Supplemental Table 1. qPCR and ChIP primer sequences.

| Gene    | Forward primers  | Reverse primers          |
|---------|-----------------|--------------------------|
| Gls2    | GACCGTGGTGAACCTGCTAT | TGC GGGAATCATAGTCCTCC    |
| Got1    | GACCATGAGATCCGAACTCA | TGACC AATACTCGACCTG    |
| Gpt2    | GGACAACGTGACTCCTCAG | GGC CAAAATGGATCACTCC    |
| Me1     | GATGATAAAGTCTTCTTACC | TTACTGTTGACTTTGCTCTGT  |
| c-Myc   | TGAGCCCTACTGCTGCA | AGCCCGACTCCGACCTT    |
| CyclinD1| CATCCATGCGGAAATCTG | TCACGCACCTCTTCTGCTTCT  |
| CyclinE1| CTGGCTGAATGTCTATGTC | TCTTGTCTGGGTCTTCTCC    |
| Gl1     | AGTGACCTTGTGAATCAGCAG | GTTGCCCATCTATCCAGAGAG   |
| Got2    | GAAGCAATGTGTGCAAGAGG | GTCATGTGAGACCAGAACTC    |
| Pcx     | AGGAAGGAGGATGTGGTCTT | TCCTCAAGGGTCTTGCACAC   |
| Cs      | ATTCGTGGAAGAAGCAGTG | GCCATGCTCTCTACACTGC    |
| Aco2    | GGTGACCAAGGAGGCTGTAAG | CCCAACATACACAGACACAAACA |
| Ogdh    | AAGTGTGGTGGTGGTAATGG | TGATGTCCTCGGTAACCTG    |
| Sulp1   | TAAGACCCTGTGCTATCCC | CAAACATGTGCTCAGCAG      |
| Sulp2   | AGTTGAGATCCCACCACAG | TGGTGAAGAGGAAGCCCAAG    |
| Peca    | TCCTTTGGGCACCTTTTCAAG | AGGTGGAAACATGAGCATCC     |
| Sdha    | GGAACACTCCCAACAGGCC | CACCACACTGGGTATAGTAGAA |
| Sdhb    | GGACCTATGGTGTGGATGC | GTTGCAACGCAGAGTATTG     |
| Mdh1    | TTCTGACGCTGTCTGATG  | TTTACATTGGCTTTCAGTGGT  |
| Mdh2    | TTGGGCAACCTTTTACCT  | GCCCTTACATTGCTTGCTGTC  |
| Gck     | ACATTTGTGCACGCGCTTGTA | AGCCTGCGACACTGGCGTGAAA  |
| Chrebp-a| CGACACTCACCACCTTCTT | TTGTTCAGGCGGATCTGCTC   |
| Chrebp-b| TCTGCAGATGCCTGCGGAG | CTGTGCCCAGCATTAGAAC    |
| Gdh1    | CATGGAGCTGGGCAAGAAG | CCTATGTGCTGGGCATAGGT    |
| Plk3    | ACCTACAGCCCGCGGATT | CGCAGTGATGCGGACCTC     |
| Cyp2e1  | CTAGGCGGAAACCTCCGCAC | GGGCAGTCTCTGTGTTCACAG  |
| Mgmt    | CCTCTGTGGGGGTACGTGTT | CCTCTGTGGGGGTACGTGTT   |

| Promoter | Forward primers  | Reverse primers          |
|----------|-----------------|--------------------------|
| GLS2-1 and 2 | AGAGGCAGGCCGGATTTTCT | AAGCCAGTGAACCTCAAAATCTTC |
| GLS2-3 | TGCCCTGTAAGTGTCAGTGG | GTGCCTCTGTGCTGAGATGAAA |
| GLS2-4 and 5 | TTTCACTGACCCAGACGAC | CTGGGACAGTCCGGGACAC    |