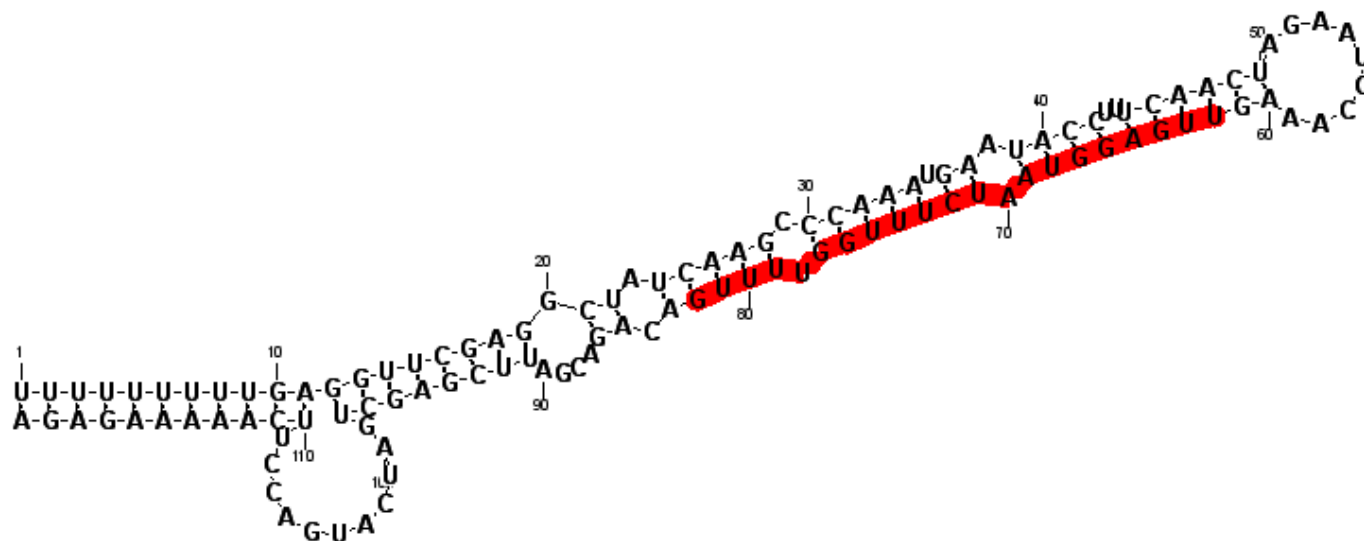


block4618 [novel_cloningOK_randfoldOK]

miRNA	randfold	RNA	rep	GC min/max	len min/max /mir_range	5'var	3'var	reads	reads edited	libs	libs edited	base distance	loop distance	position	locations	exon distance	unpaired	max bulge	total reads	total libs	dicer	drosha
no	0.004	no	no	0.33/0.33	21/21/1.00	0.0	0.0	6	0	1	0	38	2	3arm	1	nd	0.14	2	6	1	na	na



cbriggsae	chromosome:chrX:15631738:15631857:-1	Opposite_strand Intronic_coding NM_001026149 mes-6 ## {Repeats: no}
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celegans	chromosome:chrV:4145125:4145277:-1	Opposite_strand Intronic_coding Y45G5AL.1a
cbrenneri	chromosome:chrUn:95608622:95608781:-1	Same_strand Intronic_coding NM_010206 # # Opposite_strand Intronic_coding NM_063731
ppacificus	chromosome:chrUn:97886086:97886245:1	intergenic

Hairpin parameters

Families

cbriggsae	chromosome:chrII:12875615:12875729:1	Same_strand Intronic_non-coding NM_001030387 ARIH1 ## {Repeats: no}
cremanei	chromosome:chrUn:145159924:145160078:1	Opposite_strand Boundary_coding NM_059414 ## Opposite_strand Intronic_coding NM_007741
cbrenneri	chromosome:chrUn:76323104:76323248:-1	intergenic
cjaponica	chromosome:chrUn:397107:397261:1	Opposite_strand Intronic_coding NM_001040096 ## Opposite_strand Boundary_coding NM_077467

Hairpin parameters

Families

cbriggsae	chromosome:chrII:12876993:12877107:-1	Opposite_strand Intronic_non-coding NM_001030387 ARIH1 ## {Repeats: no}
cremanei	chromosome:chrUn:145159924:145160078:1	Opposite_strand Boundary_coding NM_059414 ## Opposite_strand Intronic_coding NM_007741
cbrenneri	chromosome:chrUn:76323104:76323248:-1	intergenic
cjaponica	chromosome:chrUn:397107:397261:1	Opposite_strand Intronic_coding NM_001040096 ## Opposite_strand Boundary_coding NM_077467

block4665 [novel_cloningHIGH_randfoldOK]

Hairpin parameters

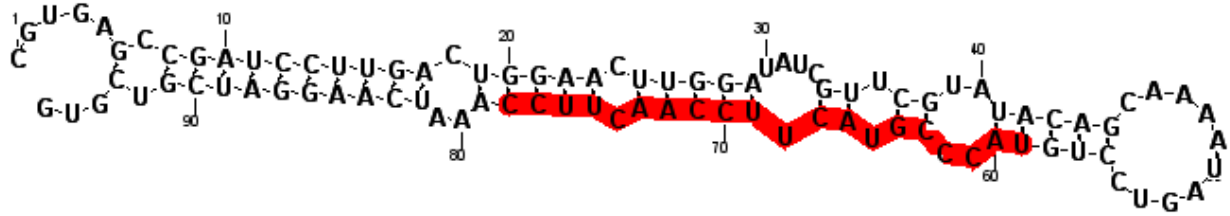
miRNA	randfold	RNA	rep	GC min/max	len min/max /mir_range	5'var	3'var	reads	reads edited	libs	libs edited	base distance	loop distance	position	locations	exon distance	unpaired	max bulge	total reads	total libs	dicer	drosha
no	0.003	no	no	0.44/0.50	18/20/0.98	0.0	0.0	363	0	1	0	18	3	3arm	1	nd	0.25	2	370	1	na	na

Clusters

Located in cluster 10: cel-mir-56, cbr-mir-55, block4662_novel, cel-mir-54, block4665_novel, block4666_novel

Families

Member of family miR-51/52/55 (seed ACCCGUA): cel-mir-56, cel-mir-54, cbr-mir-55, cbr-mir-52, cbr-mir-51, block4665_novel, block4666_novel



seed	-----ACCCGUA-----																			
	-----TACCCGTA--CTTCCAACCTTC-----																			
	-----TACCCGTA--CTTCCAACCTTC-----																			
	-----TACCCGTA--CTTCCAACCTT-----																			
cbriggsae	---CGTGA---	GCCGA---	-----	TCCTTGACTGGA	ACTTGGATATCGTT	CG---	TATACAGCAAAATAGT	CCTGTACCCGTA--	CTTCCAACCTTCCAAAT-----	CAAGGATCGTCGTG-----										
cremanei	AATGTAGATCTC	ACCGAGT	TTTTATGTATCTGATCTG	AATGGAATAGC-	TTCGAACTG	CGGAGCAAAGACACTCTG-	ACCCGTAAGCTGCTCAATTTCAGATTAGATACATAGAAATCGGTAAGATATACAA													
	**	****	*	***	***	* * * * * * *	*	*****	*** *****	** * * * * *	* ****	*								
	----	----	----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----							
	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----							
	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++							
	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++							
	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----							
cbriggsae		..(((		(((((	(((((	(((((	(((((	(((((	(((((	(((((	(((((	(((((	(((((	(((((	(((((	(((((	(((((	(((((	(((((	(((((
cremanei	(((((	(((((	(((((	(((((	(((((	(((((	(((((	(((((	(((((	(((((	(((((	(((((	(((((	(((((	(((((	(((((	(((((	(((((	(((((	(((((

cbriggsae	chromosome:chrX:16837432:16837527:-1	Opposite_strand Intronic_non-coding NM_026450 Zfp169 ## Same_strand Intronic_non-coding NM_064155 Y17G7B.3 ## {Repeats: no}
cremanei	chromosome:chrUn:118806979:118807111:-1	Opposite_strand Intronic_coding NM_064591

cbrenneri	chromosome:chrUn:1030240:1030397:-1	intergenic
cjaponica	chromosome:chrUn:6831718:6831807:1	intergenic

Hairpin parameters

Clusters

cbriggsae	chromosome:chrIII:218778:218894:-1	Same_strand Intronic_non-coding NM_001102902 LOC100124966 ## Opposite_strand Intronic_coding NM_001077612 zgc:153009 ## Opposite_strand Intronic_non-coding NM_001129219 nhr-121 ## {Repeats: no}
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Hairpin parameters

Families

[illegible]

cbriggsae	chromosome:chrIV_random:64223:64336:1	Opposite_strand Intronic_coding NM_001028060 F56B3.4 ## Same_strand Intronic_non-coding NM_067672 nhr-41 ## {Repeats: no}
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block4666 [novel_cloningOK_randfoldOK]

Hairpin parameters

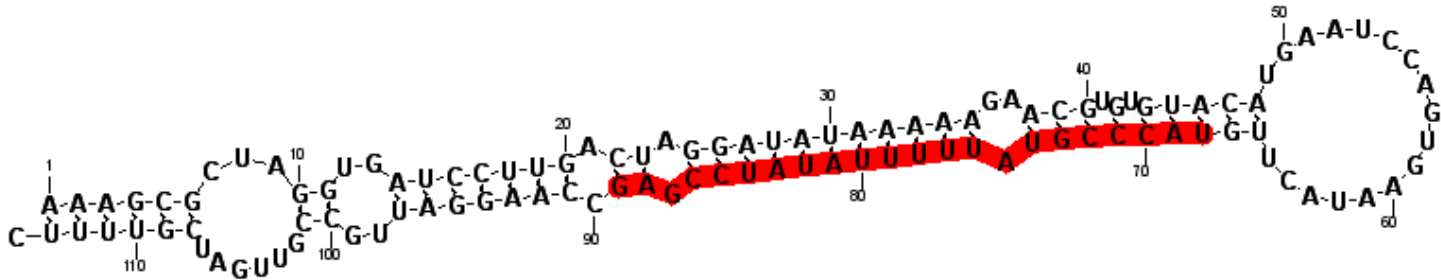
miRNA	randfold	RNA	rep	GC min/max	len min/max /mir_range	5'var	3'var	reads	reads edited	libs	libs edited	base distance	loop distance	position	locations	exon distance	unpaired	max bulge	total reads	total libs	dicer	drosha
no	0.001	no	no	0.33/0.36	18/22/0.95	0.0	0.0	18	0	1	0	25	2	3arm	1	nd	0.18	1	20	1	na	na

Clusters

Located in cluster 10: cel-mir-56, cbr-mir-55, block4662_novel, cel-mir-54, block4665_novel, block4666_novel

Families

Member of family miR-51/52/55 (seed ACCCGUA): cel-mir-56, cel-mir-54, cbr-mir-55, cbr-mir-52, cbr-mir-51, block4665_novel, block4666_novel



		reads	m
seed	-----ACCCGUA-----	19	m
seed	-----GUAUUUU-----	1	n
		len	C
			f
	-----TACCCGTATTTTATATCCGAG-----	22	1
	-----CGTATTTTATATCCGAG-----	18	1
	-----TACCCGTATTTTATATCCG-----	20	1
cbriggsae	aaagcgctaggtgatccttgactaggatataaaaaagaacgtgtgtacatgaatccagtgaaatacttgTACCCGTATTTTATATCCGAGccaaggattgccgttgatcggttttc *****		
	-----NM_026450		
	-----NM_001011629		
	++++NM_064155		
	++++NM_001101467		
	-----NM_205032		
cbriggsae	(((((...((..(((((((..(((((((...((...((((((.....)))))).)))).)))))).)))).))))).)).....)))))).	0.980	-39.13
cbriggsae	chromosome:chrX:16837573:16837686:-1	Opposite_strand Intronic_non-coding NM_026450 Zfp169 ## Same_strand Intronic_non-coding NM_064155 Y17G7B.3 ## {Repeats: no}	

Hairpin parameters

Clusters

cbriggsae	chromosome:chrX:16837100:16837211:-1	Opposite_strand Intronic_non-coding NM_026450 Zfp169 ## Same_strand Intronic_non-coding NM_064155 Y17G7B.3 ##
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		{Repeats: no}
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Hairpin parameters

Clusters

Families

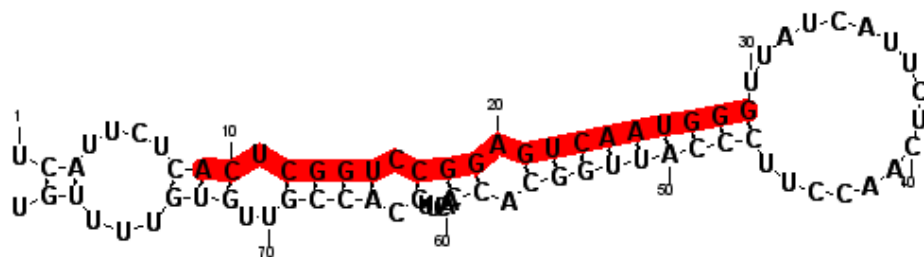
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cbriggsae	chromosome:chrII:7536263:7536362:1	Opposite_strand Intronic_non-coding NM_177732 Slc35d1 ## Opposite_strand Intronic_coding NM_214509 COLP1alpha ## Same_strand Intronic_coding NM_001101718 LOC100009540 ## Same_strand Intronic_non-coding NM_001011629 Mblk-1 ## {Repeats: no}
cremanei	chromosome:chrUn:26788554:26788693:-1	intergenic ## {SimpF: trf}
cbrenneri	chromosome:chrUn:41613587:41613679:-1	Same_strand Intronic_coding NM_001056672 ## Opposite_strand Intronic_coding NM_171042
cjaponica	chromosome:chrUn:117591206:117591345:-1	Opposite_strand Intronic_coding NM_171042

Hairpin parameters

miRNA	randfold	RNA	rep	GC min/max	len min/max mir_range	5'var	3'var	reads	reads edited	libs	libs edited	base distance	loop distance	position	locations	exon distance	unpaired	max bulge	total reads	total libs	dicer	drosha
no	0.009	no	no	0.57/0.62	21/23/1.00	0.0	0.0	4	0	1	0	8	0	5arm_loop	2	nd	0.24	2	6	1	na	na

Member of family **novel2** (seed CUCGGUC): **block1486** **novel**, **block1488** **cand**

[illegible]

cbriggsae	chromosome:chrIII:8971628:8971707:-1	Opposite_strand Intronic_non-coding NM_117511 CKI1 ## Same_strand Intronic_non-coding NM_001030661 SETD1B ## Same_strand Intronic_coding NM_066606 lin-12 ## {Repeats: no}
cbrenneri	chromosome:chrUn:17628257:17628363:-1	Same_strand Intronic_coding NM_209159
cjaponica	chromosome:chrUn:128595930:128596026:1	Same_strand Intronic_coding NM_145621

Hairpin parameters

cbriggsae	chromosome:chrI:9169028:9169135:1	Same_strand Intronic_coding NM_100944 PGP10 ## Same_strand Intronic_non-coding NM_001106587 Tnp03 ## Opposite_strand Intronic_non-coding NM_004098 EMX2 ## {Repeats: no}
cremanei	chromosome:chrUn:121878067:121878214:1	Opposite_strand Intronic_coding NM_010228

sbloc28 [novel_cloningHIGH_multiarm_DicerOK_randfoldOK]

Hairpin parameters

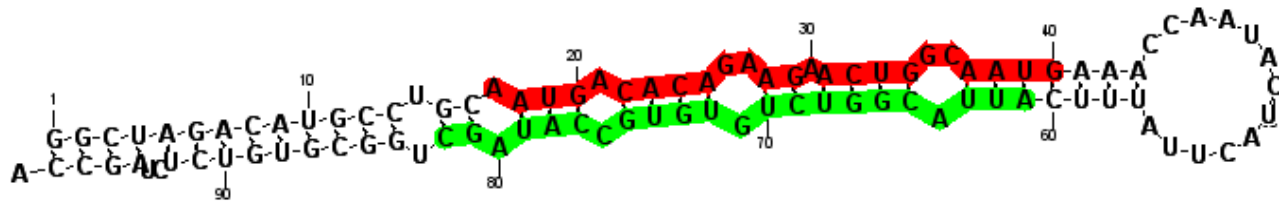
miRNA	randfold	RNA	rep	GC min/max	len min/max /mir_range	5'var	3'var	reads	reads edited	libs	libs edited	base distance	loop distance	position	locations	exon distance	unpaired	max bulge	total reads	total libs	dicer	drosha
no	0.001	no	no	0.39/0.50	19/24/0.99	0.0 0.0	0.0 0.0	422 6	0 0	1 1	0 0	16 17	3 4	5arm 3arm	1 1	nd nd	0.25 0.23	2 1	468	1	1	2

Clusters

Located in cluster 4: cel-mir-65, sblock26_cand, block1267_novel, cbr-mir-64, sblock28_novel

Families

Member of family miR-64 (seed AUGACAC): cel-mir-65, cbr-mir-64, sblock28_novel, sblock26_cand



cbriggsae	chromosome:chrIII:219144:219242:-1	Same_strand Intronic_non-coding NM_001102902 LOC100124966 ##
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		Opposite_strand Intronic_coding NM_001077612 zgc:153009 ## Opposite_strand Intronic_non-coding NM_001129219 nhr-121 ## {Repeats: no}
cjaponica	chromosome:chrUn:83684483:83684568:1	intergenic

ppacificus	chromosome:chrUn:108173577:108173716:-1	intergenic
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