ПРИЛОЖЕНИЯ

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«Исследование экспрессии генов рецептора глюкокортикоидов и микроРНК в гиппокампе и концентрации кортизола в крови у лисиц, селекционируемых по реакции на человека»

Приложение 1

miRNA ID (miRBase style)	family	miRNA from 5′ arm	miRNA from 3′ arm	precursor
vvu-let-7a-1	LET-7	ugagguaguagguuguauaguu	cuauacaaucuacugucuuucc	ugagguaguagguuguauaguuuggggcucugcccugcucuggguaacuauacaaucuacugucuuucc
vvu-let-7a-2	LET-7	ugagguaguagguuguauaguu	cuguacagccuccuagcuuucc	ugagguaguagguuguauaguuuagaauuacaucaagggagauaacuguacagccuccuagcuuucc
vvu-let-7c	LET-7	ugagguaguagguuguaugguu	cuguacaaccuucuagcuuucc	ugagguaguagguuguaugguuuagaguuacacccugggaguuaacuguacaaccuucuagcuuucc
vvu-let-7e	LET-7	ugagguaggagguuguauaguu	cuauacggccuccuagcuuucc	ugagguaggagguuguauaguugaggaggacacccacggagaucacuauacggccuccuagcuuucc
vvu-let-7f	LET-7	ugagguaguagauuguauaguu	cuauacaaucuauugccuuccc	ugagguaguagauuguauaguugugggguagugauuuuacccuguucaggagauaacuauacaaucuauugccuuccc
vvu-let-7g	LET-7	cuguacaggccacugccuugcc	gagguaguaguuuguacaguu	ugagguaguaguuuguacaguuugagggucuaugauaccacccgguacaggagauaacuguacaggccacugccuugcc
vvu-mir-101-1	MIR-101	ucaguuaucacagugcugaugcu	guacaguacugugauaacuga	ucaguuaucacagugcugaugcuguccauucuaaagguacaguacugugauaacuga
vvu-mir-101-2	MIR-101		guacaguacugugauaacuga	gguuaucaugguaccgaugcuguauaucugaaagguacaguacugugauaacuga
vvu-mir-103-1	MIR-103		agcagcauuguacagggcuauga	ucggcuucuuuacagugcugccuuguugcauauggaucaagcagcauuguacagggcuauga
vvu-mir-103-2	MIR-103	agcuucuuuacagugcugccuugu	agcagcauuguacagggcuauga	agcuucuuuacagugcugccuuguagcauucaggucaagcagcauuguacagggcuauga
vvu-mir-105a	MIR-105	ucaaaugcucagacuccuguggu	ccacggauguuugagcaugugcu	ucaaaugcucagacuccugugguggcugcucaugcaccacggauguuugagcaugugcu
vvu-mir-105b	MIR-105	aaaugcucagacuccuuggug		aaaugcucagacuccuuggugggcugcuuaugcaccaugaauguuugagcaugugc
vvu-mir-106a	MIR-17	aaaagugcuuacagugcagguag		aaaagugcuuacagugcagguagcauucugcgaucuacugcaaugcaagcacuucuuac
vvu-mir-106b	MIR-17	uaaagugcugacagugcagau	ccgcacugugguacuugcu	uaaagugcugacagugcagauagcgguccuccgugcuaccgcacugugguacuugcu
vvu-mir-107	MIR-103	agcuucuuuacaguguugccuug	agcagcauuguacagggcuau	agcuucuuuacaguguugccuuguggcauggaguucaagcagcauuguacagggcuau
vvu-mir-10b	MIR-10	uacccuguagaaccgaauuugu		uacccuguagaaccgaauuugugugguauccacauagucacagauucgauucuaggggaaua
vvu-mir-1185	MIR-154	agaggauacccuuuguauguuc	auauacagggggagacucuuau	agaggauacccuuuguauguucacuuuauuaauggcgaauauacagggggagacucuuau
vvu-mir-1197	MIR-154	cgguugaccaugguguguac	uaggacacauggucuacuucu	cgguugaccauggugugcacguuuauuuaugacguaggacacauggucuacuucu
vvu-mir-122	MIR-122	uggagugugacaauggugguuu		uggagugugacaauggugguuugugugcccaaacuaucaaacgccauuaucacacuaaaua
vvu-mir-124-1	MIR-124	cguguucacagcggaccuugau	uaaggcacgcggugaaugcc	cguguucacagcggaccuugauuuaaauguccauacaauuaaggcacgcggugaaugcc
vvu-mir-124-2	MIR-124	cguguucacagcggaccuugau	uaaggcacgcggugaaugcc	cguguucacagcggaccuugauuuaaugucauacaauuaaggcacgcggugaaugcc
vvu-mir-124-3	MIR-124	cguguucacagcggaccuugau	uaaggcacgcggugaaugcc	cguguucacagcggaccuugauuuaauguccauacaauuaaggcacgcggugaaugcc
vvu-mir-124-4	MIR-124	cguguucacagcggaccuugau	uaaggcacgcggugaaugcc	cguguucacagcggaccuugauuuaauguccauacaauuaaggcacgcggugaaugcc
vvu-mir-1249	MIR-1249	aggagggaggagaggggccaaguuc	acgcccuuccccccuucuuca	aggagggaggagaggggccaaguucccuccgccuggaacgcccuuccccccuucuuca
vvu-mir-125a	MIR-10	ucccugagacccuuuaaccuguga	acaggugaggguccuugggagcc	ucccugagacccuuuaaccugugaggacauccagggucacaggugaggguccuugggagcc
vvu-mir-125b-1	MIR-10	ucccugagacccuaacuuguga	acgggguaggcucuugggagcu	ucccugagacccuaacuugugauguuuaccguuuaaauccacgggguaggcucuugggagcu
vvu-mir-125b-2	MIR-10	ucccugagacccuaacuuguga	acaagucaggcucuugggaccu	ucccugagacccuaacuugugaggguauuuuaguaacaucacaagucaggcucuugggaccu
vvu-mir-126	MIR-126	cauuauuacuuuugguacgcg	ucguaccgugaguaauaaugcg	cauuauuacuuuugguacgcgcugugacacuucaaacucguaccgugaguaauaaugcg
vvu-mir-1264	MIR-95	agguccucaauaaguauuuguu	caagucuuauuugagcaccugu	agguccucaauaaguauuuguugaaagaauaaaugaaccaacaagucuuauuugagcaccugu
vvu-mir-127	MIR-127	gaagcucagagggcucugauu	ucggauccgucugagcuuggcu	gaagcucagagggcucugauucagaaagaucaucggauccgucugagcuuggcu
vvu-mir-1271	MIR-1271	cuuggcaccuaguaagcacuca	agugccugcuaugugccaggca	cuuggcaccuaguaagcacucaguaaauacuuguugagugccugcuaugugccaggca
vvu-mir-128-1	MIR-128	cggggccguagcacugucugaga	ucacagugaaccggucucuuu	cggggccguagcacugucugagaggguuacauuucucacagugaaccggucucuuu
vvu-mir-128-2	MIR-128	gggggccgauacacuguacga	ucacagugaaccggucucuuu	gggggccgauacacuguacgagagugaguagcaggucucacagugaaccggucucuuu
vvu-mir-129-1	MIR-129	cuuuuugcggucugggcuugc	aagcccuuaccccaaaaaguau	cuuuuugcggucugggcuugcuguuccucucaacaguagucaggaagcccuuaccccaaaaaguau
vvu-mir-129-2	MIR-129	cuuuuugcggucugggcuugc	aagcccuuaccccaaaaagcau	cuuuuugcggucugggcuugcuguacauaacucgauagccggaagcccuuaccccaaaaagcau
vvu-mir-1296	MIR-1296	uuagggcccuggcuccaucuccu	gagugggggcuuugacccuaacc	uuagggcccuggcuccaucuccuuuaggaaaaccuucugugggggagugggggcuuugacccuaacc
vvu-mir-1298	MIR-1298	uucauucggcuguccagaugua	caucugggcaacugauugaacu	uucauucggcuguccagauguauccaaguacccuguuauuuggcaauaaaauacaucugggcaacugauugaacu
vvu-mir-1301	MIR-1301	ggucacucugggcacugcaaca	ugcagcugccugggagugacuuc	ggucacucugggcacugcaacacugugcuagggauguugcagcugccugggagugacuuc
vvu-mir-1306	mir-1306	ccaccuccccugcaaacgucc	acguuggcucugguggugaug	ccaccuccccugcaaacguccagugaugcagaggguaauggacguuggcucugguggugaug
vvu-mir-1307	MIR-1307	ucgaccggaccucgaccggcuc	cucggcguggcgucggucgugg	ucgaccggaccucgaccggcucgucuauguugccaaucgacucggcguggcgucggucgugg
vvu-mir-130a	MIR-130	gcucuuuucacauugugcuacu	cagugcaauguuaaaagggc	gcucuuuucacauugugcuacugucugcaccuaccacuagcagugcaauguuaaaagggc
vvu-mir-130b	MIR-130	acucuuucccuguugcacuacu	cagugcaaugaugaaagggcau	acucuuucccuguugcacuacugugggccgcugggaagcagugcaaugaugaaagggcau
vvu-mir-132	MIR-132	accguggcuuucgauuguuacu	uaacagucuacagccauggucg	accguggcuuucgauuguuacugugggaaccggaggguaacagucuacagccauggucg
vvu-mir-133a	MIR-133	agcugguaaaauggaaccaaau	uuuggucccccuucaaccagcugu	agcugguaaaauggaaccaaaucgcccucuucaauggauuuggucccccuucaaccagcugu
vvu-mir-133b	MIR-133		uuuggucccccuucaaccagcu	cuggucaaacggaaccaaguccgucuuccugagagguuuggucccccuucaaccagcu
vvu-mir-133c	MIR-133	agcugguaaaauggaaccaaau	uuuggucccccuucaaccagcugu	agcugguaaaauggaaccaaaucaacuguucaauggauuuggucccccuucaaccagcugu
vvu-mir-134	MIR-134	ugugacugguugaccagagggg	ccugugggccaccuagucacca	ugugacugguugaccagaggggcaagcacucuguucacccugugggccaccuagucacca
vvu-mir-1343	MIR-1343	uggggagcggcccccgggcggg	cuccuggggcccgcacucucgc	uggggagcggcccccgggcgggccucugcucuggccccuccuggggcccgcacucucgc
vvu-mir-135a-1	MIR-135	uauggcuuuuuauuccuauguga	auauagggauuggagccguggc	uauggcuuuuuauuccuauguguauuuuacugcucacucauauagggauuggagccguggc

Продолжение таблицы

miRNA ID (miRBase style)	family	miRNA from 5' arm	miRNA from 3' arm	precursor
vvu-mir-135a-2	MIR-135	uauggcuuuuuauuccuauguga	uguagggauggaagccaugaaa	uauggcuuuuuauuccuaugugauaguaauaaagucucauguagggauggaagccaugaaa
vvu-mir-135b	MIR-135	uauggcuuuucauuccuauguga	auguagggcuaaaagccauggg	uauggcuuuucauuccuaugugauugcuguuucuaauucauguagggcuaaaagccauggg
vvu-mir-136	MIR-136	acuccauuuguuuugaugaug	caucaucgucucaaaugagucu	acuccauuuguuuugaugauggauucuuacgcuccaucaucgucucaaaugagucu
vvu-mir-137	MIR-137	acggguauucuuggguggauaau	uuauugcuuaagaauacgcgu	acggguauucuuggguggauaauacggauuacguuguuauugcuuaagaauacgcgu
vvu-mir-1388	MIR-1388	aggacuguccaaccugagagug	gucucagguucgucagcccg	aggacuguccaaccugagagugugucccguggucagucucagguucgucagcccga
vvu-mir-138a	MIR-138	agcugguguugugaaucaggccg	gcuacuucacaacaccagggguc	agcugguguugugaaucaggccguugccaaucagagaacggcuacuucacaacaccagggguc
vvu-mir-138b	MIR-138	agcugguguugugaaucaggccg	gcuauuucacgacaccaggguu	agcugguguugugaaucaggccgacgagcagcgcauccucuuacccggcuauuucacgacaccaggguu
vvu-mir-139	MIR-139	ucuacagugcacgugucuccagu	uggagacgcggcccuguuggaau	ucuacagugcacgugucuccaguguggcuccgaggcuggagacgcggcccuguuggaau
vvu-mir-140	MIR-140	caguggguuuuacccuaugguag	accacaggguagaaccacggac	caguggguuuuacccuaugguagguuacgucaugcuguucuaccacaggguagaaccacggac
vvu-mir-142	MIR-142	cccauaaaguagaaagcacuac	aguguuuccuacuuuauggaug	cccauaaaguagaaagcacuacuaacagcacuggaggguguaguguuuccuacuuuauggaug
vvu-mir-143	MIR-143	ggugcagugcugcaucucugguc	ugagaugaagcacuguagcuc	ggugcagugcugcaucucuggucaguugggagucugagaugaagcacuguagcuc
vvu-mir-144	MIR-144	ggauaucaucauauacuguaagu	uacaguauagaugauguacu	ggauaucaucauauacuguaaguuugcgacaagauacuacaguauagaugauguacu
vvu-mir-145	MIR-145	guccaguuuucccaggaaucccu	auuccuggaaauacuguucuu	guccaguuuucccaggaaucccuuagaugcuaagauggggauuccuggaaauacuguucuu
vvu-mir-1468	mir-1468	cuccguuugccuguuuugcuga		cuccguuugccuguuuugcugauguucuuuugacucauucucagaaaaacaagcaaauggaaaa
vvu-mir-146a	MIR-146	ugagaacugaauuccauggguu		ugagaacugaauuccauggguugugucagugucagaccugugaaguucaguucuucag
vvu-mir-146b	MIR-146	ugagaacugaauuccauaggcugu	agccuagggaaucaguucuggu	ugagaacugaauuccauaggcugugagcuugagcaaacagccuagggaaucaguucuggu
vvu-mir-148a	MIR-148	aaaguucugagacacuccgacu	ucagugcacuacagaacuuugu	aaaguucugagacacuccgacucugaauaugauagaagucagugcacuacagaacuuugu
vvu-mir-148b	MIR-148	gaaguucuguuauacacucaggcu	ucagugcaucacagaacuuugu	gaaguucuguuauacacucaggcuguggcucucugaaagucagugcaucacagaacuuugu
vvu-mir-150	MIR-150	ucucccaacccuuguaccagug		ucucccaacccuuguaccagugcugugccucagucccugguacaggcaugggggca
vvu-mir-151	MIR-28	ucgaggagcucacagucuagua	cuagacugaggcuccuugagg	ucgaggagcucacagucuaguaugucucagcccuacuagacugaggcuccuugagg
vvu-mir-152	MIR-148	agguucugugauacacuccgacu	ucagugcaugacagaacuugg	agguucugugauacacuccgacucgggcucuggagcagucagugcaugacagaacuugg
vvu-mir-153-1	MIR-153	gucauuuuugugaucugcagcu	uugcauagucacaaaagugauc	gucauuuuugugaucugcagcuaguguucucucuccaguugcauagucacaaaagugauc
vvu-mir-153-2	MIR-153	gucauuuuugugauguugcagcu	uugcauagucacaaaagugauc	gucauuuuugugauguugcagcuaguaauaugagcccaguugcauagucacaaaagugauc
vvu-mir-155	MIR-155	uuaaugcuaaucgugauaggggu	cuccuacauguuagcauuaaca	uuaaugcuaaucgugauagggguuuuuaccuccgacugacuccuacauguuagcauuaaca
vvu-mir-15a	MIR-15	uagcagcacauaaugguuugu		uagcagcacauaaugguuuguggauuuugaaaggugcaggccauauugugcugccuca
vvu-mir-15b	MIR-15	uagcagcacaucaugguuuaca	cgaaucauuauuugcugcucua	uagcagcacaucaugguuuacauacuacagucaagaugcgaaucauuauuugcugcucua
vvu-mir-16-1	MIR-15	uagcagcacguaaauauuggcg		uagcagcacguaaauauuggcguuaagauucuaaaauuaucuccaguauuaacugugcugcugaa
vvu-mir-16-2	MIR-15	uagcagcacguaaauauuggcg	ccaauauuauugugcugcuuua	uagcagcacguaaauauuggcguagugaaauaaaaauuaaacaccaauauuauugugcugcuuua
vvu-mir-17	MIR-17	caaagugcuuacagugcagguag	acugcagugaaggcacuugua	caaagugcuuacagugcagguagugauaugugcaucuacugcagugaaggcacuugua
vvu-mir-181a-1	MIR-181	aacauucaacgcugucggugagu	accaucgaccguugauuguacc	aacauucaacgcugucggugaguuuggaauuaaaaucaaaaccaucgaccguugauuguacc
vvu-mir-181a-2	MIR-181	aacauucaacgcugucggugagu	accaccgaccguugacuguacc	aacauucaacgcugucggugaguuugggauuugaaaaaccaccgaccguugacuguacc
vvu-mir-181b-1	MIR-181	aacauucauugcugucggugggu	cucacugaacaaugaaugcaa	aacauucauugcugucgguggguugaacuguguggacaagcucacugaacaaugaaugcaa
vvu-mir-181b-2	MIR-181	aacauucauugcugucggugggu	cucacugaucaaugaaugca	aacauucauugcugucgguggguuugagucugaaucaacucacugaucaaugaaugca
vvu-mir-181c	MIR-181	aacauucaaccugucggugagu	accaucgaccguugaguggacc	aacauucaaccugucggugaguuugggcagcucaggcaaaccaucgaccguugaguggacc
vvu-mir-181d	MIR-181	aacauucauuguugucggugggu	ccaccgagggaugaaugucac	aacauucauuguugucgguggguugugaggacggaggccagacccaccgagggaugaaugucac
vvu-mir-182	MIR-96	uuuggcaaugguagaacucacacu		uuuggcaaugguagaacucacacuggugagguaaugggauccgguggguucuagacuugccaacua
vvu-mir-183	MIR-96	uauggcacugguagaauucacu		uauggcacugguagaauucacugugaacagugucggucagugaauuaccgaagggccauaaa
vvu-mir-1836	mir-1836	uaggccaugguagauagagaug		uaggccaugguagauagagauggaguaaccauuucaucucgucugcacugcccagac
vvu-mir-1838	mir-1838	ccaccagcuggcguucccuggc	caggggcugcuggcuggaggga	ccaccagcuggcguucccuggcgugggaacgagaggcaggggcugcuggcuggaggga
vvu-mir-1839	mir-1839	aagguagauagaacaggucuug	agaccuacuuaaucuaccaacag	aagguagauagaacaggucuuguuagcaaaauaaauucaagaccuacuuaaucuaccaacag
vvu-mir-184	MIR-184		uggacggagaacugauaagggu	ccuuaucacuuuuccagccagcuuugugacucuaaguguuggacggagaacugauaagggu
vvu-mir-1841	mir-1841	agaggaaagcuggacggcaagc	cuccguccucuuuccaagccu	agaggaaagcuggacggcaagcccgaagggaagaagguggcuccguccucuuuccaagccu
vvu-mir-1842	MIR-1842	uggcucugcgaggucggcuca	agcaggccugucagggcguug	uggcucugcgaggucggcucaaggugggucuggauauugagcaggccugucagggcguug
vvu-mir-1843	mir-1843	acauggaggucucugucuggcu	ucugaucguuccccuccauaca	acauggaggucucugucuggcuuaggacagcuggcuaagucugaucguuccccuccauaca
vvu-mir-185	MIR-185	uggagagaaaggcaguuccuga	aggggcuggcuuuccucuggu	uggagagaaaggcaguuccugaugguccccuccccaggggcuggcuuuccucuggu
vvu-mir-186	MIR-186	caaagaauucuccuuuugggcu	gcccaaaggugaauuuuuuggg	caaagaauucuccuuuugggcuuucugauuuuauuuuaagcccaaaggugaauuuuuuggg
vvu-mir-187	MIR-187		ucgugucuuguguugcagccgg	ggcuacaacacgggacccgggcgcugcuccgaccccucgugucuuguguugcagccgg
vvu-mir-188	MIR-188	caucccuugcaugguggaggg	cucccacaugcaggguuugca	caucccuugcaugguggagggugagcuuuuugaaaccccucccacaugcaggguuugca
vvu-mir-18a	MIR-17	uaaggugcaucuagugcagauag	acugcccuaagugcuccuucug	uaaggugcaucuagugcagauagugaaguagauuagcaucuacugcccuaagugcuccuucug
vvu-mir-18b	MIR-17	uaaggugcaucuagugcagu	uacugcccuaaaugccccuuccggc	uaaggugcaucuagugcaguuagugaagccgcuuagaaccuacugcccuaaaugccccuuccggc
vvu-mir-190a	MIR-190	ugauauguuugauauauuagguu	cuauauaucaaacauauuccu	ugauauguuugauauauuagguuguuauuuaauccaacuauauaucaaacauauuccu
vvu-mir-190b	MIR-190	ugauauguuugauauuggguug	acuaaauaucgaacauauucuu	ugauauguuugauauuggguuguuuaauuaggaaucaacuaaauaucgaacauauucu
vvu-mir-191	MIR-191	caacggaaucccaaaagcagcug	cugcgcuuggauuucguuccc	caacggaaucccaaaagcagcuguugucuccagagcauuccagcugcgcuuggauuucguuccc
vvu-mir-1911	MIR-1911	ugaguaccgccaugucuguuggg	caccaggcauuguggucucugc	ugaguaccgccaugucuguugggcauccacuaucucccaccaggcauuguggucucugc
vvu-mir-192	MIR-192	cugaccuaugaauugacagcc	cugccaauuccauaggucacag	cugaccuaugaauugacagccagugcucucaucucuccucuggcugccaauuccauaggucacag

Продолжение таблицы

miRNA ID (miRBase style)	family	miRNA from 5′ arm	miRNA from 3′ arm	precursor
vvu-mir-193a	MIR-193	uggguuuugcgggcgagaug		uggguuuugcgggcgagaugagggugucggguuuaacuggccuacaaaguccccagu
vvu-mir-193b	MIR-193	cgggguuuugagggcgagauga	aacuggcccacaaaguccccgcu	cgggguuuugagggcgagaugaguuuauguuugauccaacuggcccacaaaguccccgcu
vvu-mir-194	MIR-194	uguaacagcaacuccaugugga		uguaacagcaacuccauggauugugugccaauuuccaguggagaugcuguuacuuu
vvu-mir-195	MIR-15	uagcagcacagaaauauuggca	ccaauauuggcugugcugcucua	uagcagcacagaaauauuggcacugggaagagagucugccaauauuggcugugcugcucua
vvu-mir-196a	MIR-196	uagguaguuucauguuguuggga		uagguaguuucauguuguuggguuugaguuuugaacucggcaacaagaaacugccugag
vvu-mir-196b	MIR-196	uagguaguuuccuguuguuggga		uagguaguuuccuguuguuggguuccaccuuucucucgacagcacgacacugccuuca
vvu-mir-197	MIR-197		uucaccaccuucuccacccagc	cgggguagagagggcaguggggagguaagagcucuucacccuucaccaccuucuccacccagc
vvu-mir-199-1	MIR-199	cccaguguucagacuaccuguuc	acaguagucugcacauuggguu	cccaguguucagacuaccuguucagggggcucugaauguguacaguagucugcacauuggguu
vvu-mir-199-2	MIR-199	cccaguguucagacuaccuguuc	acaguagucugcacauuggguu	cccaguguucagacuaccuguucaggacaaugccguuguacaguagucugcacauuggguu
vvu-mir-199-3	MIR-199	cccaguguuuagacuaucuguuc	acaguagucugcacauuggguua	cccaguguuuagacuaucuguucaggacucccaaauuguacaguagucugcacauuggguua
vvu-mir-19a	MIR-19		ugugcaaaucuaugcaaaacug	guuuugcauaguugcacuacaagaagaauguaguugugcaaaucuaugcaaaacug
vvu-mir-19b-1	MIR-19	aguuuugcagguuugcauccagc	ugugcaaauccaugcaaaacug	aguuuugcagguuugcauccagcugugugauauucugcugugcaaauccaugcaaaacug
vvu-mir-19b-2	MIR-19		ugugcaaauccaugcaaaacug	guuuugcagguuugcauuucagcguacuugugcauauagggcugugcaaauccaugcaaaacug
vvu-mir-200b	MIR-8	caucuuacugggcagcauugga	uaauacugccugguaaugaugac	caucuuacugggcagcauuggaugguugucaggucucuaauacugccugguaaugaugac
vvu-mir-202	MIR-202	uuccuaugcauauacuucuuu		uuccuaugcauauacuucuuugagggucuggccugaagagguguaaggcaugggaaaa
vvu-mir-203	MIR-203	agugguucucgacaguucaacag	gugaaauguuuaggaccacuag	agugguucucgacaguucaacaguuuguagcgcaauugugaaauguuuaggaccacuag
vvu-mir-204	MIR-204	uucccuuugucauccuaugccug	gcugggaaggcaaagggacg	uucccuuugucauccuaugccugagaauauaugaaggaggcugggaaggcaaagggacg
vvu-mir-205	MIR-205	uccuucauuccaccggagucug		uccuucauuccaccggagucugucucguacccaaccagauuucaguggagugaaguuca
vvu-mir-20b	MIR-17	caaagugcucacagugcagguag	acuguaguugggcacuuccgg	caaagugcucacagugcagguagucugggcuuuucucuacuguaguugggcacuuccgg
vvu-mir-21	MIR-21	uagcuuaucagacugauguuga	caacagcagucgaugggcugu	uagcuuaucagacugauguugacuguugaaucucauggcaacagcagucgaugggcugu
vvu-mir-210	MIR-210	agccacugcccaccgcacacug	cugugcgugugacagcggcuga	agccacugcccaccgcacacugcgcugcuccggacccacugugcgugugacagcggcuga
vvu-mir-211	MIR-204	uucccuuugucauccuuugccu		uucccuuugucauccuuugccuaggguucugagaggggcagggacagcaaaggggugc
vvu-mir-2114	MIR-2114	uaguccccuuccuugaaggaucgg	gagccucaagcaagggacuucc	uaguccccuuccuugaaggaucggcaagucacacgcggagccucaagcaagggacuucc
vvu-mir-212	MIR-132	ccuuggcucuagacugcuuacu	uaacagucuccagucacggcc	ccuuggcucuagacugcuuacugcccgggccgcccucaguaacagucuccagucacggcc
vvu-mir-214	MIR-214	ugccugucuacacuugcugugc	acagcaggcacagacaggcagu	ugccugucuacacuugcugugcagaacauccgcucaccuguacagcaggcacagacaggcagu
vvu-mir-215	MIR-192	augaccuacgaauugauagaca	ucugucauuuuuguaggccaaua	augaccuacgaauugauagacaauuuggcuaaguuugucugucauuuuuguaggccaaua
vvu-mir-216b	MIR-216	aaaucucugcaggcaaauguga	acacacuuacccguagagauucug	aaaucucugcaggcaaaugugaugucacuaaagaaaucacacacuuacccguagagauucug
vvu-mir-218-1	MIR-218	uugugcuugaucuaaccaugu	augguuccgucaagcaccaug	uugugcuugaucuaaccaugugguugccagguaugaguaaaacaugguuccgucaagcaccaug
vvu-mir-218-2	MIR-218	uugugcuugaucuaaccaugu	caugguucugucaagcaccgcg	uugugcuugaucuaaccaugugguggaacgauggaaacggaacaugguucugucaagcaccgcg
vvu-mir-219-1	MIR-219	ugauuguccaaacgcaauucu	agaguugagucuggacgucccg	ugauuguccaaacgcaauucucgagucucuggcucuggccgagaguugagucuggacgucccg
vvu-mir-219-2	MIR-219	ugauuguccaaacgcaauucuug	agaauuguggcuggacaucugu	ugauuguccaaacgcaauucuuguacgagucugcggccaaccgagaauuguggcuggacaucugu
vvu-mir-22	MIR-22	aguucuucaguggcaagcuuua	aagcugccaguugaagaacugu	aguucuucaguggcaagcuuuauguccugacccagcuaaagcugccaguugaagaacugu
vvu-mir-221	MIR-221	accuggcauacaauguagauuucugu	agcuacauugucugcuggguuuc	accuggcauacaauguagauuucuguguuuguuggggcaacagcuacauugucugcuggguuuc
vvu-mir-222	MIR-221	cucaguagccaguguagaucc	agcuacaucuggcuacuggucuc	cucaguagccaguguagauccuguguuuuguaaucaguagcuacaucuggcuacuggucuc
vvu-mir-224	MIR-224	caagucacuaguggguuccguuuag	aaauggugcccuagugacuacaa	caagucacuaguggguuccguuuaguagaugauuaugcauuguuucaaaauggugcccuagugacuacaa
vvu-mir-2355	MIR-2355	cccagauacaauggacaaua	auuguccuugcuguuuggaga	cccagauacaauggacaauaugcuauuauaauuguauggcauuguccuugcuguuuggaga
vvu-mir-2387	MIR-2387	uggaaggccuggcuuugcagcgu	ucugcagacccggccuuggcaa	uggaaggccuggcuuugcagcguguucuggacucugcagacccggccuuggcaa
vvu-mir-23a	MIR-23		acauugccagggauuucc	gguuccuggggaugggauuugcugccugucacaaaucacauugccagggauuucc
vvu-mir-23b	MIR-23	gggguuccuggcaugcuga	acauugccagggauuacc	gggguuccuggcaugcugauuugugacuuaagauuaaaaucacauugccagggauuacc
vvu-mir-24-2	MIR-24	ugccuacugagcugaaacacagu	uggcucaguucagcaggaac	ugccuacugagcugaaacacaguugauuugugcagacuggcucaguucagcaggaac
vvu-mir-2483	MIR-2483	agucaaccauccagcuguuuga	aaacaucugguugguugagaga	agucaaccauccagcuguuugaauugaugcaagcaaacaucugguugguugagaga
vvu-mir-25	MIR-92	aggcggagacuugggcaauugc	cauugcacuugucucggucuga	aggcggagacuugggcaauugcuggacgcugcccgcgcauugcacuugucucggucuga
vvu-mir-26a-1	MIR-26	uucaaguaauccaggauaggcu	ccuauucuugguuacuugcacg	uucaaguaauccaggauaggcugugcaggucccaauggccuauucuugguuacuugcacg
vvu-mir-26a-2	MIR-26	uucaaguaauccaggauaggcu	ccuauucucgauuacuuguuuc	uucaaguaauccaggauaggcuguuuccgucugugaggccuauucucgauuacuuguuuc
vvu-mir-26b	MIR-26	uucaaguaauucaggauagguu	ccuguucuccauuacuuggcuc	uucaaguaauucaggauagguugugugcuguccagccuguucuccauuacuuggcuc
vvu-mir-27a	MIR-27		uucacaguggcuaaguuc	gcuuagcugcuugugagcagaguccacuccaagucguguucacaguggcuaaguuc
vvu-mir-27b	MIR-27	agagcuuagcugauuggugaaca	uucacaguggcuaaguucugc	agagcuuagcugauuggugaacagugacuggguuuccgcuuuguucacaguggcuaaguucugc
vvu-mir-28	MIR-28	aaggagcucacagucuauugag	cacuagauugugagcuccugga	aaggagcucacagucuauugagugugccuuucugacuuucccacuagauugugagcuccugga
vvu-mir-299	MIR-154	ugguuuaccgucccacauaca	uauguggGacggguaaaccgcu	ugguuuaccgucccacauacauuuugaguauguauguggGacgguaaaccgcu
vvu-mir-29a	MIR-29	acugauuucuuuugguguucaga	uagcaccaucugaaaucgguu	acugauuucuuuugguguucagagucaauauaauuuucuagcaccaucugaaaucgguu
vvu-mir-29b-1	MIR-29	gcugguuucauauggugguuuaga	uagcaccauuugaaaucaguguu	gcugguuucauauggugguuuagauuuaaauagugauugucuagcaccauuugaaaucaguguu
vvu-mir-29b-2	MIR-29	cugguuucacauggugguuaga	uagcaccauuugaaaucaguguu	cugguuucacauggugguuagauuuuuccaucuuuguaucuagcaccauuugaaaucaguguu
vvu-mir-300	mir-300		uaugcaaggacaagcucucucc	agagaggguuauccuucguguguuuguauguauguuaaugaauuaugcaaggacaagcucucucc
vvu-mir-301a	MIR-130	gcucugacuuuauugcacuacu	cagugcaauaguauugucaaagc	gcucugacuuuauugcacuacuguacuuuacagcuagcagugcaauaguauugucaaagc
vvu-mir-301b	MIR-130		cagugcaaugauauugucaaagc	ucugacgaggUugcacuacugugcucugagaagcagugcaaugauauugucaaagc

Продолжение таблицы

miRNA ID (miRBase style)	family	miRNA from 5′ arm	miRNA from 3′ arm	precursor
vvu-mir-3059	MIR-3059	uuuccucucugccccauagggug		uuuccucucugccccauagggguagcucuaacuacccucuagggaagagaagguuggg
vvu-mir-3085	MIR-3085	aggugccauucugagggccaagagu	ucuggcugcuauggcccccu	aggugccauucugagggccaagaguuugauuaugugucacucuggcugcuauggcccccu
vvu-mir-30a	MIR-30	uguaaacauccucgacuggaagcu	cuuucagucggauguuugcagc	uguaaacauccucgacuggaagcugugaagccacagaugggcuuucagucggauguuugcagc
vvu-mir-30b	MIR-30	uguaaacauccuacacucagcu	cugggaggugguauguuuacuuc	uguaaacauccuacacucagcuguaguacauggauuggcugggaggugguauguuuacuuc
vvu-mir-30c-1	MIR-30	uguaaacauccuacacucucagcu	cugggagaggguuguuuacucc	uguaaacauccuacacucucagcugugagcucaaggugggcugggagaggguuguuuacucc
vvu-mir-30c-2	MIR-30	uguaaacauccuacacucucagcu	cugggagaaggcuguuuacucu	uguaaacauccuacacucucagcugugguaaaguaagaaagcugggagaaggcuguuuacucu
vvu-mir-30d	MIR-30	uguaaacauccccgacuggaagcu	cuuucagucagauguuugcugc	uguaaacauccccgacuggaagcuggaagacagcaaagcuuucagucagauguuugcugc
vvu-mir-30e	MIR-30	uguaaacauccuugacuggaagcu	cuuucagucggauguuuacagc	uguaaacauccuugacuggaagcuguaaggugcucagaggggcuuucagucggauguuuacagc
vvu-mir-31	MIR-31	aggcaagaugcuggcauagcug	gcuaugccaacauauugccauc	aggcaagaugcuggcauagcuguugaaccugcuaugccaacauauugccauc
vvu-mir-32	MIR-32	uauugcacauuacuaaguug	caauuuaguguguguguauau	uauugcacauuacuaaguugcauguugucacggccucaaugcaauuuaguguguguguauau
vvu-mir-320	mir-320		aaaagcuggguugagagggcga	gccuucucuucccgguucuucccggagucgggaaaagcuggguugagagggcga
vvu-mir-323a	MIR-154	agguggucccguggcgcguucgc	gcacauuacacggucgaccucu	agguggucccguggcgcguucgcuuuauuuauuggcgcacauuacacggucgaccucu
vvu-mir-323b	MIR-154	agguuguccguggugaguucg	cccaauacacggucgaucucu	agguuguccguggugaguucgcauuauuuaaugaugcccaauacacggucgaucucu
vvu-mir-324	MIR-324	cgcauccccuagggcauuggug	ccacugccccaggugcugcug	cgcauccccuagggcauuggugugggagcuggagacccacugccccaggugcugcug
vvu-mir-325	MIR-325	ccuaguaggguguucaguaagug	uuuauugagcaccuccuauca	ccuaguaggguguucaguaagugguuugugacauaauucguuuauugagcaccuccuauca
vvu-mir-329a	MIR-154	gaggguuucugggguuucuguuuc	aacacaccugguuaaccucuu	gaggguuucugggguuucuguuucuuuaaugaggaugaaacacaccugguuaaccucuu
vvu-mir-329b	MIR-154	gaggguuucugggguuucuguuuc		gaggguuucugggguuucuguuucuuucacgaggaugaaacacacccaguuaaccucuu
vvu-mir-329c	MIR-154	gaggguuucugggguuucuguuuc	aacacaccugguuaaccucuu	gaggguuucugggguuucuguuucuuuaaugaggaugaaacacaccugguuaaccucuu
vvu-mir-330	MIR-330	ucucugggccugugucuuaggcu	aaagcacacggccugcagaga	ucucugggccugugucuuaggcucugcaagaucaaccgagcaaagcacacggccugcagaga
vvu-mir-331	MIR-331	ucuagguauggucccagggaucc	gccccugggccuauccuagaac	ucuagguauggucccagggaucccagaucaaaccaggccccugggccuauccuagaac
vvu-mir-335	MIR-335	ucaagagcaauaacgaaaaaug	uuuuucauuauugcuccugacc	ucaagagcaauaacgaaaaauguuugucauaaaccguuuuucauuauugcuccugacc
vvu-mir-338	MIR-338	ucaacaaaaucacugaugcuggagu	ucagcaccaggauauugugggg	ucaacaaaaucacugaugcuggaguugcaugugucaucacucagcaccaggauauugugggg
vvu-mir-339-1	MIR-339	ucccuguccuccaggagcuca	agcuccucgaggccagagccc	ucccuguccuccaggagcucacuuauaucuggccgugagcuccucgaggccagagccc
vvu-mir-33a	MIR-33	gugcauuguaguugcauugca	caauguuuccacagugcauca	gugcauuguaguugcauugcauguucuggcgguacccgugcaauguuuccacagugcauca
vvu-mir-340	MIR-340	uuauaaagcaaugagacugauu	uccgucucaguuacuuuauagcc	uuauaaagcaaugagacugauugucaugugucggugugggauccgucucaguuacuuuauagcc
vvu-mir-342	MIR-342	ggggugcuaucugugauugagggac	ucucacacagaaaucgcacccgu	ggggugcuaucugugauugagggacauggcaaauagaauugucucacacagaaaucgcacccgu
vvu-mir-345	MIR-345	gcugacucuuaguccagugcu	cccugaacuaggggucuggag	gcugacucuuaguccagugcucgugauggcugguggggcccugaacuaggggucuggag
vvu-mir-34a	MIR-34	uggcagugucuuagcugguugu	caaucagcaaguauacugcccua	uggcagugucuuagcugguuguugugaguaauagugaaggaagcaaucagcaaguauacugcccua
vvu-mir-34b	MIR-34	aggcaguguaauuagcugauugu	aaucacuaacuccacugccauc	aggcaguguaauuagcugauuguacucugcugcuuacaaucacuaacuccacugccauc
vvu-mir-34c	MIR-34	aggcaguguaguuagcugauugc	aaucacuaaccacacggccagg	aggcaguguaguuagcugauugcuaauaguaccaaucacuaaccacacggccagg
vvu-mir-350	MIR-350	aaagugcacgcgcuuugggac	uucacaaagcccauacacuuuuac	aaagugcacgcgcuuugggacagugaagaaaauaauguucacaaagcccauacacuuuuac
vvu-mir-361	MIR-361	uuaucagaaucuccagggguac	cccccaggugugauucugauuugc	uuaucagaaucuccagggguacuuauaauuugaaaaagucccccaggugugauucugauuugc
vvu-mir-362	MIR-362	aauccuuggaaccuaggugugagu	aacacaccuauucaaggauuca	aauccuuggaaccuaggugugagugcuauuucagugcaacacaccuauucaaggauuca
vvu-mir-363	MIR-92	cgggugggaucacgaugcaauuuu	aauugcacgguauccaucugu	cgggugggaucacgaugcaauuuugaugaguauaaauaggagaaaaauugcacgguauccaucugu
vvu-mir-365-1	MIR-193	ugagggacuuuugggggcagaug	uaaugccccuaaaaauccuuau	ugagggacuuuugggggcagauguguuuccauuccacuaucauaaugccccuaaaaauccuuau
vvu-mir-365-2	MIR-193	gagggacuuucaggggcagcugu	uaaugccccuaaaaauccuuau	gagggacuuucaggggcagcuguguuuucugacucagucauaaugccccuaaaaauccuuau
vvu-mir-369	MIR-154	agaucgaccguguuauauucg	aauaauacaugguugaucuuu	agaucgaccguguuauauucgcuuuauugacuucgaauaauacaugguugaucuuu
vvu-mir-370	MIR-370	caggucacgucucugcaguuac	gccugcugggguggaaccuggu	caggucacgucucugcaguuacacagcucaugagugccugcugggguggaaccuggu
vvu-mir-371	MIR-430	auucaaacuaugggggcacuuuc	aagugccgccauuuuuugagugu	auucaaacuaugggggcacuuucuguucuaggaaggaaagugccgccauuuuuugagugu
vvu-mir-371	MIR-430	auucaaacuaugggggcacuuuc	aagugccgccauuuuuugagugu	auucaaacuaugggggcacuuucuguucuaggaaggaaagugccgccauuuuuugagugu
vvu-mir-374a	MIR-374	uuauaauacaaccugauaagug	cuuaccagguuguauuguaauu	uuauaauacaaccugauaaguguucuagcacuuaccagguuguauuguaauu
vvu-mir-374b	MIR-374	auauaauacaaccugcuaagug	cuuaucagguuguauuaucauu	auauaauacaaccugcuaaguguccuagcacuuaucagguuguauuaucauu
vvu-mir-376a-1	MIR-376	guagauucuccuucuaugagu	auagaggaaaauccacgu	guagauucuccuucuaugaguacauuauuuaugauuaaucauagaggaaaauccacgu
vvu-mir-376a-2	MIR-376		auagaggaaaauccacgu	guagauuuuccuucuaugauuacguguuugaugguuaaucauagaggaaaauccacgu
vvu-mir-376a-3	MIR-376		auagaggaaaauccacgu	gguggauguuccuucuauguuuacgggauuuauaguuaaucauagaggaaaauccacgu
vvu-mir-376c	MIR-376	guggauauuccuucuauguuu	aacauagaggaaauuccacgu	guggauauuccuucuauguuuauguuauuuaugguuaaacauagaggaaauuccacgu
vvu-mir-377	MIR-154	agagguugcccuuggugaauuc	aaucacacaaaggcaacuuuugu	agagguugcccuuggugaauucgcuuuauuuauguugaaucacacaaaggcaacuuuugu
vvu-mir-378	MIR-378	cuccugacuccagguccugugu	acuggacuuggagucagaaggc	cuccugacuccagguccugugugguuaccucgaaauagcacuggacuuggagucagaaggc
vvu-mir-379	MIR-154	ugguagacuauggaacguagg	uauguaacaugguccacuaac	ugguagacuauggaacguaggcuuugugauuuuugaccuauguaacaugguccacuaac
vvu-mir-380	MIR-154	augguugaccauagaacaugcg	uauguaauaugguccacgucu	augguugaccauagaacaugcgcuagcucuaugucguauguaauaugguccacgucu
vvu-mir-381	MIR-154	agcgagguugcccuuuguauauu	uauacaagggcaagcucucugu	agcgagguugcccuuuguauauucgguuuauugacauagaauauacaagggcaagcucucugu
vvu-mir-382	MIR-154	gaaguuguucgugguggauucg	aaucauucacggacaacacuuu	gaaguuguucgugguggauucgcuuuacuuaugacgaaucauucacggacaacacuuu
vvu-mir-383	MIR-383	agaucagaaggugauuguggcu	ccacagcacugccuggucaga	agaucagaaggugauuguggcuuuggguggauauuaaucagccacagcacugccuggucaga
vvu-mir-384	MIR-384	uguaaacaauuccuaggcaaugu	auuccuagaaauuguucacaau	uguaaacaauuccuaggcaauguguauaauguuuguaagucauuccuagaaauuguucacaau
vvu-mir-3958	MIR-154	agguuguccgugauguauuugc	agauauugcacgguugaucucu	agguuguccgugauguauuugcuuuguuuauggcagauauugcacgguugaucucu

Продолжение таблицы

miRNA ID (miRBase style)	family	miRNA from 5′ arm	miRNA from 3′ arm	precursor
vvu-mir-3959	MIR-154	gguugaucagagaacauacauu	uguaugucaacugauccacagu	gguugaucagagaacauacauuuuaucaaugauguaugucaacugauccacagu
vvu-mir-409	mir-409	agguuacccgagcaacuuugcau	gaauguugcucggugaaccccu	agguuacccgagcaacuuugcaucuggacgacgaauguugcucggugaaccccu
vvu-mir-410	MIR-154	agguugucugugaugaguucg	aauauaacacagauggccugu	agguugucugugaugaguucgcuuuauuaaugccgaauauaacacagauggccugu
vvu-mir-411	MIR-154	auaguagaccguauagcguacg	uauguaacacgguccacuaac	auaguagaccguauagcguacgcuuuaucugugacguauguaacacgguccacuaac
vvu-mir-412	MIR-154	uggucgaccaguuggaaaguaau	cuucaccugguccacuagccgu	uggucgaccaguuggaaaguaauuguuucgaauguacuucaccugguccacuagccgu
vvu-mir-421	MIR-95	cucauuaaauguuuguugaaug	aacagacauuaauugggcg	cucauuaaauguuuguugaaugaaaaaaugaaucaucaacagacauuaauugggcg
vvu-mir-423a	MIR-423	ugaggggcagagagcgagacuuu	agcucggucugaggccccucagu	ugaggggcagagagcgagacuuuucuauuuuccaaaagcucggucugaggccccucagu
vvu-mir-424	MIR-15	cagcagcaauucauguuuuga	caaaacgugaggcgcugcuau	cagcagcaauucauguuuugaagugcuuuaaaugguucaaaacgugaggcgcugcuau
vvu-mir-425	MIR-425	aaugacacgaucacucccguug	caucgggaaugucguguccgcc	aaugacacgaucacucccguugagugggcacccaagaagccaucgggaaugucguguccgcc
vvu-mir-432	MIR-432	ucuuggaguaggucauugggug	cuggauggcuccuccaugucu	ucuuggaguaggucauugggugggauccuuaauuucccuauguggccacuggauggcuccuccaugucu
vvu-mir-433	MIR-433	uacggugagccugucauuauuc	augaugggcuccucggugu	uacggugagccugucauuauucagagaggcuagauccucuguguugagaaggaucaugaugggcuccucggugu
vvu-mir-448	MIR-448	gaacauccugcauagugcugcc	uugcauauguaggauguccca	gaacauccugcauagugcugccaggaaauccuauuuuauacuaagggggcuggcugguugcauauguaggauguccca
vvu-mir-449a	MIR-34	uggcaguguauuguuagcuggu		uggcaguguauuguuagcugguugaauauaugaauggcaucagcuaacaugcaacugcuguc
vvu-mir-449b	MIR-34	aggcaguguauuguuagcuggcugc	cagccacaacuacccugccacu	aggcaguguauuguuagcuggcugcuuugggucaaucuggcagccacaacuacccugccacu
vvu-mir-450a	MIR-450	uuuugcgauguguuccuaauau	auugggagcauuuugcaugcau	uuuugcgauguguuccuaauaugcaguaugaacauauugggagcauuuugcaugcau
vvu-mir-450b	MIR-450	uuuugcaauauguuccugaau		uuuugcaauauguuccugaauauguaauaugaguguauugggaacauuuugcauccau
vvu-mir-450c	MIR-450	uuuugcgauguguuccuaau	auugggaacauuuugcauucau	uuuugcgauguguuccuaauauguacuauaaguguauugggaacauuuugcauucau
vvu-mir-452	MIR-452	aacuguuugcagaggaaacugaga	ucagucucaucugcaaagaagu	aacuguuugcagaggaaacugagacuuuguaacuacaucucagucucaucugcaaagaagu
vvu-mir-454	MIR-130	acccuaucgauauugucucugc	uagugcaauauugcuuauagggu	acccuaucgauauugucucugcuguguaaauagcucugaguagugcaauauugcuuauagggu
vvu-mir-455	MIR-455	uaugugccuuuggacuacaucg	augcaguccaugggcauauacac	uaugugccuuuggacuacaucguggaagccagcaccaugcaguccaugggcauauacac
vvu-mir-485	MIR-154	agaggcuggccgugaugaauuc	gucauacacggcucuccucucu	agaggcuggccgugaugaauucgauucaucaaagcgagucauacacggcucuccucucu
vvu-mir-486	MIR-486	uccuguacugagcugccccga	cggggcagcucaguacaggau	uccuguacugagcugccccgagcugggcgcagugaauggccucggggcagcucaguacaggau
vvu-mir-487a	MIR-154	gugguuaucccugcuguguucg	aaucauacagggacauccaguu	gugguuaucccugcuguguucgcuguauuuaugacgaaucauacagggacauccaguu
vvu-mir-487b	MIR-154	gugguuaucccuguccuguucg	aaucguacagggucauccacuu	gugguuaucccuguccuguucguuuuacucaugucgaaucguacagggucauccacuu
vvu-mir-488	MIR-488	cccagauaauggcacucucaaac	uugaaaggcuauuucuugguc	cccagauaauggcacucucaaacaaguuuucaaguuguuugaaaggcuauuucuugguc
vvu-mir-489	MIR-489		gugacaucacauauacggcggc	ggccguauguguggcgccauuuacuugaaccuuuaggagugacaucacauauacggcggc
vvu-mir-490	MIR-490	ccauggaucuccaggugggg	caaccuggaggacuccaugcugu	ccauggaucuccaggugggucacguuuagagauacaccaaccuggaggacuccaugcug
vvu-mir-491	MIR-491	agugggggaacccuuccaugagga	cuuaugcaagauucccuucuac	agugggggaacccuuccaugaggaguagaacacuccuuaugcaagauucccuucuac
vvu-mir-493	MIR-493	uuguacaugguaggcuuucauu	ugaaggucuacugugugccagg	uuguacaugguaggcuuucauucauucguuugcacauucggugaaggucuacugugugccagg
vvu-mir-494-1	MIR-154	agguuguccguguugucuucuc	ugaaacauacacgggaaaccucu	agguuguccguguugucuucucuuuauuuaugaugaaacauacacgggaaaccucu
vvu-mir-494-2	MIR-154	agguuguccguguugucuucuc	ugaaacauacacgggaaaccucu	agguuguccguguugucuucucuuuauuuaugaugaaacauacacgggaaaccucu
vvu-mir-495	MIR-154	gaaguugcccguguuauuuucg	aaacaaacauggugcacuucuu	gaaguugcccguguuauuuucgcuugauacgugccgaaacaaacauggugcacuucuu
vvu-mir-496	MIR-154	gguuguccauggugugguucauu	ugaguauuacauggccaaucuc	gguuguccauggugugguucauuuuauuuaugaugaguauuacauggccaaucuc
vvu-mir-497	MIR-15	cagcagcacacugugguuuguac	ccagaccacacugugguguuagg	cagcagcacacugugguuuguacgguacugugggccacguccagaccacacugugguguuagg
vvu-mir-499	MIR-499	uuaagacuugcagugauguuu	gaacaucacagcaagucugu	uuaagacuugcagugauguuuaacuccucuccacgugaacaucacagcaagucugu
vvu-mir-500a	MIR-362	uaauccuugcuaccugggugaga	augcaccugggcaaggauucuga	uaauccuugcuaccugggugagagugcuuucugaaugcaaugcaccugggcaaggauucuga
vvu-mir-500b	MIR-362	uaauccuugcuaccugggugagagu	augcaccuaggcaaggauuccga	uaauccuugcuaccugggugagagugcuuucugaaugcaaugcaccuaggcaaggauuccga
vvu-mir-502	MIR-362	uaauccuugcuaucugggugcuagu	aaugcaccugggcaaggauuc	uaauccuugcuaucugggugcuagugcugucucaaugcaaugcaccugggcaaggauuc
vvu-mir-503	MIR-15	uagcagcgggaacaguacug	ggaguauuguuucugcugcccgg	uagcagcgggaacaguacugcaguggggcgaucgguguucuggaguauuguuucugcugcccgg
vvu-mir-504	MIR-504	gacccuggucugcacucuauc	gggagcgcagggcaggguuucc	gacccuggucugcacucuaucuguaugcuuacugaagggagcgcagggcaggguuucc
vvu-mir-505	MIR-505	gggagccaggaaguauugauguu	cgucaacacuugcugguuuccu	gggagccaggaaguauugauguuucugccaguuuagcgucaacacuugcugguuuccu
vvu-mir-506	MIR-506	uacucagggaggcgucauucaca	ugaauggcaccuuucugaguaag	uacucagggaggcgucauucacauaaguugauauaugaauggcaccuuucugaguaag
vvu-mir-508a	MIR-506	uacuugagagggugacauuca	acugucaccuuuuuugaguaca	uacuugagagggugacauucauagauacuagaacaugacugucaccuuuuuugaguaca
vvu-mir-532	MIR-188	caugccuugaguguaggaccgu	ccucccacacccaaggcuugca	caugccuugaguguaggaccguuggcaucuuaauuacccucccacacccaaggcuugca
vvu-mir-539	MIR-154	ggagaaauuauccuuggugugguu	cauacaaggacaauuucuuuuu	ggagaaauuauccuuggugugguucgcugugguuugugaggaaucauacaaggacaauuucuuuuu
vvu-mir-542-1	MIR-542	ucggggaucaucaugucacgag	ugugacagauugauaacugaaa	ucggggaucaucaugucacgagauaccacugugcacuugugacagauugauaacugaaa
vvu-mir-542-2	MIR-542	ucggggaucaucaugucacga	ugugacagauugauaacugaaa	ucggggaucaucaugucacgagauaccacugugcacuugugacagauugauaacugaaa
vvu-mir-543	MIR-154	aaguugcccguguuuuuuucg	aaacauucgcggugcacuucuu	aaguugcccguguuuuuuucgcuuuauuugugacgaaacauucgcggugcacuucuu
vvu-mir-544-1	MIR-544	ucuuguuaaaaggcagauucu		ucuuguuaaaaggcagauucugauuuagggaccaagauucugcauuuuuagcaaguuc
vvu-mir-544-2	MIR-544	ucuuguuaaaaggcagauucu		ucuuguuaaaaggcagauucugauuuagggaccaagauucugcauuuuuagcaaguuc
vvu-mir-545	MIR-95	ccucaguaaauguuuauuggaug	ucaauaaacauuuaucgugugcc	ccucaguaaauguuuauuggaugaauaaaugaaugacucaucaauaaacauuuaucgugugcc
vvu-mir-551a	MIR-551	gaaauccagaguggguaaggccug	gcgacccacucuugguuucca	gaaauccagaguggguaaggccugucugauugugucuaggcgacccacucuugguuucca
vvu-mir-551b	MIR-551	gaaaucaagugugggugagacc	gcgacccauacuugguuucag	gaaaucaagugugggugagaccuggugcacagcgggaaggcgacccauacuugguuucag
vvu-mir-582	MIR-582	uuacaguuguucaaccaguuac	aaccaguugaacaacugaaccc	uuacaguuguucaaccaguuacuaaucuagcuaauuguaaccaguugaacaacugaaccc
vvu-mir-590	MIR-590	gagcuuauucauaaaaguaca	uaauuuuauguauaagcuagu	gagcuuauucauaaaaguacaguaugauccaguaaaccuguaauuuuauguauaagcuagu

Окончание таблицы

miRNA ID (miRBase style)	family	miRNA from 5′ arm	miRNA from 3′ arm	precursor
vvu-mir-592	mir-592	uugugucaauaugcgaugaugu		uugugucaauaugcgaugaugugugugauggcacagcgucaucacguggugacgcaaca
vvu-mir-628	MIR-628	augcugacauauuuacuagagg	ucuaguaagaguggcagucgaag	augcugacauauuuacuagaggguaaaauuaauaaccuucuaguaagaguggcagucgaag
vvu-mir-6516	mir-6516	uuugcaguaacaggugugaac	auguaugauacugcaaaca	uuugcaguaacaggugugaacauucuagcagcaguuugaugaucauguaugauacugcaaaca
vvu-mir-652	MIR-652	acaacccuaggagagggugccauuca	aauggcgccacuaggguugugc	acaacccuaggagagggugccauucacauagacuauaauugaauggcgccacuaggguugugc
vvu-mir-654-1	MIR-154	cugguggaccgcggaacaugug	uaugucugccgaccaucaccu	cugguggaccgcggaacaugugcuucguucgugccauaugucugccgaccaucaccu
vvu-mir-654-2	MIR-154	cugguggaccgcggaacaugug	uaugucugccgaccaucaccu	cugguggaccgcggaacaugugcuucguucgugccauaugucugccgaccaucaccu
vvu-mir-655-1	MIR-154	agagguuauccguguucuguuc	auaauacaugguuaaccucuuu	agagguuauccguguucuguucgcuucauucgccaugaauaauacaugguuaaccucuuu
vvu-mir-655-2	MIR-154	agagguuauccguguucuguuc	auaauacaugguuaaccucuuu	agagguuauccguguucuguucgcuucauucgccaugaauaauacaugguuaaccucuuu
vvu-mir-656	MIR-154	auagguugccugugaggugguuc	aauauuauacagucaaccucu	auagguugccugugaggugguucacuuucuauacgaugaauauuauacagucaaccucu
vvu-mir-660	MIR-188	uacccauugcauaucggaguug	ccuccugugugcauggauuac	uacccauugcauaucggaguugugaauucuaaagcaccuccugugugcauggauuac
vvu-mir-664	mir-664	augggcuaggaaaaaugauugg	uauucauuuaucuccuagccuacaa	augggcuaggaaaaaugauuggauaaaaaauauuauucuauucauuuaucuccuagccuacaa
vvu-mir-671	MIR-671	aggaagcccuggaggggcuggagg	uccgguucucagggcuccacc	aggaagcccuggaggggcuggaggugauggauguuuuccuccgguucucagggcuccacc
vvu-mir-676	MIR-676	cucuucaaucucaggacucgc	ccguccuaagguugaugaguu	cucuucaaucucaggacucgcagaauuaauggaaugccguccuaaggguugaugaguu
vvu-mir-708	MIR-28	aaggagcuuacaaucuagcuggg	caacuagacugugagcuucuaga	aaggagcuuacaaucuagcuggggugaacggcuugcacaugaacgcaacuagacugugagcuucuaga
vvu-mir-7-1	MIR-7	uggaagacuagugauuuuguuguu	caacaaaucacagucugccaua	uggaagacuagugauuuuguuguuuuuagauaacuaaaucgacaacaaaucacagucugccaua
vvu-mir-7-2	MIR-7	uggaagacuagugauuuuguuguu	caacaagucccagucugccaca	uggaagacuagugauuuuguuguugucucacugcauccaacaacaagucccagucugccaca
vvu-mir-7-3	MIR-7	uggaagacuagugauuuuguuguu	caacaagucacagcuuccuca	uggaagacuagugauuuuguuguucugauguacuaugacaacaagucacagcuuccuca
vvu-mir-758	MIR-154	augguugaccagagagcacacg	uuugugaccugguccacuaac	augguugaccagagagcacacgcuuuauuugugccguuugugaccugguccacuaac
vvu-mir-764	mir-764	ggugcucacuuguccuccuccg	aggaggccauaguggcaacugu	ggugcucacuuguccuccuccgugcuuggaaaauacagggaggaggccauaguggcaacugu
vvu-mir-769	MIR-769	ugagaccucuggguucugagcu	cugggaucucuggggucuuggu	ugagaccucuggguucugagcugugauguuccuuccaagcugggaucucuggggucuuggu
vvu-mir-873	MIR-873	gcaggaacuugugagucuccu	gagacugaugaguucccggga	gcaggaacuugugagucuccuauugaaaaugaacaggagacugaugaguucccggga
vvu-mir-874	MIR-874	cggccccacgcaccaggguaag	cugcccuggcccgagggaccgac	cggccccacgcaccaggguaagagagacucucacuuccugcccuggcccgagggaccgac
vvu-mir-876	MIR-876		ugguguuuacaaaguaauuc	auuucuuugugaaucaccauaucuaagcuaauguggugguguuuacaaaguaauuc
vvu-mir-8829	mir-8829	uuggccucuguuccaugccugggc	ccgcaugcuguaggggccacga	uuggccucuguuccaugccugggcugugccuggccaguggguagagccgcaugcuguaggggccacga
vvu-mir-885	MIR-885	uccauuacacuacccugccucu	aggcagcgggguguaguggaua	uccauuacacuacccugccucuucuccaugagaggcagcggggguguaguggaua
vvu-mir-8859b	mir-8859	uccgcgccuggaguccgccucg	ggucggauuccgugccuggagu	uccgcgccuggaguccgccucgugguucugaguccgggucggauuccgugccuggagu
vvu-mir-889-1	MIR-154	aaugguuguccguaguaugguc	uuaauaucggacaaccauugu	aaugguuguccguaguauggucucuauauucauggugauuaauaucggacaaccauugu
vvu-mir-889-2	MIR-154	aaugguuguccguaguaugguc	uuaauaucggacaaccauugu	aaugguuguccguaguauggucucuauauucauggugauuaauaucggacaaccauugu
vvu-mir-8908a-1	mir-8908	ugcugaggaaggugcucauugc	aauuaggaccucccugagcgga	ugcugaggaaggugcucauugcauucauucauaagaguaauuaggaccucccugagcgga
vvu-mir-8908a-2	mir-8908	ugcugaggaaggugcugguugc	aauuaggaccucccugagcgga	ugcugaggaaggugcugguugcauucauucauaagaguaauuaggaccucccugagcgga
vvu-mir-8908a-3	mir-8908	ugcugaggaaggugcugguugc	aauuaggaccucccugagcgga	ugcugaggaaggugcugguugcauucauucauaagaguaauuaggaccucccugagcgga
vvu-mir-8908a-4	mir-8908	ugcugaggaaggugcugguugc	aauuaggaccucccugagcgga	ugcugaggaaggugcugguugcagucauucauaagaguaauuaggaccucccugagcgga
vvu-mir-8908c-1	mir-8908	ugcucaggauggcgcugauuac	gauuagcgucugccugggccga	ugcucaggauggcgcugauuacauacucuaggagugauuagcgucugccugggccga
vvu-mir-8908c-2	mir-8908	ugcucaggauggcgcugauuac	gauuagcgucugccugggccga	ugcucaggauggcgcugauuacauacucuaggagugauuagcgucugccugggccga
vvu-mir-8908d-1	mir-8908		auuagcgccugacugagugggu	ccuacccagaaaggugcugaugaggcaggauacagauuauuagcgccugacugagugggu
vvu-mir-8908d-2	mir-8908		auuagcgccugacugagugggg	cuacccagaaaagugcugaugaggcaggauagggauuauuagcgccugacugagugggg
vvu-mir-8908d-3	mir-8908		auuagcgccugacugagugggg	cuacccagaagggugcugaugaggggcaggaugcggauuuauuagcgccugacugagugggg
vvu-mir-8908d-4	mir-8908		auuagcgccugacugaguaggg	cuacccagaaaggugcugaugaggggcaggaugcggauuauuagcgccugacugaguaggg
vvu-mir-9-1	MIR-9	ucuuugguuaucuagcuguauga	auaaagcuagauaaccgaaagua	ucuuugguuaucuagcuguaugagugguguggagucuucauaaagcuagauaaccgaaagua
vvu-mir-9-2	MIR-9	ucuuugguuaucuagcuguauga	auaaagcuagauaaccgaaagua	ucuuugguuaucuagcuguaugaguguauuggucuucauaaagcuagauaaccgaaagua
vvu-mir-92a-1	MIR-92	agguugggaucgguugcaaugcu	uauugcacuugucccggccugu	agguugggaucgguugcaaugcuguguuucuguaugguauugcacuugucccggccugu
vvu-mir-92a-2	MIR-92		uauugcacuugucccggccugu	gggugggguuuguggcauuacuuguguuccauauaaaguauugcacuugucccggccugu
vvu-mir-92b	MIR-92	agggacgggacgcggugcaguguu	uauugcacucgucccggccucc	agggacgggacgcggugcaguguuguucucuccccccgccaauauugcacucgucccggccucc
vvu-mir-93	MIR-17	caaagugcuguucgugcagguag	acugcugagcuagcacuucccga	caaagugcuguucgugcagguagugugauuaccugaccuacugcugagcuagcacuucccga
vvu-mir-9-3	MIR-9	ucuuugguuaucuagcuguauga	auaaagcuagauaaccgaaagu	ucuuugguuaucuagcuguaugagugccacagagccgucauaaagcuagauaaccgaaagu
vvu-mir-95	MIR-95		uucaacgggguauuuauugagc	ucaauaaauguuuguugaauugagaugcauuaaauucaacgggguauuuauugagc
vvu-mir-98	LET-7	ugagguaguaaguuguauuguu	cuauacaacuuacuacuuuccc	ugagguaguaaguuguauuguuguggggguagggauuuuaggccccaauuagaagauaacuauacaacuuacuacuuuccc
vvu-mir-99a-1	MIR-10	aacccguagauccgaucuugug	caagcucgcuucuaugggucugu	aacccguagauccgaucuuguggugaaguggacggcacaagcucgcuucuaugggucugu
vvu-mir-99a-2	MIR-10	aacccguagauccgaucuugug	caagcuugugucuaauggguaug	aacccguagauccgaucuuguggugauaguccacacaagcuugugucuauagguaug
vvu-mir-99b	MIR-10	cacccguagaaccgaccuugcg	caagcucgagucugugggucug	cacccguagaaccgaccuugcggggccuucgccgcacacaagcucgagucugugggucug

Приложение 2

miRNA	precursor arm containing mature miRNA	mature miRNA expression level in RPM						Data from Sharon L. Hollins, Murray J. Cairns "MicroRNA: Small RNA mediators of the brains genomic response to environmental stress"						
		domisticated group			aggressive group									
		FoxD1	FoxD2	FoxD3	FoxA1	FoxA2	FoxA3	miRNA	Family	Expression	Brain Region	Species	Model	Reference
vvu-let-7c	5p	110017,5457	114541,486	89370,86574	133375,959	102265,0816	125729,0886	let-7c	Let-7	Decreased	Hippocampus	Adult male rats	Chronic stress (repeated immobilisation)	Meerson et al. 2010
vvu-let-7f	5p	26464,15432	52029,27645	37132,08727	31752,45481	33859,50212	35597,91306	let-7f-1	Let-7	Decreased	Hippocampus	Adult male rats	Chronic stress (repeated immobilisation)	Meerson et al. 2010
								let-7f-2	Let-7	Decreased	Hippocampus	Adult male rats	Acute stress (4-h immobilisation)	Meerson et al. 2010
vvu-mir-132	3p	1097,373844	781,2579426	1454,31462	1022,292043	942,439653	929,9374718	miR-132	miR-132	Increased	Hippocampus	Adult male rats	Chronic stress (repeated immobilisation)	Meerson et al. 2010
								miR-132	miR-132	Increased	Hippocampus	9 week-old C57BL/6 mice	Predator scent exposure	Shaltiel, 2012
								miR-132	miR-132	Increased	Hippocampus	9 week-old C57BL/6 mice	Foot shock	Shaltiel, 2012
vvu-mir-134	5p	23,63241386	38,00714315	37,92796022	38,26932673	40,8054425	49,31794099	miR-134	miR-134	Increased	Hippocampus	Adult male rats	Acute stress (4-h immobilisation)	Meerson et al. 2010
								miR-134	miR-134	Decreased	Hippocampus	Adult male rats	Chronic stress (repeated immobilisation)	Meerson et al. 2010
								miR-134	miR-134	Increased	Hippocampus	Adult male Wister rats	Injections of cocaine hydrochloride	Chen et al. 2013
vvu-mir-144	5p	6,85520402	6,881951847	11,20947812	10,76657939	14,82755905	11,66988316	miR-144	miR-144	Decreased	Hippocampus	Adult male Wister rats	Injections of cocaine hydrochloride	Chen et al. 2013
vvu-mir-152	3p	36,98202169	72,88612638	32,86066189	50,95470244	67,49504878	67,68532231	miR-152	miR-148	Increased	Hippocampus	Adult male Wister rats	Injections of cocaine hydrochloride	Chen et al. 2013
vvu-mir-17	5p	16,05560942	26,27654341	31,32511694	36,13733081	34,04407557	48,10021406	miR-17-5p	miR-17	Increased	Hippocampus	Adult male rats	Chronic stress (repeated immobilisation)	Meerson et al. 2010
vvu-mir-182	5p	43,29602539	60,68630265	111,1734542	47,54350897	35,34890077	44,24407875	miR-182	miR-182	Increased	Hippocampus	Adult male rats	Acute stress (4-h immobilisation)	Meerson et al. 2010
								miR-182	miR-182	Decreased	Hippocampus	Adult male rats	Chronic stress (repeated immobilisation)	Meerson et al. 2010
vvu-mir-183	5p	1,623600952	3,440975923	7,217061256	3,944192448	2,965511809	3,653180814	miR-183	miR-183	Increased	Hippocampus	Adult male rats	Acute stress (4-h immobilisation)	Meerson et al. 2010
vvu-mir-191	5p	37047,86772	20174,28543	31707,16052	34407,64252	25893,90016	27151,45458	miR-191	miR-191	Decreased	Hippocampus	Adult male Wister rats	Injections of cocaine hydrochloride	Chen et al. 2013
vvu-mir-194	5p	18,761611	27,21499139	51,44075576	28,14234612	37,48406927	39,98203447	miR-194	miR-194	Increased	Hippocampus	Adult male Wister rats	Injections of cocaine hydrochloride	Chen et al. 2013
vvu-mir-202	5p	0	0,156407997	0,30710899	0,426399184	0,118620472	0,507386224	miR-202	miR-202	Decreased	Hippocampus	Adult male rats	Acute stress (4-h immobilisation)	Meerson et al. 2010
vvu-mir-204	5p	7101,269764	5274,077642	7047,383539	4873,849269	4691,321062	4446,225483	miR-204	miR-204	Increased	Hippocampus	20–22 day old male Sprague-Dawley rats	200 or 300 ppm Pb(AC)2 in unrestricted deionized drinking water for 8 weeks	An et al. 2014
vvu-mir-211	5p	2,345201375	1,564079965	1,842653938	2,34519551	1,186204724	1,623635918	miR-211	miR-204	Increased	Hippocampus	20–22 day old male Sprague-Dawley rats	200 or 300 ppm Pb(AC)2 in unrestricted deionized drinking water for 8 weeks	An et al. 2014
vvu-mir-22	5p	4,149202433	4,379423902	8,599051709	9,700581427	7,117228343	12,27874663	miR-22	miR-22	Decreased	Hippocampus	Adult male rats	Chronic stress (repeated immobilisation)	Meerson et al. 2010
vvu-mir-221	3p	2300,101349	5329,446073	4039,558095	8157,655981	3268,231255	6077,97958	miR-221	miR-221	Decreased	Hippocampus	Adult male rats	Chronic stress (repeated immobilisation)	Meerson et al. 2010
vvu-mir-32	5p	0,721600423	0,782039983	1,689099443	0,53299898	1,304825196	2,131022142	miR-32	miR-32	Increased	Hippocampus	Adult male rats	Acute stress (4-h immobilisation)	Meerson et al. 2010
vvu-mir-350	5p	16,95760994	17,20487962	23,34028321	22,59915673	31,7902866	33,38601355	miR-350	miR-350	Increased	Hippocampus	Adult male Wister rats	Injections of cocaine hydrochloride	Chen et al. 2013
vvu-mir-369	5p	158,9324932	71,47845441	165,0710819	160,1128934	161,7983243	140,9518931	miR-369	miR-154	Increased	Hippocampus	Adult male rats	Chronic stress (repeated immobilisation)	Meerson et al. 2010
								miR-369-5p	miR-154	Increased	Hippocampus	Adult male Wister rats	Injections of cocaine hydrochloride	Chen et al. 2013
vvu-mir-330	5p	68,91284041	83,99109413	115,4729801	91,0362257	124,551496	102,9994035	miR-330	miR-330	Decreased	Hippocampus	Adult male rats	Chronic stress (repeated immobilisation)	Meerson et al. 2010
vvu-mir-410	3p	2701,852384	6474,97824	4987,910655	3555,742792	3512,589428	4804,744589	miR-410	miR-154	Increased	Hippocampus	Adult male rats	Chronic stress (repeated immobilisation)	Meerson et al. 2010
vvu-mir-448	5p	2,886401693	3,59738392	5,067298328	4,477191428	4,270337006	6,596020915	miR-448	miR-448	Increased	Hippocampus	20–22 day old male Sprague-Dawley rats	200 or 300 ppm Pb(AC)2 in unrestricted deionized drinking water for 8 weeks	An et al. 2014
vvu-mir-504	5p	256,3485503	75,85787831	66,94975973	167,2550798	118,1459905	81,28327312	miR-504	miR-504	Increased	Hippocampus	Adult male Wister rats	Injections of cocaine hydrochloride	Chen et al. 2013
vvu-mir-874	3p	322,0141888	276,2165218	378,0511662	343,2513428	601,9988973	704,8609427	miR-874	miR-874	Increased	Hippocampus	Adult male Wister rats	Injections of cocaine hydrochloride	Chen et al. 2013
vvu-mir-34c	5p	74,6856438	177,0538521	239,0843484	215,0117883	598,0844217	283,4259448	miR-34c	miR-34	Increased	Hippocampus	Adult male C57BL mice	Fear Conditioning	Zovoilis et al. 2011
								miR-34c	miR-34	Increased	Hippocampus	20–22 day old male Sprague-Dawley rats	200 or 300 ppm Pb(AC)2 in unrestricted deionized drinking water for 8 weeks	An et al. 2014
								miR-34c	miR-34	Increased	Hippocampus	Adult male Wister rats	Injections of cocaine hydrochloride	Chen et al. 2013
vvu-mir-124	3p	171,7409007	273,0883619	276,7051996	195,2908261	351,1165982	416,1581811	miR-124a-1	miR-124	Decreased	Hippocampus	Adult male rats	Acute stress (4-h immobilisation)	Meerson et al. 2010
vvu-mir-133b	3p	0,360800212	0,625631986	0,767772474	0,53299898	0,237240945	1,319204183	miR-133b	miR-133	Decreased	Hippocampus	Adult male Wister rats	Injections of cocaine hydrochloride	Chen et al. 2013
vvu-mir-138a/ vvu-mir-138b	5p	112,569666	171,1103482	485,999976	183,8846479	448,1481446	320,2621847	miR-138-1	miR-138	Decreased	Hippocampus	Adult male rats	Acute stress (4-h immobilisation)	Meerson et al. 2010
vvu-mir-148a	3p	1782,533445	7282,98195	4643,641477	2263,007067	3831,678499	3986,939473	miR-148a	miR-148	Decreased	Hippocampus	Adult male rats	Chronic stress (repeated immobilisation)	Meerson et al. 2010
vvu-mir-15b	5p	45,28042655	22,67915949	50,2123198	55,32529407	38,07717163	47,59282783	miR-15b	miR-15	Decreased	Hippocampus	Adult male rats	Acute stress (4-h immobilisation)	Meerson et al. 2010
vvu-mir-16	5p	2660,90156	2097,431233	4401,17893	3177,953115	4093,23664	4134,385909	miR-16	miR-15	Increased	Hippocampus	13 week-old male rats	Maternal separation (6-hrs daily, 13 days)	Bai et al. 2012
								miR-16-1	miR-15	Decreased	Hippocampus	Adult male rats	Chronic stress (repeated immobilisation)	Meerson et al. 2010
vvu-mir-181c	5p	1826,731471	2650,959133	3271,324957	1989,365391	2983,897983	3606,602759	miR-181c	miR-181	Increased	Hippocampus	Adult male Wister rats	Injections of cocaine hydrochloride	Chen et al. 2013
vvu-mir-190a	5p	1,082400635	8,602439808	5,988625297	1,81219653	3,558614171	8,118179588	miR-190	miR-190	Increased	Hippocampus	Adult male rats	Acute stress (4-h immobilisation)	Meerson et al. 2010
vvu-mir-19a	3p	1,804001058	6,72554385	3,992416865	2,558395102	4,270337006	5,276816732	miR-19a	miR-19	Increased	Hippocampus	Adult male rats	Acute stress (4-h immobilisation)	Meerson et al. 2010
vvu-mir-219-1	5p	5,051202962	7,19476784	13,97345903	5,543189387	20,75858267	15,22158673	miR-219-1	mir-219	Decreased	Hippocampus	Adult male rats	Chronic stress (repeated immobilisation)	Meerson et al. 2010
vvu-mir-219-2	5p	5,051202962	6,881951847	14,12701352	5,543189387	20,75858267	15,22158673							
vvu-mir-34b	3p	23,81281396	8,289623815	18,88720286	27,07634816	34,28131652	16,33783642	miR-34b	miR-34	Increased	Hippocampus	20–22 day old male Sprague-Dawley rats	200 or 300 ppm Pb(AC)2 in unrestricted deionized drinking water for 8 weeks	An et al. 2014
								miR-34b	miR-34	Increased	Hippocampus	Adult male Wister rats	Injections of cocaine hydrochloride	Chen et al. 2013

Окончание таблицы

miRNA	precursor arm containing mature miRNA	mature miRNA expression level in RPM						Data from Sharon L. Hollins, Murray J. Cairns "MicroRNA: Small RNA mediators of the brains genomic response to environmental stress"						
		domisticated group			aggressive group									
		FoxD1	FoxD2	FoxD3	FoxA1	FoxA2	FoxA3	miRNA	Family	Expression	Brain Region	Species	Model	Reference
vvu-mir-376a	3p	1,804001058	1,564079965	1,381990453	1,598996939	1,423445669	2,435453876	miR-376a	miR-368	Decreased	Hippocampus	Adult male rats	Chronic stress (repeated immobilisation)	Meerson et al. 2010
vvu-mir-423a	5p	6512,083019	1992,950692	3942,818763	3404,157882	3938,199683	1650,121478	miR-423*	miR-423	Increased	Hippocampus	Adult male Wister rats	Injections of cocaine hydrochloride	Chen et al. 2013
vvu-mir-449a	5p	0,902000529	0,46922399	0,767772474	1,065997959	1,067584251	2,333976631	miR-449a	miR-449	Increased	Hippocampus	20–22 day old male Sprague-Dawley rats	200 or 300 ppm Pb(AC)2 in unrestricted deionized drinking water for 8 weeks	An et al. 2014
vvu-mir-9	5p	20317,38151	67100,75099	44926,66698	38220,39742	27465,26555	44444,39483	miR-9	mir-9	Increased	Hippocampus	Adult male Wister rats	Injections of cocaine hydrochloride	Chen et al. 2013
								miR-9-1	mir-9	Decreased	Hippocampus	Adult male rats	Acute stress (4-h immobilisation)	Meerson et al. 2010
								miR-9-1	mir-9	Decreased	Hippocampus	Adult male rats	Chronic stress (repeated immobilisation)	Meerson et al. 2010
vvu-mir-26b	5p	865,1989074	1615,851012	1439,726943	1301,796708	1453,456648	2086,067722	miR-26b	miR-26	Increased	Hippocampus	Adult male Wister rats	Injections of cocaine hydrochloride	Chen et al. 2013
vvu-mir-494	3p	1,262800741	0,46922399	3,53175338	1,705596734	1,779307086	0,710340714	miR-494	miR-154	Decreased	Hippocampus	20–22 day old male Sprague-Dawley rats	200 or 300 ppm Pb(AC)2 in unrestricted deionized drinking water for 8 weeks	An et al. 2014
vvu-mir-23a	3p	47,26482772	56,93251073	74,93459346	56,92429101	49,8205984	83,10986353	miR-23a	miR-23	Increased	Hippocampus	Adult male rats	Chronic stress (repeated immobilisation)	Meerson et al. 2010