

Additional file 3: Table S2. Full list of identified miRNA sequences in this study.

miRNA	Arm	Start	Stop	Chr	Strand	Start(pre)	Stop(pre)	Assignment	Sequence
MIR125	5p	4726198	4726219	scaffold_3	plus	4726163	4726380	mature1	AACCACCTGGAGCTGTGGATGG
MIR126	3p	805580	805600	scaffold_39	minus	805533	805783	mature1	AAGAAGTCCAACCCAGCGGGA
MIR127	5p	486015	486036	scaffold_53	minus	485815	486046	mature2	ACCGACCGTTTGGGGCCCATTA
MIR128	3p	3611562	3611581	scaffold_5	minus	3611556	3611879	mature3	ACGCATAGACATAGACATGT
MIR129	5p	1495329	1495349	scaffold_3	plus	1495303	1495399	mature1	ACGGGTTACCAGGTTGGTCA
MIR130	3p	10194	10214	scaffold_3	plus	10041	10233	mature1	AGCAGCGGTACACGACCCGGT
MIR130*	5p	10063	10082	scaffold_3	plus	10041	10233	star1	TGGTCTGATATCGCTGCTC
MIR131	5p	343927	343948	scaffold_62	plus	343925	343990	mature1	AGGGATTGGTTCGGGTACCGG
MIR132	3p	7202337	7202360	scaffold_1	minus	7202286	7202667	mature3	AGTAGACGAGAACGCACTCAGGAA
MIR133	5p	110377	110398	scaffold_81	minus	110176	110519	mature2	ATCTTCGTAGGCCATGAAGGCC
MIR134	3p	1279127	1279147	scaffold_27	minus	1279066	1279381	mature1	ATGGAAATGCCGACTTGGGTT
MIR134*	5p	1279334	1279355	scaffold_27	minus	1279066	1279381	star1	ACCAAGTCGGCATTTCATGCG
MIR135a	3p	31072	31093	scaffold_15	minus	31055	31256	mature1	ATGGCGACGGTGGCAGTGGCGA
MIR135a*	5p	31220	31240	scaffold_15	minus	31055	31256	star1	TGCCATTGCTGCCCTCGCCA
MIR135b	3p	102568	102589	scaffold_50	minus	102566	102675	mature1	ATGGCGACGGTGGCAGTGGCGA
MIR135b*	5p	102649	102669	scaffold_50	minus	102566	102675	star1	TGCCGCTGTGCCATCCCTGC
MIR135c	3p	468240	468261	scaffold_38	minus	468202	468446	mature1	ATGGCGACGGTGGCAGTGGCGA
MIR135c*	5p	468388	468408	scaffold_38	minus	468202	468446	star1	TGCCATTGCGCGCTCGCCA
MIR136	3p	4726355	4726375	scaffold_3	plus	4726163	4726380	mature2	CAAATCTCTGCAAGGCACGGA
MIR137	5p	366807	366827	scaffold_67	minus	366629	366893	mature1	CATGTGGATGCTGTATTGTCA
MIR137*	3p	366695	366716	scaffold_67	minus	366629	366893	star1	TGACAATACAGCATCCACATGT
MIR138	3p	275506	275526	scaffold_38	plus	275353	275551	mature1	CCAAACGGTCGGTAACCGGCA
MIR138*	5p	275371	275391	scaffold_38	plus	275353	275551	star1	TAAACATGCCGGTACCAGCC
MIR139	3p	150722	150743	scaffold_74	minus	150629	150848	mature2	CCATGGCGCTCGTGACGGAGGT
MIR140	3p	1326333	1326355	scaffold_2	minus	1326323	1326644	mature2	CCCACGACATCGGCCAGCTGGTT
MIR141	3p	2460	2481	scaffold_966	plus	2310	2517	mature1	CCCTTTAGGGGAAGAGGGGGA
MIR142a	5p	953294	953315	scaffold_38	plus	953249	953383	mature1	CCCTAAAGGGGAACATAAGGGG
MIR142a*	5p	953261	953283	scaffold_38	plus	953249	953383	star1	CCCTTTGGTCCCTTTAGGGGA
MIR142b	3p	7444	7466	scaffold_80	minus	7432	7506	mature1	CCCTAAAGGGGAACATAAGGGG
MIR142b*	5p	7477	7499	scaffold_80	minus	7432	7506	star1	CCCTTTGGTCCCTTTAGGGGA
MIR142c	3p	1055790	1055812	scaffold_19	plus	1055740	1055860	mature1	CCCTAAAGGGGAACATAAGGGG
MIR143	5p	75172	75192	scaffold_11	plus	75139	75230	mature1	CCCTTTAGGGGAAGAGGGGGA
MIR144	3p	10309626	10309653	scaffold_1	plus	10309579	10309660	mature1	CCCTTTAGGGGATGAAGAACTAAAGGGG
MIR145	3p	10309885	10309907	scaffold_1	plus	10309809	10309921	mature1	CCCTTTAGTTCCCTTTAGGGGA
MIR145*	5p	10309828	10309850	scaffold_1	plus	10309809	10309921	star1	AGGGGACGAACTAAAGGGGAC
MIR146	5p	219373	219395	scaffold_54	minus	219336	219400	mature1	CCCTTTGGTCCCTAAAGGGGGA
MIR147	5p	1901494	1901515	scaffold_20	minus	1901332	1901534	mature2	CGGTTACCAGCCGTTCCGGGGC
MIR148	5p	1697868	1697889	scaffold_3	plus	1697828	1698039	mature1	GGAACATAGTCGACAGTGTGT
MIR148*	3p	1697981	1698001	scaffold_3	plus	1697828	1698039	star1	CAAGCACTGCGACTAGTTTTCG
MIR149	3p	3611656	3611677	scaffold_5	minus	3611556	3611879	mature2	CGGAAGAACTTTGACAGCATT
MIR150	3p	1901335	1901356	scaffold_20	minus	1901332	1901534	mature1	CGGCTGTTTATGCCATAGGGC
MIR151	5p	12358	12380	scaffold_18	minus	12152	12423	mature2	CTGTACCGGAGCACCCACCTGGC
MIR152	5p	169276	169295	scaffold_28	plus	169217	169357	mature1	CTGTCTGAGCATAATAAGCT
MIR153	5p	2517150	2517169	scaffold_17	minus	2517118	2517176	mature1	CTGTCTGAGCATAATTTTAG
MIR154	3p	379961	379981	scaffold_8	minus	379870	380165	mature2	GAAATAGAATGGACTCCGTTT
MIR155a	5p	21735	21757	scaffold_39	plus	21702	22029	mature1	GCAGGGTAGGCTCCGGCAGTGCC
MIR155b	5p	476082	476104	scaffold_17	plus	476049	476360	mature1	GCAGGGTAGGCTCCGGCAGTGCC
MIR156	3p	1397467	1397486	scaffold_31	minus	1397432	1397636	mature1	GGAGGGCGGTGTTGGGCTGG
MIR157	5p	63843	63866	scaffold_85	minus	63583	63928	mature2	GGCGGCTGGACAGGATTGCTCCGT
MIR158	3p	1728500	1728522	scaffold_27	plus	1728277	1728550	mature2	TGTTGGGAGCCGCTGCACAACCT
MIR158*	5p	1728309	1728329	scaffold_27	plus	1728277	1728550	star2	TTGTGACAGCGCTCCCCACC
MIR159	3p	3826986	3827005	scaffold_5	plus	3826655	3827079	mature1	TAAAGAAAGAGATCGTGGGG
MIR159*	5p	3826732	3826752	scaffold_5	plus	3826655	3827079	star1	CCACGATCTCTCTTTAGCT
MIR160	3p	324188	324209	scaffold_51	plus	323928	324247	mature1	TAAAGACTCGTAACTGAGG
MIR160*	5p	323969	323991	scaffold_51	plus	323928	324247	star1	TCAGGTTAGCGAGTCTTTAGCA
MIR161	5p	326778	326798	scaffold_23	plus	326756	327011	mature1	TAAACATGCCGGTACCAGCC
MIR162	5p	238423	238445	scaffold_13	plus	238352	238683	mature2	TAAACTTGCAGGACGCTAACCTT
MIR163	3p	1809887	1809908	scaffold_27	minus	1809869	1810180	mature1	TAAAGGAACTCCGTACGCGA
MIR163*	5p	1810140	1810161	scaffold_27	minus	1809869	1810180	star1	TCCGTACGGAGCCCTTTACG
MIR164a	5p	626328	626348	scaffold_7	minus	626265	626356	mature1	TAACAAGGCGGTGGGGCTCC
MIR164b	5p	172821	172841	scaffold_1	minus	172757	172847	mature1	TAACAAGGCGGTGGGGCTCC
MIR164c	5p	285557	285577	scaffold_60	minus	285442	285585	mature1	TAACAAGGCGGTGGGGCTCC
MIR164d	5p	1439653	1439673	scaffold_29	minus	1439549	1439679	mature1	TAACAAGGCGGTGGGGCTCC
MIR165	3p	283792	283811	scaffold_55	plus	283509	283879	mature1	TAACAGGTCGGAGCGAAGC
MIR165*	5p	283631	283650	scaffold_55	plus	283509	283879	star1	TTCCGCTCCGACCTGGTTACT
MIR166	3p	552290	552310	scaffold_40	minus	552236	552619	mature1	TAACGACGCTGTGAGTTTACT
MIR166*	5p	552437	552459	scaffold_40	minus	552236	552619	star1	TAAACTCATGACGCTGCTTTAAG
MIR167a	3p	122671	122690	scaffold_80	plus	122573	122706	mature1	TAACGGACAGCATAGGACGG
MIR167b	3p	1084772	1084791	scaffold_4	minus	1084755	1084836	mature1	TAACGGACAGCATAGGACGG
MIR167c	3p	656905	656924	scaffold_9	plus	656859	656940	mature1	TAACGGACAGCATAGGACGG
MIR167d	3p	1462634	1462653	scaffold_7	plus	1462588	1462669	mature1	TAACGGACAGCATAGGACGG
MIR167e	3p	1462605	1462624	scaffold_7	minus	1462585	1462672	mature1	TAACGGACAGCATAGGACGG
MIR167f	3p	656876	656895	scaffold_9	minus	656859	656940	mature1	TAACGGACAGCATAGGACGG
MIR168	3p	239481	239502	scaffold_47	minus	239480	239887	mature2	TAACGGCTGCTTGAAGACAC
MIR168*	5p	239862	239883	scaffold_47	minus	239480	239887	star2	TCTTGAAGCAGGCCGTTAGTG

MIR169	3p	14115811	14115833 scaffold_1	minus	14115752	14115955 mature1	TAACGGTCGGTTGGGTTAATGGG
MIR170	3p	239511	239533 scaffold_47	minus	239480	239887 mature1	TAAGAGACTTGGTCTACACATGC
MIR170*	5p	239837	239858 scaffold_47	minus	239480	239887 star1	TAGCATGTGTAGACCAAGTCTC
MIR171	5p	469947	469969 scaffold_38	minus	469890	470021 mature1	TAAGCCAAGCCGTCTCAAGACCC
MIR172	3p	125051	125071 scaffold_58	minus	125033	125161 mature1	TAAGCTTGTGAGTTGGTGGCC
MIR173a	5p	972574	972594 scaffold_8	plus	972518	972804 mature1	TAATATGGGTTGGAGTTGGGC
MIR173b	5p	972730	972750 scaffold_8	minus	972518	972805 mature1	TAATATGGGTTGGAGTTGGGC
MIR174	3p	515656	515676 scaffold_44	minus	515628	515796 mature1	TAATGCCAAAGGACGTGTGGC
MIR175a	3p	1815827	1815847 scaffold_13	plus	1815684	1815876 mature1	TACAGTCGAGTACGGCACTTC
MIR175a*	5p	1815718	1815736 scaffold_13	plus	1815684	1815876 star1	TGCCGCTACTCGACTGTACC
MIR175b	3p	1815714	1815734 scaffold_13	minus	1815684	1815876 mature1	TACAGTCGAGTACGGCACTTC
MIR175b*	5p	1815825	1815843 scaffold_13	minus	1815684	1815876 star1	TGCCGCTACTCGACTGTACC
MIR176	5p	646274	646296 scaffold_6	minus	646139	646300 mature1	TACAGTCTCCCCCTCTGAAGCG
MIR177	5p	114085	114105 scaffold_49	minus	113928	114160 mature1	TACCCAGGAATGTGTTGCTCA
MIR178a	5p	1420751	1420772 scaffold_26	plus	1420750	1420919 mature1	TACCGACCGTTTGGGGCCATT
MIR178a*	3p	1420883	1420904 scaffold_26	plus	1420750	1420919 star1	TGGGCCCCAAACGGTCGGTAAC
MIR178aa	5p	125131	125152 scaffold_15	minus	124943	125208 mature1	TACCGACCGTTTGGGGCCATT
MIR178aa*	3p	124998	125019 scaffold_15	minus	124943	125208 star1	TGGGCCCCAAACGGTCGGTAAC
MIR178ab	5p	257016	257037 scaffold_47	plus	256973	257190 mature1	TACCGACCGTTTGGGGCCATT
MIR178ab*	3p	257148	257169 scaffold_47	plus	256973	257190 star1	TGGGCCCCAAACGGTCGGTAAC
MIR178ac	5p	76066	76087 scaffold_95	minus	75912	76110 mature1	TACCGACCGTTTGGGGCCATT
MIR178ac*	3p	75934	75955 scaffold_95	minus	75912	76110 star1	TGGGCCCCAAACGGTCGGTAAC
MIR178ad	5p	1996409	1996430 scaffold_14	minus	1996255	1996453 mature1	TACCGACCGTTTGGGGCCATT
MIR178ad*	3p	1996277	1996298 scaffold_14	minus	1996255	1996453 star1	TGGGCCCCAAACGGTCGGTAAC
MIR178ae	5p	8480	8501 scaffold_141	plus	8454	8640 mature1	TACCGACCGTTTGGGGCCATT
MIR178ae*	3p	8596	8617 scaffold_141	plus	8454	8640 star1	TGGGCCCCAAACGGTCGGTAAC
MIR178af	5p	11645	11666 scaffold_115	plus	11621	11803 mature1	TACCGACCGTTTGGGGCCATT
MIR178af*	3p	11761	11782 scaffold_115	plus	11621	11803 star1	TGGGCCCCAAACGGTCGGTAAC
MIR178ag	5p	452131	452152 scaffold_31	plus	452107	452305 mature1	TACCGACCGTTTGGGGCCATT
MIR178ag*	3p	452263	452284 scaffold_31	plus	452107	452305 star1	TGGGCCCCAAACGGTCGGTAAC
MIR178ah	5p	1996279	1996300 scaffold_14	plus	1996255	1996453 mature1	TACCGACCGTTTGGGGCCATT
MIR178ah*	3p	1996411	1996432 scaffold_14	plus	1996255	1996453 star1	TGGGCCCCAAACGGTCGGTAAC
MIR178ai	5p	692129	692150 scaffold_31	minus	691973	692175 mature1	TACCGACCGTTTGGGGCCATT
MIR178ai*	3p	691997	692018 scaffold_31	minus	691973	692175 star1	TGGGCCCCAAACGGTCGGTAAC
MIR178aj	5p	2823600	2823621 scaffold_14	minus	2823446	2823644 mature1	TACCGACCGTTTGGGGCCATT
MIR178aj*	3p	2823468	2823489 scaffold_14	minus	2823446	2823644 star1	TGGGCCCCAAACGGTCGGTAAC
MIR178ak	5p	2215802	2215823 scaffold_20	minus	2215648	2215846 mature1	TACCGACCGTTTGGGGCCATT
MIR178ak*	3p	2215670	2215691 scaffold_20	minus	2215648	2215846 star1	TGGGCCCCAAACGGTCGGTAAC
MIR178al	5p	340368	340389 scaffold_62	minus	340214	340412 mature1	TACCGACCGTTTGGGGCCATT
MIR178al*	3p	340236	340257 scaffold_62	minus	340214	340412 star1	TGGGCCCCAAATGGTCGGTAAC
MIR178am	5p	98374	98395 scaffold_42	plus	98367	98531 mature1	TACCGACCGTTTGGGGCCATT
MIR178am*	3p	98506	98527 scaffold_42	plus	98367	98531 star1	TGGGCCCCAAACGGTCGGTAAC
MIR178an	5p	117275	117296 scaffold_84	minus	117121	117319 mature1	TACCGACCGTTTGGGGCCATT
MIR178an*	3p	117143	117164 scaffold_84	minus	117121	117319 star1	TGAGCCCCAAACGGTCGGTAAC
MIR178ao	5p	2924148	2924169 scaffold_11	plus	2924122	2924325 mature1	TACCGACCGTTTGGGGCCATT
MIR178ao*	3p	2924281	2924302 scaffold_11	plus	2924122	2924325 star1	TGGGCCCCAAACGGTCGGTAAC
MIR178ap	5p	21956	21977 scaffold_95	minus	21818	22000 mature1	TACCGACCGTTTGGGGCCATT
MIR178aq	5p	2513212	2513233 scaffold_11	minus	2513058	2513256 mature1	TACCGACCGTTTGGGGCCATT
MIR178aq*	3p	2513080	2513101 scaffold_11	minus	2513058	2513256 star1	TGGGCCCCAAACGGTCGGTAAC
MIR178ar	5p	68124	68145 scaffold_100	minus	67970	68168 mature1	TACCGACCGTTTGGGGCCATT
MIR178ar*	3p	67992	68013 scaffold_100	minus	67970	68168 star1	TGGGCCCCAAACGGTCGGTAAC
MIR178as	5p	8594	8615 scaffold_141	minus	8437	8640 mature1	TACCGACCGTTTGGGGCCATT
MIR178as*	3p	8478	8499 scaffold_141	minus	8437	8640 star1	TGGGCCCCAAACGGTCGGTAAC
MIR178at	5p	103309	103330 scaffold_14	minus	103105	103404 mature1	TACCGACCGTTTGGGGCCATT
MIR178at*	3p	103178	103199 scaffold_14	minus	103105	103404 star1	TGGGCCCCAAACGGTCGGTAAC
MIR178au	5p	125000	125021 scaffold_15	plus	124912	125239 mature1	TACCGACCGTTTGGGGCCATT
MIR178au*	3p	125133	125154 scaffold_15	plus	124912	125239 star1	TGGGCCCCAAACGGTCGGTAAC
MIR178b	5p	218352	218373 scaffold_60	minus	218198	218396 mature1	TACCGACCGTTTGGGGCCATT
MIR178b*	3p	218220	218241 scaffold_60	minus	218198	218396 star1	TGGGCCCCAAACGGTCGGTAAC
MIR178c	5p	411377	411398 scaffold_31	plus	411353	411535 mature1	TACCGACCGTTTGGGGCCATT
MIR178c*	3p	411493	411514 scaffold_31	plus	411353	411535 star1	TGGGCCCCAAACGGTCGGTAAC
MIR178d	5p	568536	568557 scaffold_27	minus	568379	568580 mature1	TACCGACCGTTTGGGGCCATT
MIR178d*	3p	568420	568441 scaffold_27	minus	568379	568580 star1	TGGGCCCCAAACGGTCGGTAAC
MIR178e	5p	86816	86837 scaffold_5	minus	86659	86860 mature1	TACCGACCGTTTGGGGCCATT
MIR178e*	3p	86700	86721 scaffold_5	minus	86659	86860 star1	TGGGCCCCAAACGGTCGGTAAC
MIR178f	5p	1036211	1036232 scaffold_11	minus	1036057	1036255 mature1	TACCGACCGTTTGGGGCCATT
MIR178f*	3p	1036079	1036100 scaffold_11	minus	1036057	1036255 star1	TGGGCCCCAAACAGTCGGTAAC
MIR178g	5p	691999	692020 scaffold_31	plus	691973	692175 mature1	TACCGACCGTTTGGGGCCATT
MIR178g*	3p	692131	692152 scaffold_31	plus	691973	692175 star1	TGGGCCCCAAACGGTCGGTAAC
MIR178h	5p	67994	68015 scaffold_100	plus	67970	68168 mature1	TACCGACCGTTTGGGGCCATT
MIR178h*	3p	68126	68147 scaffold_100	plus	67970	68168 star1	TGGGCCCCAAACGGTCGGTAAC
MIR178i	5p	411491	411512 scaffold_31	minus	411353	411535 mature1	TACCGACCGTTTGGGGCCATT
MIR178i*	3p	411375	411396 scaffold_31	minus	411353	411535 star1	TGGGCCCCAAACGGTCGGTAAC
MIR178j	5p	86702	86723 scaffold_5	plus	86659	86860 mature1	TACCGACCGTTTGGGGCCATT
MIR178j*	3p	86818	86839 scaffold_5	plus	86659	86860 star1	TGGGCCCCAAACGGTCGGTAAC
MIR178k	5p	568422	568443 scaffold_27	plus	568398	568580 mature1	TACCGACCGTTTGGGGCCATT
MIR178k*	3p	568538	568559 scaffold_27	plus	568398	568580 star1	TGGGCCCCAAACGGTCGGTAAC

MIR178l	5p	218222	218243 scaffold_60	plus	218198	218396 mature1	TACCGACCGTTTGGGGCCATT
MIR178l*	3p	218354	218375 scaffold_60	plus	218198	218396 star1	TGGGCCCCAAACGGTCGGTAAC
MIR178m	5p	84935	84956 scaffold_47	minus	84781	84979 mature1	TACCGACCGTTTGGGGCCATT
MIR178n	5p	75936	75957 scaffold_95	plus	75912	76110 mature1	TACCGACCGTTTGGGGCCATT
MIR178n*	3p	76068	76089 scaffold_95	plus	75912	76110 star1	TGGGCCCCAAACGGTCGGTAAC
MIR178o	5p	2924279	2924300 scaffold_11	minus	2924105	2924325 mature1	TACCGACCGTTTGGGGCCATT
MIR178o*	3p	2924146	2924167 scaffold_11	minus	2924105	2924325 star1	TGGGCCCCAAACGGTCGGTAAC
MIR178p	5p	2215672	2215693 scaffold_20	plus	2215648	2215847 mature1	TACCGACCGTTTGGGGCCATT
MIR178p*	3p	2215804	2215825 scaffold_20	plus	2215648	2215847 star1	TGGGCCCCAAACGGTCGGTAAC
MIR178q	5p	98504	98525 scaffold_42	minus	98365	98533 mature1	TACCGACCGTTTGGGGCCATT
MIR178q*	3p	98372	98393 scaffold_42	minus	98365	98533 star1	TGGGCCCCAAACGGTCGGTAAC
MIR178r	5p	486016	486037 scaffold_53	minus	485815	486046 mature1	TACCGACCGTTTGGGGCCATT
MIR178s	5p	255521	255542 scaffold_68	plus	255497	255695 mature1	TACCGACCGTTTGGGGCCATT
MIR178s*	3p	255653	255674 scaffold_68	plus	255497	255695 star1	TGAGCCCCAAACGGTCGGTAAC
MIR178t	5p	452261	452282 scaffold_31	minus	452107	452305 mature1	TACCGACCGTTTGGGGCCATT
MIR178t*	3p	452129	452150 scaffold_31	minus	452107	452305 star1	TGGGCCCCAAACGGTCGGTAAC
MIR178u	5p	3120029	3120050 scaffold_1	plus	3120005	3120203 mature1	TACCGACCGTTTGGGGCCATT
MIR178u*	3p	3120161	3120182 scaffold_1	plus	3120005	3120203 star1	TGAGCCCCAAACGGTCGGTAAC
MIR178v	5p	28980	29001 scaffold_95	plus	28956	29154 mature1	TACCGACCGTTTGGGGCCATT
MIR178v*	3p	29112	29133 scaffold_95	plus	28956	29154 star1	TGAGCCCCAAACGGTCGGTAAC
MIR178w	5p	2823470	2823491 scaffold_14	plus	2823446	2823644 mature1	TACCGACCGTTTGGGGCCATT
MIR178w*	3p	2823602	2823623 scaffold_14	plus	2823446	2823644 star1	TGGGCCCCAAACGGTCGGTAAC
MIR178x	5p	257146	257167 scaffold_47	minus	256992	257190 mature1	TACCGACCGTTTGGGGCCATT
MIR178x*	3p	257014	257035 scaffold_47	minus	256992	257190 star1	TGGGCCCCAAACGGTCGGTAAC
MIR178y	5p	117259	117280 scaffold_23	minus	117104	117303 mature1	TACCGACCGTTTGGGGCCATT
MIR178y*	3p	117127	117148 scaffold_23	minus	117104	117303 star1	TGGTCCCCAAACGGTCGGTAAC
MIR178z	5p	11759	11780 scaffold_115	minus	11621	11803 mature1	TACCGACCGTTTGGGGCCATT
MIR178z*	3p	11643	11664 scaffold_115	minus	11621	11803 star1	TGGGCCCCAAACGGTCGGTAAC
MIR179a	5p	37219	37240 scaffold_72	minus	37065	37263 mature1	TACCGACCGTTTGGGGCCATT
MIR180	3p	1960101	1960123 scaffold_11	minus	1960030	1960325 mature1	TACCGATCCATCCTAAGATGAGA
MIR181	5p	4061796	4061817 scaffold_1	plus	4061756	4062016 mature1	TACCGATCCTTCTGGTCTAG
MIR182	5p	46259	46279 scaffold_86	minus	46134	46314 mature1	TACCGATTACTGGGACGGT
MIR183	3p	1547438	1547458 scaffold_18	plus	1547226	1547549 mature2	TACCGCTGGACAGCATCTCGT
MIR184	5p	278395	278416 scaffold_63	plus	278359	278625 mature2	TACCGAAGACAGAAATAGACC
MIR185a	3p	1356152	1356174 scaffold_18	minus	1356052	1356368 mature2	TACGGGTGTACGGATGGAGGAGC
MIR185a*	3p	1356151	1356173 scaffold_18	minus	1356052	1356368 star2	ACGGGTGTACGGATGGAGGAGCT
MIR185b	3p	1356247	1356269 scaffold_18	plus	1356052	1356368 mature2	TACGGGTGTACGGATGGAGGAGC
MIR186	3p	71874	71894 scaffold_24	minus	71871	72120 mature1	TACGTCATCCATCGCCCTGTA
MIR186*	5p	72088	72107 scaffold_24	minus	71871	72120 star1	TGGATGACGTACACAACAAGG
MIR187	5p	6687	6707 scaffold_321	minus	6541	6736 mature2	TACGCTACTCATCAATGAGCT
MIR187*	3p	6542	6565 scaffold_321	minus	6541	6736 star1	TGGAAGCTGGGCTCTGGAGGCCATG
MIR188a	3p	1091753	1091774 scaffold_25	plus	1091660	1091795 mature1	TACTGACCCGGTACGACTTGGGA
MIR188b	3p	64438	64459 scaffold_68	plus	64345	64480 mature1	TACTGACCCGGTACGACTTGGGA
MIR189	3p	2393268	2393289 scaffold_16	minus	2393261	2393390 mature1	TACTGGTTCGCTACTGGGTCGC
MIR190	5p	116303	116323 scaffold_12	minus	115981	116328 mature1	TAGAAAGGGGATTAGTGCACC
MIR190*	3p	115983	116004 scaffold_12	minus	115981	116328 star1	TGCACTAATCCCTTTCTACCC
MIR191a	5p	2206742	2206763 scaffold_8	plus	2206685	2206889 mature1	TAGACGAGGAACCTGCCGAAGC
MIR191a*	3p	2206838	2206859 scaffold_8	plus	2206685	2206889 star1	TTCGGCAAGTTCCTCGTCTAGT
MIR191b	5p	2206836	2206857 scaffold_8	minus	2206685	2206890 mature1	TAGACGAGGAACCTGCCGAAGC
MIR191b*	3p	2206740	2206761 scaffold_8	minus	2206685	2206890 star1	TTCGGCAAGTTCCTCGTCTAGT
MIR192	3p	709607	709629 scaffold_12	plus	709380	709663 mature2	TAGACTTTTAGTCGGCTGCATCT
MIR193a	5p	169407	169428 scaffold_84	plus	169364	169612 mature1	TAGCAACTGGACTAGTTACTCC
MIR193a*	3p	169560	169581 scaffold_84	plus	169364	169612 star1	TAGTCCAGTTGCTAGGGGGGGG
MIR193b	5p	1699962	1699983 scaffold_26	plus	1699922	1700209 mature1	TAGCAACTGGACTAGTTACTCC
MIR193b*	3p	1700159	1700180 scaffold_26	plus	1699922	1700209 star1	TAGTCCAGTTGCTAGGGGGGGG
MIR193c	5p	84353	84374 scaffold_69	plus	84313	84590 mature1	TAGCAACTGGACTAGTTACTCC
MIR193c*	3p	84539	84560 scaffold_69	plus	84313	84590 star1	TAGTCCAGTTGCTAGGGGGGGG
MIR194	5p	176368	176389 scaffold_40	plus	176345	176593 mature2	TAGCCCGCTCACTGCCGTATT
MIR195	3p	123893	123913 scaffold_51	minus	123877	124081 mature1	TAGCGATGAGAGAAAGAGGC
MIR195*	5p	124042	124063 scaffold_51	minus	123877	124081 star1	TCTTCTCTCATCGCTACAGC
MIR196a	3p	1356130	1356151 scaffold_18	minus	1356052	1356368 mature1	TAGGACTCGGACTGCATGAAC
MIR196a*	5p	1356268	1356289 scaffold_18	minus	1356052	1356368 star1	TCATGCAGTCCCAGTCTTAGC
MIR196b	3p	1356270	1356291 scaffold_18	plus	1356052	1356368 mature1	TAGGACTCGGACTGCATGAAC
MIR196b*	5p	1356132	1356153 scaffold_18	plus	1356052	1356368 star1	TCATGCAGTCCCAGTCTTAGC
MIR197a	3p	20807	20829 scaffold_73	minus	20762	20908 mature1	TAGGGTGACTGGATGAGGGTGCC
MIR197a*	3p	20795	20814 scaffold_73	minus	20762	20908 star1	AGGGTGCCCGGAAATACCCG
MIR197b	3p	1244603	1244625 scaffold_13	minus	1244562	1244720 mature1	TAGGGTGACTGGATGAGGGTGCC
MIR198	5p	1276796	1276816 scaffold_23	minus	1276735	1276850 mature1	TAGGGTTAATGTAGGTGCGGG
MIR199	5p	226344	226365 scaffold_20	plus	226331	226446 mature1	TAGGTTAGGCACTACTGGTAGA
MIR200	3p	531757	531778 scaffold_43	minus	531715	531910 mature1	TAGTACGCGTGCACTCGTTAGG
MIR200*	3p	531851	531871 scaffold_43	plus	531715	531910 star1	TAACGAATGCACGCGTACTAT
MIR201	3p	7202339	7202361 scaffold_1	minus	7202286	7202667 mature1	TAGTAGACGAGAACGCCTCAGG
MIR201*	5p	7202590	7202612 scaffold_1	minus	7202286	7202667 star1	TGAGTGCGTTCTCGTCTACTACG
MIR202	3p	199862	199882 scaffold_16	minus	199852	200113 mature1	TAGTCAGGTCGCGCGCGGCA
MIR202*	3p	985651	985672 scaffold_16	minus	985594	985886 star1	TGCATGTCTTGATCCGCGCAGG
MIR203a	3p	284173	284194 scaffold_69	plus	284024	284225 mature1	TAGTCCAGTTGCTAGGGGGGGG
MIR203a*	5p	284061	284083 scaffold_69	plus	284024	284225 star1	CCCTTAGAAACTGGACTAGTAGC

MIR204	5p	1969966	1969988 scaffold_12	plus	1969908	1970111 mature1	TAGTCTCCGCCTGGCTGTTCACT
MIR204*	3p	1970053	1970072 scaffold_12	plus	1969908	1970111 star1	TGAACAGCCAGGCGGAGACT
MIR205	5p	1842371	1842392 scaffold_22	plus	1842233	1842611 mature1	TAGTTTATAACATTGGGTCGCC
MIR206	5p	1597988	1598008 scaffold_24	minus	1597782	1598074 mature2	TATACAAAACGCACAGACAGA
MIR207	5p	518665	518686 scaffold_25	minus	518459	518711 mature1	TATACCGACCGCGGATGCAGA
MIR207*	3p	518483	518504 scaffold_25	minus	518459	518711 star1	TGCATCCGCCGGTCGGTGTACT
MIR208	5p	104832	104854 scaffold_78	plus	104774	105084 mature2	TATATAGTAAACTCTTGAAAGG
MIR209	3p	1547334	1547353 scaffold_18	minus	1547266	1547511 mature1	TATCGCTGGACAGCATCTCG
MIR210	3p	964507	964528 scaffold_26	minus	964491	964684 mature1	TATCTCTGTAGAACAAAGCA
MIR210*	3p	964550	964573 scaffold_26	minus	964491	964684 star1	TCAGCTTGTCTGGATAACCTGCC
MIR211a	5p	1994393	1994414 scaffold_20	plus	1994272	1994615 mature1	TATCTTCGTAGGCCATGAAGGC
MIR211b	5p	63785	63806 scaffold_85	minus	63583	63928 mature1	TATCTTCGTAGGCCATGAAGGC
MIR212a	5p	120457	120477 scaffold_58	plus	120407	120575 mature1	TATGGATGTGTGTGAGATGCC
MIR212a*	3p	120503	120524 scaffold_58	plus	120407	120575 star1	TATGTCGCCACGTTTCTGGATG
MIR212b	5p	52159	52179 scaffold_78	plus	52109	52277 mature1	TATGGATGTGTGTGAGATGCC
MIR212b*	3p	52205	52226 scaffold_78	plus	52109	52277 star1	TATGTCGCCACGTTTCTGGATG
MIR212c	5p	1067343	1067363 scaffold_15	plus	1067293	1067461 mature1	TATGGATGTGTGTGAGATGCC
MIR212c*	3p	1067389	1067410 scaffold_15	plus	1067293	1067461 star1	TATGTCGCCACGTTTCTGGATG
MIR213	3p	1226993	1227015 scaffold_27	plus	1226679	1227017 mature2	TATGGTGCCTTCTCGTGAACCTC
MIR214	5p	193210	193229 scaffold_12	plus	193142	193502 mature1	TATGGTTGAGAGTAGATAGG
MIR214*	3p	193401	193422 scaffold_12	plus	193142	193502 star1	TCCTATCTACTCTCAACCACAA
MIR215	5p	1377999	1378020 scaffold_6	plus	1377942	1378255 mature1	TATTCCCGAACCAACACTGACG
MIR216	3p	208213	208234 scaffold_60	plus	207940	208287 mature1	TATTCCGAAGTCTGCAACTGC
MIR217	5p	1464555	1464574 scaffold_23	plus	1464526	1464786 mature1	TATTGTGGGCGGTACTGA
MIR217*	3p	1464740	1464760 scaffold_23	plus	1464526	1464786 star1	TCAGTACACCGCCACAATAG
MIR218a	3p	3336868	3336890 scaffold_4	minus	3336856	3337037 mature1	TATTACAGCGTCGCATCATT
MIR218b	3p	124488	124510 scaffold_86	minus	124478	124649 mature1	TATTTACAGCGTCGCATCATT
MIR219	3p	278549	278570 scaffold_63	plus	278359	278625 mature1	TATTTGTGGTTTCGGGAACGGG
MIR220	3p	3069987	3070008 scaffold_13	plus	3069817	3070075 mature1	TCAACTAACCCACCTTACCGGGG
MIR220*	5p	3069877	3069898 scaffold_13	plus	3069817	3070075 star1	CCGGTAAGGTGGTTAATTGAAG
MIR221	3p	237456	237475 scaffold_47	plus	237389	237493 mature1	TCAAGACCTGTCCACCATG
MIR222a	5p	1278084	1278104 scaffold_8	minus	1277838	1278126 mature1	TCAAGGCCAGACTGAAGACC
MIR222a*	3p	1277904	1277924 scaffold_8	minus	1277838	1278126 star1	TCAGTCTGGGCTTGAAGCGG
MIR222b	5p	1277909	1277929 scaffold_8	plus	1277854	1278157 mature1	TCAAGGCCAGACTGAAGACC
MIR222b*	3p	1278088	1278109 scaffold_8	plus	1277854	1278157 star1	TTCAGTCTGGGCTTGAAGCGG
MIR223	5p	176390	176410 scaffold_40	plus	176345	176593 mature1	TCAAGTGTTCGCGAATGTTGC
MIR224	5p	235621	235641 scaffold_61	minus	235413	235674 mature1	TCAAGTTCTCTGCAGTCATCA
MIR225	3p	1121323	1121344 scaffold_6	minus	1121305	1121548 mature1	TCACAGCCAGCGGAGAGATCGT
MIR225*	5p	1121526	1121547 scaffold_6	minus	1121305	1121548 star1	TGCATTGCGATCTCTCCGCTGG
MIR226a	5p	3025801	3025822 scaffold_1	minus	3025659	3025871 mature1	TCACCTCCGGATCAGCACGTGC
MIR226a*	3p	3025686	3025706 scaffold_1	minus	3025659	3025871 star1	TGCTGTGCCCTCACCTCCGGG
MIR226b	5p	12165	12186 scaffold_3	minus	12023	12235 mature1	TCACCTCCGGATCAGCACGTGC
MIR226b*	3p	12050	12070 scaffold_3	minus	12023	12235 star1	TGCTGTGCCCTCACCTCCGGG
MIR226c	3p	102605	102626 scaffold_81	plus	102299	102640 mature1	TCACCTCCGGATCAGCACGTGC
MIR227a	5p	1074853	1074874 scaffold_23	plus	1074837	1074982 mature1	TCACCTGCCACTGTGGCCTGG
MIR227a*	3p	1074906	1074925 scaffold_23	plus	1074837	1074982 star1	TGCTGTGGGCGAGTGTCTGC
MIR227b	5p	659427	659448 scaffold_31	minus	659319	659472 mature1	TCACCTGCCACTGTGGCCTGG
MIR227b*	3p	659376	659396 scaffold_31	minus	659319	659472 star1	TTGCTGTGGGCGAGTGTCTGC
MIR227c	3p	2129209	2129230 scaffold_12	plus	2129193	2129338 mature1	TCACCTGCCACTGTGGCCTGG
MIR227c*	3p	2129261	2129281 scaffold_12	plus	2129193	2129338 star1	TTGCTGTGGGCGAGTGTCTGC
MIR227d	5p	2794752	2794773 scaffold_1	plus	2794736	2794881 mature1	TCACCTGCCACTGTGGCCTGG
MIR227d*	3p	2794803	2794823 scaffold_1	plus	2794736	2794881 star1	TTTCTGTGGGCGAGTGTCTGC
MIR228	5p	390694	390715 scaffold_66	minus	390626	390733 mature1	TCCAGCGCGTGCATACGAGGG
MIR228*	3p	390665	390685 scaffold_66	minus	390626	390733 star1	CGTTTGAGGGGCTTGGTTGCG
MIR229	5p	1962932	1962951 scaffold_15	plus	1962924	1963123 mature1	TCAGAGGACACATGGAGT
MIR230	3p	199883	199903 scaffold_16	minus	199852	200113 mature2	TCAGCTGTCTCGTGAATTGG
MIR231	5p	183133	183155 scaffold_21	plus	183107	183328 mature1	TCAGGGCTCTAGTCGAGTATGG
MIR232	3p	985834	985856 scaffold_16	plus	985610	985871 mature2	TCAGGGTGGGAGCTAGCTACTGG
MIR233a	3p	538900	538921 scaffold_21	minus	538897	539004 mature1	TCATCGTTCGCCGCTGGCAGCA
MIR233b	3p	2680874	2680895 scaffold_3	plus	2680791	2680897 star1	TCATCGTTCGCCGCTGGCAGCA
MIR234	5p	815551	815572 scaffold_39	plus	815449	815678 mature1	TCATCGTTCAGGTCGGTGTCTGG
MIR234*	5p	815516	815536 scaffold_39	plus	815449	815678 star1	CACCGACAGGCTCCACAGTGG
MIR235	5p	1960103	1960125 scaffold_11	plus	1960035	1960317 mature1	TCATCTTAGGATGGATCGGTATT
MIR236	3p	1988016	1988035 scaffold_14	minus	1987951	1988228 mature1	TCATGTGGTTGACTGCCAGG
MIR237	5p	6708	6729 scaffold_321	minus	6541	6736 mature1	TCCAGACCCAGCTTCCACTCCT
MIR238	5p	3737633	3737653 scaffold_7	plus	3737624	3737967 mature1	TCCAGGACCGGATGAATTCC
MIR238*	3p	3737945	3737965 scaffold_7	plus	3737624	3737967 star1	TCATCCGCGTCTGGAGAAAGC
MIR239a	3p	409139	409159 scaffold_43	plus	409067	409161 mature1	TCCATGAAGTCGGGCCTTTCA
MIR239a*	5p	409073	409093 scaffold_43	plus	409067	409161 star1	AAGGCCGACTTCATGGATT
MIR239b	3p	409070	409090 scaffold_43	plus	409067	409161 mature1	TCCATGAAGTCGGGCCTTTCA
MIR239b*	5p	409136	409156 scaffold_43	minus	409067	409161 star1	AAGGCCGACTTCATGGATT
MIR240a	3p	150799	150820 scaffold_74	plus	150694	150850 mature1	TCCATGGCGCTCGTGACGGAGG
MIR240a*	5p	150725	150746 scaffold_74	plus	150694	150850 star1	TCCGTACAGAGCGCCATGGACG
MIR240b	3p	150723	150744 scaffold_74	minus	150629	150848 mature1	TCCATGGCGCTCGTGACGGAGG
MIR240b*	5p	150797	150818 scaffold_74	minus	150629	150848 star1	TCCGTACAGAGCGCCATGGACG
MIR241	3p	3920470	3920490 scaffold_1	minus	3920429	3920622 mature2	TCCCGAATTATTGTAGCACGA
MIR242	3p	2678363	2678384 scaffold_4	plus	2678192	2678429 mature1	TCCCGACGATAGAAAAGGGCGG

MIR242*	5p	2678231	2678252 scaffold_4	plus	2678192	2678429 star1	TTGAACACGGCGCTTTTCTATC
MIR243a	3p	7263717	7263738 scaffold_1	minus	7263643	7263963 mature2	TCCC GCCTTCTGCAAAACTGTC
MIR243b	3p	7263878	7263899 scaffold_1	plus	7263655	7263960 mature2	TCCC GCCTTCTGCAAAACTGTC
MIR244	5p	518643	518664 scaffold_25	minus	518459	518711 mature2	TCCCGCGCTGTTGTATCTCGGA
MIR244*	3p	518505	518526 scaffold_25	minus	518459	518711 star2	TCCAGGATACAACAACGGGATC
MIR245	3p	2074958	2074979 scaffold_26	minus	2074952	2075082 mature1	TCCCTGCTATCGCCACTGCCGC
MIR246a	3p	194342	194362 scaffold_55	minus	194337	194402 mature1	TCCGAAAGGCACTCGACTGTA
MIR246a*	5p	194381	194401 scaffold_55	minus	194337	194402 star1	TACAGTCGAGTGCCTTCGGA
MIR246b	3p	194381	194401 scaffold_55	plus	194340	194407 mature1	TCCGAAAGGCACTCGACTGTA
MIR246b*	5p	194342	194362 scaffold_55	plus	194340	194407 star1	TACAGTCGAGTGCCTTCGGA
MIR247	5p	1450304	1450324 scaffold_20	plus	1450285	1450626 mature3	TCCGCAGGTAGATAATTTGT
MIR247*	3p	1450589	1450609 scaffold_20	plus	1450285	1450626 star3	CAAAATTATCTACCTGCGGAA
MIR248	3p	7263736	7263758 scaffold_1	minus	7263643	7263963 mature4	TCCGTGATGGCTGAGAGACATCC
MIR249	3p	1290319	1290342 scaffold_27	plus	1290035	1290357 mature1	TCCTTGTCATCTTTCCTCGTCGCC
MIR249*	5p	1290054	1290076 scaffold_27	plus	1290035	1290357 star1	TGACGAGAAAGATGACAAGGAAG
MIR250	3p	1326365	1326385 scaffold_2	minus	1326323	1326644 mature3	TCGCGCTCCACTGGTGCAC
MIR251a	5p	1250678	1250698 scaffold_14	plus	1250672	1250760 mature1	TCGCGTAGAAGGCCGGGCTGG
MIR251b	5p	165437	165457 scaffold_76	plus	165395	165519 mature1	TCGCGTAGAAGGCCGGGCTGG
MIR252	5p	76316	76337 scaffold_21	plus	76131	76523 mature1	TCGCTACGGGGTCGCTACTGGG
MIR253	3p	12210	12231 scaffold_18	minus	12152	12423 mature1	TCGGAGAGCCAGTCGAGAGCGC
MIR253*	5p	12340	12361 scaffold_18	minus	12152	12423 star1	TGGCGCTCTCGACTGGCTCTCC
MIR254	5p	4800077	4800096 scaffold_2	plus	4800060	4800185 mature1	TCGGCGATGAGGGATGTGGC
MIR255a	3p	1396361	1396382 scaffold_18	minus	1396352	1396483 mature1	TCGGCTGAAGCTCCAGTATTCA
MIR255a*	5p	1396453	1396475 scaffold_18	minus	1396352	1396483 star1	TGAGACCCAGAAGGCTGATCGGG
MIR255b	3p	1486489	1486510 scaffold_18	minus	1486480	1486611 mature1	TCGGCTGAAGCTCCAGTATTCA
MIR255b*	5p	1486581	1486603 scaffold_18	minus	1486480	1486611 star1	TGAGACCCAGAAGGCTGATCGGG
MIR256	3p	653322	653342 scaffold_41	plus	653085	653474 mature1	TCGGGATTAAGGTGGCGCTGC
MIR257a	5p	137729	137749 scaffold_85	minus	137576	137786 mature1	TCGGTCGTATATCGCTGTCC
MIR257a*	3p	137611	137631 scaffold_85	minus	137576	137786 star1	AGCAGCGGTACACGACCCCGT
MIR257b	5p	648	668 scaffold_48	plus	626	818 mature1	TCGGTCGTATATCGCTGTCC
MIR257b*	3p	779	799 scaffold_48	plus	626	818 star1	AGCAGCGGTACACGACCCCGT
MIR258	3p	7263676	7263695 scaffold_1	minus	7263643	7263963 mature3	TCGTAGTTCCTCGCTGTGAG
MIR259	3p	1547467	1547490 scaffold_18	plus	1547226	1547549 mature1	TCGTGACCGCGGGGAAGGGGAGGG
MIR259*	5p	1547283	1547306 scaffold_18	plus	1547226	1547549 star1	CTCCCTTCCCGGCGCTCACGACC
MIR260	3p	944552	944573 scaffold_19	minus	944520	944655 mature2	TCTAACGAGGCTGCGACGTACG
MIR261	5p	224461	224482 scaffold_4	minus	224234	224523 mature2	TCTCGCGGGGAATGAAGGAAA
MIR261*	3p	224274	224295 scaffold_4	minus	224234	224523 star2	TCCTTTGTTCCCGGCGAGAGG
MIR262	3p	578041	578062 scaffold_51	plus	577972	578070 mature1	TCTCTGCACTGGGCTGTGAGCT
MIR263	5p	7202610	7202630 scaffold_1	minus	7202286	7202667 mature2	TCTGATGCCGGAGCTTCCTGA
MIR264a	3p	123214	123234 scaffold_97	plus	123143	123241 mature1	TCTGCACTGGGCTGTGAGCTT
MIR264b	3p	244844	244864 scaffold_74	plus	244785	244871 mature1	TCTGCACTGGGCTGTGAGCTT
MIR264c	3p	1552302	1552322 scaffold_31	plus	1552231	1552329 mature1	TCTGCACTGGGCTGTGAGCTT
MIR264d	3p	140867	140887 scaffold_93	plus	140793	140894 mature1	TCTGCACTGGGCTGTGAGCTT
MIR264e	3p	27617	27637 scaffold_64	minus	27609	27707 mature1	TCTGCACTGGGCTGTGAGCTT
MIR264f	3p	39286	39306 scaffold_32	minus	39278	39376 mature1	TCTGCACTGGGCTGTGAGCTT
MIR264g	3p	3611	3631 scaffold_53	minus	3603	3701 mature1	TCTGCACTGGGCTGTGAGCTT
MIR264h	3p	123476	123496 scaffold_15	minus	123468	123554 mature1	TCTGCACTGGGCTGTGAGCTT
MIR264i	3p	29417	29437 scaffold_8	minus	29409	29510 mature1	TCTGCACTGGGCTGTGAGCTT
MIR264j	3p	992	1012 scaffold_82	minus	984	1082 mature1	TCTGCACTGGGCTGTGAGCTT
MIR264k	3p	22653	22673 scaffold_71	minus	22645	22743 mature1	TCTGCACTGGGCTGTGAGCTT
MIR264l	3p	83340	83360 scaffold_50	minus	83332	83430 mature1	TCTGCACTGGGCTGTGAGCTT
MIR265	5p	132536	132557 scaffold_25	minus	132327	132630 mature2	TCTGGATCGAGGATTTCCGAGC
MIR265*	3p	132398	132419 scaffold_25	minus	132327	132630 star2	TCGGAATCCTCGATCCAGATG
MIR266a	3p	869238	869258 scaffold_41	plus	869110	869261 mature1	TCTTGGCGGGCGTACCTTGC
MIR266b	3p	231411	231431 scaffold_75	plus	231255	231433 mature1	TCTTGGCGGGCGTACCTTGC
MIR267a	3p	1864028	1864048 scaffold_24	minus	1864000	1864265 mature1	TCTTGTCCCGAACCTTGTCTCT
MIR267b	3p	1864219	1864239 scaffold_24	plus	1864016	1864252 mature1	TCTTGTCCCGAACCTTGTCTCT
MIR268	3p	4647552	4647572 scaffold_2	plus	4647404	4647580 mature1	TCTTGTGGACGGGTGAGGACG
MIR269	3p	926999	927019 scaffold_24	minus	926962	927139 mature1	TCCTTCAACATGCAGAATTGC
MIR270	3p	366842	366862 scaffold_67	plus	366632	366889 mature2	TGAAAATAAAGAGCAAGGCGC
MIR271a	3p	1256	1276 scaffold_17	minus	1225	1483 mature1	TGAAAGTGAGGATCTATTGAA
MIR271a*	5p	1431	1451 scaffold_17	minus	1225	1483 star1	CAATAGATCCTCACTTTCAGC
MIR271b	3p	1433	1453 scaffold_17	plus	1225	1483 mature2	TGAAAGTGAGGATCTATTGAA
MIR272	3p	380056	380076 scaffold_8	plus	379878	380156 mature1	TGAAATAGAATGGACTCCGTT
MIR273	5p	3371151	3371172 scaffold_5	plus	3371149	3371227 mature1	TGAACGTGTGCAAGTCTGAGC
MIR274	5p	102720	102741 scaffold_91	plus	102638	102990 mature1	TGAACTCATCTTGTCTGCTGCC
MIR274*	3p	102919	102940 scaffold_91	plus	102638	102990 star1	TTGAAGGGCAGCAACAAGGATG
MIR275	3p	12985384	12985405 scaffold_1	minus	12985330	12985532 mature1	TGAATGCGGAACAAGCAGCAGG
MIR276	3p	2708107	2708129 scaffold_3	minus	2707962	2708314 mature1	TGACAAACCGGACTTTGTTCCGGG
MIR277	3p	2666338	2666360 scaffold_14	minus	2666320	2666650 mature1	TGACATCAACCTCTCTGCAGACG
MIR278	5p	231215	231236 scaffold_61	plus	231205	231290 mature1	TGACCCGGATGGGCTGCAGATC
MIR279a	3p	430322	430343 scaffold_40	minus	430258	430543 mature2	TGACCTTCTTGCATCCCGCTGC
MIR279b	3p	430322	430343 scaffold_40	minus	430264	430542 mature2	TGACCTTCTTGCATCCCGCTGC
MIR280	3p	3167846	3167870 scaffold_4	minus	3167787	3168030 mature1	TGACGACAGTGGCAATGGTATGGC
MIR280*	5p	3167951	3167972 scaffold_4	minus	3167787	3168030 star1	CGCCATTGCCACTGTCCGCATC
MIR281	3p	1232	1255 scaffold_17	minus	1225	1483 mature2	TGACGGTGATATGGATGATGAGGC
MIR281*	5p	1410	1430 scaffold_17	minus	1225	1483 star2	TTCAGACCACTCTGACTGATC

MIR282	3p	733193	733212 scaffold_37	plus	733003	733259 mature1	TGACTGCGGAGAGCTTCGGA
MIR283	3p	124167	124189 scaffold_86	plus	124095	124227 mature1	TGAGAGGCCAGATCGCAGCATGA
MIR283*	5p	124140	124160 scaffold_86	plus	124095	124227 star1	CTTGACATCGGTCTCCTCACT
MIR284	3p	270825	270846 scaffold_51	plus	270573	270864 mature2	TGAGATTCTCGGCTGTAATTGA
MIR284*	5p	270598	270619 scaffold_51	plus	270573	270864 star2?	TACAGCCAAAGAAATTCATGGAC
MIR285	5p	696225	696246 scaffold_3	minus	696026	696274 mature1	TGAGCGATCCCTGTAGTAACCC
MIR285*	3p	696049	696070 scaffold_3	minus	696026	696274 star1	TACTACAGGGATCGCTTATGTT
MIR286	3p	3683373	3683393 scaffold_7	plus	3683241	3683409 mature1	TGAGCCGATGGGGCTAGTTGG
MIR286*	5p	3683262	3683284 scaffold_7	plus	3683241	3683409 star1	CAGCCCCACGGCTCATCCCGGC
MIR287	5p	4501983	4502003 scaffold_1	plus	4501912	4502231 mature1	TGAGGAGTGAGTCAGATATGG
MIR288a	3p	538384	538405 scaffold_26	minus	538343	538638 mature1	TGAGGCTGTGTCCCGGGGGCGGT
MIR288a*	5p	538610	538631 scaffold_26	minus	538343	538638 star1	CGCCCCGGGACACAGCCTCAGG
MIR288b	3p	538612	538633 scaffold_26	plus	538377	538638 mature1	TGAGGCTGTGTCCCGGGGGCGGT
MIR288b*	5p	538386	538407 scaffold_26	plus	538377	538638 star1	CGCCCCGGGACACAGCCTCAGG
MIR289	5p	682492	682512 scaffold_13	plus	682490	682588 mature1	TGAGGTATAGCTGTGGCTGAC
MIR290a	5p	3115057	3115078 scaffold_1	plus	3114929	3115354 mature1	TGATGAACCTTGCTTCTTACT
MIR290a*	3p	3115215	3115236 scaffold_1	plus	3114929	3115354 star1	TAAAGCAAGCAAGTTCATCAGG
MIR290b	5p	3115213	3115234 scaffold_1	minus	3114930	3115354 mature1	TGATGAACCTTGCTTCTTACT
MIR290b*	3p	3115055	3115076 scaffold_1	minus	3114930	3115354 star1	TAAAGCAAGCAAGTTCATCAGG
MIR291	3p	1403	1424 scaffold_17	plus	1225	1483 mature1	TGATGATGATCAGTCAGAGTGG
MIR292	3p	142492	142513 scaffold_70	plus	142284	142548 mature1	TGCAACACACCCTGCCCGCCA
MIR292*	5p	142318	142340 scaffold_70	plus	142284	142548 star1	TATGGCGGGCAGGGTGTGTTTGC
MIR293	3p	199139	199160 scaffold_62	minus	199106	199353 mature1	TGCAACTCGCTTCTTGGGAAGA
MIR293*	5p	199297	199318 scaffold_62	minus	199106	199353 star1	TGCCCTAAGAAACAGATGCAGA
MIR294	5p	833432	833456 scaffold_38	minus	833302	833462 mature1	TGCAAGACTGGGCGTTGAAACGGC
MIR295	5p	122460	122480 scaffold_49	plus	122432	122585 mature1	TGCACGACGATGCCAGGACG
MIR296	5p	775647	775668 scaffold_12	plus	775621	775776 mature1	TGCAGCACGGATGACGAAGACA
MIR296*	3p	775729	775750 scaffold_12	plus	775621	775776 star1	TCTTCATCATCCTGCTGCAGT
MIR297	5p	1039895	1039916 scaffold_4	plus	1039891	1040201 mature1	TGCAGCCTGATCAAGACGAAGG
MIR297*	3p	1040181	1040200 scaffold_4	plus	1039891	1040201 star1	TTCGTCTGATCAGGCTGCA
MIR298	3p	2140197	2140220 scaffold_18	plus	2140009	2140261 mature1	TGCAGGAGTGTGCTGTTGACCGGC
MIR298*	5p	2140053	2140076 scaffold_18	plus	2140009	2140261 star1	CGGTCCAGCATGCTCCTGCAGA
MIR299	3p	3062223	3062244 scaffold_13	minus	3062192	3062459 mature1	TGCAGGCCTTGCCCGATGCGGC
MIR299*	5p	3062403	3062423 scaffold_13	minus	3062192	3062459 star1	TCGGGCAAGGCCTGCATGTGA
MIR300	5p	748428	748450 scaffold_44	plus	748399	748555 mature1	TGCAGGTCGGTGTGTTGACACC
MIR301	5p	247614	247635 scaffold_68	plus	247600	247696 mature1	TGCAGTGTGCGTGCCAGATGGG
MIR302	3p	21293	21314 scaffold_48	plus	21224	21359 mature1	TGCAGTGTGCATCGACCATGGC
MIR303a	5p	2354029	2354049 scaffold_16	plus	2354022	2354116 mature1	TGCATCAGGAAGTGGGACTTC
MIR303a*	3p	2354090	2354111 scaffold_16	plus	2354022	2354116 star1	TTGTACAAGTCTTCGATCCAG
MIR303b	5p	2072278	2072298 scaffold_17	plus	2072273	2072362 mature1	TGCATCAGGAAGTGGGACTTC
MIR303b*	3p	2072339	2072360 scaffold_17	plus	2072273	2072362 star1	TTGTACAAGTCTTCGATCCAG
MIR303c	5p	8586	8606 scaffold_3	plus	8581	8670 mature1	TGCATCAGGAAGTGGGACTTC
MIR303c*	3p	8647	8668 scaffold_3	plus	8581	8670 star1	TTGTACAAGTCTTCGATCCAG
MIR304a	3p	7263695	7263716 scaffold_1	minus	7263643	7263963 mature1	TGCATCCGCCAGAACCCAGAACT
MIR304a*	5p	7263898	7263919 scaffold_1	minus	7263643	7263963 star1	TTCTGTCTTCCGGGATGCAGA
MIR304b	3p	7263900	7263921 scaffold_1	plus	7263655	7263960 mature1	TGCATCCGCCAGAACCCAGAACT
MIR304b*	5p	7263700	7263720 scaffold_1	plus	7263655	7263960 star1	TGGTTCTGGCGGATGCAGACA
MIR305a	5p	446742	446761 scaffold_19	minus	446579	446789 mature1	TGCATGGGATGGACAGCCCGC
MIR305b	5p	6137	6156 scaffold_54	plus	6109	6330 mature2	TGCATGGGATGGACAGCCCGC
MIR306	5p	1366404	1366425 scaffold_23	plus	1366401	1366698 mature1	TGCCAAGAAGTGCTGTTTGTCTC
MIR306*	3p	1366673	1366695 scaffold_23	plus	1366401	1366698 star1	TAGGGCAAACAGCACTTCTCGGC
MIR307	3p	2139355	2139374 scaffold_21	minus	2139251	2139577 mature1	TGCCGCCCTCGTCTCTG
MIR308	5p	1000	1021 scaffold_1028	plus	988	1060 mature1	TGCCGGATAATCTCTACTCGG
MIR308*	3p	1031	1052 scaffold_1028	plus	988	1060 star1	TACTAGGATAATGTTGTGGGG
MIR309	3p	5039488	5039508 scaffold_2	minus	5039337	5039669 mature1	TGCGAGACCATGACATGACA
MIR309*	5p	5039610	5039630 scaffold_2	minus	5039337	5039669 star1	TGTCATGTCAACGGTCTCGCA
MIR310	3p	85768	85789 scaffold_35	plus	85694	85795 mature1	TGCGATGCGTTGATTCTCTCAG
MIR310*	5p	85703	85724 scaffold_35	plus	85694	85795 star1	GAGAGAATCGACGCCCGCAGT
MIR311	3p	1130276	1130300 scaffold_23	plus	1130116	1130325 mature1	TGCCGACAGGGCAGATGTGGAGCGG
MIR312	5p	1728335	1728356 scaffold_27	plus	1728277	1728550 mature1	TGCCGACGAGGTTCGAGAAGAGC
MIR312*	3p	1728471	1728492 scaffold_27	plus	1728277	1728550 star1	TGCTTCTCTCACCTCGTCCGC
MIR313	5p	286651	286672 scaffold_59	plus	286634	286971 mature1	TGCCGATAGCCTTTGCGATGCA
MIR313*	3p	286932	286955 scaffold_59	plus	286634	286971 star1	CGTGATCGCAAAGGCTATCCGCA
MIR314a	5p	111325	111347 scaffold_81	minus	111228	111367 mature1	TGCCGGTGGCTGTCCAGTCC
MIR314b	5p	64582	64604 scaffold_85	minus	64489	64621 mature1	TGCCGGTGGCTGTCCAGTCC
MIR314b*	3p	64504	64524 scaffold_85	minus	64489	64621 star1	TGCACAGCAGCATTCCGACG
MIR314c	5p	1993443	1993465 scaffold_20	plus	1993425	1993557 mature1	TGCCGGTGGCTGTCCAGTCC
MIR314c*	3p	1993523	1993543 scaffold_20	plus	1993425	1993557 star1	TGCACAGCAGCATTCCGACG
MIR315	3p	173309	173331 scaffold_17	plus	173107	173372 mature1	TGCGTATGCACAGAGAATCGGAT
MIR315*	5p	173150	173169 scaffold_17	plus	173107	173372 star1	TGCGATTCTCTGTGCATACG
MIR316	3p	904914	904935 scaffold_2	minus	904897	905138 mature1	TGCTGACTGTTATCCGGAAGG
MIR316*	5p	905101	905122 scaffold_2	minus	904897	905138 star1	TTCCGGAATAACAATTAGCGTT
MIR317	3p	3046386	3046406 scaffold_8	plus	3046179	3046483 mature1	TGCTGCCCAACGTATGCCGGC
MIR318	5p	180868	180888 scaffold_38	plus	180848	180938 mature1	TGCTGCCGCATGCAAGCTGT
MIR319	3p	1690486	1690508 scaffold_12	plus	1690217	1690534 mature1	TGCTCCGCTGTGAGGCTGTGGA
MIR319*	5p	1690249	1690271 scaffold_12	plus	1690217	1690534 star1	CACACCATACATGCTGCAGAGA
MIR320a	5p	79376	79396 scaffold_21	plus	79364	79510 mature1	TGCTGGCACAGCAAGCTGACG

MIR320a*	3p	79487	79507 scaffold_21	plus	79364	79510 star1	TTGCTGTGCCAGCAATGGACT
MIR320b	5p	79480	79500 scaffold_21	minus	79364	79511 mature1	TGCTGGCACAGCAAGCTGACG
MIR320b*	3p	79369	79389 scaffold_21	minus	79364	79511 star1	TTGCTGTGCCAGCAATGGACT
MIR321a	3p	4738836	4738855 scaffold_2	plus	4738707	4738874 mature1	TGCTTGATGATGAACGGGGG
MIR321b	3p	4738727	4738746 scaffold_2	minus	4738707	4738874 mature1	TGCTTGATGATGAACGGGGG
MIR322a	3p	12369	12390 scaffold_7	minus	12352	12518 mature1	TGGAAACTTAGGCTGTGAAAC
MIR322a*	5p	12477	12499 scaffold_7	minus	12352	12518 star1	TTCCGAGCTTAAGTTTTCCCAAA
MIR322b	3p	10548	10569 scaffold_47	minus	10531	10697 mature1	TGGAAACTTAGGCTGTGAAAC
MIR322b*	5p	10656	10678 scaffold_47	minus	10531	10697 star1	TTCCGAGCTTAAGTTTTCCCAAA
MIR322c	3p	13539	13560 scaffold_192	minus	13522	13688 mature1	TGGAAACTTAGGCTGTGAAAC
MIR322c*	5p	13647	13669 scaffold_192	minus	13522	13688 star1	TTCCGAGCTTAAGTTTTCCCAAA
MIR323a	3p	1994505	1994525 scaffold_14	plus	1994452	1994560 mature1	TGGAAGACCGGGTGTAGGCGG
MIR323b	5p	645056	645076 scaffold_22	plus	645003	645139 mature1	TGGAAGACCGGGTGTAGGCGG
MIR323c	3p	46016	46036 scaffold_78	plus	45956	46080 mature1	TGGAAGACCGGGTGTAGGCGG
MIR324	5p	115551	115570 scaffold_85	plus	115514	115808 mature1	TGGAAGATCCGGAGGTGAGG
MIR324*	3p	115676	115695 scaffold_85	plus	115514	115808 star1	TCCTGCACCCACCTCCGG
MIR325a	3p	10097908	10097928 scaffold_1	plus	10097709	10097959 mature1	TGGAAGCTGGGTCTGGAGGGC
MIR325a*	5p	10097740	10097759 scaffold_1	plus	10097709	10097959 star1	TGCCCTCCAGACCCAGCTTC
MIR325b	3p	2479	2502 scaffold_321	plus	2280	2530 mature1	TGGAAGCTGGGTCTGGAGGGCATG
MIR325b*	5p	2311	2330 scaffold_321	plus	2280	2530 star1	TGCCCTCCAGACCCAGCTTC
MIR325c	3p	6713	6736 scaffold_321	plus	6541	6736 mature1	TGGAAGCTGGGTCTGGAGGGCATG
MIR325c*	5p	6544	6566 scaffold_321	plus	6541	6736 star1	TGCCCTCCAGACCCAGCTTC
MIR326	3p	673289	673310 scaffold_38	minus	673287	673351 mature1	TGGAAGGTGGGGTGGATGCGCA
MIR327	3p	1572547	1572567 scaffold_13	minus	1572540	1572638 mature1	TGGACAAGACAGGAGCTGCGC
MIR328a	5p	270615	270635 scaffold_51	plus	270573	270864 mature1	TGGACACGATATCGTCTGGCT
MIR328a*	3p	270803	270826 scaffold_51	plus	270573	270864 star1	TAGCCAGACGATATCGTCTCCATG
MIR328b	5p	270804	270824 scaffold_51	minus	270611	270827 mature1	TGGACACGATATCGTCTGGCT
MIR328b*	3p	270614	270635 scaffold_51	minus	270611	270827 star1	AGCCAGACGATATCGTCTCCAT
MIR329	3p	1972	1993 scaffold_94	plus	1861	2089 mature1	TGGACAGGGTCTTGAGACGGCT
MIR329*	3p	2013	2038 scaffold_94	plus	1861	2089 star1	TATCAAGACGCTTTCATCATGTGAT
MIR330a	5p	1428388	1428409 scaffold_26	plus	1428362	1428623 mature1	TGGACTAGTTACTCCTGAGACG
MIR330a*	3p	1428581	1428603 scaffold_26	plus	1428362	1428623 star1	TCAGGAGTAACTAGTCCAGTTGC
MIR330b	5p	277086	277107 scaffold_58	minus	276851	277149 mature1	TGGACTAGTTACTCCTGAGACG
MIR330b*	3p	276900	276920 scaffold_58	minus	276851	277149 star1	TAACCCGCTCTCAGGAGTAACT
MIR330c	5p	276894	276915 scaffold_58	plus	276856	277142 mature1	TGGACTAGTTACTCCTGAGACG
MIR330c*	3p	277090	277112 scaffold_58	plus	276856	277142 star1	TCAGGAGTAACTAGTCCAGTTGC
MIR331	5p	6263	6282 scaffold_76	minus	6054	6320 mature1	TGGACTGAGGGTCAAGCAGGC
MIR331*	3p	6088	6107 scaffold_76	minus	6054	6320 star1	TGCTGACCCTCAGTCCATGC
MIR332a	3p	6270	6290 scaffold_101	plus	6142	6379 mature1	TGGAGACTGCTTCATTTTGGGA
MIR332b	3p	371807	371827 scaffold_61	minus	371713	371958 mature1	TGGAGACTGCTTCATTTTGGGA
MIR332c	5p	236883	236903 scaffold_47	minus	236745	236907 mature1	TGGAGACTGCTTCATTTTGGGA
MIR333	3p	224296	224315 scaffold_4	minus	224234	224523 mature1	TGGAGATTTGCGACGTGTT
MIR333*	5p	224441	224460 scaffold_4	minus	224234	224523 star1	CGCGGGCGAAATCTCCAGC
MIR334	5p	92708	92728 scaffold_47	minus	92544	92755 mature1	TGGAGGTGCCTTTTCTTAGGG
MIR335	5p	641654	641675 scaffold_28	minus	641411	641737 mature1	TGGAGTGAAGTGGGCTGTTGG
MIR336	3p	4788180	4788199 scaffold_2	plus	4788034	4788298 mature1	TGGAGTTGGATTGGCAGGGG
MIR337	3p	1115349	1115371 scaffold_26	minus	1115340	1115506 mature1	TGGATCGAGATTCGCACGCTGGA
MIR337*	3p	1115382	1115402 scaffold_26	minus	1115340	1115506 star1	TGCTGAGATGGGATTTGAGG
MIR338	3p	53829	53850 scaffold_12	plus	53758	53853 mature1	TGGATGCTGGTGGTGGGTGCGG
MIR339	5p	366700	366723 scaffold_67	plus	366632	366889 mature1	TGGATGCTGATTGTCAGAACAGG
MIR339*	3p	366802	366823 scaffold_67	plus	366632	366889 star1	TGTCTGACAATACAGCATCCA
MIR340	3p	359707	359728 scaffold_25	minus	359690	359818 mature1	TGGCAAGGAGAGACTGATGCGC
MIR340*	5p	359778	359799 scaffold_25	minus	359690	359818 star1	CATCAGCTATCCTTGCCATCA
MIR341	3p	1275307	1275327 scaffold_22	minus	1275258	1275501 mature2	TGGCAATGGCGGCAGTGGGGA
MIR342	3p	1733154	1733174 scaffold_28	plus	1733083	1733185 mature1	TGGCAATTGTGATGGCAGGGA
MIR342*	5p	1733104	1733125 scaffold_28	plus	1733083	1733185 star1	TGCCATCACCAATGCGCCGCTC
MIR343	5p	21762	21783 scaffold_39	plus	21702	22029 mature2	TGGCAGAGGAAGATAGGTGAGG
MIR344a	5p	2075309	2075329 scaffold_26	minus	2075105	2075377 mature1	TGGCGACGGCGGCAATGGCGA
MIR344b	5p	115256	115276 scaffold_21	minus	115021	115283 mature1	TGGCGACGGCGGCAATGGCGA
MIR344b*	3p	115034	115057 scaffold_21	minus	115021	115283 star1	TCCCTGCCATCGCCACTGCCACCG
MIR344c	5p	1733373	1733393 scaffold_28	minus	1733051	1733441 mature1	TGGCGACGGCGGCAATGGCGA
MIR344c*	5p	1733310	1733330 scaffold_28	minus	1733051	1733441 star1	TGCCATTGCGCCGCTGCCCA
MIR345a	3p	1347773	1347793 scaffold_27	minus	1347671	1347904 mature1	TGGCGACGGTGGCAATAGCGA
MIR345b	3p	1275286	1275306 scaffold_22	minus	1275258	1275501 mature1	TGGCGACGGTGGCAATAGCGA
MIR345b*	5p	1275447	1275467 scaffold_22	minus	1275258	1275501 star1	ACAATTGCCACCGTCCGCATC
MIR345c	3p	3167983	3168003 scaffold_4	plus	3167787	3168030 mature1	TGGCGACGGTGGCAATAGCGA
MIR345c*	5p	3167822	3167842 scaffold_4	plus	3167787	3168030 star1	ACAATTGCCACCGTCCGCATC
MIR346a	3p	70000	70020 scaffold_84	minus	69965	70089 mature1	TGGCGACGGTGGCAATTGTGA
MIR346a*	5p	70036	70056 scaffold_84	minus	69965	70089 star1	TCACCATTGCCCGCTGCCCA
MIR346b	3p	3167820	3167840 scaffold_4	minus	3167787	3168030 mature2	TGGCGACGGTGGCAATTGTGA
MIR347a	5p	985653	985674 scaffold_16	plus	985610	985871 mature1	TGGCGGATCAAGACAGTGCAGG
MIR347a*	3p	985803	985824 scaffold_16	plus	985610	985871 star1	TGCACTGTCTTATCCGCGCAGG
MIR347b	5p	985801	985822 scaffold_16	minus	985594	985886 mature1	TGGCGGATCAAGACAGTGCAGG
MIR348	3p	1515979	1516000 scaffold_18	plus	1515868	1516008 mature1	TGGCGGATGTACCTAAAAGGCA
MIR348*	3p	1515932	1515953 scaffold_18	plus	1515868	1516008 star1	TGCCTTTTAAGTGTCTTTAGGG
MIR349a	5p	8499	8519 scaffold_107	minus	8447	8537 mature1	TGGCGCCGCTCCTCTGCGGGC
MIR349b	5p	11423	11443 scaffold_48	minus	11371	11461 mature1	TGGCGCCGCTCCTCTGCGGGC

MIR350	5p	1994332	1994355 scaffold_20	plus	1994272	1994615 mature2	TGGCGGCTGGACAGGATTGTCCGC
MIR351	5p	110437	110460 scaffold_81	minus	110176	110519 mature1	TGGCGGCTGGACAGGATTGTCTGC
MIR351*	3p	110239	110259 scaffold_81	minus	110176	110519 star1	TGCTGCAGCGGACGATCCTGC
MIR352a	5p	11151	11171 scaffold_147	plus	11126	11382 mature1	TGGCGGCTGGGCAAGATTGTC
MIR352a*	3p	11352	11372 scaffold_147	plus	11126	11382 star1	TGCTGCAGCGGACGATCCTGC
MIR352b	5p	2004069	2004089 scaffold_20	plus	2004067	2004300 mature1	TGGCGGCTGGGCAAGATTGTC
MIR352b*	3p	2004270	2004290 scaffold_20	plus	2004067	2004300 star1	TGCTGCAGCGGACGATCCTGC
MIR352c	5p	2050158	2050178 scaffold_20	plus	2050155	2050389 mature1	TGGCGGCTGGGCAAGATTGTC
MIR352c*	3p	2050359	2050379 scaffold_20	plus	2050155	2050389 star1	TGCTGCAGCGGACGATCCTGC
MIR352d	5p	1605196	1605216 scaffold_25	plus	1605194	1605427 mature1	TGGCGGCTGGGCAAGATTGTC
MIR352d*	3p	1605397	1605417 scaffold_25	plus	1605194	1605427 star1	TGCTGCAGCGGACGATCCTGC
MIR352e	5p	1804300	1804320 scaffold_28	minus	1804088	1804321 mature1	TGGCGGCTGGGCAAGATTGTC
MIR352e*	3p	1804099	1804119 scaffold_28	minus	1804088	1804321 star1	TGCTGCAGCGGACGATCCTGC
MIR352f	5p	81233	81253 scaffold_56	plus	81230	81464 mature1	TGGCGGCTGGGCAAGATTGTC
MIR352f*	3p	81434	81454 scaffold_56	plus	81230	81464 star1	TGCTGCAGCGGACGATCCTGC
MIR352g	5p	49679	49699 scaffold_68	minus	49467	49700 mature1	TGGCGGCTGGGCAAGATTGTC
MIR352g*	3p	49478	49498 scaffold_68	minus	49467	49700 star1	TGCTGCAGCGGACGATCCTGC
MIR353	3p	132419	132439 scaffold_25	minus	132327	132630 mature1	TGGGACCCTGATACGAAGCT
MIR353*	5p	132516	132535 scaffold_25	minus	132327	132630 star1	TTCTGATCAGCGTCCCAGG
MIR354	3p	3920511	3920533 scaffold_1	minus	3920429	3920622 mature1	TGGGATACCTAGAATTTGTACG
MIR355a	5p	4114708	4114728 scaffold_4	plus	4114604	4114936 mature1	TGGGATGAGGGCTGGGACTGG
MIR355a*	3p	4114812	4114832 scaffold_4	plus	4114604	4114936 star1	TCCAGTCCCAGCCCTCATCCC
MIR355b	5p	4114813	4114833 scaffold_4	minus	4114609	4114931 mature1	TGGGATGAGGGCTGGGACTGG
MIR355b*	3p	4114709	4114729 scaffold_4	minus	4114609	4114931 star1	TCCAGTCCCAGCCCTCATCCC
MIR356	3p	272011	272031 scaffold_58	minus	272008	272096 mature1	TGGGATGTCACGATGAGGACG
MIR357a	3p	486018	486039 scaffold_53	plus	485814	486048 mature2	TGGGCCCCAAACCGTCGGTAAC
MIR357b	3p	340370	340391 scaffold_62	plus	340214	340412 mature1	TGGGCCCCAAACCGTCGGTAAC
MIR357c	3p	2513214	2513235 scaffold_11	plus	2513058	2513256 mature1	TGGGCCCCAAACCGTCGGTAAC
MIR357d	3p	28978	28999 scaffold_95	minus	28956	29154 mature1	TGGGCCCCAAACCGTCGGTAAC
MIR357d*	5p	29109	29131 scaffold_95	minus	28956	29154 star1	TACCGACCGTTTGGGGCTCATT
MIR357e	3p	255519	255540 scaffold_68	minus	255497	255695 mature1	TGGGCCCCAAACCGTCGGTAAC
MIR357e*	5p	255651	255672 scaffold_68	minus	255497	255695 star1	TACCGACCGTTTGGGGCTCATT
MIR357f	3p	11926	11947 scaffold_90	minus	11904	12102 mature1	TGGGCCCCAAACCGTCGGTAAC
MIR357g	3p	21958	21979 scaffold_95	plus	21818	22000 mature1	TGGGCCCCAAACCGTCGGTAAC
MIR357g*	5p	21843	21863 scaffold_95	plus	21818	22000 star1	ACCGACCGTTTGGGGCCATT
MIR357h	3p	3120027	3120048 scaffold_1	minus	3120005	3120203 mature1	TGGGCCCCAAACCGTCGGTAAC
MIR357h*	5p	3120159	3120180 scaffold_1	minus	3120005	3120203 star1	TACCGACCGTTTGGGGCTCATT
MIR357i	3p	1036213	1036234 scaffold_11	plus	1036057	1036255 mature1	TGGGCCCCAAACCGTCGGTAAC
MIR357i*	5p	1036081	1036102 scaffold_11	plus	1036057	1036255 star1	TACCGACTGTTTGGGGCCATT
MIR357j	3p	485957	485978 scaffold_53	plus	485814	486048 mature1	TGGGCCCCAAACCGTCGGTAAC
MIR357k	3p	256294	256315 scaffold_74	plus	256121	256353 mature1	TGGGCCCCAAACCGTCGGTAAC
MIR357l	3p	117277	117298 scaffold_84	plus	117102	117319 mature1	TGGGCCCCAAACCGTCGGTAAC
MIR357l*	5p	117145	117166 scaffold_84	plus	117102	117319 star1	TACCGACCGTTTGGGGCTCATT
MIR358	3p	14115793	14115814 scaffold_1	minus	14115752	14115955 mature2	TGGGCCCCGAACCGTCGGTAAC
MIR359	3p	1428401	1428421 scaffold_26	minus	1428369	1428623 mature1	TGGGCGTAACCCGCTCAGG
MIR360a	3p	10354	10376 scaffold_172	plus	10239	10405 mature1	TGGGCTGTGAGCTTTGGAAAAC
MIR360a*	5p	10272	10295 scaffold_172	plus	10239	10405 star1	TTTTCCAAAGCCCTCAGCCAGT
MIR360b	3p	13341	13363 scaffold_118	plus	13226	13392 mature1	TGGGCTGTGAGCTTTGGAAAAC
MIR360c	3p	19944	19966 scaffold_115	plus	19829	19995 mature1	TGGGCTGTGAGCTTTGGAAAAC
MIR360c*	5p	19862	19885 scaffold_115	plus	19829	19995 star1	TTTTCCAAAGCCCTCAGCCAGT
MIR360d	3p	1855	1877 scaffold_936	plus	1740	1906 mature1	TGGGCTGTGAGCTTTGGAAAAC
MIR360e	3p	14147990	14148012 scaffold_1	plus	14147875	14148043 mature1	TGGGCTGTGAGCTTTGGAAAAC
MIR360f	3p	137854	137876 scaffold_93	plus	137719	137930 mature1	TGGGCTGTGAGCTTTGGAAAAC
MIR360f*	5p	137772	137795 scaffold_93	plus	137719	137930 star1	TTTTCCAAAGCCCTCAGCCAGT
MIR361	3p	12924	12945 scaffold_3	plus	12753	12963 mature1	TGGGGCATACTCTGGTGTGCC
MIR361*	5p	12776	12797 scaffold_3	plus	12753	12963 star1	TGCCCTTGCCTCGCGCATGCC
MIR362	3p	1861553	1861577 scaffold_12	minus	1861518	1861704 mature1	TGGGGTTAGGACTCCTGCTGAACA
MIR362*	5p	1861633	1861657 scaffold_12	minus	1861518	1861704 star1	CTCAGCAGGTTGCCTAGCCCCAGC
MIR363	3p	733003	733024 scaffold_37	minus	732996	733244 mature1	TGGGTACCTGCGAGCAGAAAGAG
MIR364	3p	873089	873109 scaffold_3	minus	873087	873145 mature1	TGGGTCCGGAGCGCGGTAAG
MIR365	5p	397275	397295 scaffold_62	plus	397266	397327 mature1	TGGTAGTTGGTCTGCTGCC
MIR366	3p	2104464	2104485 scaffold_12	plus	2104328	2104497 mature1	TGGTCAGACCATCAACGGGC
MIR366*	5p	2104343	2104364 scaffold_12	plus	2104328	2104497 star1	CTGCTGGGTAGCTCTGACCACC
MIR367	3p	3881168	3881189 scaffold_6	plus	3881126	3881196 mature1	TGGTCTGCTGTTGCTGCTGC
MIR368	3p	104021	104044 scaffold_50	plus	103849	104081 mature1	TGGTGACGGTGGGATGGCAACGG
MIR368*	5p	103853	103874 scaffold_50	plus	103849	104081 star1	TGTGCCATCCCCTCATCGCC
MIR369	5p	2375495	2375516 scaffold_4	plus	2375490	2375563 mature1	TGGTGGTTGGACTCCGGCAGCA
MIR370	3p	2509137	2509157 scaffold_11	minus	2509129	2509456 mature1	TGGTGTGAAGATATGCTGGCG
MIR370*	5p	2509427	2509447 scaffold_11	minus	2509129	2509456 star1	CCAGCATATCTTACACCAAT
MIR371	3p	4012988	4013009 scaffold_5	minus	4012905	4013258 mature1	TGGTTGGGATGTCAAGATGGTT
MIR371*	5p	4013078	4013099 scaffold_5	minus	4012905	4013258 star1	CATTGTGACATCCCAACGAGA
MIR372	5p	944620	944642 scaffold_19	minus	944520	944655 mature1	TGTACTTGTGACGGGTCTCCTCT
MIR373	3p	2403024	2403043 scaffold_5	plus	2402794	2403117 mature1	TGTAGAAGTGACCCCTGGAC
MIR374	3p	18678	18698 scaffold_33	plus	18610	18713 mature1	TGTAGACCGTACTGTGTACC
MIR375	3p	124044	124066 scaffold_51	plus	123877	124081 mature1	TGTAGCGATGAGAGAAAGAGGC
MIR375*	5p	123896	123917 scaffold_51	plus	123877	124081 star1	TCITTCCTCATCGTACAGC
MIR376	3p	1861531	1861552 scaffold_12	minus	1861518	1861704 mature2	TGTATGCATGATGGGACGG

MIR377	3p	1597828	1597850 scaffold_24	minus	1597782	1598074 mature1	TGTATGTTTTCTCCTTCGGTTGC
MIR378	3p	1367485	1367506 scaffold_23	plus	1367269	1367545 mature1	TGTCATCAAGTGCCCCAGCTGC
MIR378*	5p	1367300	1367321 scaffold_23	plus	1367269	1367545 star1	AGCTGTGGCACTTGACGATATT
MIR379a	5p	1446797	1446817 scaffold_25	plus	1446695	1447038 mature1	TGTCATGTCAACGGTCTCGCA
MIR379a*	3p	1446918	1446938 scaffold_25	plus	1446695	1447038 star1	TGCGAGACCGTTGACATGACA
MIR379b	3p	428239	428259 scaffold_21	minus	428235	428288 mature1	TGTCATGTCAACGGTCTCGCA
MIR379c	5p	1446918	1446938 scaffold_25	minus	1446682	1447041 mature1	TGTCATGTCAACGGTCTCGCA
MIR379c*	3p	1446797	1446817 scaffold_25	minus	1446682	1447041 star1	TGCGAGACCGTTGACATGACA
MIR380	3p	469925	469946 scaffold_38	minus	469890	470021 mature2	TGTCACCATGTGATAAAGACA
MIR381	5p	431963	431984 scaffold_56	plus	431937	432245 mature2	TGTCACGGACCTGAAGGGGCT
MIR382	3p	1991821	1991841 scaffold_23	plus	1991648	1991863 mature1	TGTCACCGTAAGTATGCACT
MIR382*	5p	1991670	1991690 scaffold_23	plus	1991648	1991863 star1	TGCATCAGTTGCCCGGACATG
MIR383a	5p	220944	220964 scaffold_4	plus	220903	221153 mature1	TGTCGATTACCGGGAATAGCA
MIR383a*	3p	221095	221115 scaffold_4	plus	220903	221153 star1	TGCTATTCCCGGTAATCGACA
MIR383b	5p	221095	221115 scaffold_4	minus	220903	221154 mature1	TGTCGATTACCGGGAATAGCA
MIR383b*	3p	220944	220964 scaffold_4	minus	220903	221154 star1	TGCTATTCCCGGTAATCGACA
MIR384	5p	364840	364858 scaffold_23	plus	364827	364926 mature1	TGTCAGGACATAAAGCT
MIR385	3p	163937	163958 scaffold_54	plus	163724	163978 mature1	TGTGAACGACTCTGGGGCTGGC
MIR386	5p	1381990	1382010 scaffold_2	plus	1381982	1382073 mature1	TGTGCAGCTGCCACCGCCGCGC
MIR387	3p	1597153	1597173 scaffold_30	plus	1597023	1597195 mature1	TGTGCCTGCTGTGATGACTGC
MIR388	3p	1071257	1071278 scaffold_25	plus	1071164	1071282 mature1	TGTGCTGCTGCTGCCGCTCGATG
MIR389	5p	709395	709414 scaffold_12	plus	709380	709663 mature1	TGTGCAGCGACTTCAACGGG
MIR389*	3p	709639	709659 scaffold_12	plus	709380	709663 star1	TGAAGTCTTCCACAGCCGGA
MIR390a	5p	367043	367063 scaffold_58	plus	367025	367187 mature1	TGTGGCCAGTTGCACCGTATG
MIR390a*	3p	367153	367173 scaffold_58	plus	367025	367187 star1	TACGGTGCAACTGGCCACACA
MIR390b	5p	367151	367171 scaffold_58	minus	367026	367188 mature1	TGTGGCCAGTTGCACCGTATG
MIR390b*	3p	367041	367061 scaffold_58	minus	367026	367188 star1	TACGGTGCAACTGGCCACACA
MIR391	3p	1482220	1482240 scaffold_32	minus	1482190	1482273 mature1	TGTGGGACGAGGCAGCAGACC
MIR392	5p	458561	458581 scaffold_41	plus	458530	458781 mature1	TGTGGGACGCGACTTATAAGC
MIR392*	3p	458732	458752 scaffold_41	plus	458530	458781 star1	TTATAAGTCGCGTCCCATAGC
MIR393	3p	66055	66075 scaffold_38	plus	65869	66105 mature1	TGTGGGGCGCGCAAAAGAACT
MIR394	3p	12901	12921 scaffold_3	plus	12753	12963 mature2	TGTGTACGGACGCTGTGCAGC
MIR395a	3p	52253	52274 scaffold_78	plus	52109	52277 mature2	TGTGTAGGACGAAGGGAGAAG
MIR395a*	5p	52110	52131 scaffold_78	plus	52109	52277 star?	CTTTTCTCCGCTCGGGAATGC
MIR395b	3p	1067437	1067460 scaffold_15	plus	1067293	1067461 mature2	TGTGTAGGACGAAGGGAGAAGTT
MIR396	3p	1450545	1450565 scaffold_20	plus	1450285	1450626 mature2	TGTGTATGTGGCGAAAATCT
MIR396*	5p	1450350	1450370 scaffold_20	plus	1450285	1450626 star2	TTTTACCCACATGCACAACG
MIR397	3p	13802131	13802152 scaffold_1	minus	13802062	13802340 mature1	TGTGTTGGAATTGCGAGCAGCG
MIR398a	3p	805726	805747 scaffold_39	plus	805539	805782 mature1	TGTTAGTCTCCACCGAGGCAGG
MIR398b	3p	805601	805622 scaffold_39	minus	805533	805783 mature2	TGTTAGTCTCCACCGAGGCAGG
MIR399	3p	530705	530725 scaffold_15	minus	530684	530950 mature1	TGTTAGTCTCCACCGAGGCAGG
MIR399*	5p	530911	530932 scaffold_15	minus	530684	530950 star1	TGGACGACGATTTCATCTGACC
MIR400	5p	1341080	1341100 scaffold_26	plus	1341051	1341300 mature1	TGTTGAAATGTTGACCGTAGC
MIR401	3p	380097	380120 scaffold_8	plus	379878	380156 mature2	TGTTGACCAAGGATCGAGGGACT
MIR402	3p	1563114	1563135 scaffold_18	minus	1563092	1563210 mature1	TGTTTGGAGAGTGATGAAATGG
MIR403	5p	218258	218280 scaffold_60	plus	218198	218396 mature2?	TTAACCCAGCTGATCGTTAACCC
MIR404a	3p	1385477	1385497 scaffold_8	plus	1385272	1385546 mature1	TTAAGACAATGACCGGCATA
MIR404a*	5p	1385303	1385324 scaffold_8	plus	1385272	1385546 star1	TATGCCCGTCATTGTTCTTAAG
MIR404b	3p	1385302	1385323 scaffold_8	minus	1385263	1385527 mature1	TTAAGACAATGACCGGCATAT
MIR404b*	5p	1385476	1385497 scaffold_8	minus	1385263	1385527 star1	TATGCCCGTCATTGTTCTTAAG
MIR405	3p	2206716	2206736 scaffold_8	minus	2206685	2206890 mature2	TTAAGCGAAGTACGACTTCC
MIR406	3p	7676064	7676084 scaffold_1	minus	7676008	7676278 mature1	TTAATCGGATGGGATAAAGG
MIR407	3p	379918	379939 scaffold_8	minus	379870	380165 mature1	TTACACCAAAGGTCGAGCGACT
MIR407*	5p	380097	380118 scaffold_8	minus	379870	380165 star1	TCCCTCGATCCTTGGTGCAACA
MIR408a	5p	4503412	4503434 scaffold_1	minus	4503196	4503466 mature1	TTAGATTGCGAGACTCATGGAGA
MIR408a*	3p	4503218	4503240 scaffold_1	minus	4503196	4503466 star1	TCCATGAGTCTCGCAATCTAACA
MIR408b	5p	4503220	4503242 scaffold_1	plus	4503207	4503445 mature1	TTAGATTGCGAGACTCATGGAGA
MIR408b*	3p	4503414	4503436 scaffold_1	plus	4503207	4503445 star1	TCCATGAGTCTCGCAATCTAACA
MIR409	3p	1450566	1450589 scaffold_20	plus	1450285	1450626 mature1	TTAGGACAAAGGGGATATTGGGC
MIR409*	5p	1450325	1450348 scaffold_20	plus	1450285	1450626 star1	CCAAACATCCCCTTTGTCTTAAAG
MIR410	3p	1052138	1052160 scaffold_5	plus	1052028	1052208 mature1	TTCACCCGTGGCAGCTACCCGGC
MIR411	5p	6163	6184 scaffold_54	plus	6109	6330 mature1	TTCCTGTGCGACGAGGTCCTGG
MIR412	3p	948906	948926 scaffold_23	minus	948820	949127 mature1	TTCCCGCTCTGACCCATGCC
MIR412*	5p	949022	949042 scaffold_23	minus	948820	949127 star1	TGGCAAGGGGTCAGAACGGGA
MIR413	5p	3611742	3611763 scaffold_5	minus	3611556	3611879 mature1	TTCCGACGGTGTGGTCCCAAGC
MIR413*	3p	3611671	3611692 scaffold_5	minus	3611556	3611879 star1	TGGGACAGACCCATCGGAAGA
MIR414	3p	12674117	12674138 scaffold_1	minus	12674068	12674407 mature1	TTCGGCGAAGATGCCCTGCACC
MIR414*	5p	12674381	12674402 scaffold_1	minus	12674068	12674407 star1	TGCAGGGCATTCTCGCCGAATA
MIR415	3p	520662	520683 scaffold_31	plus	520637	520741 mature1	TTCGTCAAAGCTGCTACGCTGC
MIR416	3p	530880	530900 scaffold_15	minus	530690	530944 mature1	TTCTGTGACGTGAATCCCCT
MIR416*	5p	530733	530753 scaffold_15	plus	530690	530944 star1	TGAGGGGATTCAGCTCAACT
MIR417	5p	7654214	7654233 scaffold_1	minus	7653849	7654271 mature2	TTCTCAGCGCTCTGCCCGGC
MIR418	5p	1963103	1963125 scaffold_15	minus	1962905	1963143 mature1	TTCTGGATATCAGAGGACACACA
MIR418*	3p	1962922	1962943 scaffold_15	minus	1962905	1963143 star1	TGTGCTCTGATATGCAGAAT
MIR419	5p	60660	60681 scaffold_66	plus	60650	60753 mature1	TTCTTATCATGGTGGACAGG
MIR420a	5p	33606	33626 scaffold_86	plus	33594	33668 mature1	TTCTTCTGTGTTACGTAGC
MIR420b	5p	888109	888129 scaffold_9	minus	888066	888140 mature1	TTCTTCTGTGTTACGTAGC

MIR420c	5p	8192	8212 scaffold_38	plus	8180	8256 mature1	TTCTTCTTCTGGTTACGTAGC
MIR421	3p	432158	432179 scaffold_56	plus	431937	432245 mature1	TTGAACAAGTCGAGCGGCACTG
MIR421*	5p	431998	432019 scaffold_56	plus	431937	432245 star1	TATTTACAGTCCCGCTCGACT
MIR422	3p	874574	874594 scaffold_24	minus	874558	874756 mature1	TTGAGGGCTTAATCCACTGG
MIR423	5p	4503386	4503408 scaffold_1	minus	4503196	4503466 mature2	TTGACAGGAAATACAGAAGATC
MIR423*	3p	4503241	4503261 scaffold_1	minus	4503196	4503466 star2	TGTATTTCCCTATCAAGGTTC
MIR424	3p	1853006	1853026 scaffold_27	minus	1852911	1853359 mature1	TTGACCAGTGGAAATCCGAGC
MIR424*	5p	1853241	1853262 scaffold_27	minus	1852911	1853359 star1	TCGGAATTCATTTGGTCAACGG
MIR425	5p	145576	145596 scaffold_40	plus	145536	145839 mature1	TTGACTTGTGCAAAATGGACC
MIR426	5p	104855	104876 scaffold_78	plus	104774	105084 mature1	TTGAGCTGGGATTTAGTGCGAGA
MIR427	5p	1226785	1226807 scaffold_27	plus	1226679	1227017 mature1	TTGATGTAGAGCTTGCACCCGGG
MIR428	5p	1937459	1937479 scaffold_3	plus	1937371	1937630 mature1	TTGCATAACTGCCACCATAGA
MIR429	5p	1437642	1437663 scaffold_23	minus	1437556	1437665 mature1	TTGCCACCGTCGCCATCCCTGC
MIR429*	3p	1437557	1437578 scaffold_23	minus	1437556	1437665 star1	GGGGATGGTGATGGCGGCAGTG
MIR430	5p	4834897	4834918 scaffold_1	plus	4834891	4834951 mature1	TTGCGTGGGGTCCATCGGTAT
MIR431	3p	2822256	2822277 scaffold_5	minus	2822187	2822451 mature1	TTGTCTGCTAGACCTCGGTCCGG
MIR432	3p	4726173	4726193 scaffold_3	minus	4726163	4726384 mature1	TTGGCAAACTCTGCAAGGCA
MIR432*	5p	4726350	4726371 scaffold_3	minus	4726163	4726384 star1	TGCCTTGCAGAGATTTGCTAAG
MIR433	5p	3520136	3520157 scaffold_4	plus	3520095	3520350 mature1	TTGGCAGGCTCCGGAGCGGACT
MIR434	3p	9765	9785 scaffold_31	plus	9583	9822 mature1	TTGGGTGCCCCAAGACATTCC
MIR434*	5p	9625	9645 scaffold_31	plus	9583	9822 star1	TGTCTCGTCAACCCAAATGCA
MIR435	3p	7601	7621 scaffold_86	plus	7511	7706 mature1	TTGGTGGTGTCTTTCACCGGCA
MIR436	5p	293642	293662 scaffold_54	plus	293636	293695 mature1	TTGTACTGTAATTTTAGTT
MIR437	5p	430206	430226 scaffold_40	minus	430127	430227 mature1	TTGTCAAAGTCAAAGAGTGGG
MIR438	5p	1728477	1728498 scaffold_27	minus	1728260	1728568 mature1	TTGTCTGCGGACGAGGTGCGAGA
MIR438*	3p	1728336	1728357 scaffold_27	minus	1728260	1728568 star1	TGCTCTTCTCGACCTCGTCCGC
MIR439	5p	516710	516730 scaffold_12	minus	516508	516786 mature1	TTGTTGGTGTGAGTTTCTCTGA
MIR439*	3p	516562	516582 scaffold_12	minus	516508	516786 star1	AGGAAACTGACACCAACAAGT
MIR440	5p	2680793	2680812 scaffold_3	plus	2680791	2680897 mature1	TTGTTGTCGAGCTGATTGGG
MIR441	5p	238379	238400 scaffold_13	plus	238352	238683 mature1	TTTAAATGCTGTTGCCTTGGCC
MIR442	3p	173331	173351 scaffold_17	plus	173107	173372 mature2	TTTCAATCTCAACTTAGACTT
MIR442*	5p	173128	173150 scaffold_17	plus	173107	173372 star2	TATGTCTAAGTTGAGATCGAAAT
MIR443	3p	7653905	7653926 scaffold_1	minus	7653849	7654271 mature1	TTTCTGAACCGCAGTGGAAAGC
MIR444a	3p	430487	430508 scaffold_40	plus	430264	430542 mature1	TTTCTTCATCGCTACCTCTGAG
MIR444b	3p	430300	430321 scaffold_40	minus	430258	430543 mature1	TTTCTTCATCGCTACCTCTGAG
MIR445a	3p	541208	541229 scaffold_20	minus	541204	541297 mature1	TTTGCAAGACGGTTGGAGTGGG
MIR445b	3p	265280	265301 scaffold_31	plus	265211	265304 mature1	TTTGCAAGACGGTTGGAGTGGG
MIR446a	3p	114981	115001 scaffold_49	plus	114893	115038 mature1	TTTGGCCTGTCTGCGGAGATG
MIR446b	3p	1333521	1333541 scaffold_5	plus	1333482	1333549 mature1	TTTGGCCTGTCTGCGGAGATG
MIR447a	3p	594518	594538 scaffold_38	minus	594473	594770 mature1	TTTGGTAGCTGTTGAGACA
MIR447b	3p	594706	594726 scaffold_38	plus	594449	594794 mature1	TTTGGTAGCTGTTGAGACA
MIR448	5p	842816	842837 scaffold_6	plus	842709	843072 mature1	TTTGTGATGTCACCGTCTCGC
MIR449	3p	1326423	1326444 scaffold_2	minus	1326323	1326644 mature1	TGAGTGTGAGTCTGAGCTGGG
MIR449*	5p	1326516	1326538 scaffold_2	minus	1326323	1326644 star1	TCAGGACTCACACTCATGTCTGT