**Supplementary Table 1**
**SiMVP sequences inconsistently observed in surviving cells from each drug selection cycle**

| Selection cycle | siMVP Sequence |
|---|---|
| 1st | 5'-GUGUCCCGUGUGGAGGUCGGGCC-3'<br>5'-CCCCCCACGUCACUACUGCACAGUGG-3'<br>5'-UGUGUCUCGGGAUGCCCAGGGCUUGGUGCUGUUUGAUG-3'<br>5'-GGCUGGCCCAGGACCCCUUCCCCC-3'<br>5'-CCCGGAAGGAAGUGGAGGUCGUGGA-3'<br>5'-CCACAGUAGGGGCGUACCUCCCAGC-3'<br>5'-CCCAGCGGUGUUUG-3'<br>5'-GUCCCGCCGCACUGGGGA-3'<br>5'-CAGGACACAGAGGCCCACGUGCCAGAUGUCCACGAG-3'<br>5'-GCCCCCACAACUACUGCGUGAUU-3'<br>5'-CACAGUAGGGGCGUACCUCCCAG-3'<br>5'-GGGCAUCUAUGUGCAGGAUGUCA-3'<br>5'-GCGUGAUUCUCGACCC-3'<br>5'-GUCCCGCCGCACUGGGGAGGAGUGGC-3'<br>5'-GCAAGAAUCAGCUGGGGCAGAAGCGCGUGGUCAAGGG-3'<br>5'-UCAAGGGAGAGAAGUCUUUUUU-3'<br>5'-GCUGUCGGAGCAGCAGGGGCUGCUGCUGAGG-3'<br>5'-CCUGGAGGAGGGGGAGGAUGAGGA-3'<br>5'-CCUGGAGUAUGUGCCAUCUGCCAAAGUG-3'<br>5'-CGAGAACGAGGGCAUCUAUGUGC-3'<br>5'-AGGGCAUCUAUGUGCAGGAUGUCA-3'<br>5'-UGAACAAGGGGCAGGAC-3'<br>5'-GGUGAGAAGGACACAGCUAAGAGCCUCCAG-3' |
| 2nd | 5'-GAGGGCCCUGCAGCCCCUGGAGGAG-3'<br>5'-GAGCUGCCUCCCGGGGUGGA-3'<br>5'-GUCCCGCCGCACUGGGGA-3'<br>5'-UCAAGACCGGAAAGGUGCGCGCUGU-3'<br>5'-CCUGCAGGUGGUUCUGC-3' |

a. Only the sense strand is shown.

b. Except the sequences listed in Table 1, no additional siMVP sequences were observed in the third drug selection cycle.