**Table S2. A list of primers used in the reactions for clone PCR.**

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| **Used for subcloning and plasmid construction (5’-3’):** |
| SMEK1-CDS-F | ATGACCGACACCCGGCGGCG |
| SMEK1-CDS-R | TTATTATGAATCAAATTTTGC |
| SPARCL1-3’UTR-clone-F | CCAACTGAAGGTACATTGGACAT |
| SPARCL1-3’UTR-clone-R | CTGTGAAGGAACTAACACCAGG |
| FOXC1-3’UTR-clone-F | CTGCCCGACTACTCTCTGC |
| FOXC1-3’UTR-clone-R | CACCGAGTGGAAGTTCTGC |
| CASP1-3’UTR-clone-F | TTTCCGCAAGGTTCGATTTTCA |
| CASP1-3’UTR-clone-R | GGCATCTGCGCTCTACCATC |
| GPX4-3’UTR-clone-F | GAGGCAAGACCGAAGTAAACTAC |
| GPX4-3’UTR-clone-R | CCGAACTGGTTACACGGGAA |
| GTF2I-3’UTR-clone-F | TTGTCGTCGGAACTGAAAGAG |
| GTF2I-3’UTR-clone-R | CGATTTGCCTGGGTTGTAGAT |
| STUB1-3’UTR-clone-F | AGCAGGGCAATCGTCTGTTC |
| STUB1-3’UTR-clone-R | CAAGGCCCGGTTGGTGTAATA |
| SMEK1-3’UTR-clone-F | ATTGTTGGCATGTTGCAGGAA |
| SMEK1-3’UTR-clone-R | TTTTGAGGCTGTAGCGTTTG |
| SEMA3A-3’UTR-clone-F | CTATCTTCCGAACTCTTGGGCA |
| SEMA3A-3’UTR-clone-R | CTTTGGATCATTGAGCCACCT |
| ELK3-3’UTR-clone-F | ATCTGCTGGACCTCGAACGA |
| ELK3-3’UTR-clone-R | TTCTGCCCGATCACCTTCTTG |
| SFRP4-3’UTR-clone-F | CACACCAGACATGATGGTACAG |
| SFRP4-3’UTR-clone-R | GCTGAGATACGTTGCCAAAGTT |
| SMEK1-CDS-clone-F | ATGACCGACACCCGGCGGCG |
| SMEK1-CDS-clone-F | TTATGAATCAAATTTTGCTT |
| SMEK1-shRNA-1 | AAAAGCAGAACTTGTGGCATCATCTTTGGATCCAAAGATGATGCCACAAGTTCTGC |
| SMEK1-shRNA-2 | AAAAGGAGGCACAACAGAATGATGATTGGATCCAATCATCATTCTGTTGTGCCTCC |