

new_name	consensus mature sequence	consensus star sequence	consensus precursor sequence
new-gga-miRNA-1	ugagaugaagcacugucgucg	ggugcagugcugcaucucuggu	ggugcagugcugcaucucuggucaauugggagucugagauaagcacugucgucg
new-gga-miRNA-2	caacggaaucccaaaagcagcug	cugccucggggaauucguuacc	caacggaaucccaaaagcagcugucccgagcgccagcugccucgggaauucguuacc
new-gga-miRNA-3	aauagacacgaucacuccgcugag	caucgggggagucgugucugucc	aauagacacgaucacuccgcugagcgcgagccacagagccaucggggaugucgugucgucc
new-gga-miRNA-4	accugugagacucgaaauuugug	caauuucgucucuaaggggaaau	accugugagacucgaaauuugugugagcgucuccgagucgcaauuucgucucuaaggggaaau
new-gga-miRNA-5	uuuggcaauugguagaacucacac	uuguucucagacuugccaacu	uuuggcaauugguagaacucacacugugcgucgaggaucgggucugagacuugccaacu
new-gga-miRNA-6	aggacugucuaaccugagaaau	aucucaggguucgucagcccauga	aggacugucuaaccugagaaauugguagaacauaggggucaaucucaggguucgucagcccauga
new-gga-miRNA-7	ugaggugagucgguuuguaauugu	cgaugcagccgacuaucuuccc	ugaggugagucgguuuguaauuggggggcgaggauuggggccacacucgagguaacgaugcagccgacuaucuuccc
new-gga-miRNA-8	aacaguaagagugagugugcgg	ugcaugugagcuccuacugccg	aacaguaagagugagugugcggcgaacgcagccugcaugugagcuccuacugccg
new-gga-miRNA-9	ucagugcaucacagaacuuggu	gaggguucuguccuacacuccggcu	gaggguucuguccuacacuccggcuguggucauugggcagucagugcaucacagaacuuggu
new-gga-miRNA-10	agccacugacuaacgcacauug	cugugcgugugacagcggu	agccacugacuaacgcacauuugugucucggcgacuccacugugcgugugacagcggu
new-gga-miRNA-11	uccagcaucagugauuuuugug	aacaauauccggugcugagug	aacaauauccggugcugagugagugcacacagagacuccagcaucagugauuuuugug
new-gga-miRNA-12	ccucgacacaagcuuuuguc	cugauucuggggucggggu	cugauucuggggucgggguucguacguagcagagcagcucccugcugcgaucuaugagagugagccucgacacaagcuuuug
new-gga-miRNA-13	uaacagucuaacagucagggcu	accuuggcucuaagacugcuuacu	accuuggcucuaagacugcuuacugcugcguaggggagcaggaacagucuaacagucuaagggcu
new-gga-miRNA-14	accgggcuuuagauuuguacu	uaacagucuaacagcgaugggucg	accgggcuuuagauuuguuacugugcugcuggggggguaacagucuaacagcgaugggucg
new-gga-miRNA-15	aagcccuuaccccaaggaau	cuuuuugcgugucgggcuugc	cuuuuugcgugucgggcuugcugcuuacauaaccuaccgggaagcccuuaccccaaggaau
new-gga-miRNA-16	gucgacacaagcuuuugu	cggggcggggucggcgcg	gucgacacaagcuuuugucggagcgcgaggcgcgagcgcgcgugcgcgccccgcgcgggggcggggucggcg
new-gga-miRNA-17	ccccaucgaauugcucucag	aaggggcaaacccgaugggcac	ccccaucgaauugcucucaggaacgaugaaagcagaaggggcaaacccgaugggcac
new-gga-miRNA-18	cacagcaagugagagagcgca	ccugucugugccugcugua	ccugucugugccugcuguaacagguagaggauguuucgacagcaagugagagagcgca
new-gga-miRNA-19	cuuuuugcgugucgggcuugc	aagcccuuaccccaaggaau	cuuuuugcgugucgggcuugcugugccccacagcucucaggaaagcccuuaccccaaggaau
new-gga-miRNA-20	gaugaaaucccccuaugggcugu	ggauagguuggguuucuaugaau	gaugaaaucccccuaugggcuguuugugaugguaccgaggaugaggguuggguuucuaugaau
new-gga-miRNA-21	uucccaugacugugguaguca	acuccaaacaugccuggaagcuu	acuccaaacaugccuggaagcuuuauguaaauaaaaauucccaugacugugguaguca
new-gga-miRNA-22	uccgacacaagcuuuugu	uugauuucgggucggggg	uugauuucgggucggggguuucguacguagcagcgagcugcuccugcugcgaucuaugagagucagccuccgacacaagc
new-gga-miRNA-23	aggcaguguaauuguauuagcu	agcaacuacucacugccaca	aggcaguguaauuguauuagcugcucuaacaccagcaacuacacugccaca
new-gga-miRNA-24	cugaccgcucucuccgcaga	cagcgggggcgggcgggcgcg	cagcgggggcgggcgggcgcgcgagcgcgagcugaccgcucucuccgcaga
new-gga-miRNA-25	uuugggugcagccccguugcg	ggagcggggucgggauccaggac	ggagcggggucgggauccaggaccugcugcgggcauuggaaguguuuugggugcagccccguugcg
new-gga-miRNA-26	gcccagcgccgugcugcgucg	agcugcgacccggcgcgucgu	gcccagcgccgugcugcgucgugagcugcagcugcgacccgcgcgugcgu
new-gga-miRNA-27	uuuccaacuucugauuucuga	agaaucaugaagguugggaaga	uuuccaacuucugauuucugauuucuaauagggaucacagaaucaugaagguugggaaga
new-gga-miRNA-28	cccggggugggcagcgugua	cccagcacgccuaccggggcc	cccggggugggcagcguguaacggcacgcagcgugccccagcacgccuaccggggcc
new-gga-miRNA-29	auggcuguuuacagcagaugac	ccuacugcuaagguuugcccu	ccuacugcuaagguuugcccuuaaacauagguugcucucuaauggcuguuuacagcagaugac
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new-gga-miRNA-31	ucugaugucccuuugccccgag	auggguaacgggucugcaguca	auggguaacgggucugcagucauucugaugucccuuugccccgag
new-gga-miRNA-32	cuggaccgccccugguuaga	ugaucaagugguugugacagcu	ugaucaagugguugugacagcuauuucuaaaucugcuggaccgccccugguuaga
new-gga-miRNA-33	ucugggggugcggaggguacug	gggcccuccgcacgcuucuguc	gggcccuccgcacgcuucugugggggaucgaaauagcgcgagcugugggggugcggaggguacuga
new-gga-miRNA-34	cccgcggugggcgccgggc	cccgcggcgccgugcg	cccgcggcgccgugcgcauaaaaccggcgugggcgccgggc
new-gga-miRNA-35	ucaugggugcucucuccagg	cugguagagaagcgugcugggag	cugguagagaagcgugcugggagcugguagggcaagcucugguucuaugugcucucuccagg
new-gga-miRNA-36	gaucuccaaucugcgcgguugc	uaacugucuaaauggagagaga	gaucuccaaucugcgcgguugcauugcuaaggauguaacugucuaaauggagagaga
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new-gga-miRNA-39	uuuggcagcagcacaauuugcu	caauuauugugagugccaauu	uuuggcagcagcacaauuugcuuugcuuauuguguuuugagcaauuugugagugccaauu
new-gga-miRNA-40	ccgggcaggggcgagcugagc	cccggccccgcccgccccgc	ccgggcagggcgcccgccccgcccgccacagugccggcgagggcgccgagcugagc
new-gga-miRNA-41	ccggagccucgucucucugugc	cacagaggggcgcgggcccaac	ccggagccucgucucucugugcagaggcgagcacagaggggcgcgggcccaac
new-gga-miRNA-42	ugcgucgugcuccugcacag	ccugcagggagcgugcgcgcu	ccugcagggagcgugcgcgcuugcgugcugagccugcgugcugcuccugcacag
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new-gga-miRNA-46	guucagggucagcagcugggc	ucagugcugugcucagacccc	ucagugcugugcucagaccccgguagggguuagggguucagggucagcagcugggc
new-gga-miRNA-47	ugacaccgugugcugccccag	cuggggggcuaggguugcccu	cuggggggcuaggguugcccuugggugugugcagugugagugacaccgugugcugccccag
new-gga-miRNA-48	cgcgaggguuuccgcgcu	ccgcgagggaagccucggcca	ccgcgagggaagccucggcgagcaaccggcgagcagggcuuccgcgcu
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new-gga-miRNA-50	ugcaccucgugcugcgggccc	agccucagcugcuaagcgau	agccucagcugcuaagcgauuggugagaggccauuuccaugcaccucgugcugcgggccc
new-gga-miRNA-51	agcuugcgugcugaggagacu	agucccuuuaaccaagcccu	agucccuuuaaccaagcccuugagacaaccaagcugugcugcugaggagacu
new-gga-miRNA-52	uuuccggaaccgcuucgguc	ccaaggugggcugcggaacuga	uuuccggaaccgcuucggugcgggugucugcgagaccaaggugggcugcggaacuga
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new-gga-miRNA-54	guggagagcauuagacuga	ggaggugcgugugcagugug	gaggugcgugugcagugugagaggagugggagagcauuagacuga
new-gga-miRNA-55	cugggaggggcaucgcgagg	ccgcgcagcccgccgagcg	ccgcgcagcccgccgagcgcuuagucaccgugcugggaggggcaucgcgagg
new-gga-miRNA-56	gacuccguggaugaaggac	gcuucacuccacuuaaauug	gcuucacuccacuuaaauugguuagguagcagagacagcuccgguggaugaaggac
new-gga-miRNA-57	ucucuauagggucuaugggg	cuaugggggucuaugggg	cuauggggucuauggggucuauggggucuauggggucuauggggucuauggggucuaugggguc

new-gga-miRNA-58	cggacccccguaccgcgacccc	gucgcggcucggggauccgccc	gucgcggcucggggauccgcccuguaacagaguaggcgggcggaaccccguaccgcgacccc
new-gga-miRNA-59	cgacacccccgugacagccgu	ggggugcggccgggugucggugug	cgacacccccgugacagccgugguccucagauugcgggugcggccgggugucggugug
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new-gga-miRNA-63	ugcggaaccugcgccgcgcgcac	aagcgcgagcgguugggccgc	aagcgcgagcgguugggcgcaacgagcuaaccggcugcggaaccugggccgcgcgcac
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new-gga-miRNA-76	cggagucgggcagcucucagc	cggagcucucggcgcgcccgcu	cggagucgggcagcucucagcagcaguuugguaggcgggagcucucggcgcgcccgcu
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new-gga-miRNA-84	ccgagcgagcucugcagagccu	cugucugcaggggcucgccaucc	cugucugcaggggcucuccaucccugugcugcaaggccgagcgagcucugcagagccu
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new-gga-miRNA-98	ccagaacacugcgcaucgaccc	gucgaugcgagugcuguggguc	gucgaugcgagugcugugggucauggaugagagaugaccaagacacugcgcaucgaccc
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new-gga-miRNA-104	agcggacaaaggacgaugggc	ugccaucguccuuuguccgucg	agcggacaaaggacgaugggcacacgaagucucugggagccugagcaguucaugugccaucguccuuuguccgucg
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new-gga-miRNA-113	ccgcccggagcugcgggugcg	guccccagaccggcgccgc	guccccagaccggcgccggggccaccagcgagcgggcgccggagcugcgggugcg
new-gga-miRNA-114	aaugcuuacuuugucgacaga	agcccagacaaguugaguauuu	agcccagacaaguugaguauuuuuccuccucgccaauuggauguguaaugcuuacuuugucgacaga
new-gga-miRNA-115	cugcuccucccgugcugcugc	cgacgacgcaggagagccgag	cgacgacgcaggagagccgagcacauggaacacucugcuccucccgugcugcugc

new-gga-miRNA-11f acuccaccuccuguuugguuuug auaccauucugaggugugucugu acuccaccuccuguuugguuuugguuuuuuauagaaucauuugauaccauucugaggugugucugu
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chr10:14704761..14704820:-
chr32:15532..15590:+
chr2:32251637..32251703:-
chr27:512934..512994:+
chr27:5200919..5200977:-
chrUn_NT_472922v1:3667..3726:+
chr11:7747549..7747609:+
chrW:2525199..2525257:+
chrZ:40033855..40033916:-
chr5:23428240..23428281:+
chr5:13119888..13119943:+

new_name	consensus mature sequence	consensus star sequence	consensus precursor sequence
new-gga-miRNA-1	ugagaugaagcacugacugcgcg	ggugcgagugcugcaucucuggguc	ggugcgagugcugcaucucugggucaauugggagucugagaugaagcacugacugcgcg
new-gga-miRNA-2	caacggaaucccaaaagcagcug	cugcccgugggaauucguuacc	caacggaaucccaaaagcagcugucccgagcgcccgagcugcccguggaauucguuacc
new-gga-miRNA-3	aaugacacgacucacuccgcugagc	caucgggggaugucgugucugucc	aaugacacgacucacuccgcugagcgcgagccacagagccaucgggggaugucgugucugucc
new-gga-miRNA-4	aggacugucuaaaccugagaaau	aucucagguuucgucagcccauga	aggacugucuaaaccugagaauggugaaacaugagggucaauucgucagcccauga
new-gga-miRNA-5	uaccuguaagacugaaauugu	caaaucgucucuaaggggaaau	uaccuguaagacugaaauugugugagcgucuccgagugcgaaauucgucuaaggggaaau
new-gga-miRNA-6	aacagauaagauugaugugcg	ugcaugugagcuccuacugccg	aacagauaagauugaugugcggaacgagccugcaugugagcuccuacugccg
new-gga-miRNA-7	accguggcuuuagauuguuacu	uaacagucuaacggccauuggucg	accguggcuuuagauuguuacugugcugcgggggggaacagucuaacgcaugggucg
new-gga-miRNA-8	uccagacucagugauuuuuguug	aacaauauccugugucugagau	aacaauauccugugucugagugaguuugcacacagagagacuccagacugauuuuuguug
new-gga-miRNA-9	uaacagucuaacagucaugggcu	accuuggcucuaagacugcuuacu	accuuggcucuaagacugcuuacugcugcguaaggagacaggaguaacagucuaacagucaugggcu
new-gga-miRNA-10	ugagguaugucgguuuguauuguu	cgaugcgagccgacuaucuucc	ugagguaugucgguuuguauuguuggggggcgaggauggggccccacacucgagguaacgaugcagccgacuaucuucc
new-gga-miRNA-11	ucagugcaucacagaacucuggu	gaggguucuguccuacacuccggcu	gaggguucuguccuacacuccggcuguggcuauggggagucagugcaucacagaacucuggu
new-gga-miRNA-12	agccacugacuaaacgcacauug	cugugcgugugagacgcggu	agccacugacuaaacgcacauugugcucucggcgaguccacugugcgugugagacgcggu
new-gga-miRNA-13	cuuuuugcgugucgggcuugc	aagcccuuacccccaaaagcau	cuuuuugcgugucgggcuugcuguaacaauaccuaccggggaagcccuuacccccaaaagcau
new-gga-miRNA-14	aggcaguguauguuaguauagcu	gcaacuuaacacacugccaca	aggcaguguauguuaguauagcugcucucauacaccagcaacaauacacugccaca
new-gga-miRNA-18	ccucgacacaagcuuuuguc	gaccugauucugggugcggggu	gaccugauucugggugcgggguucgucagugagcagagcagcuccucgucgcaucuaugagagugaccucgacacaagcuuuug
new-gga-miRNA-20	gaugaaaucucccuauugccug	agguaaggugggguucauugaau	gaugaaaucucccuauugccuguuugugaugguaccgaggaugaggugggguucauugaau
new-gga-miRNA-21	guucaggggcucagcagugggc	ucagugcugugcucagacccc	ucagugcugugcucagacccccugugaggguuuaggguucaggggcucagcagugggc
new-gga-miRNA-22	cacagcaaguguaagacaggca	ccugucugugccugcugacagg	ccugucugugccugcugacaggugagaggauugucgacagcaaguguaagacaggca
new-gga-miRNA-23	uuccaagucugugguaguca	acuccaaacaugccuggggaagcu	acuccaaacaugccuggggaagcuuaguaaaugaaauaaaaauuccaagucugugguaguca
new-gga-miRNA-25	ccccaucgaauugcucucag	aaggcgcaaccgagugggcacc	ccccaucgaauugcucucagaaucgaugaagcagaaggcgcaaacccgaugggcacc
new-gga-miRNA-27	acaucacucuuacugucggg	cggcagugaggcucacauugc	cggcagugaggcucacauugcgucgucgcccacaucaacucuuacugucggg
new-gga-miRNA-28	auggcuguuucagcagugauac	ccuacugcuaagguuugcccuua	ccuacugcuaagguuugcccuuaaagcugcucuaaauaggcuguuucagcagugauac
new-gga-miRNA-29	agagaaucauagaauugccug	ggaccacaauagaucauagau	agagaaucauagaauugccuguguuagaaaggaccacaauagaucauagau
new-gga-miRNA-31	aagcagaggaauugaaucugcu	agagauuccacauccucugauga	agagauuccacauccucugaugagcaagauucaaggguuaccacuguguaagaagcagaggauugaaucugcu
new-gga-miRNA-32	gccgacgcccgcugcgccgucg	agcugcgacccgcgcgcgucgu	gccgacgcccgcugcgcgugcgagcugcagcugcgacccgcgcgcgucgu
new-gga-miRNA-33	accuaggcuguaagacuguuac	uaacaaucaaaagccacgucg	accuaggcuguaagacuguaacccccccagcagcagauacaaucaaaagccacgucg
new-gga-miRNA-34	uuugggcaagaacacaggggagc	cgacccucgggaucucggagau	uuugggcaagaacacagggggagaccggcgccgccccugggauucuggagau
new-gga-miRNA-35	uuugggugccagccccugucgg	ggacggggcugggauccaggac	ggacggggcugggauccaggaccugcugcgggcauuggaaguguuuuugggugccagccccugucgg
new-gga-miRNA-36	uuuggcacugacacauuuuugcu	caauuuuguguauguccaaauu	uuuggcacugacacauuuuugcuuuuauuguguuuuugagcaauuuuguguauguccaaauu
new-gga-miRNA-37	ugauauguuugauuuaggguug	acuaaaaucaacaauuuucu	ugauauguuugauuuaggguuuguuugauuggaaaccaauaaaucaacaauuuucu
new-gga-miRNA-38	cacugccgucgcgccgccccgc	cggcgcgccgagccgagggucg	cggcgcgccgagccgagggucgugucacugccgucgcgccgccccgc
new-gga-miRNA-39	gaucuccaaucugcgcgguuc	uaacugucuaaaugagagaga	gaucuccaaucugcgcgguugcauuugcuuugaaguguaacugucguaaaugagagaga
new-gga-miRNA-40	uucccggaaccgcuucgugc	ccaaaggugggcugcggaacuga	uucccggaaccgcuucgugcugcgagagacaaaggugggcugcggaacuga
new-gga-miRNA-41	uuugggcuguguuuccgccccggg	ccagguaucugaacaaccacagc	uuugggcuguguuuccgccccggggcaaacaguuaccgguuauacugaacaaccacagggu
new-gga-miRNA-42	ccucgucugugacagcgucucc	agcugcugucugugugcagau	agcugcugucugugugcagauagagaugaaggagcuccucugugacagcgucucc
new-gga-miRNA-43	cgacacccccgugacagccgu	ggggucgccccggucugcgugu	cgacacccccgugacagcgugguccucagugcggggucgccccggucugcgugu
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new-gga-miRNA-45	gacuccgguggaauagaaggaca	gcuucacuccacugaauucug	gcuucacuccacugaauucgguuagguaacgagacagacuccgguugaauagaaggaca
new-gga-miRNA-46	ucaucagagaggcugggcucugu	uaguucagcugucuguaauagag	uaguucagcugucuguaauaggggagagaccuacagagaggcugggcucugu
new-gga-miRNA-47	acacgcgugugguuugucccagg	uuuggggacacgugugacacg	uuuggggacacgugugacacgacggggacacgugugacacgugugacacgugugacacgugugguuugucccagg
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new-gga-miRNA-50	agaagagcauuuaauuguguc	acacauuucagucuccugaa	agaagagcauuuaauugugcuuacaaacgaacacacauuucagugcuuccugaa
new-gga-miRNA-51	auuucacucucagcaggcucc	ugccugcugugagugaaauugu	ugccugcugugagugaaauugucugagcugggugccgacuuuaucaauuucacucucagcaggcucc
new-gga-miRNA-52	auggcugugagugcgcgugagg	ucagccgucugcagccuccu	auggcugugagugcgcgugaggugucagagcauccuccucagccgucugcagccuccu
new-gga-miRNA-53	ccggagccucgucucucugugcu	cacagaggggcgcgcccaac	ccggagccucgucucucugucagaggcgguagcacaggggcgcgcccaac
new-gga-miRNA-55	ugcgacacacgcgccugaag	gcuaggacgcgugugcgcgac	gcuaggacgcgugcgcgacgcuuugacgucagguugcgacacacgcgccugaag
new-gga-miRNA-56	ggccauuguucugugggcucu	accacaacaacauggcgcu	accacaacaacauggcgcuuacagcgcgcccauguuugcugugggcucu
new-gga-miRNA-57	cccgggugggcacgcuacgg	cccagcacgcuacccccggcc	cccgggugggcacgcuacggcacgcgugccccagcacgcuacccccggcc
new-gga-miRNA-59	ucauagagagcagcugugcc	cagaccugaacuccauugcca	ucauagagagcagcugucuuauugggacacagcagcgagccagaccucgauccauugcca
new-gga-miRNA-61	ccccgcgucgucgugcccg	agggcacgucggcgugcgcc	agggcacgucggcgugcgccgaggguggucaccgacccccgcgucgugcccg
new-gga-miRNA-62	cggacgagguuuccgcgcu	ccgcgcggaagccucggccga	ccgcgcggaagccucggccgacgacgaaccggcgagcaggcuucccgcgcu
new-gga-miRNA-63	cacuguaugugcugucacgaug	ggggugcagcaccuacaguguga	cacuguaugugcugucacgauggggcaggagaagggaugggugcagcaccuacaguguga
new-gga-miRNA-64	uuugggucgcuuuccaccccg	ccagguaucugaacaaccacac	uuugggucgcuuuccaccccggggcaaacaguuaccagguauaucugaacaaccacacgug
new-gga-miRNA-65	ugcugugggcucugcucacc	gugggcagcaccugggcaug	gugggcagcaccugggcaugggcgucugcccgucuggggucugcucacc
new-gga-miRNA-66	cugaugugagcgugugcucu	ugcccgugccucacgcucaagg	cugaugugagcgugucacuggaucuuuaggaagugcccgugccucacgcucaagg
new-gga-miRNA-69	ccuuacaguuuccguccaac	ugggucggaaaagugaaagggg	ccuuacaguuuccguccaacagucagagcgaagaagcugggcugggaaaagugaaagggg
new-gga-miRNA-70	cugcugggaaucagaguaagg	uugcucagauuugcagacagcu	uugcucagauuugcagacagcuuacugucuaagcugcggaauucagaguaagg

new-gga-miRNA-72	aggcgggucggauucaacagc	cguugacagccaggacgaccucg	cguugacagccaggacgaccucgcgcagucagccccaggcaggcgggucggauucaacagc
new-gga-miRNA-76	agugcaaaauuagaauaugga	cauugauucauuuuugucucu	cauugauucauuuuugucucucauuuuauaagaggagugcaaaauuagaauaauugga
new-gga-miRNA-77	aaccaccucaguuuuuucc	caggaaacugaagugaauu	aaccaccucaguuuuuuccuuuucguaaaaggcaggcaggaaacauagaugaaau
new-gga-miRNA-78	uucaggguugucagagagc	ucccugcuguucccugggagu	ucccugcuguucccugggagugcacgacccccuuucaggguugucagagagc
new-gga-miRNA-79	ucguagccuucuuuugaau	aucaagugaaaggucaagaau	aucaagugaaaggucaagaauuuuagucauggguuagucugugaccuucuuuugaau
new-gga-miRNA-80	uuccagaaccucuauugcacagu	ugugaugacugguuacuggucca	uuccagaaccucuauugcacaguguaaccugguaaaaucugcugugaugacugguuacuggucca
new-gga-miRNA-81	ccgagcgagcucugcagagccu	cugucugcaggggccucuccaucc	cugucugcaggggccucuccaucccgugcugcaaggccgagcgagcucugcagagccu
new-gga-miRNA-83	aaugcuuacuuugucggacaga	agcccagacaaguuagauuuau	agcccagacaaguuagauuuuuuuuuccuccugccauuggaauuguuauugcuuacuuugucggacaga
new-gga-miRNA-84	ucacagcccuuccgcccccu	uggggcugcaggggcugggagau	uggggcugcaggggcugggagauuggggcucugcagccccucgacauacacgccccuccgcccccu
new-gga-miRNA-87	gaagugucacacucacgggcucu	agccuguuugugaggccuucu	agccuguuugugaggccuucuuuugcuuacaauucaagaagugucacacucacgggcucu
new-gga-miRNA-88	cgggcgggcgggcgguugc	cgggcgggagguccggcg	cgggcgggcgggcgguccggcgcgggcgcuuuagugugacgagugcugugcgggcgcgagggcgggagguccggcg
new-gga-miRNA-90	acugaugacagacgauugccu	agcugugcucuguuccucaguucu	agcugugcucuguuccucaguuucuggaaguuuuuagcugcagauugacugaugacagagcguugccu
new-gga-miRNA-92	ugaaaucuccggccucagcgaguga	cuguugaguucaggauuuucu	ugaaaucuccggccucagcgagugaggucuaacugcuguuugaguucaggauuuucu
new-gga-miRNA-93	gugaggcgggcgguccggagcg	cgcccccgcgggccucacgc	gugaggcgggcgguccggagcgcgcgcauccgcccccgggcgcccccgcgggccucacgc
new-gga-miRNA-94	guuugucugaaucauucugga	caagauagauucagaacaacu	guuugucugaaucauucuggaagaaaaaaucaggcaaaauuaccucuguucaagaauaacuuccaagauagauucagaacaac
new-gga-miRNA-95	caagagaacaucugggcauuu	uugcccacauuuucucuucagu	uugcccacauuuucucuucaguaagagacaaaaaacuacagagaacaucugggcauuu
new-gga-miRNA-97	ugugcccacgcagacguacugc	cagaugucugcgugugccucugu	cagaugucugcgugugccucugugcauacauuuuacaugugcccacgcagacguacugc
new-gga-miRNA-98	agcggacaaggagcaguggcac	ugccaucguccuuuguccgucg	agcggacaaggagcaguggcacacgaagugcucugaggccugugacaguuucaugugccaucguccuuuguccgucg
new-gga-miRNA-99	cagcgucgggcagugcacugc	agugcagucuguugcagcguggc	agugcagucuguugcagcguggcacaguuacguuuccuccugcagcgugggcagugcacugc
new-gga-miRNA-103	ucagacccccuccgcccccgagu	gcggggcgcggggugucugagc	gcggggcgcggggugucugagcgguccuuuggggucucucccgcgugggccucccccccgucagacccccuccgcccccgagu
new-gga-miRNA-104	guagugcucuauugggacacau	auggggucucuauugggacacc	auggggucucuauugggacacaugcgugguuuauagggcuugugaugugcucuauugggacacau
new-gga-miRNA-107	acucggcaucgggucugugcc	ugcagauccggagcuaagagugcu	ugcagauccggagcuaagagugcucuucugcuggcugcacucggcaucgggucugugcc
new-gga-miRNA-109	uuucgaucggugugucugcaga	uuugcagaccaccgaugagaga	uuugcagaccaccgaugagaaacgaauuuccuuuucgaucggugugucugcaga
new-gga-miRNA-110	augcagaacaguuuucuggacu	auccugaaaauuguaucgcaug	auccugaaaauuguaucgcauggguaaagcacagcacugcccaugcagaacaguuuucuggacu
new-gga-miRNA-112	ccccacccuacuguucccaga	uggggagcagugaugugggg	uggggagcagugauguggggucucccgugcugccccacccuacuguucccaga
new-gga-miRNA-113	ccccacccuacuguucccaga	uggggagcagugaugugggg	uggggagcagugauguggggucucccgugcugccccacccuacuguucccaga
new-gga-miRNA-114	acuugcugaaguuuauuggagacc	auggaugugagaacagcgaggug	acuugcugaaguuuauuggagaccaaugauggaugugagaacagcgaggugau
new-gga-miRNA-115	cuguacguguccuguuugcu	gggagcugggacaagcagca	cuguacguguccuguuugcugcaggggagcugggacaagcagca
new-gga-miRNA-119	cauugggugucagcuacuau	uaaguacguuagaacgccuaagu	uaaguacguuagaacagccuaagugcugccuuaagcagucuuuaggguugcacguacuau
new-gga-miRNA-125	ccaucuccaccagcagcacugu	cagugccgacgugugggaguc	cagugccgacgugugggagucgcccuguggggcagagcccaucuccaccagcagcacugu
new-gga-miRNA-126	cuguaaaaauuagaaaaacu	uuuuuacaucuguuacagc	cuguaaaaauuagaaaaaacuguaauuauuaguuuuuacaucuguuacagc
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new-gga-miRNA-134	uuucucugcaguggguaaggagc	uuccuaccuauugggagaaga	uuccuaccuauugggagaagcuggucaugucugcuuuucugucaguggguaaggagc
new-gga-miRNA-135	ucagagagccccagcaauug	uugggucuggggaucucccgcu	ucagagagccccagcaauugcagugcuguccuugggcugggggaucucccgcu
new-gga-miRNA-136	cccccgaggggacaccagg	guggcucuggggacaccaggacc	guggcucuggggacaccaggaccccccgaggggacaccagg
new-gga-miRNA-137	cagcagccauugcauaccgugc	cgguggcagcgugggagcuggca	cgguggcagcgugggagcuggcaggggaccccgagcuggccagcagccauugcauaccgugc
new-gga-miRNA-140	gugagggagcugcgacacggagug	cuggcucugccuccacuca	gugagggagcugcgacacggaguuuucccauuggcacucccgugcugccuccacuca
new-gga-miRNA-141	cugcguaaccgugugugauguc	acauaccagcgggcgcgacuca	acauaccagcgggcgcgacucaacauagccacugggggagugcugcguaaccgugugugauguc
new-gga-miRNA-145	uccuggcaauugugagcuuc	aaggugcagcuuugcaguuucc	uccuggcaauugugagcuucagggcaaaugaaauaaggugcagcuuugcaguuucc
new-gga-miRNA-149	gagcagcagaaggauucgagu	cuuagauacugcugcagcagc	gagcagcagaaggauucgagugucugacuauuuccacucuuagauacugcugcagcagc
new-gga-miRNA-154	caccacgugucgagauauaggc	agauaucgcauauugagggcug	agauaucgcauauugagggcugacaaauaacagcugucacacauugcaccacgugucgagauauaggc
new-gga-miRNA-158	ccaagcagcacuucagggcagc	ugcuccagaugucgagggag	ugcuccagaugucgagggaguccauagucuaauuaccagcagcacuucagggcagc
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new-gga-miRNA-160	ucagcugcucugagccccagc	ggggcugaggcuuagugugagci	ggggcugaggcuuagugugagcugugcuuacuccugcugcagcugcugcugagccccagc
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new-gga-miRNA-172	uguuauaguuuaccacuuacc	guggguggaauaguuuac	guggguggaauaguuuacaaauugcuuuuauuaguuuaguuuaccacuuacc
new-gga-miRNA-176	ucucuccaccucuguccccagu	uuggggcugcaaggugaggcaaa	uuggggcugcaaggugaggcaaaugggggaauuacugccucuccaccucuguccccagu
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new-gga-miRNA-182	ccguauuccuuuagugcuuuga	aagcacaagaggagcacugcu	aagcacaagaggagcacugcuuucuccuugggagccuaagccguauuuccuugugcuuuga
new-gga-miRNA-187	cuccccucagccggcgcgucg	cgucccgugagggggagcggg	cuccccucagccggcgcgcgcgggaaagagccgucuccgugagggggagcggg
new-gga-miRNA-188	cuccccucagccggcgcgucg	cgucccgugagggggagcggg	cuccccucagccggcgcgcgcgggaaagagccgucuccgugagggggagcggg
new-gga-miRNA-191	cauccagcauccuugcccacguu	caugagcaggagauugcuggauag	caugagcaggagauugcuggauuagaacacuaucuccuagaagcuuacuccagcauccuugcccacguu
new-gga-miRNA-218	gagcaguccuagugagcacc	guggcacuggggucugcuag	gagcaguccuagugagcaccagcagugaggcuuggggacuggggucugcuag
new-gga-miRNA-234	cugagugucacagaacuuugcu	aaaguucugugagcagucacu	aaaguucugugagucagucacuauucguaacagagucugagugucacagaacuuugcu
new-gga-miRNA-250	ucucacugcucccuuuccucaga	ggggguguggggagcaggaggc	ggggguguggggagcaggagggucaggggcugcacagcuccucacugcucccuuuccucaga

new-gga-miRNA-252 caggagcuccugcacaucugc	aggugugcagggggagcugucga	aggugugcagggggagcugucgacgauuacuaaggcgucaggagcuccugcacaucugc
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new-gga-miRNA-301 cacgcccgggaugcagcgaggcg	cgucgcaucccgcgcuacccc	cacgcccgggaugcagcgaggcgcuuccgccucgucgaucccgcgcuacccc
new-gga-miRNA-329 caucuuaggauauaagguaaccug	uaccugcaccccaagauagcugg	caucuuaggauauaagguaaccugauagaggugugcagcagguaccugcaccccaagauagcugg
new-gga-miRNA-361 cucuagcccccucugugccagg	ucuggggcacaaaggggcagugg	ucuggggcacaaaggggcagugggagcaggggagcuccuagcccccucugugccagg
new-gga-miRNA-377 cugcuugcccaggauugggggu	agccccaccaugggcaggggaga	cugcuugcccaggauugggggugaugugugggcgcagccccaccaugggcaggggaga
new-gga-miRNA-408 uuucggcuguuuuccggcgacugc	uuccggaaaucgcggaagcgag	uuccggaaaucgcggaagcgagccgaacgcgcuccauuuucuguuuuccggcgacugc
new-gga-miRNA-416 ugucugaaccagugcagcucucu	aggggugcugcuggauuug	ugucugaaccagugcagcucucuugauuagcuaggggugcugcuggauuug
new-gga-miRNA-461 cacacacauauauauacaca	uauauauaugugcaguguguuu	uauauauaugugcaguguguuuauauauauacauauauacacacacauauauauacaca
new-gga-miRNA-467 caccuugggagagauuuuaggaggi	ccuauaaaaugaauggccuugga;	ccuauaaaaugaauggccuuggaaggugcagauaggagcagaaguggugugccuacucaccuugggagagauuuuaggaggi
new-gga-miRNA-484 ucaggaggugcugcacaugacu	ucuuuugugugggcuuaccuuga	ucuuuugugugggcuuaccuuggaggagauagucaucucaggaggugcugcacaugacu
new-gga-miRNA-485 cuggaccgcccgcugguuaga	acugaucaagguggugugacag	acugaucaagguggugugagacgauuuucuaaaucucgucgaccgcccgcugguuaga
new-gga-miRNA-486 cauaguaggaaaaggauguauu	uuuuuuuuccuacucuuugaagu	uuuuuuuuccuacucuuugaaguuuuacucugauuacauaguaggaaaaggauguauu
new-gga-miRNA-526 uuuggcaaugguagaacucacacu	ggugguuucagacuugccaacu	uuuggcaaugguagaacucacacugugcgcucgcaggauuccggugguuucagacuugccaacu
new-gga-miRNA-548 cugguuguacucgucuccagg	cguggggggaaagugcaauccu	cguggggggaaagugcaauccugcauuuggaaaccugguuguacucgucuccagg
new-gga-miRNA-637 aagaggauugaauugcaagacu	uuguauuuuuuuccuucuaga	aagaggauugaauugcaagacuuuguuuuugaacacucuuuguauuuuuuccuucuaga
new-gga-miRNA-255 caugggcugacgaaccugagauu	uucucagguuagacaguccucg	caugggcugacgaaccugagauuagaccuauuuaccuuucucagguuagacaguccucg
new-gga-miRNA-33* uaacaaucaaaagccacggucg	accauggcuguaagacuguuac	accauggcuguaagacuguuacccccacgacgacagauaacaaucaaaagccacggucg
new-gga-miRNA-55* gcuqggagcgcgcuqcgcgac	uqcgcacacacgcgcuccuag	gcuqggagcgcgcuqcgcgacgcuuugacgucagguugcgcgacacacgcgcuccuag

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