Table S5. Sequences of primers for mouse genotyping

| Target     | Forward (5’-3’)                  | Reverse (5’-3’)                  |
|------------|----------------------------------|----------------------------------|
| Rblox      | CTCTAGATCCTCTCATTCTTCCC          | CCTTGACCATAGCCCCAGCAC           |
| RbΔ       | CTCTAGATCCTCTCATTCTTCCC          | GCAGGAGGCAAAAATCCACATAAC        |
| p53lox     | CACAAAAACAGGTTAAAACCCAG          | AGCACATAGGAGGCAGAGAC           |
| p53Δ       | CACAAAAACAGGTTAAAACCCAG          | GAAGACAGAAAAAGGGGAGGG          |
| p130lox    | GTGTTGTAACATTCTGCTGGG            | GACTGCGTGTATTAGAACC            |
| L-Myclox   | CATTAGAAGTTGTATTTGCGGC           | TGCCGCTATTCCTCAATACATCTTCTTC   |

Table S6. Sequences of primers for quantitative RT-PCR

| Target     | Forward (5’-3’)                  | Reverse (5’-3’)                  |
|------------|----------------------------------|----------------------------------|
| Chga       | CGATCCAGAAAGATGATGTC             | CGGAAGCCTCGTCTTTTC              |
| Cgrp       | TGCAGGACTATATGCGAGTGAAGA         | GGATCTCTTGAGAGATGCA             |
| Syp        | CTGGGAGCAGATGGAGCTG             | CTGGACCACCGGAACCTG             |
| Ascl       | GCTCTCACGGGAACTGACTG            | CGTGGCGAGAAACACTAAG            |
| Ncam1      | AGGGCAAGGCTGCTTTTTCC            | CCCCATCATGGTTGGAT              |
| E-Cad      | CAGAAATGACCAACAGGCGGAAGA       | TTTATCGAGGCTGTTCTG             |
| Nfib       | GGGACTAAGCCCAAGAGACC            | GTCCAGTCACAATCTCTCAGC           |
| E2f1       | TGCCAAAGGAATCCAGAAATCA          | CTCTCAAGGCGCTTCAACATCA          |
| L-Myc (mouse) | ACGGCACCTCTAGTCTGGA           | CCAGTCTCAATCCTCTCCTT           |
| N-Myc (mouse) | CCTCCGGAAGGATACCTTTG         | TCTCTCCAGGACACATCG             |
| c-Myc (mouse) | CCTAGTGCTGCTGAGGAGA           | TCTCTCCTCACTTCTGCTTC            |
| L-MYC (human) | GTGGGGTACGGGGGTGTAAGT          | ATTTGGAAGTACAGGCTGGGT           |
| N-MYC (human) | CCACAAGGCGCTTCAGTACCA        | TCTCTCCTTTCACTTCTCATTCA         |
| c-MYC (human) | CACCAGCAGCCGACTCTGA           | GATCCAGACTGACCTTCTTGC          |
| Arbp P0 (mouse) | GATGCCAGGGGAAGACAG         | ACAATGGAAGCATTCTTGATACATCA      |
| ARBP P0 (human) | GCCACCATGGAATCCCTCTGGAG      | GAAGGGGAGATGTTGGAC             |
| 45S rRNA ITS (human) | TTACCCTCTAGTATGTGGTTGTA   | CCTGGGCTTCTCCTCTGTA           |
| β2M (human) | TTCTGGCCTGAGGCTACATC         | TCAAGAATTTGACTTCTCCATTC        |
| β2m (mouse) | TTTCCCTCCCACCTGAGCTGAT        | GTCTTGCGCTCGGCCATA             |
| 47S rRNA ITS (mouse) | CCGGCTTGGCCCGATT      | GCCAGCAGGAACGAAAC              |

Table S7. Sequences of guide RNAs for mouse genome

| Target     | Forward (5’-3’)                  | Reverse (5’-3’)                  |
|------------|----------------------------------|----------------------------------|
| L-Myc      | CAGACTGAGGAGTGCCGTCGG          | CGGACGGTACTCTAGTCTG             |
| N-Myc      | TGGTCGCGGCGGCGCTAGTG           | CACTAGGCGCCCGGCGGACCA           |
| c-Myc      | GGGGTCAATGCACCTGGACG          | CGTCGGAGTGCAATTGACCC            |

Table S8. Sequences of primers for amplification and sequencing of CRISPR-targeted genome

| Target     | Forward (5’-3’)                  | Reverse (5’-3’)                  |
|------------|----------------------------------|----------------------------------|
| L-Myc      | GCAGGAAATAGTCTCCATCATTCCG       | GGAAGGTTTATAGTCTAATGCTGTA        |
| N-Myc      | AAGCTAGAGCCCGACGTGAAGAAA       | CTGAGTCTCAAGGATATCTCCTCC         |
| c-Myc | CTGTATGTGGAGCGGTTTCTCAGCC | CGGTGTCTCCTCATGCAGCAGCAGTAGG |