTCGTGCAGTTTG |
| AOpyrG\_KO \_FW\_p14 | AATTCCACGGCCAGCATTAA |