

Table S1. Primers used for real-time PCR.

| Gene | Forward (5'-3') | Reverse (5'-3') | Ref. |
|---------------|--------------------------|------------------------|---------|
| PCFT | CACTCTACCCAGCCACTCTGAAC | GATCAGCCTTTCCAGCATCC | 1 |
| RFC | ACCATCATCACTTTCATTGTCTC | ATGGACAGGATCAGGAAGTACA | 1 |
| FPGS | CCGAGCATGGAGTACCAAGGA | GCGCTTCACCTGCTCCAG | 1 |
| DHFR | ATGCCTAAACTTACTGAACAACCA | TGGGTGATTCATGGCTTCCT | 1 |
| TS | TCCCGAGACTTTGGACAGC | TGATGGTGTCAATCACTCTTGC | 1 |
| GARTF | GTGGAGGAAGGAAACATACGC | TCTTTGCAGAATTGAGCAAGG | 1 |
| BCRP | GGATGAGCCTACAACGGCTT | CTTCCTGAGGCCAACAAAGGTG | 2 |
| MRP-1 | GTGTTCTGGTCAGCCAACT | TTGGATCTCAGGATGGCTAGG | 2 |
| CAD | GGTCTCTGCAAGTGGTTGAA | CCTGTTCCCGCAACTTCTT | Current |
| ENT1 | GGGCAGCCTGTTGGTCT | CCACTGGCAATAGCGCAG | Current |
| ENT2 | CTCCTGTCCATGCCAGTG | GGGCCTGGGATGATTATTG | Current |
| ENT3 | TCAGCGGTGCCTCCACTGT | GCAGCCAAGTCCACCAATGA | Current |
| CNT3 | ACATTCTTTGGGTTCCAT | GCAATCAGATTACAGCGATG | Current |
| Glut-1 | GAAGGTGATCGAGGAGTTCTACA | CATAGCGGTGGACCCATGTC | Current |
| VEGF | TGCCAAGTGGTCCCAG | GTGAGGTTGATCCGC | 3 |
| Gus-B | CCATTCTATGCCATCGTG | ATGTCGGCCTCGAAGGG | Current |

1. Gonen, N and Assaraf, YG, (2010) The obligatory intestinal folate transporter PCFT (SLC46A1) is regulated by nuclear respiratory factor 1. *J Biol Chem* 285: 33602-13.
2. Evseenko, DA, Murthi, P, Paxton, JW, Reid, G, Emerald, BS, Mohankumar, KM et al., (2007) The ABC transporter BCRP/ABCG2 is a placental survival factor, and its expression is reduced in idiopathic human fetal growth restriction. *Faseb J* 21: 3592-605.
3. Xu, J, Wang, B, Xu, Y, Sun, L, Tian, W, Shukla, D et al., (2012) Epigenetic regulation of HIF-1alpha in renal cancer cells involves HIF-1alpha/2alpha binding to a reverse hypoxia-response element. *Oncogene* 31: 1065-72.