# S1 Appendix

**ID and sequences of the known aptamers in Table 2**

| Aptamer-ID | Sequence (T→U) |
|------------|----------------|
| V1         | ATTGGGGGAAGCGAGGTTGGGACAGCGGGGCGTGGTGT |
| V2         | TGGGGGTGAGGGCGAGGGGTAGGAGATGGAAGGGAGAGG |
| V9         | CAGGGGAGCGGCTGCAGGGTGTCGGGAGGGAGAGG |
| D1         | AACATGGGGGACAGTCGGTCAGGGTAGGTTAGGGGGAGAGA |
| CS1        | GGTCTCATAGGGTTCAAGGCAATTGTTGAGAGCAGAG |
| CS2        | TGTTGGAATGTAGGGCGGTGTTCATGCAGAGCGATCGG |
| CS3        | TAAAGGATTGATGGTGGGCGAGCTGGTGTCATAGG |
| CS4        | CAATAATCTACTGATCCCATGTTTCGGGTGTGGAGAG |
| CS5        | GAAGAGGAATATGGATGGTGGGTCATGAGGGAGGT |
| CS6        | AACCTACAATTGTTGAGTTACCTCCTCCATAGGACCCG |
| CS7        | TATGGTCCCCAATTGGTTGCTCTCGTGGGAGGGAGGA |
| A1         | GCAUAACACUGGUUCCACCGCGCAUCAAGCGAGAGGC |
| A2         | GAUCCACUCUGGGAGGGGUAUCACUGCGGGGGUCCGCGAUA |
| A13        | GUCUAGCUUCAGCAGCCACCGAGGGAGAGAGGGAGGC |
| A16        | AACAAAGCAAGAGAGAGAGUGUCUCGCAUUCGAGGGC |
| C3         | GGGAGAGGAAGGAGAGAUAGAUUAACACUCAGGCUAGACACGGAAGGCGACCGAGCGAAACUAGGU |
| C3.59      | GGGAGAACCACGAAGGGCGAGCUAGCAAUACGGUGUAGGUUAACUUCGUAGGUAGCC |
| 5VOE:A     | GAGAGCCCCAGCGAGAUAAUACUUGGGCUCUCU |