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Supplement Table 1. miRNA annotation			
microRNA	miRBase version	mature miRNA sequence	star miRNA sequence
spu-miRDeep2-5317	-	gcgaagucgucacugcaacauu	uguuacagugccgacgucaagc
spu-miRDeep2-26201	bfl-miR-29a	uagcaccaugagaaaagcaguau	acuguuuuauuuggugcaua
spu-miRDeep2-30364	bfl-miR-92a	uauugcacucucccgccuuu	agggcgaggcuuguguaauccu
spu-miRDeep2-35240	bfl-miR-92a	uauugcacuuaccccgccuuu	aggucguggugagugcaauuguu
spu-miR-31	bfl-miR-31	aggcaagauugugcauagcug	agcugugucuucacugccaau
spu-miR-2012	hsa-miR-1278	uaguacuggcacauaggacauug	auguucacuguccguacugcc
spu-miR-1	bfl-miR-1	uggaauuguaaagaaguauuguau	acauacuucuuuagaauuccaua
spu-miR-184	bfl-miR-184	uggcaggagaacugauaagggc	ccuuaucauucucuugcccggcc
spu-miR-71	bfl-miR-71	ugaaagacauggguagugagauu	ucucacauuucuguuuuucccc
spu-miR-219	bfl-miR-219	ugauuguccgaacgcaauucuuug	agaacugugucaggacaucagu
spu-miR-2007	-	uauuucaggcagauuacuggua	accuguugcuaccugaaauuaau
spu-miR-2007	-	uauuucaggcagauuacuggua	accuguugcuaccugaaauuaau
spu-miR-92a	bfl-miR-92a	uauugcacuugucccgccuac	aggucgugacugugcccaauuu
spu-miR-252b	bfl-miR-252b	cuaaguaguagucccgaggua	ccuguacacggcuacuacau
spu-miR-2011	-	ccaaggugugcuagugaugaca	cagucacuaccacacuuucggug
spu-miR-2001	-	augugaccgauuaauagggcac	uccagauuagcggugacauga
spu-miR-92c	bfl-miR-92a	uauugcacucugucccgccugc	uggucgugaggaguugcauuug
spu-miR-242	cel-miR-242	uugcgaggcgugugcacagu	ugugcaucucacuccaguuuu
spu-miR-92b	bfl-miR-92a	uauugcacuugucccgccugc	aagucggaccgagcgcaauuu
spu-miR-34	bfl-miR-34	cggcaguguaguugcugguug	accagcuugcugcagggcccca
spu-miR-2009	-	ugaguugucccacaagaacac	gguuuuuguggaacagcuccug
spu-miR-2008	-	guauuaacaauuggcugauga	aucagccucgcugucaauacga
spu-miR-182	hsa-miR-182	uuuggcaauugauagaauucacacu	gugguucucucauugccaagcc
spu-miR-2002	-	ugaauacaucugcugguuuuuau	aagaccaacagguguuauucuca
spu-miR-125	bfl-miR-125	ucccugagaccuuaacuuguga	acagguugguauucaggaauu
spu-miR-7	bfl-miR-7	uggaagacuagugauuuuguugu	aaaaaauacucugcgccacug
spu-miR-2013	bfl-miR-2013	ugcagcaugauguaguggugu	cgccgcuacaucuaguugcauu
spu-miR-96	bfl-miR-96	uuuggcacuaagcacaauuugc	aagauauguuuguccaagcca
spu-miR-10	bfl-miR-10a	aaccucuagauccgaauuuuguu	cagauucguauucuggguaac
spu-miR-183	bfl-miR-183	uauggcacuauagaauucacug	gcugguucacagugccaauugca
spu-miR-124	bfl-miR-124	uaaggcacgcggugaaugccaa	aguguucacugugauccuugau
spu-miR-200	hsa-miR-487a	caucauacuggacagcauugga	uaauacugucuggugaugauuu
spu-miR-9	bfl-miR-9	ucuuugguuauucugcuuga	auaaagcuagguuaccaagaua

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spu-miR-33	bfl-miR-33	gugcauugucguugcauugcau	uagugcaagaacagugcaauau
spu-miR-137	hsa-miR-137	uuauugcuugagaauacacgu	agguaauucucgagugaauaaua
spu-miR-375	hsa-miR-375	uuuguucguucggcucgcguca	gcacgagcucaacgugcaaaac
spu-miR-2003	bfl-miR-100	aacccguaaggucuaaacuugu	acagguaaugcccuuggguag
spu-let-7	bfl-let-7	ugagguaguagguuauauaguu	cuauacagccugcuagcuuucc
spu-miR-153	bfl-miR-2061	uugcauagucacaaaagugauu	ucauuuuuguguuuugcaacu
spu-miR-2004	-	ucacacacaaccacaggaaguu	cuuucuguggcugucguguaag
spu-miR-210	-	cuugugcugugcgacagcgacuga	uugcugucacgcggcacaagag
spu-miR-2010	-	uuacuguugaugucagcccuu	gggcugguuucuccaguaauu
spu-miR-137	hsa-miR-137	uuauugcuugagaauacacgu	gggucacucaccgucggaca
spu-miR-2013	bfl-miR-2013	ugcagcaugauguaguggugu	accauuccaaccagccggcauc
spu-miR-92b	bfl-miR-92a	uauugcacuuguccggccugc	agcaacguaagggaucuuuauu

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microRNA	precursor miRNA sequence
spu-miRDeep2-5317	gcgaagcugcucacugcaacauuguuugaauagacaaaagccauguuacagugccgacgucaagc
spu-miRDeep2-26201	acuguuuucuaauuggugcauagaguccuuguuuuacuucucuaagcaccaugagaaaagcaguau
spu-miRDeep2-30364	agggcgaggcuuguguaauccuguguuuauugaauggccaguauugcacucacccccggccuuu
spu-miRDeep2-35240	aggucguggugagugcaauguucugugucucgaaugaaaauauugcacuuacccccggcuuau
spu-miR-31	aggcaagauguuggc cauagcugugauuuaaaauuaacccagcugugucuucauacugccauu
spu-miR-2012	uaguacuggcauauaggacauuguguuaauaacuuacucucaauguucacuguccguacugcc
spu-miR-1	acauacuucuuuagaauuccauacugaauccuccuacacucuauggaauguaaagaaguauuguau
spu-miR-184	ccuuaucauucucucugcccgccgaauacuauuguuuauugaaaauugcguggacggaacugauaagggc
spu-miR-71	ugaaagacauggguagugagauuugacuaucaaaaacaauccacuaauucuguuuuuucccc
spu-miR-219	ugauuguccgaacgcaauucucugugaauuuccuagucaagaacuguguacggacacugau
spu-miR-2007	uauuucaggcagauuacugguaaaggguuuuauuugcaccuucuuaccugugcuaccugaaaauuau
spu-miR-2007	uauuucaggcagauuacugguaaaggguuuuauuugcaccuucuuaccugugcuaccugaaaauuau
spu-miR-92a	aggucgugacucugugcccaauuucaguguuacugcacaucaauauugcacuugucccgccuac
spu-miR-252b	cuaaguaguagugccgaggguacugauuuuuuagugauaccguacacggcuacuuacau
spu-miR-2011	cagucacuaaccacaccuucgugugcuuuuuauagcuucaccaaggugugcuagugaugaca
spu-miR-2001	augugaccgauauaaugggcaugaauaaucaugaucaauuguccagauuagcggugacaauga
spu-miR-92c	uggucgugaggagugcgaauuuguccacaugauaauaaucaucauauugcacucgucggcgccugc
spu-miR-242	uugcguaaggcguugugcacaguguuucuuuuuacaaauugugcaucucauccacguaaaau
spu-miR-92b	aagucggaccgagcgcaauguuguuucccuauuaggguuuuucgaauuugcacuuguccggccugc
spu-miR-34	cggcaguguauguuagcugguuguuuuucgaccauacaccaaccagcuugcugcaggggcccca
spu-miR-2009	gguuuuuugggaacagcuccugugaauuuauaagaccaugaguugucccacaagaacac
spu-miR-2008	guauuaacaauugggcugaugagggaauucuuaugaaccaucagccucgugucaauacga
spu-miR-182	uuuggcaauugauagaaauacacuguaaccucauuuauugaaucagugguucucucauugccaagcc
spu-miR-2002	aagaccaacaggguuauuucucaugugugauguacagauucugaaucacucugcugguuuuuau
spu-miR-125	ucccugagaccuuaacucugugaugugcuuuuaucaaaucacacagguugguauucucaggaauu
spu-miR-7	uggaagacuagugauuuuguuguugugaauugcaagaacuaacaaaaaacacugucggccacug
spu-miR-2013	cgccgcuaacaucauguugcauugugacgucuguuucagggaaaugcagcaugauguaggguguu
spu-miR-96	uuuggcacuagcacauuuugcuguaaccucgaagaggcucuuugcugugcaagauauguuuguccaagcca
spu-miR-10	aaccucguagauccgaauuuuguguccgaguuucucgccucugguagucacagauucguaucucuggguaac
spu-miR-183	uauggcacuaugaauucacuguguguuuguguugccauagguaacagcugguucucacagugccauugca
spu-miR-124	aguguacacugugaucuuugauuuuauuucuaaaaacaauuaaggcacgcggugaauugccaa
spu-miR-200	caucauacuggacagcauuggacgugauggaucguucucuaauacugucugggugaugauguu
spu-miR-9	ucuuuugguuaucaugcuguaugagugaugucaauugcaucauaaagcuagguuaccaaagaua

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spu-miR-33	gugcauugucguugcauugcaugugucucuauaccccuauaguagugcaagaacagugcaauau
spu-miR-137	agguauucucgagugaaauaacagaaaagccugauguuauugcuugagaauacacgu
spu-miR-375	gcacgagcuacacgugcaaaacuugagauaaggucagcuguucggcugccgcuaacaugcuguuuuguucguucggcucgcguca
spu-miR-2003	aaccguaaggucuaacuugugcuggaguuacaaguacacagguuaugccuuuggguag
spu-let-7	ugagguaguagguuuauauaguuuuggagauacacucaauggcgauagcuauacagccugcuagcuuucc
spu-miR-153	ucauuuuuguguuuauagcaacuuguauuuucacccgaucagaguaguugcauagucacaaaagugauu
spu-miR-2004	cuuucuguggcugucguguuaagugugauucuaugaagacacuucacacacaaccacaggaaguu
spu-miR-210	uugcugucacgcggcacaaagagagcaaucaugucuauacacucuugugcuggcgacagcgacuga
spu-miR-2010	gggcugguuuccaguaauuuuguauucuauuauagcaucaaauacuguugaugucagccccuu
spu-miR-137	uuauugcuugagaauacacguaguauacgggucacucaccgcuggaca
spu-miR-2013	ugcagcaugauguaguggugagcucaguaagaccuuuccaaccagccggcauc
spu-miR-92b	uauugcacuugucccgccugcucucaacacccaaaucaucggcagcaacguaggggcauucuuuu