## Supplementary file 1

### A) Oligonucleotides

| **Name** | **Construct** | **Sequence** | **Use** |
| --- | --- | --- | --- |
| O.1I0 | tlh1\_R | CTCCTTGGAAGAATTGCAAGCCTC | qPCR Fig. 1F, 3D |
| O.1HZ | tlh1\_F | ATGGTCGTCGCTTCAGAAATTGC | qPCR Fig. 1F, 3D |
| O.1HY | cen-dg\_R | TGCTTCACGGTATTTTTTGAAATC | qPCR Fig. 1F, 3D |
| O.1HX | cen-dg\_F | AAGGAATGTGCCTCGTCAAATT | qPCR Fig. 1F, 3D |
| O.1HW | cen-dh\_F | GTATTTGGATTCCATCGGTACTATGG | qPCR Fig. 1F, 3D |
| O.1HV | cen-dh\_R | ACTACATCGACACAGAAAAGAAAACAA | qPCR Fig. 1F, 3D |
| O.10Z | act1\_R | TCTTTTCCATATCATCCCAGTTG | qPCR Fig. 1F, 3D |
| O.10Y | act1\_F | CTCAAAGCAAGCGTGGTATTT | qPCR Fig. 1F, 3D |

### B) Peptides

Sequence of peptides synthesized by Fmoc-SPPS.

| **Name** | **Synthetic peptide sequence** |
| --- | --- |
| P1 | Fmoc-ARTKQTARKSTGGK(alloc)APR-NHNH2 |
| P2 | Fmoc-ARTKQTARKSTGGKAPRK(alloc)QLA-NH2 |

### C) CRISPR sgRNAs

Sequence of sgRNA used in this study.

| **Name** | **Target** | **Sequence** |
| --- | --- | --- |
| sgRNA\_1 | Clr4 | GACGAGAAATGAAGTGAAGG |
| sgRNA\_2 | Clr4 | GCGAATGTCGCCTAAACAAG |
| sgRNA\_3 | Clr4 | AGCCAGTACCGCTTAACACA |
| sgRNA\_4 | Clr4 | GATTGAAAATTTGGATCAGG |