

microRNA	organ	human sequence	mouse homology	rat homology	horse homology
miR-122-5p	Liver	uggagugugacaauggguguuug	OK	OK	OK
miR-192-5p	Liver	cugaccuaugaauugacagcc	OK	OK	OK
miR-30a-5p	Kidney	uguaaacauccucgacuggaag	mismatch at Pos. 13	mismatch at Pos. 13	mismatch at Pos. 13
miR-146b-5p	Kidney	ugagaacugaauuccauaggcu	OK	mismatch at Pos. 23, 24	OK
miR-150-5p	Brain	ucucccaacccuuguaccagug	OK	OK	OK
miR-124-3p	Brain	uaaggcacgcggugaaugcc	OK	OK	OK
miR-9-5p	Brain	ucuuugguuaucuagcuguauga	OK	OK	OK
miR-34a-5p	Heart	uggcagugucuuagcugguugu	OK	OK	OK
miR-208a-3p	Heart	auaagacgagcaaaaagcuugu	mismatch at Pos. 19 -22	mismatch at Pos. 19 -22	mismatch at Pos. 19 -22
miR-499a-5p	Heart	uuaagacuugcagugauguuu	OK	OK	OK
miR-133a-3p	Muscle	uuugguccccuucaccagcug	OK	OK	OK
miR-210-3p	Lung	cugugcgugugacagcggcuga	OK	OK	no homologous miRNA
miR-422a	Lung	acuggacuaggguccagaaggc	mismatch at Pos. 10 -12 and 22	mismatch at Pos. 10-12 and 22	no homologous miRNA
miR-155-5p	Lung	uuaaugcuaaucgugauaggggu	OK	OK	OK
miR-216a-5p	Pancreas	uaaucucagcuggcaacuguga	OK	OK	OK
miR-126-3p	Vessel	ucguaccgugaguaauaaugcg	OK	OK	OK
miR-21-5p	EDCs	uagcuuaucaagacugauguuga	OK	OK	OK
let-7f-5p	EDCs	ugagguaguagauuguauaguuu	OK	OK	OK
miR-146a-5p	EDCs	ugagaacugaauuccauggguu	OK	OK	OK
miR-23a-3p	Control	aucacauugccagggaauucc	OK	OK	OK
miR-451a	Control	aaaccguuaccauuacugaguu	OK	OK	OK