**Supplementary table S1: List of primers used**

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| **Names of molecules** | **Purposes** | **Primer names** | **Primer sequences (5´-3´)** |
| SmILK |  cloning | ILK-*Not*I-fw1 SmILK-2-fwd(*Nco*I) | *GCGGCCGC*ATGGAAACTATTATTGCTCATGTTC*CCATGG*AAACTATTATTGCTCATGTTC |
|  | ILK-*Xba*I-revSmILK-2-rev(*Xma*I) | *TCTAGA*ATTGAGAAGCACGTTCACGC*CCCGGG*GCTCATTGAGAAGCACGTTCAC  |
| SmILK | deletion cloning | SmILK2-Del\_ANK1-fwd(*Nco*ISmILK-2-rev(*Xma*I) | *CCATGG*GTGATGACACAG*CCCGGG*GCTCATTGAGAAGCACGTTCAC |
| SmILK | ish | ILK-fw4ILK-rev5 | GAAGGTGAATCATGGGATCCTCGGCAATATCTTCGTCCACCATTACG |
| SmILK | dsRNAsynthesis | ILK-T7-fw3ILK-T7-rev4 | *TAATACGACTCACTATAGGGAGA*GAAGGTGAATCATGGGATCCTCG*TAATACGACTCACTATAGGGAGA*GCAATATCTTCGTCCACCATTACG |
| SmILK | qPCR | qILK-fwqILK-rev | GGAGCATGTCTTATGCAAGCCAATCCAGCTTGTATCACG |
| SmPINCH | cloning | PINCH-*Eco*RI-fwPI-pACT-fwd(*Nco*I)Pinch-*Xho*I-revPI-pACT-rev(BamHI) | *GAATTC*ATGCTTCATGAGGCACG*CCATGG*AGATGCTTCATGAGGCACG*TGGAGT*AAGAGTTCCTGTCTTGA*GGATCC*CTTAATTACTCCATTTTTGTCTATCTGA |
| SmPINCH | deletion cloning | Pinch-Del4Lim-fwPinch-Del4Lim-rev | GTCTGTCATATATGCGCGAAACTGATACACCAGAACGACTGAAAC |
| SmPINCH | ish | Pinch-si-fw | GTGATCAAGAACTTGGTTTGGATG |
|  | Pinch-si-rev | ATTGCATTGGTAACTTATCATAAC |
| SmPINCH | dsRNAsynthesis | Pinch-T7-fw | *TAATACGACTCACTATAGGGAGA*GTGATCAAGAACTTGGTTTGGATG |
|  | Pinch-T7-rev | *TAATACGACTCACTATAGGGAGA*ATTGCATTGGTAACTTATCATAAC |
| SmPINCH | qPCR | qPinch-fwqPinch-rev | GTGGTGAAAGCAATGAATCGAAGGTTTGACAGATATGACAGCCAAC |
| SmNck-2 | cloning | Nck2-*Bam*H1-fw1 | *GGATCC*ACATGATGTCTCATAAAAATACGG |
|  | Nck2-*Xba*1-rev1 | *TCTAGA*AGAAAAACGATTGTGTGGAGCAG |
| SmNck-2 | deletion cloning | NckDEL3SH3-fwNckDEL3SH3-rev | ACACCACCGACGGCAACTACAACATGTTGCTGTTGCTGACCTTCATG |
| SmNck-2 | ish/qPCR | Nck2-ds-fwNck2-ds-rev-2 | ACACTTAATCGGGATGTAAATGCAAGCAACCTGTACTAGACTG |
| SmNck-2 | dsRNAsynthesis | Nck2-T7-fwNck2-T7-rev-2 | *TAATACGACTCACTATAGGGAGA*ACACTTAATCGGGATGTAAATG*TAATACGACTCACTATAGGGAGA*CAAGCAACCTGTACTAGACTG |
| SmEIF4G1 | qPCR | qSm8900-fwqSm8900-rev | ACCGCACACGCTGTTGATGGCAACGGCAAGAACTTCGG |
| SmBAK | qPCR | qSmBak-fwqSmBak-rev | GCCGACGAACTTCAACTGATATGCTTCTCATATGTGGCTGACTTG |
| SmBAX | qPCR | qSmBax-fwqSmBax-rev | CGATGAGAAGTTGAAGAATTGGGCAAGCCCACCAACATTACG |
| SmmTOR | qPCR | qSmmTOR-fwqSmmTOR-rev | GAACCACATGGCAATCTCGCACACAGTCCAGCAAAGCGTA |
| SmSod | qPCR | qSmSod2-fwqSmSod2-rev | CAATTGCTGTCCAGGGTTCGATGCATGCTCCCAAACGTCG |
|  |  |  |  |

Tm°C, annealing temperature; fw, forward; rev, reverse.; ish, *in situ* hybridization. Recognition sequences for restriction enzymes as parts of some the primer sequences are indicated by italics as well as sequences representing the T7 promoter. Appropriate restriction enzymes (or T7 promotor, respectively) are parts of the primer names given. SmEIF4G1, ortholog of the eukaryotic translation-initiation factor 4 gamma (Smp\_008900), which was used as reference gene for qPCR.