

A		B		C		D		E		F		G		H		I
1	sRNA Accession	sRNA sequence 5' to 3'	Target ID	Target cleavage	5' RACE primer name	5' RACE primer sequence (5' to 3')		5' RACE nested primer name		5' RACE nested primer sequence (5' to 3')						
2	sRNA87	AGUGGCUAU AUGUGAAGAUUC	SGN-U346874	NO	SGN-U346874_RACE	TGCAGCTGAATTTCCAACAATTGAGCAA		SGN-U346874_RACE_nested		GCGAATGGTCCATATCAACATGAAGGT						
3	sRNA101	AAUGUCCCAAAAGUAUGACGAA	SGN-U313970	NO	SGN-U313970_RACE	TCTGAACTATCATAAATGGTATTCATATATTCTCCATCAT		SGN-U313970_RACE_nested		ATGGTATTCATATATTCTCCATCATACTTTAGACTGTCTA						
4	sRNA101	AAUGUCCCAAAAGUAUGACGAA	SGN-U317563	NO	SGN-U317563_RACE	AGCCGAAATAAAGAGACGGACCATAATCCT		SGN-U317563_RACE_nested		GAGACGGACCATAATCCTTATAAAATATTGTGCAT						
5	sRNA101	AAUGUCCCAAAAGUAUGACGAA	SGN-U340348	NO	SGN-U340348_RACE	ATCGGGGTAAACAAGCAATAGTGTGCCAG		SGN-U340348_RACE_nested		GGTAACAAGCAATAGTGTGCCAGGGATG						
6	sRNA127	UAUCGAUGGAUAAAGAUJUGUC	SGN-U313970	NO	SGN-U313970_RACE	TCTGAACTATCATAAATGGTATTTCATATATTCTCCATCAT		SGN-U313970_RACE_nested		ATGGTATTCATATATTCTCCATCATACTTTAGACTGTCTA						
7	sRNA154	AGGUUGCAACCCUUUCAAAA	SGN-U341018	NO	SGN-U341018_RACE	TTTAGCAAACCTTATAAAGCTTGAAATGCTCAAG		SGN-U341018_RACE_nested		AGCAAACCTTATAAAGCTTGAAATGCTCAAGATT						
8	sRNA160	AUUUCACUUAGACACCUCAA	SGN-U322371	YES	SGN-U322371_RACE	CAACACAAAATGGGCCTTCTTCCAGTCAA		SGN-U322371_RACE_nested		CCCTGTATCATTAGTAATACGGTTAAGCATC						
9	sRNA161	UCAUUUUAGACACCUCAUGUAGGG	SGN-U346061	NO	SGN-U346061_RACE	ACCTTCATTCTTCACTTGTCCACCTTCC		SGN-U346061_RACE_nested		CCACCTTCCTCCTTTAATTTTCTCATCTCAA						
10	sRNA179	GUCGAUUGACCGAACCAUGUUAA	SGN-U313612	NO	SGN-U313612_RACE	CCTTGTAGGAAAAGGTTTTGGATTGACTAATCCT		SGN-U313612_RACE_nested		TGGATTGACTAATCCTTTTCTTGTAGGGAAAGGT						
11	sRNA188	UAUCCAAAGACAAUCCAUGGAA	SGN-U335989	NO	SGN-U335989_RACE	GGAATCAATCATCATCCCCACAGGCTAC		SGN-U335989_RACE_nested		CCCCACAGGCTACAACATGATGTCAAGTTCA						
12	sRNA191	GUAAGAUCUGCGUACACUCUA	SGN-U315022	NO	SGN-U315022_RACE	TGATCCATCATCAGACAAATCATCTTCTCCAT		SGN-U315022_RACE_nested		GACAAATCATCTTCTCCATGATTTTCTTCACA						
13	sRNA191	GUAAGAUCUGCGUACACUCUA	SGN-U330043	NO	SGN-U330043_RACE	CTTCCATGGAGAAGAATTTCCACAAACCAGA		SGN-U330043_RACE_nested		GTATTTGAAGTCCATAAAGAGGCGATACAAA						
14	TomTar1	AUAAUUGUUUUUGAAAUUAUUA	SGN-U345392	NO	SGN-U345392_RACE	TGAGGACCACCTTTAGGGAAAATGCCAAAATAC		SGN-U345392_RACE_nested		TTAGTAAGGACATCTTTTCGACCATTCTTTGTC						
15	TomTar3	CAUUGAUUUUCACGACCAAC	SGN-U322467	NO	SGN-U322467_RACE	ATAAGTGCAGCTGTATGAAGTAGACGTTACATC		SGN-U322467_RACE_nested		GTGCAGCTGTATGAAGTAGACGTTACATCAATA						
16	TomTar4	AAUUGGUGCAACAGGUGUCUG	SGN-U320102	NO	SGN-U320102_RACE	CTGGCAGACTCCAAGCACATTTCTTCAAAC		SGN-U320102_RACE_nested		TTCATTAGGCGAGTCATGTGGAGCAT						
17	TomTar6	ACAGAUAAAGAUUGUGUCACAUJUC	SGN-U346515	NO	SGN-U346515_RACE	TAGGCCCACGTCACGGGTTGACAAAT		SGN-U346515_RACE_nested		GCTGAAGGTGGTGCAAGCAGCCAGTTA						
18	TomTar9	UUGAUGUAAACAUCCGGUGCG	SGN-U322803	NO	SGN-U322803_RACE	ATATTCATGCAGCGAAGAATTGAAACACG		SGN-U322803_RACE_nested		TGCAGCGAAGAATTGAAACACGGAAAAGAT						
19	TomTar9	UUGAUGUAAACAUCCGGUGCG	SGN-U336814	NO	SGN-U336814_RACE	ATCAATTCATGAATCCAAGATGTACGTCTCC		SGN-U336814_RACE_nested		TCAATGAATCCAAGATGTACGTCTCTACGTA						
20	TomTar12	CAUACUUUUUGGACAUUGGUGUC	SGN-U318420	NO	SGN-U318420_RACE	CATATTGTTATGGTTCCAATTCAGGCTATT		SGN-U318420_RACE_nested		ATGGTTCCAACCTCAGGCTATTAGAGTA						
21	TomTar18	CUUGAGGUGUCCAAGUGAAAA	SGN-U340742	NO	SGN-U340742_RACE	TCCCACCATTTGGTCAACTAGGAAACAGTCA		SGN-U340742_RACE_nested		AATTTGGGAACCAGAGGCAACATGGAGAA						
22	TomTar19	AUUUGUUUGUCUGGUUUUAA	SGN-U326810	NO	SGN-U326810_RACE	GACTCTTTGCCATGATTTGGGACTTTGG		SGN-U326810_RACE_nested		CCTGTGGTAAAGGCAACTCATAGGATTAGGC						
23	tom.00099_2nd_mature_miRNA	AAGUACCCCUCAACCUAUGCCC	SGN-U344585	NO	SGN-U344585_RACE	TTGGCACCTCAAAATCAACTAGGTCGAGA		SGN-U344585_RACE_nested		CACCTCAAAATCAACTAGGTCGAGATGAA						
24	tom.03164_mature_miRNA	AACUAAACUAAAGUCCUAAUACCC	SGN-U317134	NO	SGN-U317134_RACE	CACCCAACCCTAGTTATGCTCACAAATTCA		SGN-U317134_RACE_nested		ACCCTAGTTATGCTCACAAATTCAGAACTT						
25	tom.03164_mature_miRNA	AACUAAACUAAAGUCCUAAUACCC	SGN-U321397	NO	SGN-U321397_RACE	TCCCTAACTGTGGTCAAAATCCTAGAGACA		SGN-U321397_RACE_nested		TGTGGTCAAAATCCTAGAGACACTTTTAAAC						
26	tom.03369_mature_miRNA	AAACUUGUAUAAAGUUGAACAGU	SGN-U336973	NO	SGN-U336973_RACE	GCAGTAGAGAACCTGAAACAGAAATTGAGGTG		SGN-U336973_RACE_nested		AGGTGAAAATCCTGTAAACTTGAAATCG						
27	SlymiR156/157	UGACAGAAGAGAGUGAGCAC	SGN-U324312	YES	SGN-U324312_RACE	GAATAGATGTTGCTCAGCTTGCCAGCGTTC		SGN-U324312_RACE_nested		GATGTTGCTCAGCTTGCCAGCGTTCAGT						
28	SlymiR156/157	UGACAGAAGAGAGUGAGCAC	SGN-U317177	YES	SGN-U317177_RACE	TGCCAACGGCTTATTCTTTTGTCTTCC		SGN-U317177_RACE_nested		CGGCTTATTCTTTTGTCTTCCCTTTAC						
29	SlymiR156/157	UGACAGAAGAGAGUGAGCAC	SGN-U319736	YES	SGN-U319736_RACE	ACATGTGAAACACAGGATAGCTTTATTTTCGGTCT		SGN-U319736_RACE_nested		GTGAAACACAGGATAGCTTTATTTTCGGTCTACAA						
30	SlymiR160	UGCCUGGCUCUUGUAUGCCA	SGN-U324618	YES	SGN-U324618_RACE	CTCATTGTCCCCAAATGCACACTGCTC		SGN-U324618_RACE_nested		GTCCCCAAATGCACACTGCTCTGACTA						
31	SlymiR164	UGGAGAAGCAGGGCACGUGCA	SGN-U326326	YES	SGN-U326326_RACE	TGGTTCAGGTGAACGAAGTCGGAAGAGAG		SGN-U326326_RACE_nested		GTTCCAGGTGAACGAAGTCGGAAGAGAGT						
32	SlymiR165/166	UCGGACCAGGCUUCAUUCUCCC	SGN-U321033	YES	SGN-U321033_RACE	CCAGATAGGGATCTTTCAAAACAGCAGAGAC		SGN-U321033_RACE_nested		AGGGATCTTTCAAAACCAAGCAGAGATCCCAT						
33	SlymiR167	UGAAGCUGCCAGCAUUAUCUA	SGN-U327976	YES	SGN-U327976_RACE	TCCAACCTCCTCTTTCCCAAGTTTCTGC		SGN-U327976_RACE_nested		CCTCTTTCCCAAGTTTCTGCACATCCTC						
34	SlymiR169	CAGCCAAGGAUGACAUUGCCGG	SGN-U319634	NO	SGN-U319634_RACE	TGCCAGAAAAGTCCACGCATCATCACAT		SGN-U319634_RACE_nested		AAAAGTCCACGCATCATCACATCATCTAG						
35	SlymiR171	UGAUUGAGCCGUGCCAAUAUC	SGN-U333058	YES	SGN-U333058_RACE	GGTGCGCCACCACCTTCTCAAGGCAAG		SGN-U333058_RACE_nested		TCAAACCCATCCAAGACCTCAAGCAG						
36	SlymiR172	AGAAUCUUGAUGAUGCUGCAU	SGN-U314858	YES	SGN-U314858_RACE	TGATTTCAAACCAAGAGCCTTAGGTAATATATATGG		SGN-U314858_RACE_nested		CAAACCAAGAGCCTTAGGTAATATATATGGAGTAT						
37	SlymiR403	UUAGAUUCACGCACAAACUCG	SGN-U315036	YES	SGN-U315036_RACE	CCTCCAGAGACCCCCAAAGCAGATAAAAA		SGN-U315036_RACE_nested		GACCCCCAAAGCAGATAAAACACAATCA						
38	SlymiR858	UUUCGUUGUCUGUUCGACCUU	SGN-U320618	YES	SGN-U320618_RACE	CAACTTCTCATCTTGTCTTTCTTCCCACT		SGN-U320618_RACE_nested		CTCATCTTGTCTTTCTTCCCACTTCTT						
39	SlymiR858	UUUCGUUGUCUGUUCGACCUU	SGN-U322556	YES	SGN-U322556_RACE	TCCTGCCCAAGAATTTGGCACCTCTATCT		SGN-U322556_RACE_nested		ATTCCATGGCACTATCAAGCTGGCA						
40	SlymiRX	AUUAUAUAAAGAGUGCUAAAGU	AY382676	NO	AY382676_RACE	CGAAGTGTGCATTCCTTATTAATTTCTGTA		AY382676_RACE_nested		TTGATAGAAAATAGAGAAGACTGTTATTTGCTT						
41	SlymiRX	AUUAUAUAAAGAGUGCUAAAGU	TC189700	YES	TC189700_RACE	CACCAAATTTCAACTACTTCGAACCTAACTAAA		TC189700_RACE_nested		ATTTCAACTACTTCGAACCTAACTAAAGTGTA						
42	SlymiRX	AUUAUAUAAAGAGUGCUAAAGU	SGN-U327764	NO	SGN-U327764_RACE	GAGCGATCATTTGTTAGAACAAGGTGCAATG		SGN-U327764_RACE_nested		ATGCATTATGGTTTTCTCTGATAAAATTAAG						
43	SlymiRX	AUUAUAUAAAGAGUGCUAAAGU	SGN-U347021	NO	SGN-U347021_RACE	GCTGCGGACAACAGCAGTTTCAAAGAAC		SGN-U347021_RACE_nested		CGGACAACAGCAGTTTCAAAGAAGCTCTA						
44	Candidate2	GGGGCUCGAACUGGUGACCUUG	SGN-U317671	NO	SGN-U317671_RACE	GTGGCATAGCGGATGGCAGACAAGAAAAAC		SGN-U317671_RACE_nested		CTTCTGTATATCCGAAAATATGGGCATG						
45	Candidate3	AUGGUGCUACACAAAUUAGA	SGN-U315416	NO	SGN-U315416_RACE	CCGCACAAGATACAACCTGAACGTCCACAA		SGN-U315416_RACE_nested		TCACCTCAAATCCTCTTGCTGAATTGTTA						
46	Candidate3	AUGGUGCUACACAAAUUAGA	SGN-U315420	NO	SGN-U315420_RACE	GAAAATGTAATCGTAGCAAGAGGCACCCC		SGN-U315420_RACE_nested		TGTAATCGTAGCAAGAGGCACCCATTGCG						
47	Candidate3	AUGGUGCUACACAAAUUAGA	SGN-U341264	NO	SGN-U341264_RACE	TGGTTTGGGTTGCTGGGTTTGC		SGN-U341264_RACE_nested		GGTTTGGGTTGCTGGGTTTGCCTG						
48	Candidate3	AUGGUGCUACACAAAUUAGA	SGN-U320020	NO	SGN-U320020_RACE	TTAAAGAAAACCTTACTTGAACCCAAAGATGAAC		SGN-U320020_RACE_nested		ACAGTGCCTGTTAGCAACTTGAATCCACTACTC						
49	Candidate4	AUGGUGCUACAUAAAUGGGA	EG364348	NO	EG364398_RACE	ACTTTACATCATTTACCTTATCATCCAGTTTT		EG364398_RACE_nested		TTTACATCATTTACCTTATCATCCAGTTTTGA						
50	Candidate4	AUGGUGCUACAUAAAUGGGA	SGN-U317485	NO	SGN-U317485_RACE	TTAAACAAAATCTACTTAGGGATTATTAAGAATCT		SGN-U317485_RACE_nested		CAAAATCTACTTAGGGATTATTAAGAATCTGCT						
51	Candidate7	UGUUGGUGAGAGUUCGAUUCUC	DV105068	NO	DV105068_RACE	GGCAGGTCTCTGGGTTCTTGAGATGTATTCTG		DV105068_RACE_nested		TTCTGAAGAGCATATCACACTGTTTTGACTTT						
52	Candidate7	UGUUGGUGAGAGUUCGAUUCUC	SGN-U326398	YES	SGN-U326398_RACE	GCAGCGGAGTGGAGCAGCCGAGAT		SGN-U326398_RACE_nested		CGGAGTGGAGCAGCCGAGATGTTA						
53	Candidate7	UGUUGGUGAGAGUUCGAUUCUC	SGN-U330472	NO	SGN-U330472_RACE	TTCCTCTCAATGCTTCCATTCCGCTCTC		SGN-U330472_RACE_nested		CCTCTCAATGCTTCCATTCCGCTCTCAT						
54	Candidate7	UGUUGGUGAGAGUUCGAUUCUC	SGN-U332451	NO	SGN-U332451_RACE	CTGTAAGAAAGCTGAAATTAATTAATGTTACAAAAA		SGN-U332451_RACE_nested		TGAAATTAATTAATGTTACCAAAAAAGAAAGAGG						
55	Candidate7	UGUUGGUGAGAGUUCGAUUCUC	SGN-U338343	NO	SGN-U338343_RACE	ATGTTTGTATGCCAGCCCTTGCTTGC		SGN-U338343_RACE_nested		TGTATGCCAGCCCTTGCTTGCCTTTA						
56	Candidate8	AAGGGUAAUUAUAGAGCCUA	SGN-U312793	NO	SGN-U312793_RACE	AGCCATCATCAATGCGACATAGACACCAG		SGN-U312793_RACE_nested		ATGCGACATAGACACCAGCAGTGAAAGGA						
57	Candidate8	AAGGGUAAUUAUAGAGCCUA	SGN-U314194	NO	SGN-U314194_RACE	CAGGAAAAAGGCAACGATACCCGCCACAA		SGN-U314194_RACE_nested		TGTGAACAGGTCCATAACCAGCAACAGCA						
58	Candidate8	AAGGGUAAUUAUAGAGCCUA	SGN-U335132	NO	SGN-U335132_RACE	TTCGGGGAATTTTGAAAGGTAGTAAATGGGGACT		SGN-U335132_RACE_nested		ATTTTGAAGGTAGTAAATGGGGACTTGAAGGGA						
59	Candidate10	AGCCAAUAGGUGAAUGAAGG	SGN-U317199	NO	SGN-U317199_RACE	CGTCACTTTATTGTTGCTGCCATTGTTGTTGTT		SGN-U317199_RACE_nested		ACTTTATTGTTGCTGCCATTGTTGTTGTTATTG						
60	Candidate10	AGCCAAUAGGUGAAUGAAGG	SGN-U320054	NO	SGN-U320054_RACE	AGGAGATGAATAACAATCCCAATGGGGCAAA		SGN-U320054_RACE_nested		GAGATGAATAACAATCCCAATGGGGCAAAAT						
61	Top2	UCUGAUGACACAGGUGCCACU	SGN-U323627	NO	SGN-U323627_RACE	TAGGCTCATATAATTTGCGCTGTTCTTGGCTAC		SGN-U323627_RACE_nested		TAATTGGCTGTCTTGGCTACGATTTTTATT						
62	Top14	CUUGGGACCAAAGUCACCAAC	TC180246	NO	TC180246_RACE	AGCCATTTCTCTCTGTTGCTTTCTCA		TC180246_RACE_nested		CCCTCAATGATGGTAAAGGTAGTGGTGCT						
63	Combined miRNA candidate 1	ACAUUUUUCGAGAGUCCGAGC	SGN-U341593	NO	SGN-U341593_RACE	AGCATAGTTGATTAGTCGTCCTTTCCCATACAG		SGN-U341593_RACE_nested		CATTGAATAAGATCCTCATTTAAGTTGCCCAA						
64	Combined miRNA candidate 1	ACAUUUUUCGAGAGUCCGAGC	TA55545_4081	NO	TA55545_4081_RACE	CATTATTTGTTGAACGATTATGCTTTCCTGGAA		TA55545_4081_RACE_nested								