**Supplementary File 4**

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| **Deposited data** |
| DNMT1-WT-CTRL | This paper | GEO: GSE201470 |
| DNMT1-WT-*O*-GlcNAc | This paper | GEO: GSE201470 |
| DNMT1-S878A-CTRL | This paper | GEO: GSE201470 |
| DNMT1-S878A-*O*-GlcNAc | This paper | GEO: GSE201470 |
| Mass spectrometry proteomics data | This paper | PXD043031 |
| Partially methylated domains of liver cancer | Li et al., 2016 | GEO: GSE70091 |
| RNA sequencing | Chang et al., 2014 | GEO: GSE49994 |

**Supplementary File 4.** List of deposited data in this study.