

Structure, target-specificity and expression of *PNLNCN13*, a non-coding RNA differentially expressed in apomictic and sexual *Paspalum notatum*

Plant Molecular Biology

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MAIZE	MCVCLSTQAHHTSTSTTIHQAKHQPLMPSQSTHTSSSLSSSTTPILPCSSAAALFRSVM
sexisotig30600	-----
apoisotig30493	-----M
MAIZE	AAVATETPFHVLAVDDSLPDRKLIERLLKTSFQVTTVDSGSKALQFLGLHDQDSTVPPV
sexisotig30600	-----
apoisotig30493	AAVATKTPFHVLAVDDSLPDRKLIERLLKTSFQVTTVDSGSKALQFLGIHD-----
MAIZE	HTHQLDVAANQDVAVNLIITDYCMPGMTGYDLLKKIKESSSLRDIPVVMSSSENIPSRIN
sexisotig30600	-----MPGMTGYDLLKKIKESSSLRDIPVVMSSSENIPSRIN
apoisotig30493	-----AAVNLIITDYCMPGMTGYDLLKKIKESSSLRDIPVVMSSSENIPSRIN

MAIZE	RCLEEGADEFFLKPVRSLDMNKLKPHILKSRCNQEQ---HQQSDSHSGERRNPTI-SSS
sexisotig30600	RCLEEGADEFFLKPVRSLDMSKLKPHILKSRCKEHYHQEQHSDRNSDERGNPANSSSS
apoisotig30493	RCLEEGADEFFLKPVRSLDMSKLKPHILKSRCKEHYHQEQHSDRNSDERGNPANSSSS
	*****.*****:.*:***.* ** *:***
MAIZE	DSINNRKRKGAGTEEILPQLANRSRHS-----
sexisotig30600	DSINTRKRKAADNEEILPQA-NRSRHSWKQTD
apoisotig30493	DSINTRKRKAADNEEILPQT-NRSRHSWKQTD
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Supplementary Online Resource 3: Clustal alignment and scheme of maize and *Paspalum* N13TAR sequences. The *Paspalum* sequences are shorter than the maize ortholog and show differences in the N-terminal extension between the sexual and the apomictic genotypes.

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