|  |  |
| --- | --- |
| TAGGagccacaggtaagaatta | Rat-miR29a-E1(1)-gRNA up: |
| AAACTAATTCTTACCTGTGGCT | Rat- miR29a -E1(1)-gRNA down: |
| TAGGGTCTTCATCCAGGCTTGA | Rat-miR29a-E1(2)-gRNA up: |
| AAACTCAAGCCTGGATGAAGAC | Rat- miR29a -E1(2)-gRNA down: |

SgRNA used for generation of miR-29a knockout rat