**Приложение 1:** Последовательности UTRs использованных в работе

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| **Название** | **UTR** | **Последовательность** |
| Rabb | 5’UTR | GGGAAATACACTTGCTTTGACACAACTGTGTTTACTTGCAATCCCCCAAAACAGACAGACGCCACC |
| TPL | 5’UTR | GGGAAATACTCTCTTCGCATCGCTGTCTGCGAGGGCCAGCTGTTGGGCTCGCGGTTGAGGACAAACTCTTCGCGGTCTTTCCAGTACTCTTGGATCGGAAACCCGTCGGCCTCCGAACGGTACTCCGCCACCGAGGGACCTGAGCGAGTCCGCATCGACCGGATCGGAAAACCTCTCGAGAAAGGCGTCTAACCAGTCACAGTCGCAAGAAGCTTAGCATTCCGGTAACTGTTGGTAAAGCCACC |
| RNA-1273(Moderna) | 5’UTR | GGGAAATAAGAGAGAAAAGAAGAGTAAGAAGAAATATAAGACCCCGGCGCCGCCACC |
| EMCV | 3’UTR | GGGGCTGAAGGATGCCCAGAAGGTACCCCATTGTATGGGATCTGATCTGGGGCCTCGGTGCACATGCTTTACATGTGTTTAGTCGAGGTTAAAAAGCGTCTAGGCCCCCCGAACCACGGGGACGTGGTTTTCCTTTGAAAAACACGATGATAATATGGCCACAACCGGCTTCTGCCTAATAAAGAATGTTCAGCTCAA |
| RNA-1273(Moderna) | 3’UTR | GCTGGAGCCTCGGTGGCCTAGCTTCTTGCCCCTTGGGCCTCCCCCCAGCCCCTCCTCCCCTTCCTGCACCGTACCCCCGTGTCTTTGAATAAAGTCTGAGTGGGCGGCA |