**Supplementary Table S3.** shRNA target sequences, target region and construct number.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ID | Gene | Target Sequence | Target Region | Construct |
| KD-K2-1 | KANSL2 | AGATACTGATGGCCCTAATAT | 3´UTR | TRCN0000434815 |
| KD-K2-2 | KANSL2 | ACAGTGAAGCTGATAGCATAG | CDS | TRCN0000435099 |
| KD- POU5F1-1 | POU5F1 | AGCGATCAAGCAGCGACTATG | CDS | TRCN0000235523 |
| KD- POU5F1-2 | POU5F1 | AGCGAACCAGTATCGAGAACC | CDS | TRCN0000235524 |