**Supplemental Tables (Tables S1-S3)**

**Table S1. RT-qPCR Primers Used in this Study**

|  |  |
| --- | --- |
| **Primer Name** | **Sequence** |
| Yap1\_RT\_F | GAGCAAGCCATGACTCAGGA |
| Yap1\_RT\_R | TCTGGAGACCATGTTTCTGAAGT |
| Bcl2\_RT\_F | TGTGGATGACTGAGTACCTGAAC |
| Bcl2\_RT\_R | GAGAAATCAAACAGAGGTCGCATG |
| BclxL\_RT\_F | AAGGAGATGCAGGTATTGGTGAG |
| BclxL\_RT\_R | CATTGTTCCCGTAGAGATCCACA |
| Mcl1\_RT\_F | ATCGAACCATTAGCAGAAACTATCA |
| Mcl1\_RT\_R | TCTAGGTCCTGTACGTGGAAGAA |
| PumaRD\_RT\_F | AGTGCGTGTGGAGGAGGAGGAGT |
| PumaRD\_RT\_R | GTCGGTGTCGATGCTGCTCTTCT |
| Noxa\_RT\_F | GAAGTCGCAAAAGAGCAGGATGAG |
| Noxa\_RT\_R | AATTCACTTTGTCTCCAATCCTCCG |
| Bmf\_RT\_F | GTTCTTCACCCTGGACCCTG |
| Bmf\_RT\_R | CTAGCTCCTCCACACACTGAG |
| Fas\_RT\_F | AACCATTATGCTGATAAATGCAGAAGA |
| Fas\_RT\_R | CAGGAGAATCGCAGTAGAAGTCT |
| FasL\_RT\_F | TTAGGAATGTATCAGCTCTTCCACC |
| FasL\_RT\_R | TACTTTAAGGCTTTGGTTGGTGAAC |
| Nanog\_RT\_F | AGGGTCTGCTACTGAGATGCTCTG |
| Nanog\_RT\_R | CAACCACTGGTTTTTCTGCCACCG |
| Nes\_RT\_F | AGGACCAGGTGCTTGAGAGA |
| Nes\_RT\_R | TTCGAGAGATTCGAGGGAGA |
| Otx2\_RT\_F | AAGTGAGTTCAGAGAGTGGAACAAG |
| Otx2\_RT\_R | CTCCAGATAGACACTGGAGCACT |
| Gbx2\_RT\_F | AAGACGAGTCAAAGGTGGAAGAT |
| Gbx2\_RT\_R | CAGTCTGACCAGGCAAATTGT |
| Gata4\_RT\_F | TTCTCAGAAGGCAGAGAGTGTGT |
| Gata4\_RT\_R | ATGCCGTTCATCTTGTGATAGAG |
| Gata6\_RT\_1\_F | GACGGCACCGGTCATTACC |
| Gata6\_RT\_1\_R | ACAGTTGGCACAGGACAGTCC |
| Sox17\_RT\_F | CTAAGCAAGATGCTAGGCAAGTCT |
| Sox17\_RT\_R | GTACTTGTAGTTGGGGTGGTCCT |
| Casp2\_RT\_F | TTATCACTTTGGAAATGAGGGAGCT |
| Casp2\_RT\_R | TTCACAGAAGGCATCAAAAGCC |
| Casp3\_RT\_F | GATCTTACTCGTGAAGACATTTTGGAA |
| Casp3\_RT\_R | CTTCATCACCATGGCTTAGAATCAC |
| Casp6\_RT\_F | TCATCTTCAATCACGAGAGGTTCTT |
| Casp6\_RT\_R | CAAATCCTAGATCTGAAAACCTGCG |
| Casp7\_RT\_F | CGCTCCTCTATCATCTCCTCTATTC |
| Casp7\_RT\_R | GAAATCCATGCGGTACAGATAAGTG |
| Casp8\_RT\_F | CTGGTCAACTTCCTAGACTGCAA |
| Casp8\_RT\_R | ATCTCAATTCCAACTCGCTCACT |
| Casp9\_RT\_F | CTCAGACCAGAAACACCCAGG |
| Casp9\_RT\_R | GAATCCAGGGTGTATGCCATATCT |
| Cdx2\_RT\_F | GCGAAACCTGTGCGAGTGGATG |
| Cdx2\_RT\_R | CGGTATTTGTCTTTTGTCCTGGTTTTCA |
| Gata3\_RT\_F | GTAGTGCCCGGTACCATCTC |
| Gata3\_RT\_R | CTACCGGGTTCGGATGTAAGT |
| Gsc\_RT\_F | AGAAGGTGGAGGTCTGGTTTAAG |
| Gsc\_RT\_R | GAGGACGTCTTGTTCCACTTCT |
| T\_RT\_F | CTTCAAGGAGCTAACTAACGAGATG |
| T\_RT\_R | GTCCAGCAAGAAAGAGTACATGG |
| Wnt3\_RT\_F | CTATGAACAAGCACAACAATGAAGC |
| Wnt3\_RT\_R | TTTAGGTGCATGTGGTCCAGG |
| Dnmt3b\_RT\_F | ACTTCAGTGACCAGTCCTCAG |
| Dnmt3b\_RT\_R | CTGCGTGTAATTCAGAAGGCT |
| Fgf5\_RT\_F | CAAAGTCAATGGCTCCCACGAA |
| Fgf5\_RT\_R | CTACAATCCCCTGAGACACACAGC |

**Table S2. Primers Used for the Luciferase Assay**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Region Name** | **Start** | **Forward Oligo** | **Reverse Oligo** | **Length** |
| Mcl1 Distal | chr3:95456899 | TACGCGTGCTAGCCCGGGgcattgaggacgctgatgaag | GCAGATCTCGAGCCCGGGgtttaacacaaccctggcagtc | 279 |
| Mcl1 Distal ΔTBS frg 1 | chr3:95456899 | CCGAGCTCTTACGCGTGCTAGCgcattgaggacgctgatgaagg | gcctctcctcctgctgtgctttaaggcatgtgccaccgct | 181 |
| Mcl1 Distal ΔTBS frg 2 | chr3:95457061 | agcggtggcacatgccttaaagcacagcaggaggagaggc | GATGCAGATCGCAGATCTCGAGgtttaacacaaccctggcagtc | 93 |
| Bcl2 Intronic | chr1:108460969 | TACGCGTGCTAGCCCGGGgaaggactcagttaatacccacgag | GCAGATCTCGAGCCCGGGgcaaactcagatcatcatgctaaaatg | 419 |
| Bcl2 Peak 4 (for Tandem) | chr1:108526701 | cattttagcatgatgatctgagtttgcgaaccaagggggcagcttaacg | GATGCAGATCGCAGATCTCGAGattactgattatcctctggttc | 277 |
| BclxL Intronic | chr2:152618090 | TACGCGTGCTAGCCCGGGctactgggaagaggaagaaaggaac | GCAGATCTCGAGCCCGGGgttagctgttctagacttcgtggta | 628 |
| Bmf Intronic | chr2:118369993 | TACGCGTGCTAGCCCGGGtgtcttgtggctttgctaggtag | GCAGATCTCGAGCCCGGGctgggtgtgtttaagagttttggtc | 748 |
| Noxa Downstream | chr18:66634965 | TACGCGTGCTAGCCCGGGcaaagtcaaaatgcaggccca | GCAGATCTCGAGCCCGGGgcttatatgtgctctgacgaca | 660 |
| Puma Intronic | chr7:16898735 | TACGCGTGCTAGCCCGGGaaataggggtacttaggtcggataa | GCAGATCTCGAGCCCGGGaatgaaggagatggaggactttg | 1169 |

\*Capital letters denote sequence homology to pGL3-promoter whereas lower case letters denote regulatory element sequence.

**Table S3. Table S3. shRNA Constructs and siRNA Duplexes Used in This Study**

|  |  |  |  |
| --- | --- | --- | --- |
| **Gene** | **TRC # (shRNA) or ID (siRNA)** | **Sequence (shRNA) or mRNA Target Position (siRNA)** | **KD** |
| Yap1 | TRCN0000238433 | CCGGTCCAACCAGCAGCAGCAAATACTCGAGTATTTGCTGCTGCTGGTTGGATTTTTG | 1 |
| Yap1 | TRCN0000238434 | CCGGACTTGGAGGCGCTCTTCAATGCTCGAGCATTGAAGAGCGCCTCCAAGTTTTTTG | 2 |
| Casp9 | TRCN0000320959 | CCGGCCACTGCCTCATCATCAACAACTCGAGTTGTTGATGATGAGGCAGTGGTTTTTG | 1 |
| Casp9 | TRCN0000321028 | CCGGAGAGGTTCTCAGACCAGAAACCTCGAGGTTTCTGGTCTGAGAACCTCTTTTTTG | 2 |
| Bcl2 | TRCN0000226262 | CCGGCCACAAGTGAGGTCGACAAACCTCGAGGTTTGTCGACCTCACTTGTGGTTTTTG | 1 |
| Bcl2 | TRCN0000226261 | CCGGCATGCGACCTCTGTTTGATTTCTCGAGAAATCAAACAGAGGTCGCATGTTTTTG | 2 |
| Bmf | TRCN0000009715 | CCGGCATCGGCTTCATACGCAACAACTCGAGTTGTTGCGTATGAAGCCGATGTTTTT | 1 |
| Bmf | TRCN0000009717 | CCGGGCTAGAAGATGATGTGTTCCACTCGAGTGGAACACATCATCTTCTAGCTTTTT | 2 |
| Bbc3  (Puma) | TRCN0000271164 | CCGGAGCCCAACTAGGTGCCTACACCTCGAGGTGTAGGCACCTAGTTGGGCTTTTTTG | 1 |
| Bbc3  (Puma) | TRCN0000271167 | CCGGCAAGAAGAGCAGCATCGACACCTCGAGGTGTCGATGCTGCTCTTCTTGTTTTTG | 2 |
| Mcl1 | SASI\_Mm02\_00314161 | 1424 | 1 |
| Mcl1 | SASI\_Mm01\_00048594 | 924 | 2 |
| Bcl2l1  (BclxL) | SASI\_Mm02\_00316924 | 707 | 1 |
| Bcl2l1  (BclxL) | SASI\_Mm02\_00316925 | 658 | 2 |