

**Supplementary Table S3. The primers used in this study.**

Primer	Primer sequence (5'-3')
UPM_long	CTAATACGACTCACTATAGGGCAAGCAGTGGTATCAACGCAGAGT
UPM_short	CTAATACGACTCACTATAGGGC
NUP	AAGCAGTGGTAACAACGCAGAGT
GSP1	TAAGGAGCGGCTCCCTCAGGTCGAG
GSP2	ACCTT/CGTCCCCTCTGCCACTGCTGCA
BamHI F	CCAGAGGAAAGGATCCGAACTAGTT
HindIII R	GCC <u>AAGCTT</u> TGCCCTCTCCCTCAG