

Additional file 4. Sequences of primers recognising intron DNA of *T. castaneum* cys-loop LGIC subunit genes. Forward primers are on the top of each pair and reverse primers are on the bottom. All primers are shown 5' to 3'.

Subunit	1 st PCR reaction	2 nd PCR reaction
Tcas α 6	tctatcggctctggtgacg + tgcagtgtgggaagtgtg	tggtctcacggctctctga + gcgtgtgatgtggtagca
Tcas β 1	ttcgagacctcttccgag + gttcctttttgccaaatgg	gtacaacaagctgatacgc + gggtaacctgagtacagc