**Supplementary Table 1 Sequenced of the three pairs of gRNAs designed online**

|  |  |  |
| --- | --- | --- |
| gRNA code | Oligo name | Sequence |
| gRNA-1 | Forward | CaccGTGACCGCGAGCACAAACGGGGG |
| Reverse | aaacCCCCCGTTTGTGCTCGCGGTCAC |
| gRNA-2 | Forward | CaccgTTACCTCTCATCGTAGCGGGAGG |
| Reverse | aaacCCTCCCGCTACGATGAGAGGTAAc |
| gRNA-3 | Forward | CaccgCGTGACCGCGAGCACAAACGGGG |
| Reverse | aaacCCCCGTTTGTGCTCGCGGTCACGc |