

Table S6 Putative *BnATGs* -targeted miRNA

miRNA_Ac	Target_Acc	Expectation	miRNA_sta	miRNA_enc	Target_start	Target_end	miRNA_alig	alignment
bn-miR156	BnATG12a	5	1	21	149	169	UGACAGA	:
bn-miR156	BnATG1d	4	1	21	165	185	UUGACAG	. . . . .
bn-miR156	BnATG7b	4.5	1	21	1059	1079	UUGACAG	:
bn-miR156	BnATG1d	4	1	21	165	185	UUGACAG	. . . . .
bn-miR156	BnATG7b	4.5	1	21	1059	1079	UUGACAG	:
bn-miR156	BnATG12a	5	1	20	150	169	UGACAGA	:
bn-miR156	BnATG12a	5	1	20	150	169	UGACAGA	:
bn-miR156	BnATG12a	5	1	20	150	169	UGACAGA	:
bn-miR156	BnATG1d	4	1	21	165	185	UUGACAG	. . . . .
bn-miR156	BnATG7b	4.5	1	21	1059	1079	UUGACAG	:
bn-miR159	BnATG18c	4	1	21	36	56	UUUGGAU	:
bn-miR159	BnATG18s	4	1	21	36	56	UUUGGAU	:
bn-miR161	BnVPS15a	4	1	21	2105	2125	UCAAUGC	. . . . .
bn-miR164	BnATG18f	4	1	21	947	966	UGGAGAA	. . . . .
bn-miR164	BnATG18p	4	1	21	947	966	UGGAGAA	. . . . .
bn-miR164	BnATG18q	5	1	21	921	942	UGGAGAA	. . . . .
bn-miR164	BnATG8c	5	1	21	343	363	UGGAGAA	. . . . .
bn-miR164	BnATG8q	5	1	21	343	363	UGGAGAA	. . . . .
bn-miR164	BnATG18f	4	1	21	947	966	UGGAGAA	. . . . .
bn-miR164	BnATG18p	4	1	21	947	966	UGGAGAA	. . . . .
bn-miR164	BnATG18q	5	1	21	921	942	UGGAGAA	. . . . .
bn-miR164	BnATG8c	5	1	21	343	363	UGGAGAA	. . . . .
bn-miR164	BnATG8q	5	1	21	343	363	UGGAGAA	. . . . .
bn-miR164	BnATG18f	4	1	21	947	966	UGGAGAA	. . . . .
bn-miR164	BnATG18p	4	1	21	947	966	UGGAGAA	. . . . .
bn-miR164	BnATG18q	5	1	21	921	942	UGGAGAA	. . . . .
bn-miR164	BnATG8c	5	1	21	343	363	UGGAGAA	. . . . .
bn-miR164	BnATG8q	5	1	21	343	363	UGGAGAA	. . . . .
bn-miR164	BnATG18f	4	1	21	947	966	UGGAGAA	. . . . .
bn-miR164	BnATG18p	4	1	21	947	966	UGGAGAA	. . . . .
bn-miR164	BnATG18q	5	1	21	921	942	UGGAGAA	. . . . .
bn-miR164	BnATG8c	5	1	21	343	363	UGGAGAA	. . . . .
bn-miR164	BnATG8q	5	1	21	343	363	UGGAGAA	. . . . .
bn-miR164	BnATG18f	4	1	21	947	966	UGGAGAA	. . . . .
bn-miR164	BnATG18p	4	1	21	947	966	UGGAGAA	. . . . .
bn-miR164	BnATG18q	5	1	21	921	942	UGGAGAA	. . . . .
bn-miR169	BnATG3a	4.5	1	21	512	533	UGAGCCA	. . . . .
bn-miR169	BnATG3d	4.5	1	21	515	536	UGAGCCA	. . . . .
bn-miR171	BnATG11d	4.5	1	21	1273	1293	UUGAGCC	. . . . .
bn-miR171	BnATG11d	4.5	1	21	1273	1293	UUGAGCC	. . . . .
bn-miR171	BnATG11d	4.5	1	21	1273	1293	UUGAGCC	. . . . .
bn-miR171	BnATG11d	4.5	1	21	1273	1293	UUGAGCC	. . . . .
bn-miR171	BnATG11d	4.5	1	21	1273	1293	UUGAGCC	. . . . .
bn-miR172	BnATG18w	4.5	1	21	1358	1378	AGAAUCU	. . . . .
bn-miR172	BnATG1e	5	1	21	201	220	AGAAUCU	. . . . .
bn-miR172	BnATG1k	5	1	21	198	217	AGAAUCU	. . . . .
bn-miR172	BnATG18w	5	1	21	1358	1378	GGAAUCU	. . . . .
bn-miR172	BnATG7b	5	1	21	401	421	GGAAUCU	. . . . .
bn-miR172	BnATG18w	5	1	21	1358	1378	GGAAUCU	. . . . .
bn-miR172	BnATG7b	5	1	21	401	421	GGAAUCU	. . . . .
bn-miR172	BnATG18w	4.5	1	21	1358	1378	AGAAUCU	. . . . .

bn-miR172 BnATG1e	5	1	21	201	220 AGAAUCU :: ::::: ::
bn-miR172 BnATG1k	5	1	21	198	217 AGAAUCU :: ::::: ::
bn-miR211 BnVTI12g	4	1	21	513	533 UAAUCUG ::::: :::::
bn-miR211 BnATG1a	5	1	21	183	203 AUCCUCG : ::::: :::::
bn-miR211 BnATG1f	5	1	21	183	203 AUCCUCG : ::::: :::::
bn-miR211 BnVTI12g	4	1	21	513	533 UAAUCUG ::::: :::::
bn-miR211 BnVTI12g	4.5	1	21	513	533 UAAUCUG ::::: :::::
bn-miR211 BnVTI12g	4	1	21	513	533 UAAUCUG ::::: :::::
bn-miR395 BnATG18e	5	1	21	1031	1052 CUGAAGU ::::: . :::::
bn-miR395 BnATG18j	5	1	21	1082	1103 CUGAAGU ::::: . :::::
bn-miR395 BnATG18o	5	1	21	1046	1067 CUGAAGU ::::: . :::::
bn-miR395 BnATG18v	5	1	21	1058	1079 CUGAAGU ::::: . :::::
bn-miR395 BnATG1b	5	1	21	1311	1331 CUGAAGU ::::: . :::::
bn-miR395 BnATG8s	5	1	21	293	313 CUGAAGU : ::::: :::::
bn-miR395 BnATG18e	5	1	21	1031	1052 CUGAAGU ::::: . :::::
bn-miR395 BnATG18j	5	1	21	1082	1103 CUGAAGU ::::: . :::::
bn-miR395 BnATG18o	5	1	21	1046	1067 CUGAAGU ::::: . :::::
bn-miR395 BnATG18v	5	1	21	1058	1079 CUGAAGU ::::: . :::::
bn-miR395 BnATG1b	5	1	21	1311	1331 CUGAAGU ::::: . :::::
bn-miR395 BnATG8s	5	1	21	293	313 CUGAAGU : ::::: :::::
bn-miR395 BnATG18e	5	1	21	1031	1052 CUGAAGU ::::: . :::::
bn-miR395 BnATG18j	5	1	21	1082	1103 CUGAAGU ::::: . :::::
bn-miR395 BnATG18o	5	1	21	1046	1067 CUGAAGU ::::: . :::::
bn-miR395 BnATG18v	5	1	21	1058	1079 CUGAAGU ::::: . :::::
bn-miR395 BnATG1b	5	1	21	1311	1331 CUGAAGU ::::: . :::::
bn-miR395 BnATG8s	5	1	21	293	313 CUGAAGU : ::::: :::::
bn-miR395 BnATG18e	5	1	21	1031	1052 CUGAAGU ::::: . :::::
bn-miR395 BnATG5a	5	1	21	297	317 CUGAAGU ::::: . :::::
bn-miR395 BnATG5b	5	1	21	294	314 CUGAAGU ::::: . :::::
bn-miR395 BnATG5c	5	1	21	294	314 CUGAAGU ::::: . :::::
bn-miR395 BnATG18e	5	1	21	1031	1052 CUGAAGU ::::: . :::::
bn-miR395 BnATG5a	5	1	21	297	317 CUGAAGU ::::: . :::::
bn-miR395 BnATG5b	5	1	21	294	314 CUGAAGU ::::: . :::::
bn-miR395 BnATG5c	5	1	21	294	314 CUGAAGU ::::: . :::::
bn-miR395 BnATG18e	5	1	21	1031	1052 CUGAAGU ::::: . :::::
bn-miR395 BnATG5a	5	1	21	297	317 CUGAAGU ::::: . :::::
bn-miR395 BnATG5b	5	1	21	294	314 CUGAAGU ::::: . :::::
bn-miR395 BnATG5c	5	1	21	294	314 CUGAAGU ::::: . :::::
bn-miR395 BnATG18e	5	1	21	1031	1052 CUGAAGU ::::: . :::::
bn-miR395 BnATG5a	5	1	21	297	317 CUGAAGU ::::: . :::::
bn-miR395 BnATG5b	5	1	21	294	314 CUGAAGU ::::: . :::::
bn-miR395 BnATG5c	5	1	21	294	314 CUGAAGU ::::: . :::::
bn-miR395 BnATG11a	5	1	21	494	516 UUCCACA ::::: . :::::
bn-miR395 BnATG11a	5	1	21	949	969 UUCCACA ::::: . :::::
bn-miR395 BnATG11b	5	1	21	952	972 UUCCACA ::::: . :::::
bn-miR395 BnATG11b	5	1	21	737	757 UUCCACA ::::: . :::::
bn-miR395 BnATG11c	3	1	21	739	759 UUCCACA ::::: . :::::
bn-miR395 BnATG11c	5	1	21	964	984 UUCCACA ::::: . :::::
bn-miR395 BnATG11d	5	1	21	949	969 UUCCACA ::::: . :::::
bn-miR395 BnATG11e	3	1	21	739	759 UUCCACA ::::: . :::::
bn-miR395 BnATG11e	5	1	21	964	984 UUCCACA ::::: . :::::
bn-miR395 BnATG11f	5	1	21	955	975 UUCCACA ::::: . :::::
bn-miR602 BnATG18j	4	1	21	53	73 UGGGGU ::::: . :::::
bn-miR602 BnATG18r	5	1	21	152	172 UGGGGU ::::: . :::::

bn-miR603 BnATG1k	5	1	24	302	324 AAGAGGU	.... . ....
bn-miR603 BnATG8g	5	1	24	340	363 AAGAGGU	.... .....
bn-miR603 BnATG8x	5	1	24	379	402 AAGAGGU	.... .....
bn-miR603 BnATG11d	5	1	21	2078	2097 UGAACCA :
bn-miR603 BnATG7a	4.5	1	21	612	632 UGAACCA :
bn-miR603 BnATG7b	4.5	1	21	609	629 UGAACCA :
bn-miR603 BnATG4c	5	1	21	1	21 UCUGAUG	..... .
bn-miR824 BnVPS34a	5	1	21	2388	2408 UAGACCA	.. . :
bn-miR824 BnVPS34b	5	1	21	2388	2408 UAGACCA	.. . :

Target_align Inhibition

AUUUUUU Cleavage
CGAUUUU Cleavage
AAACGUU Cleavage
CGAUUUU Cleavage
AAACGUU Cleavage
UUUUUUU Cleavage
UUUUUUU Cleavage
UUUUUUU Cleavage
CGAUUUU Cleavage
AAACGUU Cleavage
CUGUGCU Cleavage
CUGUGCU Cleavage
CUGUCAU Cleavage
UGCAAG-(Cleavage
UGCAAG-(Cleavage
CCCACAG Cleavage
AACACGU Translation
AACACGU Translation
UGCAAG-(Cleavage
UGCAAG-(Cleavage
CCCACAG Cleavage
AACACGU Translation
AACACGU Translation
UGCAAG-(Cleavage
UGCAAG-(Cleavage
CCCACAG Cleavage
AACACGU Translation
AACACGU Translation
UGCAAG-(Cleavage
UGCAAG-(Cleavage
CCCACAG Cleavage
AACACGU Translation
AACACGU Translation
CGGCAAC Cleavage
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CGUGGUG Cleavage
CGUGGUG Cleavage
CGUGGUG Cleavage
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CGUGGUG Cleavage
GCGCAGC Cleavage
UCCCAAC Cleavage
UCCCAAC Cleavage
GCGCAGC Cleavage
GUGCUUU Cleavage
GCGCAGC Cleavage
GUGCUUU Cleavage
GCGCAGC Cleavage

UCCCAAC Cleavage
UCCCAAC Cleavage
UAAGCUU Cleavage
UGAGAUU Cleavage
UGAGAUU Cleavage
UAAGCUU Cleavage
UAAGCUU Cleavage
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AACCUCA Cleavage
ACGGUUA Cleavage
ACGGUUA Cleavage
CUGCCUC Cleavage
AAGAUCC Cleavage

AUGGCAA Cleavage
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GGAGAGA Cleavage
AAGCUCA Cleavage
UGUUCCA Translation
UGUUCCA Translation
AUGAAAC Cleavage
UCUGUUC Cleavage
UCUGUUC Cleavage