**Additional file 8. Table S2-S3**

**Table S2.** Primers for determining levels of gene expression

|  |  |  |
| --- | --- | --- |
| Gene name | Forward primer | Reverse primer |
| *Spy1**CLIP3**NRF1**NANOG**OCT4**GLUT1**GLUT3* | 5′-TTG TGA GGA GGT TAT GGC CAT T-3′5′-CTC CAC GTG CAG TGA CTT CAA-3′5′- CCA CAG GCA GAT GAA TGT CTT G -3′5′- GAA ATA CCT CAG CCT CCA GC -3′5′- TCT CCC ATG CAT TCA AAC TGA G -3′5′-ATC GTG GCC ATC TTT GGC TTT GTG-3′5′-AGC TCT CTG GGA TCA ATG CTG TGT-3′ | 5′-GCA GCT GAA CTT CAT CTC TGT TGT AG-3′5′-AGG CTG GAA GCA GCG ATG T-3′5′- TCC TGG GAA GGA GAG GAG ATG -3′5′- GCG TCA CAC CAT TGC TAT TC -3′5′- CCT TTG TGT TCC CAA TTC CTT C -3′5′-CTG GAA GCA CAT GCC CAC AAT GAA-3′5′-ATG GTG GCA TAG ATG GGC TCT TGA-3′ |

**Table S3.** Sequences of the wild-type and mutant CLIP3 promoter linked to luciferase gene

|  |  |
| --- | --- |
| CLIP3 promoter | NRF1 consensus sequence[distance from transcription start site] |
| Wild-typeMutant | [-24] GCGCATGCGCA [-14][-24] GCAAATTTGCA [-14] |