**Supplementary File 5. cDNA sequences of theophylline-induced signal-connectors targeting and enhancing Renilla luciferase mRNA translation.** Each of these sequences consists of a complementary sequence, one copy of theophylline riboswitch, two copies of eIF4G aptamers and two linker sequences.

|  |  |
| --- | --- |
| Names | Sequences |
| R22 | GCAAAAGCCTAGGCCTCCAACCTCGGCCTAGGCTTTTGCGATACCAGCATCGTCTTGATGCCCTTGGCAGCGCAAAAGCCCAACAACAACAACAAGGGACACAATGGACGTCCGTAGAAACGCGTTAAGGTGAAAGTTTGAGGGCTCCTCATAACGGCCGACATGAGAGCAACAACAACAACAAGGGACACAATGGACGTCCGTAGAAACGCGTTAAGGTGAAAGTTTGAGGGCTCCTCATAACGGCCGACATGAGAG |
| R23 | GTGCCTCACGACCAACTTCTCCTCTTGGTCGTGAGGCACGATACCAGCATCGTCTTGATGCCCTTGGCAGCGTGCCTCACCAACAACAACAACAAGGGACACAATGGACGTCCGTAGAAACGCGTTAAGGTGAAAGTTTGAGGGCTCCTCATAACGGCCGACATGAGAGCAACAACAACAACAAGGGACACAATGGACGTCCGTAGAAACGCGTTAAGGTGAAAGTTTGAGGGCTCCTCATAACGGCCGACATGAGAG |
| R24 | GGAGGCCTAGGCTTTTGCAACCTCAAAGCCTAGGCCTCCGATACCAGCATCGTCTTGATGCCCTTGGCAGCGGAGGCCTACAACAACAACAACAAGGGACACAATGGACGTCCGTAGAAACGCGTTAAGGTGAAAGTTTGAGGGCTCCTCATAACGGCCGACATGAGAGCAACAACAACAACAAGGGACACAATGGACGTCCGTAGAAACGCGTTAAGGTGAAAGTTTGAGGGCTCCTCATAACGGCCGACATGAGAG |
| R25 | GTAATTGAACTGGGAGTGGACCTCTCCCAGTTCAATTACGATACCAGCATCGTCTTGATGCCCTTGGCAGCGTAATTGAACAACAACAACAACAAGGGACACAATGGACGTCCGTAGAAACGCGTTAAGGTGAAAGTTTGAGGGCTCCTCATAACGGCCGACATGAGAGCAACAACAACAACAAGGGACACAATGGACGTCCGTAGAAACGCGTTAAGGTGAAAGTTTGAGGGCTCCTCATAACGGCCGACATGAGAG |