

Supplementary Materials: TOR Pathway-Mediated Juvenile Hormone Synthesis Regulates Nutrient-Dependent Female Reproduction in *Nilaparvata lugens* (Stål)

Kai Lu, Xia Chen, Wen-Ting Liu and Qiang Zhou

Table S1. Primers used in this study. TOR: target of rapamycin; S6K: S6 kinase.

Purpose	Primer Name	Primer Sequence (5'-3')
qPCR analysis	Q-TOR-F	AACGCCATGGAGGTGACAGG
	Q-TOR-R	ATGAGGCGCCAGTTGAGCAG
	Q-S6K-F	AGGACACTGCGCACACCAAG
	Q-S6K-R	CAATTCTCCGCCGCTCAGAT
	Q-Rheb-F	ACGGCGGGTCAGGATGAGTA
	Q-Rheb-R	TCCAAGGACTTGGATGAGGTGA
	Q-jmtN-F	GAACCTGCAGGCCAAACACA
	Q-jmtN-R	ACCACTCGGTTGGGCTGAAT
	Q-met-F	AGTGGCAGCGAGCGATGATT
	Q-met-R	TGAGGCCGACAGCAAAAAGGAG
dsRNA synthesis	TOR-Fi	CAGTGGCCCGAGGTCTACGA
	TOR-Ri	TCCCACGCCTGGTTCAAGTC
	TOR-T7Fi	TAATACGACTCACTATAGGGCAGTGGCCCGAGGTCTACGA
	TOR-T7Ri	TAATACGACTCACTATAGGGTCCCACGCCTGGTTCAAGTC
	S6K-Fi	CATTGTGCGCAACCAGAAGG
	S6K-Ri	TTTCGGCAGTGAAGGGAGGA
	S6K-T7Fi	TAATACGACTCACTATAGGGCATTGTGCGCAACCAGAAGG
	S6K-T7Ri	TAATACGACTCACTATAGGGTTTCGGCAGTGAAGGGAGGA
	Rheb-Fi	GTTGATACGGCGGGTCAGGA
	Rheb-Ri	GCATGTTTCCGTTGGCCTTT
	Rheb-T7Fi	TAATACGACTCACTATAGGGGTTGATACGGCGGGTCAGGA
	Rheb-T7Ri	TAATACGACTCACTATAGGGGCATGTTTCCGTTGGCCTTT
	jmtN-Fi	CTCCAGGCCATTGTCCCTCA
	jmtN-Ri	TTGGCCTGCAGGTTCTTTGG
	jmtN-T7Fi	TAATACGACTCACTATAGGGCTCCAGGCCATTGTCCCTCA
	jmtN-T7Ri	TAATACGACTCACTATAGGGTTGGCCTGCAGGTTCTTTGG
	met-Fi	GACCCAAGCCACCCTCCAAG
	met-Ri	TCCCCATCGTCAGCCAACCTC
	met-T7Fi	TAATACGACTCACTATAGGGGACCCAAGCCACCCTCCAAG
met-T7Ri	TAATACGACTCACTATAGGGTCCCCATCGTCAGCCAACCTC	