

Overexpression of Osta-siR2141 caused abnormal polarity establishment and retarded growth in rice

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Supplemental Table S1 Sequence of primers used in this study

Gene name	Sequence for forward primer (5'-3')	Sequence for reverse primer (5'-3')
<i>actin</i>	AGGAATGGAAGCTGCGGGTAT	GCAGGAGGACGGCGATAACA
<i>Os01g70270</i>	TGAGATGGCGGTGGAGAAG	TGACTGAAGAAGGCACATTGG
<i>Os05g48870</i>	GCTGAGTTCCTGTCGCCA	GCTCCAACGCCTACATCTAAGA
<i>Os05g43920</i>	GCTGATTGCCGTGGACTTAC	CGGACCTCTCATTAGCATCTTC
<i>Os01g48060</i>	GGGAGATTGAGCTTAGTGGA	GGCAGAACTGATGTGGTTAT
<i>Os01g54990</i>	TGCCGGTGTAGTGAAGTAGAC	GCCCAACATGCAGCTTCGTGTA
<i>OsVPI</i>	CGGCAGGCGAAGACGGACAAG	CGGCGAGCCATGCTTATG
<i>Waxy</i>	TGTTCTGCTGCAACGACTGG	CAGAAGAACGATCTGGAC
<i>OSHB1</i>	CGGATTCGGTTGGTATTGTGG	GAAAATCTCATGGGTCGCAAC
<i>OSHB2</i>	TCTTGGTTCCTGATTGTCGAA	GCCCATTCAGAACGATGTT
<i>OSHB3</i>	GCGGAACCATTGAGCTAATC	CCCTCAGAAATCGCACAAGTAG
<i>OSHB4</i>	GGAAGTTGACTGCGATGAACA	CCACTACAATTGTGCGAAACAG
<i>OSHB5</i>	GGAAACGCCAGCAACTACCAAG	GAGGCGGGAGGACGAGAG
<i>Actin(Ar)</i>	CTCTCTATGCCAGTGGTCGTACAAC	AGAACCTCAGGACAACGGAATC
<i>ARF3</i>	ATGGGCATCAACAGCGTGTC	ATGTCCCTTCCTTGCGAATGA
<i>ARF4</i>	TTTGAGGAGTCGGTTAGAC	CATCATACCCGTTAAGTCG
miR390F	GGgtcgacGGAAGCTCTTTTAGGCGTTCA	
miR390R	GGgatccCTTCAGAGGTGTGCGTGGAG	
siARFF	CCTTTAGTTTGATTTCGAAAGGTCTTGCAAGGTCAAGAACAAGGATTGTTCCAT ACCC	
siARFR	CCTTTCGAAATCAAATAAAGGTCTTGTCAGGTCAAGACCATGGTTTGTCTTA CCAC	
<i>OsHB3IF</i>	gggatccGCGGCAATGGCTAGGAGT	
<i>OsHB3IR</i>	gggaattcGTTGGCGAAGGTGAACATAGG	

Supplemental Figure S1 (next page)

Sketch map of plasmid OsmiR-ARF(390) construction

siR2141
siR2141*

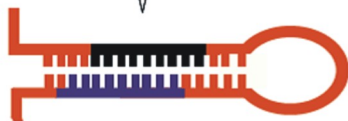
MiR390 backbone



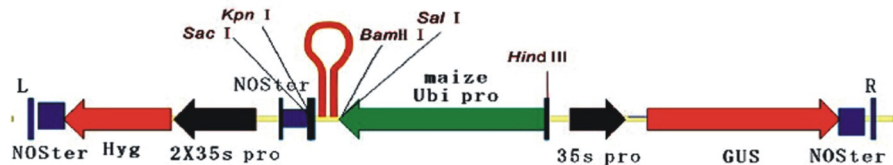
+



Substitution



insertion



OsmiR-ARF(390)