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| **Table S3.**  |
| **Name** | **Plasmid** | **Primer** | **Sequence (5’→3’)** |
| hPanK2(1-570) | pAA309 | hPanK2-SDM-EcoRI-3-for | GTTGAAGATCCCGGGAATTCATTACCTGGGG |
|  | hPanK2-SDM-EcoRI-3-rev | CCCCAGGTAATGAATTCCCGGGATCTTCAAC |
| hPanK2(1-210) | pAA241 | hPanK2-Bglll-for | AGATCTGCCACCATGAGGAGGCTCGGGCCCTTCCACCCA |
|  | hPanK2-EcoRI-210-rev | GAATTCCAAGCGGCCGCTTTTTCCTCAGGCTTTCGACGCGCT |
| hPanK2(1-150) | pAA197 | hPanK2-Bglll-for | (See pAA241) |
|  | hPanK2-EcoRI-150rev | GAATTCCCTGCTCCCCAGCCGACGAGACGGAGGTGGCGG |
| hPanK2(95-570) | pAA359 | hPanK2-Nhel-for | GCTAGCATGCTCTGCTCTGGCTGGACT |
|  | hPanK2-EcoRI-rev | TACCGTCGACTGCAGAATTCCCGGGAT |
| hPanK2(1-52) | pAA308 | hPanK2-Bglll-for | (See pAA241) |
|  | hPanK2-52-EcoRI-rev | TATTGAATTCCGTCCAATGAGAGGCTATCGT |
| hPanK2(82-570) | pAA321 | hPanK2-82-for | ATGGCTATGCGTTGGCGCAACGGAAGA |
|  | hPanK2-SDM-EcoRI-3-rev | (see pAA309) |
| hPanK2(82-210) | pAA249 | hPanK2-82-For | ATGGCTATGCGTTGGCGCAACGGAAGA |
|  | hPanK2-EcoRI-210-rev | (See pAA241) |
| hPanK2(82-94) | pAA251 | hPanK2(82-94)-f | CTAGCGTCGCCACCATGAGATGGAGAAATGGAAGAGGAGGACGTCCAAGAGCTCGAA |
|  | hPanK2(82-94)-rev | AGCTTTCGAGCTCTTGGACGTCCTCCTCTTCCATTTCTCCATCTCATGGTGGCGACG |
| hPanK2(268-275) | pAA303 | hPanK2(268-275)-for | CTAGCGTCGCCACCATGCTCGAGCTGAAGGACCTGACTCTGGAA |
|  | hPanK2(268-275)-rev | CCGGTTCCAGAGTCAGGTCCTTCAGCTCGAGCATGGTGGCGACG |
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