**Transcriptional regulation of Bcl-2geneby the PR/SET domain family member PRDM10**

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**Supplementary Figure 1**

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**Figure 1 cancer Related genes expression in PRDM10-depleted cells.** Immuno-blot analyses of Bcl-2 proteins in PRDM10-depleted cells (siRNA- PRDM10).

**Supplementary Materials**

**Supplementary Table 1.Antibodies used for Western blot**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Protein | Catalog Number | MW(kDa) | manufacturer | Type |
| β-actin | D110001 | 42 | Sangon | Rabbit PAb |
| PRDM10 | Ab3787 | 120 | Abcam |  Mouse MAb |
| Bcl-2 | SC-509 | 28 | SantaCruz |  Mouse MAb |
| BCl-2 | D160117 | 28 | Sangon |  Rabbit PAb |
| Flag | F1804 | - | SIGMA |  Mouse MAb |
| IgG | D110502 | - | Sangon |  Rabbit PAb |

**Supplementary Table 2. Primers used for real-time PCR analysis**

|  |  |  |
| --- | --- | --- |
| qRT-PCR-analysis | sequence | Product length(bp) |
| β-actin | FP1: AGCGAGCATCCCCCAAAGTTRP2: GGGCACGAAGGCTCATCATT | 285 |
| PRDM10 | FP: GCTGCCTTCCATCGAGAGTGRP: CCAGTCATCCAGATCCGTGTC | 160 |
| Bcl-2 | FP: GGTGGGGTCATGTGTGTGGRP: CGGTTCAGGTACTCAGTCATCC | 89 |

FP1: Forward Primer

RP2: Reverse Primer