

Table SI.Primer sequences for quantitative RT-PCR.

| Gene name       | Direction | Primer sequence              |
|-----------------|-----------|------------------------------|
| <i>GAPDH</i>    | Forward   | <i>GCACCGTCAAGGCTGAGAAC</i>  |
|                 | Reverse   | <i>ATGGTGGTGAAGACGCCAGT</i>  |
| <i>PMM2</i>     | Forward   | <i>GAGCAACTGGGAAATGATGTG</i> |
|                 | Reverse   | <i>TTTCGCAATGTAGCTCAGACA</i> |
| <i>ACOX1</i>    | Forward   | <i>ATTCGCTCAGATGCTGTTGC</i>  |
|                 | Reverse   | <i>TTCGTGGACCTCTGCTTTGT</i>  |
| <i>KDM3A</i>    | Forward   | <i>TGTGCGACACCACCATCTTC</i>  |
|                 | Reverse   | <i>CACCCTGTTGGCAATTCTTT</i>  |
| <i>HSPB1</i>    | Forward   | <i>AGCTGACGGTCAAGACCAAG</i>  |
|                 | Reverse   | <i>TGGGATGGTGATCTCGTTGG</i>  |
| <i>PPARGC1A</i> | Forward   | <i>CCCACCACTCCTCCTCATAAA</i> |
|                 | Reverse   | <i>GCATACAACTCGGATTGCTCC</i> |
| <i>UPK3B</i>    | Forward   | <i>CCCTGCTGGAGTGATTGGA</i>   |
|                 | Reverse   | <i>GGAGAAGGTGGTGGCTGTGA</i>  |
| <i>EPHB2</i>    | Forward   | <i>CGCCGTGCGTGTCTTCTA</i>    |
|                 | Reverse   | <i>AGCCACCAGCGATGTGCT</i>    |

Table SII. Multivariate Cox regression analysis of prognostic genes in colon adenocarcinoma.

| Gene            | Coefficient | HR      | 95%CI           | P-value               |
|-----------------|-------------|---------|-----------------|-----------------------|
| <i>PMM2</i>     | -0.34559    | 0.70780 | 0.48650-1.02978 | 0.07083               |
| <i>ACOX1</i>    | -0.44662    | 0.63979 | 0.44133-0.92748 | 0.01841               |
| <i>KDM3A</i>    | 0.79297     | 2.20996 | 1.61007-3.03335 | 9.22x10 <sup>-7</sup> |
| <i>HSPB1</i>    | 0.14968     | 1.16146 | 0.97045-1.39007 | 0.10252               |
| <i>PPARGC1A</i> | -0.20650    | 0.81342 | 0.66362-0.99705 | 0.04677               |
| <i>UPK3B</i>    | 0.19863     | 1.21973 | 1.00828-1.47552 | 0.04087               |
| <i>EPHB2</i>    | -0.14950    | 0.86113 | 0.70764-1.04792 | 0.13553               |

HR, hazard ratio; CI, confidence interval.