

Transcriptional regulatory network: conserved-overrepresented oligos for promoter regions only
for microRNA genes and their association to known transcription factors binding sites.

Column 0 is the overrepresented DNA oligo S labeling the set. Columns 1 ... n are the Ensembl gene_id
of the microRNA in whose promoter region the oligo S is overrepresented (p < 0.01). Only oligos surviving
the conserved-overrepresentation test (BY < 0.1) are retained. For each oligos, we report also its
association with known Transcription Factor Binding Sites, where possible. We divided the dataset according
motif length, from 6 to 9 nt in this study. In this dataset are included only microRNA genes.

At the end of each section, a validation with known TFBSs is reported, if possible.

A plain text ASCII version of this file is available at: <http://personalpages.to.infn.it/~cora/circuits/index.html>

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|--------|--------------------------------|--------------------------------|------------------------------|--------------------------------|--------------------------------|------------------------------|
| AAAACA | ENSG00000207827 hsa-mir-30a | ENSG00000199094 hsa-mir-30c-2 | | | | |
| | AAAACA Xie:RWAAACAA FOXO1 | | | | | |
| | TGTTTT Xie:TRTTTRYTYW HNF-3 | | | | | |
| AAAATA | ENSG00000199077 hsa-mir-129-2 | ENSG00000207635 hsa-mir-499 | ENSG00000199177 hsa-mir-31 | | | |
| | TATTTT Xie:TRTTTRYTYW HNF-3 | | | | | |
| AAAATG | ENSG00000207717 hsa-mir-551b | ENSG00000207725 hsa-mir-222 | ENSG00000207870 hsa-mir-221 | ENSG00000207994 hsa-mir-100 | ENSG00000207971 hsa-mir-125b-1 | ENSG00000198975 hsa-let-7a-2 |
| | CATTTT Xie:GCCATnTT YY1 | | | | | |
| AAAGAA | ENSG00000207694 hsa-mir-1-2 | ENSG00000207718 hsa-mir-15a | ENSG00000208006 hsa-mir-16-1 | | | |
| AAAGGC | ENSG00000199058 hsa-mir-302b | ENSG00000199169 hsa-mir-367 | ENSG00000199145 hsa-mir-302d | ENSG00000199102 hsa-mir-302c | ENSG00000207777 hsa-mir-10a | |
| AAAGTT | ENSG00000199085 hsa-mir-148a | ENSG00000202609 hsa-mir-488 | | | | |
| | AAAGTT Xie:GAAnnWTCK HSF2 | | | | | |
| | AACTTT Xie:GAAnnWTCK HSF2 | | | | | |
| AAATAA | ENSG00000199177 hsa-mir-31 | ENSG00000207586 hsa-mir-135a-2 | | | | |
| | AAATAA Xie:ATGCAATnA OCTAMER | | | | | |
| | AAATAA Xie:WADTAAWTA NKX6-2 | | | | | |
| | TTATTT Xie:TRTTTRYTYW HNF-3 | | | | | |
| AAATGA | ENSG00000207705 hsa-mir-129-1 | ENSG00000199172 hsa-mir-331 | ENSG00000207994 hsa-mir-100 | ENSG00000207971 hsa-mir-125b-1 | ENSG00000198975 hsa-let-7a-2 | |
| | AAATGA Xie:ATGCAATnA OCTAMER | | | | | |
| | TCATTT Xie:TTTCAnTT IRF | | | | | |
| AAATGG | ENSG00000207995 hsa-mir-325 | | | | | |
| | CCATTT Xie:GCCATnTT YY1 | | | | | |
| AACACA | ENSG00000207954 hsa-mir-138-1 | | | | | |
| AACTAC | ENSG00000208017 hsa-mir-140 | ENSG00000199177 hsa-mir-31 | ENSG00000207731 hsa-mir-506 | | | |
| | GTAGTT Xie:KTWGTTT SRY | | | | | |
| AAGAAG | ENSG00000207596 hsa-mir-194-2 | ENSG00000207648 hsa-mir-192 | | | | |
| AAGATG | ENSG00000199036 hsa-mir-219-1 | ENSG00000207791 hsa-mir-497 | ENSG00000207929 hsa-mir-195 | | | |
| | CATCTT Xie:GCCATnTT YY1 | | | | | |
| AAGCGC | ENSG00000199104 hsa-mir-346 | | | | | |
| AAGGGG | ENSG00000199036 hsa-mir-219-1 | | | | | |
| AATAAC | ENSG00000199177 hsa-mir-31 | | | | | |
| AATATT | ENSG00000199077 hsa-mir-129-2 | | | | | |
| | AAATATT Xie:GAAnnWTCK HSF2 | | | | | |
| | AAATATT Xie:GAAnnWTCK HSF2 | | | | | |
| AATGAA | ENSG00000199165 hsa-let-7a-1 | ENSG00000199072 hsa-let-7f-1 | ENSG00000199133 hsa-let-7d | ENSG00000199172 hsa-mir-331 | | |
| | TTCATT Xie:TTTCAnTT IRF | | | | | |
| AATGAC | ENSG00000207633 hsa-mir-505 | | | | | |
| | AAATGAC Xie:MnTGWCCT T3R | | | | | |
| | GTCATT Xie:KGTCAATTA IPF1 | | | | | |
| AATTAG | ENSG00000207745 hsa-mir-17 | ENSG00000207610 hsa-mir-19a | ENSG00000199149 hsa-mir-20a | | | |
| | AATTAG Xie:AAWAATTAnS PAX-4 | | | | | |
| | AAATTAG Xie:GTAATnG NCX | | | | | |
| | CTAATT Xie:CYAATTWT HOXA4 | | | | | |
| | CTAATT Xie:GCTAATTA CHX10 | | | | | |
| ACAATG | ENSG00000207649 hsa-mir-138-2 | | | | | |
| ACACAC | ENSG00000207581 hsa-mir-199b | | | | | |
| ACAGAC | ENSG00000207950 hsa-mir-296 | | | | | |
| | GTCGTG Xie:TGTCTGCT SMAD-3 | | | | | |
| ACAGAG | ENSG00000199157 hsa-mir-208 | | | | | |
| ACCCCC | ENSG00000199036 hsa-mir-219-1 | ENSG00000207811 hsa-mir-34b | ENSG00000207562 hsa-mir-34c | | | |
| | GGGGGT Xie:GRGGSTGGG CAC-BP | | | | | |
| | GGGGGT Xie:SGGRnTTTCC C-REL | | | | | |
| ACCCGG | ENSG00000199121 hsa-mir-26b | | | | | |
| ACCGCG | ENSG00000199121 hsa-mir-26b | | | | | |
| ACCGGA | ENSG00000199122 hsa-mir-148b | | | | | |
| ACCGGC | ENSG00000210741 hsa-mir-196a-1 | | | | | |
| ACCTGC | ENSG00000208005 hsa-mir-503 | ENSG00000207784 hsa-mir-542 | | | | |
| | GCAGGT Xie:GKCRGKTT TCF-1 (P) | | | | | |
| | GCAGGT Xie:RnCAGGTG MYOD | | | | | |
| ACGCCC | ENSG00000199032 hsa-mir-425 | ENSG00000199038 hsa-mir-210 | | | | |
| ACGCGC | ENSG00000198995 hsa-mir-340 | ENSG00000199038 hsa-mir-210 | ENSG00000207953 hsa-mir-212 | | | |
| ACGGCG | ENSG00000207819 hsa-mir-9-3 | | | | | |
| ACGTCA | ENSG00000207953 hsa-mir-212 | | | | | |
| | ACGTCA Xie:TGACGTMA CREB | | | | | |
| | TGACGT Xie:GTGACGTARS E4F1 | | | | | |
| | TGACGT Xie:TGACGTGG ATF6 | | | | | |
| | TGACGT Xie:TGACGTMA CREB | | | | | |
| ACTAAT | ENSG00000207694 hsa-mir-1-2 | | | | | |
| ACTACA | ENSG00000208017 hsa-mir-140 | | | | | |
| AGAGAC | ENSG00000207635 hsa-mir-499 | | | | | |
| AGAGAG | ENSG00000199157 hsa-mir-208 | ENSG00000207809 hsa-mir-139 | | | | |
| AGATAA | ENSG00000207635 hsa-mir-499 | ENSG00000199165 hsa-let-7a-1 | ENSG00000199072 hsa-let-7f-1 | ENSG00000199133 hsa-let-7d | | |
| | TTATCT Xie:GAAnnWTCK HSF2 | | | | | |
| AGCCCC | ENSG00000207550 hsa-mir-99b | ENSG00000198972 hsa-let-7e | ENSG00000207568 hsa-mir-203 | | | |
| | GGGGCT Xie:GRGGSTGGG CAC-BP | | | | | |
| | GGGGCT Xie:SGGRnTTTCC C-REL | | | | | |
| AGCCCG | ENSG00000207955 hsa-mir-219-2 | | | | | |
| | CGGGCT Xie:SGGRnTTTCC C-REL | | | | | |

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| AGCCGC | ENSG00000199104 hsa-mir-346 | ENSG00000207953 hsa-mir-212 | | | | |
| AGCCGC | ENSG00000199066 hsa-mir-330 | ENSG00000207611 hsa-mir-149 | ENSG00000207953 hsa-mir-212 | | | |
| AGCCGA | ENSG00000199047 hsa-mir-378 | ENSG00000208024 hsa-mir-199a-2 | ENSG00000207949 hsa-mir-214 | | | |
| AGCCGC | ENSG00000198984 hsa-mir-345 | ENSG00000207955 hsa-mir-219-2 | ENSG00000199122 hsa-mir-148b | | | |
| AGCCGC | ENSG00000199032 hsa-mir-425 | ENSG00000207611 hsa-mir-149 | | | | |
| AGGAGC | ENSG00000207691 hsa-mir-183 | ENSG00000207990 hsa-mir-182 | ENSG00000199158 hsa-mir-96 | | | |
| AGCCGC | ENSG00000207698 hsa-mir-32 | | | | | |
| AGGCCG | ENSG00000207630 hsa-mir-7-3 | | | | | |
| AGGGGG | ENSG00000199036 hsa-mir-219-1 | | | | | |
| AGGTTA | ENSG00000202641 hsa-mir-484 | ENSG00000207827 hsa-mir-30a | ENSG00000199094 hsa-mir-30c-2 | | | |
| ATAAAA | ENSG00000208017 hsa-mir-140 | ENSG00000199172 hsa-mir-331 | ENSG00000207717 hsa-mir-551b | ENSG00000207718 hsa-mir-15a | ENSG00000208006 hsa-mir-16-1 | |
| | ATAAAA Xie:GGYMATAAAA CDX-2 | | | | | |
| ATACAA | ENSG00000207717 hsa-mir-551b | | | | | |
| ATACAT | ENSG00000207721 hsa-mir-186 | ENSG00000207995 hsa-mir-325 | | | | |
| ATAGGC | ENSG00000207571 hsa-mir-615 | | | | | |
| ATCCGG | ENSG00000211517 hsa-mir-671 | ENSG00000199071 hsa-mir-423 | | | | |
| ATCTCG | ENSG00000207698 hsa-mir-32 | | | | | |
| ATCTTC | ENSG00000207950 hsa-mir-296 | ENSG00000207718 hsa-mir-15a | ENSG00000208006 hsa-mir-16-1 | | | |
| | ATCTTC Xie:GAAnnWTCK HSF2 | | | | | |
| | GAAGAT Xie:GAAnnWTCK HSF2 | | | | | |
| ATGCAC | ENSG00000202609 hsa-mir-488 | | | | | |
| ATGCTA | ENSG00000199065 hsa-mir-101-2 | ENSG00000207705 hsa-mir-129-1 | ENSG00000207624 hsa-mir-194-1 | ENSG00000207590 hsa-mir-215 | | |
| | TAGCAT Xie:ATTARCATAA POU3F2 | | | | | |
| ATGCTG | ENSG00000207586 hsa-mir-135a-2 | | | | | |
| ATTAGC | ENSG00000207752 hsa-mir-199a-1 | | | | | |
| | ATTAGC Xie:AAWAATTAnS PAX-4 | | | | | |
| | ATTAGC Xie:ATTARCATAA POU3F2 | | | | | |
| | GCTAAT Xie:GCTAATTA CHX10 | | | | | |
| ATTTAG | ENSG00000199165 hsa-let-7a-1 | ENSG00000199072 hsa-let-7f-1 | ENSG00000199133 hsa-let-7d | ENSG00000207624 hsa-mir-194-1 | ENSG00000207590 hsa-mir-215 | |
| CAACTG | ENSG00000199135 hsa-mir-101-1 | | | | | |
| CAAGTC | ENSG00000199032 hsa-mir-425 | ENSG00000207809 hsa-mir-139 | | | | |
| CACACA | ENSG00000199090 hsa-mir-326 | ENSG00000207581 hsa-mir-199b | | | | |
| CACACC | ENSG00000207777 hsa-mir-10a | | | | | |
| CACATG | ENSG00000207702 hsa-mir-211 | ENSG00000207731 hsa-mir-506 | ENSG00000211574 hsa-mir-770 | ENSG00000208001 hsa-mir-431 | ENSG00000199005 hsa-mir-370 | |
| CACCTG | ENSG00000198973 hsa-mir-375 | | | | | |
| | CAGGTG Xie:CAGGTGW AREB6 | | | | | |
| | CAGGTG Xie:RnCAGGTG MYOD | | | | | |
| CACGCC | ENSG00000199032 hsa-mir-425 | | | | | |
| | GGCGTG Xie:TnGCGTG AHR | | | | | |
| CAGACA | ENSG00000207730 hsa-mir-200b | ENSG00000207607 hsa-mir-200a | ENSG00000198976 hsa-mir-429 | | | |
| | TGTCTG Xie:TGTCTGTCT SMAD-3 | | | | | |
| CAGCCG | ENSG00000199104 hsa-mir-346 | ENSG00000207953 hsa-mir-212 | | | | |
| CAGCCG | ENSG00000207568 hsa-mir-203 | ENSG00000207811 hsa-mir-34b | ENSG00000207562 hsa-mir-34c | | | |
| CAGGGA | ENSG00000199161 hsa-mir-126 | ENSG00000207751 hsa-mir-130b | | | | |
| CAGTGA | ENSG00000207604 hsa-mir-206 | ENSG00000199080 hsa-mir-133b | | | | |
| CATATG | ENSG00000207638 hsa-mir-99a | ENSG00000207863 hsa-mir-125b-2 | ENSG00000211590 hsa-mir-802 | | | |
| CATGCG | ENSG00000198995 hsa-mir-340 | | | | | |
| | CATGCG Xie:YGCATGCG NRF-1 | | | | | |
| | CGCATG Xie:YGCATGCG NRF-1 | | | | | |
| CATTCA | ENSG00000207995 hsa-mir-325 | | | | | |
| CCACCC | ENSG00000199090 hsa-mir-326 | | | | | |
| | GGGTGG Xie:GRGGSTGGG CAC-BP | | | | | |
| CCACGC | ENSG00000199032 hsa-mir-425 | | | | | |
| CCAGGG | ENSG00000199059 hsa-mir-135b | ENSG00000207791 hsa-mir-497 | ENSG00000207929 hsa-mir-195 | ENSG00000207948 hsa-mir-328 | | |
| CCAGGC | ENSG00000207713 hsa-mir-200c | ENSG00000207708 hsa-mir-141 | ENSG00000207960 hsa-mir-153-2 | | | |
| CCCATC | ENSG00000199085 hsa-mir-148a | ENSG00000207604 hsa-mir-206 | ENSG00000199080 hsa-mir-133b | ENSG00000207695 hsa-mir-184 | | |
| CCCCCC | ENSG00000207730 hsa-mir-200b | ENSG00000207607 hsa-mir-200a | ENSG00000198976 hsa-mir-429 | ENSG00000207980 hsa-mir-23a | ENSG00000209707 hsa-mir-24-2 | ENSG00000207808 hsa-mir-27a |
| CCCCCG | ENSG00000199032 hsa-mir-425 | ENSG00000207811 hsa-mir-34b | ENSG00000207562 hsa-mir-34c | ENSG00000207865 hsa-mir-34a | | |
| CCCCGC | ENSG00000199032 hsa-mir-425 | ENSG00000199038 hsa-mir-210 | ENSG00000207568 hsa-mir-203 | ENSG00000207611 hsa-mir-149 | ENSG00000207739 hsa-mir-218-2 | |
| | CGGGG Xie:GGGGCGGGC SP-1 | | | | | |
| CCCCTC | ENSG00000207623 hsa-mir-205 | ENSG00000207933 hsa-mir-9-1 | | | | |
| CCCCGC | ENSG00000199038 hsa-mir-210 | ENSG00000207611 hsa-mir-149 | | | | |
| | GGCGGG Xie:GGGGCGGGC SP-1 | | | | | |
| | GGCGGG Xie:GKCRGKTT TCF-1 (P) | | | | | |
| CCCCGC | ENSG00000199032 hsa-mir-425 | ENSG00000199038 hsa-mir-210 | ENSG00000207568 hsa-mir-203 | ENSG00000207960 hsa-mir-153-2 | | |
| CCCCGA | ENSG00000199071 hsa-mir-423 | | | | | |
| | TCCGGG Xie:TTCGGGAA STATX | | | | | |
| CCCCGC | ENSG00000199038 hsa-mir-210 | ENSG00000199104 hsa-mir-346 | ENSG00000207611 hsa-mir-149 | ENSG00000207953 hsa-mir-212 | | |
| CCCCGG | ENSG00000198973 hsa-mir-375 | ENSG00000199038 hsa-mir-210 | ENSG00000207568 hsa-mir-203 | | | |
| CCCTCC | ENSG00000198973 hsa-mir-375 | ENSG00000207933 hsa-mir-9-1 | | | | |
| | GGAGGG Xie:GGGAGGG MAZ | | | | | |
| | GGAGGG Xie:RGAGGKAGG TFII-I | | | | | |
| CCGCAC | ENSG00000199121 hsa-mir-26b | | | | | |
| CCGCAG | ENSG00000199104 hsa-mir-346 | | | | | |
| CCGCCC | ENSG00000198973 hsa-mir-375 | ENSG00000199038 hsa-mir-210 | ENSG00000211563 hsa-mir-338 | | | |
| | GGGCGG Xie:GGGGCGGGC SP-1 | | | | | |
| CCGCCG | ENSG00000207611 hsa-mir-149 | ENSG00000207960 hsa-mir-153-2 | | | | |
| CCGCGC | ENSG00000199032 hsa-mir-425 | ENSG00000199038 hsa-mir-210 | ENSG00000207611 hsa-mir-149 | ENSG00000207792 hsa-mir-151 | ENSG00000207960 hsa-mir-153-2 | |
| CCGCTC | ENSG00000207811 hsa-mir-34b | ENSG00000207562 hsa-mir-34c | | | | |
| CCGGCC | ENSG00000199104 hsa-mir-346 | | | | | |
| CCGGCG | ENSG00000199104 hsa-mir-346 | ENSG00000207728 hsa-mir-449b | | | | |
| CCGGGC | ENSG00000198973 hsa-mir-375 | ENSG00000199038 hsa-mir-210 | ENSG00000207960 hsa-mir-153-2 | | | |
| CCGTAC | ENSG00000207568 hsa-mir-203 | | | | | |
| CCTCCG | ENSG00000198973 hsa-mir-375 | | | | | |
| CCTTTA | ENSG00000207795 hsa-mir-155 | | | | | |
| CGAACC | ENSG00000199104 hsa-mir-346 | | | | | |
| | GTTTCG Xie:GAAnnWTCK HSF2 | | | | | |
| CGCACC | ENSG00000207614 hsa-mir-193a | ENSG00000199187 hsa-mir-365-2 | | | | |
| CGCACG | ENSG00000199090 hsa-mir-326 | ENSG00000199121 hsa-mir-26b | | | | |
| CGCCAG | ENSG00000207955 hsa-mir-219-2 | ENSG00000208036 hsa-mir-106b | ENSG00000207547 hsa-mir-25 | ENSG00000207757 hsa-mir-93 | ENSG00000198987 hsa-mir-16-2 | |
| CGCCCA | ENSG00000199038 hsa-mir-210 | ENSG00000208036 hsa-mir-106b | ENSG00000207547 hsa-mir-25 | ENSG00000207757 hsa-mir-93 | | |

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|--------|--|--------------------------------|-------------------------------|-------------------------------|-----------------------------|
| CGCCCC | TGGGCG Xie:GTGGGSGC EGR ENSG00000207614 hsa-mir-193a GGGGCG Xie:GGGGCGGGC SP-1 | ENSG00000199187 hsa-mir-365-2 | ENSG00000198974 hsa-mir-30e | ENSG00000207962 hsa-mir-30c-1 | |
| CGCCCG | ENSG00000199038 hsa-mir-210 | ENSG00000207568 hsa-mir-203 | | | |
| CGCCCA | ENSG00000207614 hsa-mir-193a | ENSG00000199187 hsa-mir-365-2 | | | |
| CGCCGC | ENSG00000199104 hsa-mir-346 | ENSG00000207960 hsa-mir-153-2 | | | |
| CGCCTC | ENSG00000207698 hsa-mir-32 | | | | |
| CGCGAG | ENSG00000207698 hsa-mir-32 | ENSG00000208005 hsa-mir-503 | ENSG00000207784 hsa-mir-542 | | |
| CGCGCA | ENSG00000207792 hsa-mir-151 CGCGCA Xie:YGCATGCG NRF-1 | | | | |
| CGCGCC | ENSG00000199038 hsa-mir-210 | ENSG00000207614 hsa-mir-193a | ENSG00000199187 hsa-mir-365-2 | ENSG00000207617 hsa-mir-24-1 | ENSG00000207792 hsa-mir-151 |
| CGCGCG | ENSG00000199032 hsa-mir-425 | ENSG00000207960 hsa-mir-153-2 | | | |
| CGCGGC | ENSG00000199104 hsa-mir-346 | ENSG00000207953 hsa-mir-212 | | | |
| CGCTGC | ENSG00000207744 hsa-mir-10b | | | | |
| CGGCC | ENSG00000199038 hsa-mir-210 | | | | |
| CGGCCG | ENSG00000199104 hsa-mir-346 | ENSG00000207953 hsa-mir-212 | | | |
| CGGCTC | ENSG00000199104 hsa-mir-346 | ENSG00000207611 hsa-mir-149 | ENSG00000207614 hsa-mir-193a | ENSG00000199187 hsa-mir-365-2 | |
| CGGGAG | ENSG00000207614 hsa-mir-193a | ENSG00000199187 hsa-mir-365-2 | ENSG00000207698 hsa-mir-32 | | |
| CGGGAG | ENSG00000199017 hsa-mir-1-1 | ENSG00000207764 hsa-mir-133a-2 | ENSG00000208005 hsa-mir-503 | ENSG00000207784 hsa-mir-542 | |
| CGGGCC | ENSG00000199038 hsa-mir-210 | ENSG00000199121 hsa-mir-26b | ENSG00000207568 hsa-mir-203 | ENSG00000207960 hsa-mir-153-2 | ENSG00000199071 hsa-mir-423 |
| CGTAAA | ENSG00000207745 hsa-mir-17 | ENSG00000207610 hsa-mir-19a | ENSG00000199149 hsa-mir-20a | | |
| CGTCAC | ENSG00000199071 hsa-mir-423 GTGACG Xie:GTGACGTARS E4F1 | | | | |
| CGTGAC | ENSG00000199071 hsa-mir-423 CGTGAC Xie:ATCACGTGAY SREBP-1 CGTGAC Xie:MnTGWCC T3R | | | | |
| CGTTCC | ENSG00000199121 hsa-mir-26b | ENSG00000207614 hsa-mir-193a | ENSG00000199187 hsa-mir-365-2 | | |
| CTAATC | ENSG00000207702 hsa-mir-211 | | | | |
| CTCACA | ENSG00000207702 hsa-mir-211 | ENSG00000198981 hsa-mir-29a | | | |
| CTCAC | ENSG00000207656 hsa-mir-489 | | | | |
| CTCATC | ENSG00000199053 hsa-mir-324 | ENSG00000207618 hsa-mir-144 | ENSG00000207794 hsa-mir-451 | ENSG00000207731 hsa-mir-506 | |
| CTCCCC | ENSG00000207865 hsa-mir-34a GGGGAG Xie:GGGGAGGG MAZ | | | | |
| CTCCGA | ENSG00000207789 hsa-mir-26a-2 | | | | |
| CTCCGC | ENSG00000198973 hsa-mir-375 | | | | |
| CTGACA | ENSG00000207635 hsa-mir-499 | | | | |
| CTGGCG | ENSG00000199047 hsa-mir-378 | | | | |
| CTGGAC | ENSG00000207954 hsa-mir-138-1 | | | | |
| CTGGCC | ENSG00000207695 hsa-mir-184 | | | | |
| CTGTGC | ENSG00000198986 hsa-let-7a-3 | ENSG00000207875 hsa-let-7b | ENSG00000208035 hsa-mir-143 | | |
| CTTTAA | ENSG00000208037 hsa-mir-320 | ENSG00000199172 hsa-mir-331 | | | |
| GACACA | ENSG00000208036 hsa-mir-106b | ENSG00000207547 hsa-mir-25 | ENSG00000207757 hsa-mir-93 | | |
| GACCAA | ENSG00000207939 hsa-mir-223 TTGGTC Xie:YSATTGGYY NF-Y | | | | |
| GACGTC | ENSG00000207953 hsa-mir-212 GACGTC Xie:TGACGTMA CREB GACGTC Xie:TGACGTMA CREB | | | | |
| GAGCGC | ENSG00000207819 hsa-mir-9-3 | | | | |
| GATCAA | ENSG00000199157 hsa-mir-208 | | | | |
| GATTCC | ENSG00000207630 hsa-mir-7-3 | | | | |
| GCACAC | ENSG00000199090 hsa-mir-326 GTGTGC Xie:GTdTGCT DBP | ENSG00000207604 hsa-mir-206 | ENSG00000199080 hsa-mir-133b | | |
| GCAGCA | ENSG00000207950 hsa-mir-296 | ENSG00000207926 hsa-mir-135a-1 | | | |
| GCAGGA | ENSG00000199047 hsa-mir-378 | | | | |
| GCCCCA | ENSG00000207695 hsa-mir-184 | | | | |
| GCCCCC | ENSG00000207611 hsa-mir-149 GGGGC Xie:GTGGGSGC EGR | | | | |
| GCCCGC | ENSG00000199038 hsa-mir-210 | | | | |
| GCCGCC | ENSG00000207960 hsa-mir-153-2 | | | | |
| GCGAGA | ENSG00000207698 hsa-mir-32 | | | | |
| GCGAGC | ENSG00000207695 hsa-mir-184 | | | | |
| GCGCAA | ENSG00000198987 hsa-mir-16-2 | | | | |
| GCGCAC | ENSG00000207819 hsa-mir-9-3 | | | | |
| GCGCCC | ENSG00000199038 hsa-mir-210 | ENSG00000207568 hsa-mir-203 | ENSG00000207614 hsa-mir-193a | ENSG00000199187 hsa-mir-365-2 | |
| GCGCGA | GGGGC Xie:GTGGGSGC EGR ENSG00000207611 hsa-mir-149 GCGCGA Xie:GCGCSAAA E2F | | | | |
| GCGCGC | ENSG00000207792 hsa-mir-151 | | | | |
| GCGGAA | ENSG00000207721 hsa-mir-186 | | | | |
| GCGTCA | ENSG00000199043 hsa-mir-335 | ENSG00000199071 hsa-mir-423 | | | |
| GCTCCC | ENSG00000199104 hsa-mir-346 | | | | |
| GCTGCC | ENSG00000207713 hsa-mir-200c GCTGCC Xie:GCAGCTGnY AP-4 | ENSG00000207708 hsa-mir-141 | ENSG00000211574 hsa-mir-770 | ENSG00000208001 hsa-mir-431 | ENSG00000199005 hsa-mir-370 |
| GCTTCC | ENSG00000207623 hsa-mir-205 | | | | |
| GGACCC | ENSG00000207954 hsa-mir-138-1 | | | | |
| GGAGCC | ENSG00000199104 hsa-mir-346 | | | | |
| GGAGGA | ENSG00000207695 hsa-mir-184 | ENSG00000207865 hsa-mir-34a | | | |
| GGATTA | ENSG00000208017 hsa-mir-140 GGATTA Xie:KGRGATTA CRX GGATTA Xie:YTGGAATTA PITX2 | | | | |
| GGCAAC | ENSG00000199065 hsa-mir-101-2 | | | | |
| GGCCCC | ENSG00000207739 hsa-mir-218-2 | ENSG00000207791 hsa-mir-497 | ENSG00000207929 hsa-mir-195 | | |
| GGCGAA | ENSG00000199024 hsa-mir-103-2 | | | | |
| GGCGCA | ENSG00000207568 hsa-mir-203 | | | | |
| GGCGCC | ENSG00000207953 hsa-mir-212 | ENSG00000208036 hsa-mir-106b | ENSG00000207547 hsa-mir-25 | ENSG00000207757 hsa-mir-93 | |
| GGCGGA | ENSG00000198973 hsa-mir-375 | | | | |
| GGGACC | ENSG00000207568 hsa-mir-203 | ENSG00000207933 hsa-mir-9-1 | | | |
| GGGGAA | ENSG00000199077 hsa-mir-129-2 | ENSG00000211563 hsa-mir-338 | | | |
| GGGTGA | ENSG00000207980 hsa-mir-23a | ENSG00000209707 hsa-mir-24-2 | ENSG00000207808 hsa-mir-27a | | |
| GGTAAC | ENSG00000207935 hsa-mir-204 | | | | |
| GTGTGA | ENSG00000207726 hsa-mir-455 | ENSG00000207939 hsa-mir-223 | | | |

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|----------|-----------------------------------|--------------------------------|------------------------------|------------------------------|-----------------------------|------------------------------|--|--|--|
| TAAGGA | ENSG00000202569 hsa-mir-146b | | | | | | | | |
| TAATTA | ENSG00000207638 hsa-mir-99a | ENSG00000207863 hsa-mir-125b-2 | | | | | | | |
| | TAATTA Xie:AAWAATTAnS PAX-4 | | | | | | | | |
| | TAATTA Xie:CYAATTWT HOXA4 | | | | | | | | |
| | TAATTA Xie:GCTAATTA CHX10 | | | | | | | | |
| | TAATTA Xie:GTAAKTnG NCX | | | | | | | | |
| | TAATTA Xie:TTAATTAATT LHX3 | | | | | | | | |
| | TAATTA Xie:WadTAAWTA NKX6-2 | | | | | | | | |
| | TAATTA Xie:AAWAATTAnS PAX-4 | | | | | | | | |
| | TAATTA Xie:CYAATTWT HOXA4 | | | | | | | | |
| | TAATTA Xie:GCTAATTA CHX10 | | | | | | | | |
| | TAATTA Xie:GTAAKTnG NCX | | | | | | | | |
| | TAATTA Xie:TTAATTAATT LHX3 | | | | | | | | |
| | TAATTA Xie:WadTAAWTA NKX6-2 | | | | | | | | |
| TACGGA | ENSG00000207789 hsa-mir-26a-2 | | | | | | | | |
| TGCAAA | ENSG00000202641 hsa-mir-484 | | | | | | | | |
| | TGCAAA Xie:ATGCAAATnA OCTAMER | | | | | | | | |
| TGGCCA | ENSG00000199032 hsa-mir-425 | | | | | | | | |
| TTTAAA | ENSG00000198995 hsa-mir-340 | ENSG00000207548 hsa-mir-217 | | | | | | | |
| AAAAGTT | ENSG00000199085 hsa-mir-148a | | | | | | | | |
| AAAAATAG | ENSG00000199017 hsa-mir-1-1 | ENSG00000207764 hsa-mir-133a-2 | | | | | | | |
| | AAAAATAG Xie:YTAAAWATAGCY MEF-2 | | | | | | | | |
| | CTATTTT Xie:TGACCTAnWTW RORALPHA2 | | | | | | | | |
| AAACTCC | ENSG00000199077 hsa-mir-129-2 | ENSG00000207726 hsa-mir-455 | | | | | | | |
| | GGAGTTT Xie:SGGRnTTTCC C-REL | | | | | | | | |
| AAAGGCA | ENSG00000199058 hsa-mir-302b | ENSG00000199169 hsa-mir-367 | ENSG00000199145 hsa-mir-302d | ENSG00000199102 hsa-mir-302c | | | | | |
| AAATATT | ENSG00000199077 hsa-mir-129-2 | ENSG00000207633 hsa-mir-505 | | | | | | | |
| AAATGAA | ENSG00000207705 hsa-mir-129-1 | ENSG00000199172 hsa-mir-331 | | | | | | | |
| | TTCATTT Xie:CAGTTTCAYTTY ICSBP | | | | | | | | |
| | TTCATTT Xie:TTTCAnTT IRF | | | | | | | | |
| AAATGCA | ENSG00000207994 hsa-mir-100 | ENSG00000207971 hsa-mir-125b-1 | ENSG00000198975 hsa-let-7a-2 | | | | | | |
| AACAAGC | ENSG00000207618 hsa-mir-144 | ENSG00000207794 hsa-mir-451 | | | | | | | |
| AACACCA | ENSG00000207725 hsa-mir-222 | ENSG00000207870 hsa-mir-221 | | | | | | | |
| AACCTGC | ENSG00000207705 hsa-mir-129-1 | | | | | | | | |
| | GCAGGTT Xie:GKCRGKTT TCF-1 (P) | | | | | | | | |
| AACCTTG | ENSG00000207777 hsa-mir-10a | | | | | | | | |
| AACTACA | ENSG00000208017 hsa-mir-140 | ENSG00000199177 hsa-mir-31 | ENSG00000207698 hsa-mir-32 | | | | | | |
| | TGTAGTT Xie:GTGYARTTAAT AFP1 | | | | | | | | |
| AACTGCC | ENSG00000207638 hsa-mir-99a | ENSG00000207863 hsa-mir-125b-2 | ENSG00000207744 hsa-mir-10b | | | | | | |
| AAGACCC | ENSG00000199036 hsa-mir-219-1 | ENSG00000199121 hsa-mir-26b | ENSG00000207782 hsa-mir-150 | | | | | | |
| AAGATGG | ENSG00000199036 hsa-mir-219-1 | ENSG00000199085 hsa-mir-148a | ENSG00000199157 hsa-mir-208 | ENSG00000207791 hsa-mir-497 | ENSG00000207929 hsa-mir-195 | ENSG00000198987 hsa-mir-16-2 | | | |
| | CCATCTT Xie:GCCATnTT YY1 | | | | | | | | |
| AAGCGGG | ENSG00000207953 hsa-mir-212 | | | | | | | | |
| AAGTGAC | ENSG00000207586 hsa-mir-135a-2 | | | | | | | | |
| AATGGGC | ENSG00000207597 hsa-mir-490 | | | | | | | | |
| AATTTAA | ENSG00000207795 hsa-mir-155 | | | | | | | | |
| | AATTTAA Xie:WadTAAWTA NKX6-2 | | | | | | | | |
| AATTAGT | ENSG00000199165 hsa-let-7a-1 | ENSG00000199072 hsa-let-7f-1 | ENSG00000199133 hsa-let-7d | ENSG00000207745 hsa-mir-17 | ENSG00000207610 hsa-mir-19a | ENSG00000199149 hsa-mir-20a | | | |
| ACATGGA | ENSG00000207954 hsa-mir-138-1 | | | | | | | | |
| ACATTTT | ENSG00000198995 hsa-mir-340 | ENSG00000207795 hsa-mir-155 | | | | | | | |
| ACCACTG | ENSG00000207950 hsa-mir-296 | ENSG00000198981 hsa-mir-29a | | | | | | | |
| ACCATAG | ENSG00000211517 hsa-mir-671 | ENSG00000207782 hsa-mir-150 | | | | | | | |
| ACCCCCG | ENSG00000207953 hsa-mir-212 | | | | | | | | |
| ACCCCTT | ENSG00000199036 hsa-mir-219-1 | ENSG00000199077 hsa-mir-129-2 | ENSG00000199085 hsa-mir-148a | ENSG00000207782 hsa-mir-150 | | | | | |
| ACCGATA | ENSG00000199085 hsa-mir-148a | ENSG00000202641 hsa-mir-484 | | | | | | | |
| ACCGGAA | ENSG00000199122 hsa-mir-148b | | | | | | | | |
| | ACCGGAA Xie:vCCGGAAGnGCR GABP | | | | | | | | |
| ACCGGAG | ENSG00000199104 hsa-mir-346 | | | | | | | | |
| ACCTCCA | ENSG00000207571 hsa-mir-615 | ENSG00000208009 hsa-mir-130a | | | | | | | |
| ACCTGCT | ENSG00000207623 hsa-mir-205 | | | | | | | | |
| | AGCAGGT Xie:RncAGGTG MYOD | | | | | | | | |
| ACGCCCC | ENSG00000199032 hsa-mir-425 | | | | | | | | |
| ACTACAA | ENSG00000207698 hsa-mir-32 | ENSG00000207790 hsa-mir-29b-2 | ENSG00000207966 hsa-mir-29c | | | | | | |
| ACTGCGG | ENSG00000199104 hsa-mir-346 | | | | | | | | |
| ACTTCAC | ENSG00000207731 hsa-mir-506 | ENSG00000208005 hsa-mir-503 | ENSG00000207784 hsa-mir-542 | | | | | | |
| ACTTCCG | ENSG00000207721 hsa-mir-186 | | | | | | | | |
| | ACTTCCG Xie:CAntTCCS STAT1 | | | | | | | | |
| | CGGAAGT Xie:CCGGAART ELK-1 | | | | | | | | |
| | CGGAAGT Xie:MGGAWGT PEA3 | | | | | | | | |
| | CGGAAGT Xie:vCCGGAAGnGCR GABP | | | | | | | | |
| ACTTCCCT | ENSG00000207980 hsa-mir-23a | ENSG00000209707 hsa-mir-24-2 | ENSG00000207808 hsa-mir-27a | | | | | | |
| | ACTTCCCT Xie:CACTTCCTG ETS | | | | | | | | |
| | AGGAAGT Xie:AGGAART ELF-1 | | | | | | | | |
| | AGGAAGT Xie:CAGGAAGTAR TEL-2 | | | | | | | | |
| | AGGAAGT Xie:MGGAWGT PEA3 | | | | | | | | |
| AGAGAAG | ENSG00000202641 hsa-mir-484 | | | | | | | | |
| AGAGTCA | ENSG00000199082 hsa-mir-342 | ENSG00000199177 hsa-mir-31 | | | | | | | |
| AGATGCC | ENSG00000207691 hsa-mir-183 | ENSG00000207990 hsa-mir-182 | ENSG00000199158 hsa-mir-96 | | | | | | |
| AGATGGA | ENSG00000199157 hsa-mir-208 | | | | | | | | |
| AGCACCG | ENSG00000207960 hsa-mir-153-2 | | | | | | | | |
| AGCCCGG | ENSG00000198973 hsa-mir-375 | | | | | | | | |
| AGCCGCG | ENSG00000199032 hsa-mir-425 | ENSG00000199104 hsa-mir-346 | ENSG00000207953 hsa-mir-212 | | | | | | |
| AGCGCAG | ENSG00000207656 hsa-mir-489 | | | | | | | | |
| AGCGGGA | ENSG00000207732 hsa-mir-218-1 | ENSG00000207811 hsa-mir-34b | ENSG00000207562 hsa-mir-34c | | | | | | |
| AGCTATA | ENSG00000202609 hsa-mir-488 | | | | | | | | |
| | TATAGCT Xie:YTAAAWATAGCY MEF-2 | | | | | | | | |
| AGGAAGA | ENSG00000199090 hsa-mir-326 | ENSG00000207791 hsa-mir-497 | ENSG00000207929 hsa-mir-195 | ENSG00000207819 hsa-mir-9-3 | ENSG00000207933 hsa-mir-9-1 | | | | |
| AGGACAC | ENSG00000207635 hsa-mir-499 | | | | | | | | |
| | GTGTCTT Xie:MnTGWCCT T3R | | | | | | | | |
| AGGAGAC | ENSG00000207805 hsa-mir-483 | ENSG00000207960 hsa-mir-153-2 | | | | | | | |
| AGGATAT | ENSG00000199172 hsa-mir-331 | ENSG00000207995 hsa-mir-325 | | | | | | | |

AGGCCGA ENSG00000207630|hsa-mir-7-3
AGGGAGC ENSG00000207611|hsa-mir-149 ENSG00000208036|hsa-mir-106b ENSG00000207547|hsa-mir-25 ENSG00000207757|hsa-mir-93
AGGGCGG ENSG00000207751|hsa-mir-130b
AGGGGCG ENSG00000202641|hsa-mir-484
AGGTGCG ENSG00000198973|hsa-mir-375 ENSG00000207739|hsa-mir-218-2
AGGTTCC ENSG00000198984|hsa-mir-345
AGTTACC ENSG00000207651|hsa-mir-28
ATCAAAT ENSG00000207718|hsa-mir-15a ENSG00000208006|hsa-mir-16-1
ATCCACG ENSG00000207633|hsa-mir-505
ATCCAGG ENSG00000199165|hsa-let-7a-1 ENSG00000199072|hsa-let-7f-1 ENSG00000199133|hsa-let-7d ENSG00000208009|hsa-mir-130a
ATCCCGG ENSG00000199017|hsa-mir-1-1 ENSG00000207764|hsa-mir-133a-2 ENSG00000207751|hsa-mir-130b
ATCCGGG ENSG00000199071|hsa-mir-423
ATCGATA ENSG00000207611|hsa-mir-149 ENSG00000198987|hsa-mir-16-2 ENSG00000199071|hsa-mir-423
ATCGATA Xie:RnTAATCGATnW CDP
ATCTCGC ENSG00000207698|hsa-mir-32
ATCTCTC ENSG00000207809|hsa-mir-139
ATGCAAA ENSG00000202641|hsa-mir-484
ATGCAAA Xie:ATGCAAAtnA OCTAMER
ATGCACA ENSG00000202609|hsa-mir-488
ATGCCCA ENSG00000207792|hsa-mir-151
ATGTATA ENSG00000207721|hsa-mir-186
ATTCATA ENSG00000207695|hsa-mir-184
ATTGACA ENSG00000207717|hsa-mir-551b
ATTGGAC ENSG00000207702|hsa-mir-211
ATTGGCC ENSG00000199122|hsa-mir-148b ENSG00000207638|hsa-mir-99a ENSG00000207863|hsa-mir-125b-2
ATTGGCC Xie:YSATTGGYY NF-Y
ATTGGTG ENSG00000199077|hsa-mir-129-2
ATTTACC ENSG00000207694|hsa-mir-1-2
ATTTCTA ENSG00000199077|hsa-mir-129-2
ATTTTTA ENSG00000207721|hsa-mir-186
TAAAAAT Xie:YTAAAWATAGCY MEF-2
CAAATA ENSG00000199058|hsa-mir-302b ENSG00000199169|hsa-mir-367 ENSG00000199145|hsa-mir-302d ENSG00000199102|hsa-mir-302c
CAAAACAG ENSG00000207805|hsa-mir-483
CAAGATG ENSG00000199036|hsa-mir-219-1 ENSG00000207691|hsa-mir-183 ENSG00000207990|hsa-mir-182 ENSG00000199158|hsa-mir-96
CAATCCC ENSG00000199059|hsa-mir-135b ENSG00000207995|hsa-mir-325
CAATCCC Xie:RTGCAATMCCC CHOP-C/EBPALPHA
CAATGGG ENSG00000199036|hsa-mir-219-1 ENSG00000207739|hsa-mir-218-2
CAATTCC ENSG00000207571|hsa-mir-615
CAATTCC Xie:CANtTCCS STAT1
CACAAAC ENSG00000207730|hsa-mir-200b ENSG00000207607|hsa-mir-200a ENSG00000198976|hsa-mir-429
CACCTGC ENSG00000198973|hsa-mir-375
GCAGGTG Xie:RnCAGGTG MYOD
CACCTGG ENSG00000199032|hsa-mir-425 ENSG00000207571|hsa-mir-615 ENSG00000207797|hsa-mir-187
CCAGGTG Xie:RnCAGGTG MYOD
CACCTTA ENSG00000202609|hsa-mir-488
CACGCCC ENSG00000199032|hsa-mir-425
CACGCGC ENSG00000207617|hsa-mir-24-1
CACGTGA ENSG00000207950|hsa-mir-296
CACGTGA Xie:ATCACGTGAY SREBP-1
TCACGTG Xie:ATCACGTGAY SREBP-1
CACTAAC ENSG00000207694|hsa-mir-1-2
CACTTCC ENSG00000207939|hsa-mir-223
CACTTCC Xie:CACTTCCTG ETS
CACTTCC Xie:CANtTCCS STAT1
GGAAGTG Xie:vCCGGAAGnGCR GABP
CACTTTC ENSG00000199161|hsa-mir-126 ENSG00000211574|hsa-mir-770 ENSG00000208001|hsa-mir-431 ENSG00000199005|hsa-mir-370
CAGAAAA ENSG00000207745|hsa-mir-17 ENSG00000207610|hsa-mir-19a ENSG00000199149|hsa-mir-20a
CAGACAG ENSG00000207730|hsa-mir-200b ENSG00000207607|hsa-mir-200a ENSG00000198976|hsa-mir-429
CAGCATG ENSG00000207586|hsa-mir-135a-2
CAGCGCC ENSG00000199122|hsa-mir-148b ENSG00000207744|hsa-mir-10b
CAGGCCG ENSG00000199043|hsa-mir-335
CATAATG ENSG00000199004|hsa-mir-21
CATAGAG ENSG00000202569|hsa-mir-146b ENSG00000211517|hsa-mir-671
CATGCGC ENSG00000207792|hsa-mir-151
GCGCATG Xie:YCGCATGCG NRF-1
CATGCTC ENSG00000199088|hsa-mir-379 ENSG00000207749|hsa-mir-299 ENSG00000198982|hsa-mir-380 ENSG00000199069|hsa-mir-323 ENSG00000211582|hsa-mir-758 ENSG00000207761|hsa-mir-329-1 ENSG00000194717|hsa-mir-494
ENSG00000207743|hsa-mir-495 ENSG00000199020|hsa-mir-381 ENSG00000207754|hsa-mir-487b ENSG00000202560|hsa-mir-539
ENSG00000199107|hsa-mir-409 ENSG00000199012|hsa-mir-412 ENSG00000199025|hsa-mir-369 ENSG00000199092|hsa-mir-410
CAATCAC ENSG00000199165|hsa-let-7a-1 ENSG00000199072|hsa-let-7f-1 ENSG00000199133|hsa-let-7d
CAATTCC ENSG00000207797|hsa-mir-187 ENSG00000207995|hsa-mir-325
CAATTCC Xie:CANtTCCS STAT1
CCAATCC ENSG00000199059|hsa-mir-135b
CCAATGA ENSG00000199122|hsa-mir-148b
CCAATGA Xie:CAGCCAATGAG ALPHA-CP1
TCATTGG Xie:YSATTGGYY NF-Y
CCACATC ENSG00000207691|hsa-mir-183 ENSG00000207990|hsa-mir-182 ENSG00000199158|hsa-mir-96
CCACCAA ENSG00000207694|hsa-mir-1-2
CCATAGA ENSG00000211517|hsa-mir-671
CCATTAA ENSG00000207602|hsa-mir-106a ENSG00000207572|hsa-mir-363 ENSG00000207710|hsa-mir-20b
CCCAATC ENSG00000210741|hsa-mir-196a-1
CCCCCTC ENSG00000207980|hsa-mir-23a ENSG00000209707|hsa-mir-24-2 ENSG00000207808|hsa-mir-27a
CCCCCGC ENSG00000207960|hsa-mir-153-2
CCCCTTC ENSG00000199036|hsa-mir-219-1 ENSG00000207933|hsa-mir-9-1
CCCGCCC ENSG00000199038|hsa-mir-210 ENSG00000207698|hsa-mir-32
GGCGGG Xie:GGGCGGGC SP-1
CCCGCGC ENSG00000199032|hsa-mir-425 ENSG00000207611|hsa-mir-149 ENSG00000207792|hsa-mir-151 ENSG00000207960|hsa-mir-153-2
CCCGCTC ENSG00000207732|hsa-mir-218-1
CCGAAAG ENSG00000198974|hsa-mir-30e ENSG00000207962|hsa-mir-30c-1
CCGCCCG ENSG00000198973|hsa-mir-375 ENSG00000199038|hsa-mir-210
CCGCCCG ENSG00000199104|hsa-mir-346
CCGCCCG MATCH:V\$ETF_Q6 ETF

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| CCGCCTC | ENSG00000207630 hsa-mir-7-3 | ENSG00000207721 hsa-mir-186 | | | | | | |
| CCGCGCG | ENSG00000199032 hsa-mir-425 | ENSG00000207960 hsa-mir-153-2 | | | | | | |
| CCGGGCG | ENSG00000198973 hsa-mir-375 | ENSG00000199038 hsa-mir-210 | | | | | | |
| CCGTTTCG | ENSG00000198987 hsa-mir-16-2 | ENSG00000207744 hsa-mir-10b | ENSG00000208005 hsa-mir-503 | ENSG00000207784 hsa-mir-542 | | | | |
| CCTATGC | ENSG00000207571 hsa-mir-615 | | | | | | | |
| CCTCCCC | ENSG00000207777 hsa-mir-10a | ENSG00000207865 hsa-mir-34a | | | | | | |
| | GGGGAGG Xie:GGGGAGGG MAZ | | | | | | | |
| CCTCCGC | ENSG00000198973 hsa-mir-375 | | | | | | | |
| CCTGAAG | ENSG00000207630 hsa-mir-7-3 | | | | | | | |
| CCTGACA | ENSG00000198984 hsa-mir-345 | | | | | | | |
| CCTGCAA | ENSG00000207695 hsa-mir-184 | ENSG00000207698 hsa-mir-32 | | | | | | |
| CCTGCGC | ENSG00000199047 hsa-mir-378 | | | | | | | |
| CCTTTAA | ENSG00000199172 hsa-mir-331 | | | | | | | |
| CGACGCC | ENSG00000207568 hsa-mir-203 | | | | | | | |
| CGAGCGC | ENSG00000207739 hsa-mir-218-2 | | | | | | | |
| CGCAACG | ENSG00000208005 hsa-mir-503 | ENSG00000207784 hsa-mir-542 | | | | | | |
| CGCACAC | ENSG00000199090 hsa-mir-326 | | | | | | | |
| CGCAGGC | ENSG00000199047 hsa-mir-378 | | | | | | | |
| | CGCAGGC Xie:GCCnnnGGC AP-2ALPHA | | | | | | | |
| | GCCTGCG Xie:GCCnnnGGC AP-2ALPHA | | | | | | | |
| CGCATGC | ENSG00000207792 hsa-mir-151 | | | | | | | |
| | CGCATGC Xie:YGCATGCG NRF-1 | | | | | | | |
| | GCATGCG Xie:YGCATGCG NRF-1 | | | | | | | |
| CGCCCC | ENSG00000198974 hsa-mir-30e | ENSG00000207962 hsa-mir-30c-1 | | | | | | |
| CGCCCGC | ENSG00000199038 hsa-mir-210 | | | | | | | |
| CGCCGAG | ENSG00000207614 hsa-mir-193a | ENSG00000199187 hsa-mir-365-2 | | | | | | |
| CGCCGCA | ENSG00000199104 hsa-mir-346 | | | | | | | |
| CGCCGCC | ENSG00000207960 hsa-mir-153-2 | | | | | | | |
| CGCCGCG | ENSG00000199038 hsa-mir-210 | | | | | | | |
| CGCCGTA | ENSG00000199071 hsa-mir-423 | | | | | | | |
| CGCCTCC | ENSG00000207611 hsa-mir-149 | ENSG00000207960 hsa-mir-153-2 | ENSG00000207698 hsa-mir-32 | | | | | |
| CGCCTGA | ENSG00000198995 hsa-mir-340 | | | | | | | |
| CGCCTGC | ENSG00000207744 hsa-mir-10b | | | | | | | |
| CGCGAGA | ENSG00000207698 hsa-mir-32 | | | | | | | |
| CGCGCCC | ENSG00000207614 hsa-mir-193a | ENSG00000199187 hsa-mir-365-2 | | | | | | |
| CGCGCCG | ENSG00000199038 hsa-mir-210 | ENSG00000207792 hsa-mir-151 | | | | | | |
| CGCGCGC | ENSG00000207960 hsa-mir-153-2 | | | | | | | |
| CGCTCCG | ENSG00000211563 hsa-mir-338 | | | | | | | |
| CGGGCAC | ENSG00000208005 hsa-mir-503 | ENSG00000207784 hsa-mir-542 | | | | | | |
| CGGGGGA | ENSG00000199032 hsa-mir-425 | ENSG00000207865 hsa-mir-34a | | | | | | |
| CGGGTCA | ENSG00000208017 hsa-mir-140 | | | | | | | |
| CGGTGCC | ENSG00000199065 hsa-mir-101-2 | | | | | | | |
| CGTCACC | ENSG00000199032 hsa-mir-425 | | | | | | | |
| | CGTCACC Xie:CCGCACGMnnC HIF-1 | | | | | | | |
| CGTCACG | ENSG00000199071 hsa-mir-423 | | | | | | | |
| CGTCGTA | ENSG00000199065 hsa-mir-101-2 | | | | | | | |
| CGTGCGC | ENSG00000199090 hsa-mir-326 | | | | | | | |
| CGTGGGA | ENSG00000207568 hsa-mir-203 | | | | | | | |
| | TCCCACG Xie:GGYATTCCCAnd IK-1 | | | | | | | |
| CTAATCC | ENSG00000207702 hsa-mir-211 | ENSG00000199122 hsa-mir-148b | | | | | | |
| CTCACAC | ENSG00000207726 hsa-mir-455 | | | | | | | |
| CTCACCC | ENSG00000199059 hsa-mir-135b | ENSG00000207980 hsa-mir-23a | ENSG00000209707 hsa-mir-24-2 | ENSG00000207808 hsa-mir-27a | | | | |
| CTCCGAG | ENSG00000198973 hsa-mir-375 | | | | | | | |
| CTCCGCC | ENSG00000198973 hsa-mir-375 | | | | | | | |
| CTGAACA | ENSG00000199153 hsa-mir-30d | ENSG00000207582 hsa-mir-30b | | | | | | |
| CTGCAAA | ENSG00000207805 hsa-mir-483 | | | | | | | |
| CTGGGGC | ENSG00000207695 hsa-mir-184 | | | | | | | |
| | CTGGGGC Xie:GCCnnnGGC AP-2ALPHA | | | | | | | |
| | GCCCCAG Xie:GCCnnnGGC AP-2ALPHA | | | | | | | |
| CTGTCTC | ENSG00000207705 hsa-mir-129-1 | | | | | | | |
| CTTAAAG | ENSG00000199172 hsa-mir-331 | | | | | | | |
| CTTCCGC | ENSG00000207721 hsa-mir-186 | | | | | | | |
| CTTGACA | ENSG00000207782 hsa-mir-150 | | | | | | | |
| CTTGCAA | ENSG00000211590 hsa-mir-802 | | | | | | | |
| CTTTGCA | ENSG00000207805 hsa-mir-483 | ENSG00000202609 hsa-mir-488 | | | | | | |
| GAAATAA | ENSG00000207692 hsa-mir-592 | | | | | | | |
| GAAATGA | ENSG00000211590 hsa-mir-802 | | | | | | | |
| | TCATTTC Xie:CAGTTTCAYTTY ICSBP | | | | | | | |
| GAAGTCC | ENSG00000207792 hsa-mir-151 | ENSG00000199058 hsa-mir-302b | ENSG00000199169 hsa-mir-367 | ENSG00000199145 hsa-mir-302d | ENSG00000199102 hsa-mir-302c | | | |
| GAAGTGA | ENSG00000207939 hsa-mir-223 | | | | | | | |
| | TCACTTC Xie:CAGTTTCAYTTY ICSBP | | | | | | | |
| GACGCAC | ENSG00000208037 hsa-mir-320 | | | | | | | |
| GACGTCA | ENSG00000207953 hsa-mir-212 | | | | | | | |
| | GACGTCA Xie:TGACGTCARRG ATF-1 | | | | | | | |
| | GACGTCA Xie:TGACGTMA CREB | | | | | | | |
| | TGACGTC Xie:TGACGTCARRG ATF-1 | | | | | | | |
| | TGACGTC Xie:TGACGTMA CREB | | | | | | | |
| GACTACA | ENSG00000208009 hsa-mir-130a | | | | | | | |
| GACTTCA | ENSG00000199058 hsa-mir-302b | ENSG00000199169 hsa-mir-367 | ENSG00000199145 hsa-mir-302d | ENSG00000199102 hsa-mir-302c | ENSG00000199165 hsa-let-7a-1 | ENSG00000199072 hsa-let-7f-1 | ENSG00000199133 hsa-let-7d | |
| | ENSG00000207718 hsa-mir-15a | ENSG00000208006 hsa-mir-16-1 | | | | | | |
| GAGACGC | ENSG00000207953 hsa-mir-212 | ENSG00000208005 hsa-mir-503 | ENSG00000207784 hsa-mir-542 | | | | | |
| GAGAGGA | ENSG00000207865 hsa-mir-34a | | | | | | | |
| GATCAAA | ENSG00000207777 hsa-mir-10a | | | | | | | |
| GATGCAA | ENSG00000207586 hsa-mir-135a-2 | | | | | | | |
| GATGTCC | ENSG00000208005 hsa-mir-503 | ENSG00000207784 hsa-mir-542 | | | | | | |
| GCACCGC | ENSG00000199065 hsa-mir-101-2 | ENSG00000208005 hsa-mir-503 | ENSG00000207784 hsa-mir-542 | | | | | |
| GCAGCGC | ENSG00000207811 hsa-mir-34b | ENSG00000207562 hsa-mir-34c | | | | | | |
| GCAGGTA | ENSG00000208005 hsa-mir-503 | ENSG00000207784 hsa-mir-542 | | | | | | |
| GCATGCC | ENSG00000207792 hsa-mir-151 | | | | | | | |
| GCCACCC | ENSG00000207568 hsa-mir-203 | | | | | | | |
| GCCACGC | ENSG00000199032 hsa-mir-425 | | | | | | | |

| | | | | | | |
|----------|--------------------------------|--------------------------------|--------------------------------|-------------------------------|-----------------------------|--------------------------------|
| GCCCCC | ENSG00000207730 hsa-mir-200b | ENSG00000207607 hsa-mir-200a | ENSG00000198976 hsa-mir-429 | | | |
| GCCCCG | ENSG00000199038 hsa-mir-210 | ENSG00000207614 hsa-mir-193a | ENSG00000199187 hsa-mir-365-2 | ENSG00000207739 hsa-mir-218-2 | | |
| | GCGGGG Xie:GGGCGGGG SP-1 | | | | | |
| GCCCGG | ENSG00000199038 hsa-mir-210 | | | | | |
| GCCCGC | ENSG00000199104 hsa-mir-346 | ENSG00000207960 hsa-mir-153-2 | | | | |
| GCCGTC | ENSG00000207960 hsa-mir-153-2 | | | | | |
| GCGCCG | ENSG00000207960 hsa-mir-153-2 | | | | | |
| GCGGAG | ENSG00000207953 hsa-mir-212 | | | | | |
| GCTGAC | ENSG00000199172 hsa-mir-331 | | | | | |
| GGAAAG | ENSG00000207995 hsa-mir-325 | | | | | |
| | GGAAAG Xie:WGGAAAnW NF-AT | | | | | |
| GGAGGG | ENSG00000207933 hsa-mir-9-1 | | | | | |
| | GGAGGG Xie:RGAGGKAGG TFII-I | | | | | |
| GGATGC | ENSG00000207586 hsa-mir-135a-2 | | | | | |
| GGCAAC | ENSG00000199023 hsa-mir-339 | | | | | |
| GGCCAA | ENSG00000207791 hsa-mir-497 | ENSG00000207929 hsa-mir-195 | ENSG00000207926 hsa-mir-135a-1 | | | |
| GCCCGC | ENSG00000198973 hsa-mir-375 | | | | | |
| GCGCCA | ENSG00000207567 hsa-mir-142 | ENSG00000208036 hsa-mir-106b | ENSG00000207547 hsa-mir-25 | ENSG00000207757 hsa-mir-93 | | |
| GCGGGA | ENSG00000208037 hsa-mir-320 | | | | | |
| GCGGGA | ENSG00000207960 hsa-mir-153-2 | ENSG00000207698 hsa-mir-32 | | | | |
| GGGCAA | ENSG00000199036 hsa-mir-219-1 | | | | | |
| GGGAGG | ENSG00000207865 hsa-mir-34a | | | | | |
| GGGATTA | ENSG00000199122 hsa-mir-148b | | | | | |
| | GGGATTA Xie:KGRGATTA CRX | | | | | |
| | GGGATTA Xie:YTGGAATTA PITX2 | | | | | |
| GGCGGA | ENSG00000198973 hsa-mir-375 | ENSG00000199038 hsa-mir-210 | | | | |
| GTAATTA | ENSG00000207638 hsa-mir-99a | ENSG00000207863 hsa-mir-125b-2 | | | | |
| | GTAATTA Xie:GTAAKTnG NCX | | | | | |
| | GTAATTA Xie:GTGYARTTAAT AFP1 | | | | | |
| | GTAATTA Xie:WAdTAAWTA NKX6-2 | | | | | |
| | TAATTAC Xie:AAWAATTAnS PAX-4 | | | | | |
| GTGACAC | ENSG00000199036 hsa-mir-219-1 | | | | | |
| GTCCTGA | ENSG00000199089 hsa-mir-202 | ENSG00000210741 hsa-mir-196a-1 | | | | |
| GTGGCCA | ENSG00000207638 hsa-mir-99a | ENSG00000207863 hsa-mir-125b-2 | | | | |
| GTGTCCA | ENSG00000199122 hsa-mir-148b | | | | | |
| GTTGCCA | ENSG00000199065 hsa-mir-101-2 | | | | | |
| GTTTACA | ENSG00000207777 hsa-mir-10a | ENSG00000207797 hsa-mir-187 | | | | |
| | TGTAAAC Xie:TTATRTWAACAT TEF | | | | | |
| TAATCGA | ENSG00000199036 hsa-mir-219-1 | | | | | |
| | TAATCGA Xie:RnTAATCGATnW CDP | | | | | |
| | TCGATTA Xie:RnTAATCGATnW CDP | | | | | |
| TACCAA | ENSG00000207717 hsa-mir-551b | ENSG00000207725 hsa-mir-222 | ENSG00000207870 hsa-mir-221 | | | |
| TATGACA | ENSG00000207597 hsa-mir-490 | | | | | |
| TCACAAA | ENSG00000207995 hsa-mir-325 | | | | | |
| TCACACA | ENSG00000199017 hsa-mir-1-1 | ENSG00000207764 hsa-mir-133a-2 | | | | |
| TCATAAA | ENSG00000198981 hsa-mir-29a | | | | | |
| | TCATAAA Xie:GGYMATAAAA CDX-2 | | | | | |
| TCTTTAA | ENSG00000208037 hsa-mir-320 | | | | | |
| TGACCAA | ENSG00000207939 hsa-mir-223 | | | | | |
| TGCAAAA | ENSG00000202641 hsa-mir-484 | | | | | |
| TGCGACA | ENSG00000208036 hsa-mir-106b | ENSG00000207547 hsa-mir-25 | ENSG00000207757 hsa-mir-93 | | | |
| TTAGCAA | ENSG00000207745 hsa-mir-17 | ENSG00000207610 hsa-mir-19a | ENSG00000199149 hsa-mir-20a | | | |
| TTATGAA | ENSG00000198981 hsa-mir-29a | | | | | |
| AAAAAGCG | ENSG00000207797 hsa-mir-187 | | | | | |
| AAAAATTT | ENSG00000199058 hsa-mir-302b | ENSG00000199169 hsa-mir-367 | ENSG00000199145 hsa-mir-302d | ENSG00000199102 hsa-mir-302c | ENSG00000199177 hsa-mir-31 | |
| AAACCGGA | ENSG00000207649 hsa-mir-138-2 | | | | | |
| AAACGAAC | ENSG00000207721 hsa-mir-186 | | | | | |
| AAACGCCT | ENSG00000207698 hsa-mir-32 | | | | | |
| AAACGGCT | ENSG00000207597 hsa-mir-490 | | | | | |
| AAACGGTT | ENSG00000207960 hsa-mir-153-2 | | | | | |
| AAACGTTG | ENSG00000199065 hsa-mir-101-2 | | | | | |
| AAACGTTT | ENSG00000207791 hsa-mir-497 | ENSG00000207929 hsa-mir-195 | ENSG00000207633 hsa-mir-505 | | | |
| AAAGATCG | ENSG00000207728 hsa-mir-449b | | | | | |
| | AAAGATCG Xie:GAAnnWTCK HSF2 | | | | | |
| AAATAGCG | ENSG00000199017 hsa-mir-1-1 | ENSG00000207764 hsa-mir-133a-2 | | | | |
| AAATCGGC | ENSG00000207596 hsa-mir-194-2 | ENSG00000207648 hsa-mir-192 | ENSG00000207611 hsa-mir-149 | ENSG00000199122 hsa-mir-148b | ENSG00000207638 hsa-mir-99a | ENSG00000207863 hsa-mir-125b-2 |
| AAATGCAA | ENSG00000207994 hsa-mir-100 | ENSG00000207971 hsa-mir-125b-1 | ENSG00000198975 hsa-let-7a-2 | | | |
| AAATGCCG | ENSG00000202609 hsa-mir-488 | | | | | |
| AAATCCCG | ENSG00000207656 hsa-mir-489 | | | | | |
| | CGGAATTT Xie:SGGRnTTTCC C-REL | | | | | |
| AAATTCGA | ENSG00000207865 hsa-mir-34a | | | | | |
| AAATTCCT | ENSG00000199172 hsa-mir-331 | | | | | |
| AACAACGG | ENSG00000207950 hsa-mir-296 | | | | | |
| AACAAGCG | ENSG00000198974 hsa-mir-30e | ENSG00000207962 hsa-mir-30c-1 | | | | |
| AACACGCT | ENSG00000207624 hsa-mir-194-1 | ENSG00000207590 hsa-mir-215 | | | | |
| AACATATT | ENSG00000207751 hsa-mir-130b | | | | | |
| AACATGGT | ENSG00000207791 hsa-mir-497 | ENSG00000207929 hsa-mir-195 | | | | |
| AACCATGG | ENSG00000207739 hsa-mir-218-2 | | | | | |
| AACCCGAC | ENSG00000207568 hsa-mir-203 | | | | | |
| AACCCGCT | ENSG00000199130 hsa-mir-365-1 | | | | | |
| AACCCGTC | ENSG00000207568 hsa-mir-203 | | | | | |
| AACCTTAT | ENSG00000207656 hsa-mir-489 | | | | | |
| AACGAATT | ENSG00000198987 hsa-mir-16-2 | | | | | |
| AACGACGC | ENSG00000207994 hsa-mir-100 | ENSG00000207971 hsa-mir-125b-1 | ENSG00000198975 hsa-let-7a-2 | | | |
| AACGACTC | ENSG00000198987 hsa-mir-16-2 | | | | | |
| AACGAGCA | ENSG00000207947 hsa-mir-152 | | | | | |
| AACGCGCG | ENSG00000211517 hsa-mir-671 | | | | | |
| AACGGGTC | ENSG00000199085 hsa-mir-148a | | | | | |
| AACGGTCG | ENSG00000199032 hsa-mir-425 | ENSG00000207933 hsa-mir-9-1 | | | | |
| AACGTAAG | ENSG00000199165 hsa-let-7a-1 | ENSG00000199072 hsa-let-7f-1 | ENSG00000199133 hsa-let-7d | ENSG00000207790 hsa-mir-29b-2 | ENSG00000207966 hsa-mir-29c | |
| AACTACAA | ENSG00000207698 hsa-mir-32 | | | | | |

AACTACCG ENSG00000199085|hsa-mir-148a
AACTACCG ENSG00000199071|hsa-mir-423
AACTCCCG ENSG00000199071|hsa-mir-423 ENSG00000207698|hsa-mir-32
AACTCGAA ENSG00000198987|hsa-mir-16-2
AACTCTCG ENSG00000199071|hsa-mir-423 ENSG00000207777|hsa-mir-10a
AAGATGGA ENSG00000199157|hsa-mir-208
AAGCCGAT ENSG00000199122|hsa-mir-148b
AAGCGATT ENSG00000199089|hsa-mir-202
AAGCGCTT ENSG00000207698|hsa-mir-32
AAGCTCGC ENSG00000198974|hsa-mir-30e ENSG00000207962|hsa-mir-30c-1
AAGGAAGT ENSG00000207795|hsa-mir-155
AAGGAAGT Xie:AGGAART ELF-1
AAGGAAGT Xie:MGGAWGT PEA3
AAGGACCG ENSG00000207586|hsa-mir-135a-2
AAGTCGCG ENSG00000207744|hsa-mir-10b
AAGTCTCG ENSG00000207726|hsa-mir-455 ENSG00000207624|hsa-mir-194-1 ENSG00000207590|hsa-mir-215
AAGTCCGG ENSG00000198987|hsa-mir-16-2 ENSG00000207744|hsa-mir-10b
AAGTTGCG ENSG00000202609|hsa-mir-488 ENSG00000207623|hsa-mir-205
AAGTTTCG ENSG00000202609|hsa-mir-488 ENSG00000210741|hsa-mir-196a-1
AAGTTTCG Xie:GAAnnWTCK HSF2
AATAATGC ENSG00000199023|hsa-mir-339
AATAGCCG ENSG00000199023|hsa-mir-339 ENSG00000199153|hsa-mir-30d ENSG00000207582|hsa-mir-30b ENSG00000208009|hsa-mir-130a
AATAGCCG ENSG00000198987|hsa-mir-16-2
AATAGCCG ENSG00000199017|hsa-mir-1-1 ENSG00000207764|hsa-mir-133a-2 ENSG00000199065|hsa-mir-101-2
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AATCGCTA ENSG00000199122|hsa-mir-148b ENSG00000207731|hsa-mir-506
AATCGGAT ENSG00000199071|hsa-mir-423
AATCGGCA ENSG00000207611|hsa-mir-149 ENSG00000207638|hsa-mir-99a ENSG00000207863|hsa-mir-125b-2
AATCGGCT ENSG00000199122|hsa-mir-148b ENSG00000207777|hsa-mir-10a
AATCGTCA ENSG00000199077|hsa-mir-129-2 ENSG00000207694|hsa-mir-1-2
AATCTCGC ENSG00000199058|hsa-mir-302b ENSG00000199169|hsa-mir-367 ENSG00000199145|hsa-mir-302d ENSG00000199102|hsa-mir-302c ENSG00000207698|hsa-mir-32
AATGAATG ENSG00000207995|hsa-mir-325
AATGACGA ENSG00000199065|hsa-mir-101-2
AATGCGCG ENSG00000198987|hsa-mir-16-2 ENSG00000207744|hsa-mir-10b
AATGTGCG ENSG00000207827|hsa-mir-30a ENSG00000199094|hsa-mir-30c-2
AATTACCT ENSG00000207649|hsa-mir-138-2
AATTACGA ENSG00000207550|hsa-mir-99b ENSG00000198972|hsa-let-7e
AATTATAG ENSG00000207811|hsa-mir-34b ENSG00000207562|hsa-mir-34c
AATTATGC ENSG00000207702|hsa-mir-211
GCATAATT Xie:GCATAAWTTAT POU6F1
AATTATGG ENSG00000199085|hsa-mir-148a
AATTCGGT ENSG00000207732|hsa-mir-218-1 ENSG00000207777|hsa-mir-10a
AATTCGAC ENSG00000207960|hsa-mir-153-2
AATTGATG ENSG00000207656|hsa-mir-489
AATTGCAA ENSG00000199053|hsa-mir-324 ENSG00000207617|hsa-mir-24-1
AATTGCGA ENSG00000199043|hsa-mir-335
AATTTCCG ENSG00000198987|hsa-mir-16-2
AATTTCCG Xie:AWTTTCC IY
AATTTCCG MATCH:V\$HMG1Y_Q6 HMG1Y
AATTTCCG ENSG00000199043|hsa-mir-335
ACAACCGA ENSG00000199088|hsa-mir-379 ENSG00000207749|hsa-mir-299 ENSG00000198982|hsa-mir-380 ENSG00000199069|hsa-mir-323 ENSG00000211582|hsa-mir-758 ENSG00000207761|hsa-mir-329-1 ENSG00000194717|hsa-mir-494
ENSG00000207743|hsa-mir-495 ENSG00000199020|hsa-mir-381 ENSG00000207754|hsa-mir-487b ENSG00000202560|hsa-mir-539 ENSG00000207993|hsa-mir-134 ENSG00000207961|hsa-mir-496 ENSG00000199015|hsa-mir-377
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ACAAGCGA ENSG00000199089|hsa-mir-202 ENSG00000199024|hsa-mir-103-2
ACAATAGT ENSG00000207617|hsa-mir-24-1
ACAATCGC ENSG00000199122|hsa-mir-148b
ACAATGGG ENSG00000207702|hsa-mir-211
ACACGACG ENSG00000207614|hsa-mir-193a ENSG00000199187|hsa-mir-365-2
ACACGACT ENSG00000198995|hsa-mir-340
ACACGCCG ENSG00000207567|hsa-mir-142
ACACGTCG ENSG00000198973|hsa-mir-375
ACACTGCG ENSG00000207623|hsa-mir-205
ACAGCGAC ENSG00000207571|hsa-mir-615
ACATACGG ENSG00000207586|hsa-mir-135a-2
ACATCACG ENSG00000207611|hsa-mir-149 ENSG00000207586|hsa-mir-135a-2
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ACATGGCG ENSG00000198974|hsa-mir-30e ENSG00000207962|hsa-mir-30c-1 ENSG00000199043|hsa-mir-335
ACATTATG ENSG00000198986|hsa-let-7a-3 ENSG00000207875|hsa-let-7b
ACATTCCG ENSG00000207568|hsa-mir-203
ACATTCCG ENSG00000198984|hsa-mir-345 ENSG00000207718|hsa-mir-15a ENSG00000208006|hsa-mir-16-1
ACCAACCG ENSG00000207811|hsa-mir-34b ENSG00000207562|hsa-mir-34c
ACCAATCG ENSG00000207717|hsa-mir-551b
CGATTGGT Xie:YSATTGGYY NF-Y
ACCAATGA ENSG00000208036|hsa-mir-106b ENSG00000207547|hsa-mir-25 ENSG00000207757|hsa-mir-93
TCATTGGT Xie:YSATTGGYY NF-Y
ACCACCTG ENSG00000207692|hsa-mir-592
ACCACGGA ENSG00000199088|hsa-mir-379 ENSG00000207749|hsa-mir-299 ENSG00000198982|hsa-mir-380 ENSG00000199069|hsa-mir-323 ENSG00000211582|hsa-mir-758 ENSG00000207761|hsa-mir-329-1 ENSG00000194717|hsa-mir-494
ENSG00000207743|hsa-mir-495 ENSG00000199020|hsa-mir-381 ENSG00000207754|hsa-mir-487b ENSG00000202560|hsa-mir-539 ENSG00000207993|hsa-mir-134 ENSG00000207961|hsa-mir-496 ENSG00000199015|hsa-mir-377
ENSG00000199107|hsa-mir-409 ENSG00000199012|hsa-mir-412 ENSG00000199025|hsa-mir-369 ENSG00000199092|hsa-mir-410
ACCATAGA ENSG00000211517|hsa-mir-671
ACCATCGT ENSG00000207585|hsa-mir-181d ENSG00000207732|hsa-mir-218-1 ENSG00000199004|hsa-mir-21
ACCCCCAG ENSG00000199089|hsa-mir-202
ACCCGTAC ENSG00000207623|hsa-mir-205

| | | | |
|--|--------------------------------|--------------------------------|-------------------------------|
| ACCGAATC ENSG00000207691 hsa-mir-183 | ENSG00000207990 hsa-mir-182 | ENSG00000199158 hsa-mir-96 | |
| ACCGAATG ENSG00000198984 hsa-mir-345 | | | |
| ACCGATAA ENSG00000199085 hsa-mir-148a | | | |
| ACCGCAAC ENSG00000199038 hsa-mir-210 | | | |
| ACCGCTAG ENSG00000208024 hsa-mir-199a-2 | ENSG00000207949 hsa-mir-214 | | |
| ACCGGAAC ENSG00000207789 hsa-mir-26a-2 | | | |
| ACCGGAAT ENSG00000199122 hsa-mir-148b | | | |
| ACCGGCC ENSG00000207604 hsa-mir-206 | ENSG00000199080 hsa-mir-133b | | |
| ACCGGGTA ENSG00000199090 hsa-mir-326 | | | |
| ACCGGTCG ENSG00000207568 hsa-mir-203 | | | |
| ACCTCATA ENSG00000207728 hsa-mir-449b | | | |
| ACCTCCAG ENSG00000198984 hsa-mir-345 | ENSG00000207571 hsa-mir-615 | | |
| ACCTGTGC ENSG00000207717 hsa-mir-551b | | | |
| ACCTGTTG ENSG00000207865 hsa-mir-34a | | | |
| ACGAAACG ENSG00000207726 hsa-mir-455 | | | |
| ACGAAGCC ENSG00000207933 hsa-mir-9-1 | | | |
| ACGACAAC ENSG00000207726 hsa-mir-455 | | | |
| ACGACACC ENSG00000207728 hsa-mir-449b | | | |
| ACGACACG ENSG00000207953 hsa-mir-212 | | | |
| ACGACGCC ENSG00000207994 hsa-mir-100 | ENSG00000207971 hsa-mir-125b-1 | ENSG00000198975 hsa-let-7a-2 | |
| ACGACTCT ENSG00000198995 hsa-mir-340 | ENSG00000207698 hsa-mir-32 | | |
| ACGAGACA ENSG00000207550 hsa-mir-99b | ENSG00000198972 hsa-let-7e | | |
| ACGAGGCA ENSG00000211574 hsa-mir-770 | ENSG00000208001 hsa-mir-431 | ENSG00000199005 hsa-mir-370 | |
| ACGATCCC ENSG00000207752 hsa-mir-199a-1 | ENSG00000207638 hsa-mir-99a | ENSG00000207863 hsa-mir-125b-2 | |
| ACGATTGG ENSG00000207717 hsa-mir-551b | | | |
| ACGATTTT ENSG00000211590 hsa-mir-802 | | | |
| ACGCAAAAT ENSG00000207633 hsa-mir-505 | ENSG00000207797 hsa-mir-187 | | |
| ACGCAAGT ENSG00000207717 hsa-mir-551b | | | |
| ACGCAATC ENSG00000207698 hsa-mir-32 | | | |
| ACGCACGA ENSG00000199036 hsa-mir-219-1 | | | |
| ACGCCCAT ENSG00000207954 hsa-mir-138-1 | | | |
| ACGCCGCC ENSG00000199122 hsa-mir-148b | | | |
| ACGGCACC ENSG00000198974 hsa-mir-30e | ENSG00000207962 hsa-mir-30c-1 | | |
| ACGGGTCA ENSG00000199090 hsa-mir-326 | | | |
| ACGCTGAC ENSG00000199071 hsa-mir-423 | | | |
| ACGCTGAT ENSG00000207624 hsa-mir-194-1 | ENSG00000207590 hsa-mir-215 | ENSG00000207695 hsa-mir-184 | |
| ACGGACCA ENSG00000207953 hsa-mir-212 | | | |
| ACGGATTC ENSG00000199161 hsa-mir-126 | | | |
| ACGGCGCA ENSG00000199047 hsa-mir-378 | | | |
| ACGGCGTC ENSG00000207819 hsa-mir-9-3 | | | |
| ACGGGATA ENSG00000199157 hsa-mir-208 | | | |
| ACGGGGCC ENSG00000207947 hsa-mir-152 | | | |
| ACGGGGGG ENSG00000199023 hsa-mir-339 | | | |
| ACGGTTGG ENSG00000207567 hsa-mir-142 | ENSG00000207811 hsa-mir-34b | ENSG00000207562 hsa-mir-34c | ENSG00000207960 hsa-mir-153-2 |
| ACGTAAAC ENSG00000199071 hsa-mir-423 | | | |
| ACGTAAAC Xie:CCGCACGTMnnC HIF-1 | | | |
| ACGTAAAG ENSG00000207702 hsa-mir-211 | ENSG00000198974 hsa-mir-30e | ENSG00000207962 hsa-mir-30c-1 | |
| ACGTAGGG ENSG00000207819 hsa-mir-9-3 | | | |
| ACGTCAA ENSG00000207581 hsa-mir-199b | ENSG00000207953 hsa-mir-212 | | |
| ACGTCAA Xie:TGACGTCARRG ATF-1 | | | |
| ACGTCAAG ENSG00000199121 hsa-mir-26b | ENSG00000208024 hsa-mir-199a-2 | ENSG00000207949 hsa-mir-214 | |
| ACGTCAAG Xie:TGACGTCARRG ATF-1 | | | |
| ACGTCACG ENSG00000199130 hsa-mir-365-1 | | | |
| ACGTCAGT ENSG00000207630 hsa-mir-7-3 | | | |
| ACGTCATC ENSG00000207617 hsa-mir-24-1 | | | |
| ACGTCATC Xie:CCGCACGTMnnC HIF-1 | | | |
| ACGTCATG ENSG00000198995 hsa-mir-340 | | | |
| ACGTCGAG ENSG00000207933 hsa-mir-9-1 | | | |
| ACGTGACG ENSG00000199071 hsa-mir-423 | ENSG00000199130 hsa-mir-365-1 | | |
| ACGTGAGG ENSG00000199135 hsa-mir-101-1 | | | |
| ACGTGATA ENSG00000199122 hsa-mir-148b | ENSG00000199165 hsa-let-7a-1 | ENSG00000199072 hsa-let-7f-1 | ENSG00000199133 hsa-let-7d |
| ACGTGTCA ENSG00000198973 hsa-mir-375 | ENSG00000207635 hsa-mir-499 | | |
| ACGTTCCG ENSG00000207614 hsa-mir-193a | ENSG00000199187 hsa-mir-365-2 | | |
| ACGTTGCA ENSG00000207585 hsa-mir-181d | | | |
| ACGTTGTC ENSG00000199071 hsa-mir-423 | ENSG00000199172 hsa-mir-331 | | |
| ACGTTTAA ENSG00000207791 hsa-mir-497 | ENSG00000207929 hsa-mir-195 | ENSG00000207960 hsa-mir-153-2 | |
| ACTAATCC ENSG00000208017 hsa-mir-140 | ENSG00000207597 hsa-mir-490 | | |
| ACTAATTA ENSG00000207702 hsa-mir-211 | | | |
| ACTAATTG ENSG00000207865 hsa-mir-34a | | | |
| ACTACGGA ENSG00000199065 hsa-mir-101-2 | ENSG00000207954 hsa-mir-138-1 | | |
| ACTACGGC ENSG00000199071 hsa-mir-423 | | | |
| ACTCGTGC ENSG00000207953 hsa-mir-212 | | | |
| ACTGCGGA ENSG00000199104 hsa-mir-346 | | | |
| ACTTATAC ENSG00000207581 hsa-mir-199b | ENSG00000207721 hsa-mir-186 | | |
| ACTTCCGC ENSG00000207721 hsa-mir-186 | | | |
| GCGGAAGT Xie:MGGAWGT PEA3 | | | |
| ACTTCCCTG ENSG00000208024 hsa-mir-199a-2 | ENSG00000207949 hsa-mir-214 | | |
| ACTTCCCTG Xie:CACTTCCTG ETS | | | |
| CAGGAAGT Xie:AGGAART ELF-1 | | | |
| CAGGAAGT Xie:CAGGAAGTAR TEL-2 | | | |
| CAGGAAGT Xie:MGGAWGT PEA3 | | | |
| ACTTCCCTG MATCH:V\$ETS_Q6 ETS | | | |
| ACTTCGTC ENSG00000207994 hsa-mir-100 | ENSG00000207971 hsa-mir-125b-1 | ENSG00000198975 hsa-let-7a-2 | |
| AGAAATCGA ENSG00000207726 hsa-mir-455 | | | |
| AGATCGAA ENSG00000199004 hsa-mir-21 | ENSG00000202609 hsa-mir-488 | | |
| AGATCTCG ENSG00000198974 hsa-mir-30e | ENSG00000207962 hsa-mir-30c-1 | | |
| AGATCGCC ENSG00000207933 hsa-mir-9-1 | | | |
| AGCCCTCG ENSG00000207947 hsa-mir-152 | | | |
| AGCCGCCG ENSG00000199065 hsa-mir-101-2 | ENSG00000199104 hsa-mir-346 | ENSG00000199071 hsa-mir-423 | |
| AGCGCAA ENSG00000199032 hsa-mir-425 | ENSG00000198987 hsa-mir-16-2 | | |
| AGCGCAC ENSG00000207571 hsa-mir-615 | | | |

ATGACCGC ENSG00000207617|hsa-mir-24-1
 ATGACCGC ENSG00000207739|hsa-mir-218-2
 ATGACGGG ENSG00000207752|hsa-mir-199a-1 ENSG00000207777|hsa-mir-10a
 ATGACGTC ENSG00000207617|hsa-mir-24-1
 ATGACGTC ENSG00000198995|hsa-mir-340
 CACGTAT Xie:CCGCACGTmnnC HIF-1
 ATGCAACG ENSG00000207585|hsa-mir-181d ENSG00000202609|hsa-mir-488
 ATGCGAAG ENSG00000198987|hsa-mir-16-2
 ATGCGCAA ENSG00000207960|hsa-mir-153-2 ENSG00000207623|hsa-mir-205
 ATGCGCCA ENSG00000208035|hsa-mir-143 ENSG00000207638|hsa-mir-99a ENSG00000207863|hsa-mir-125b-2 ENSG00000207777|hsa-mir-10a
 ATGCGCCC ENSG00000207933|hsa-mir-9-1 ENSG00000208005|hsa-mir-503 ENSG00000207784|hsa-mir-542
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 ATGCGCGC ENSG00000198987|hsa-mir-16-2
 ATGCGGTC ENSG00000211517|hsa-mir-671
 ATGGCCCG ENSG00000199071|hsa-mir-423
 ATGGCGAA ENSG00000199043|hsa-mir-335
 ATGGCGGA ENSG00000207731|hsa-mir-506
 ATGGCGTC ENSG00000199023|hsa-mir-339
 ATGGCTCG ENSG00000207732|hsa-mir-218-1
 ATGGTAAG ENSG00000211563|hsa-mir-338
 ATGGTCGC ENSG00000211517|hsa-mir-671
 ATGTCAAC ENSG00000198995|hsa-mir-340 ENSG00000207728|hsa-mir-449b
 ATGTCACG ENSG00000207611|hsa-mir-149 ENSG00000199004|hsa-mir-21
 ATGTCGCG ENSG00000207792|hsa-mir-151
 ATGTCGCG ENSG00000207960|hsa-mir-153-2
 ATGTTAGA ENSG00000207751|hsa-mir-130b
 ATTAACGA ENSG00000207698|hsa-mir-32 ENSG00000207994|hsa-mir-100 ENSG00000207971|hsa-mir-125b-1 ENSG00000198975|hsa-let-7a-2
 ATTAATAG ENSG00000207624|hsa-mir-194-1 ENSG00000207590|hsa-mir-215
 ATTAATAG MATCH:V\$CDXA_02 CdxA
 ATTACCCG ENSG00000207955|hsa-mir-219-2
 ATTACCGC ENSG00000207638|hsa-mir-99a ENSG00000207863|hsa-mir-125b-2
 ATTACCTC ENSG00000207980|hsa-mir-23a ENSG00000209707|hsa-mir-24-2 ENSG00000207808|hsa-mir-27a
 ATTACGTA ENSG00000207725|hsa-mir-222 ENSG00000207870|hsa-mir-221
 ATTACGTA Xie:RTTACRTAAY E4BP4
 TACGTAAT Xie:RTTACRTAAY E4BP4
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 ATTAGGCG ENSG00000199071|hsa-mir-423
 ATTATAGC ENSG00000207792|hsa-mir-151 ENSG00000202609|hsa-mir-488
 ATTATAGG ENSG00000207811|hsa-mir-34b ENSG00000207562|hsa-mir-34c
 ATTCACA ENSG00000207995|hsa-mir-325
 TGTGAAT Xie:CTGTGAAWATT HP1
 ATTCGTC ENSG00000207732|hsa-mir-218-1
 ATTCGCGC ENSG00000207718|hsa-mir-15a ENSG00000208006|hsa-mir-16-1
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 ATTGACGG ENSG00000199017|hsa-mir-1-1 ENSG00000207764|hsa-mir-133a-2
 ATTGATGC ENSG00000199065|hsa-mir-101-2 ENSG00000207585|hsa-mir-181d
 ATTGCGAC ENSG00000199032|hsa-mir-425 ENSG00000199085|hsa-mir-148a ENSG00000199122|hsa-mir-148b
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 ATTGCTAC ENSG00000207955|hsa-mir-219-2
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 ATTTAAGA ENSG00000199153|hsa-mir-30d ENSG00000207582|hsa-mir-30b
 ATTTAGTA ENSG00000207624|hsa-mir-194-1 ENSG00000207590|hsa-mir-215
 ATTTATCG ENSG00000207694|hsa-mir-1-2
 ATTTCCGA ENSG00000207777|hsa-mir-10a
 ATTTCCGA ENSG00000199043|hsa-mir-335
 ATTTCTCG ENSG00000207752|hsa-mir-199a-1 ENSG00000207698|hsa-mir-32
 ATTTGACC ENSG00000199024|hsa-mir-103-2
 ATTTGGCG ENSG00000208036|hsa-mir-106b ENSG00000207547|hsa-mir-25 ENSG00000207757|hsa-mir-93 ENSG00000207597|hsa-mir-490
 ATTTTCGA ENSG00000198987|hsa-mir-16-2 ENSG00000207717|hsa-mir-551b
 CAAATAAA ENSG00000208017|hsa-mir-140 ENSG00000208036|hsa-mir-106b ENSG00000207547|hsa-mir-25 ENSG00000207757|hsa-mir-93
 CAAATCGG ENSG00000207596|hsa-mir-194-2 ENSG00000207648|hsa-mir-192
 CAAATTAC ENSG00000207550|hsa-mir-99b ENSG00000198972|hsa-let-7e ENSG00000207792|hsa-mir-151
 GTAATTG Xie:GTAAKTnG NCX
 CAACACGA ENSG00000202609|hsa-mir-488
 TCGTGTG Xie:TnYGTGTRKTG FAC1
 CAACCGAC ENSG00000199071|hsa-mir-423
 CAACCGTC ENSG00000207789|hsa-mir-26a-2 ENSG00000207811|hsa-mir-34b ENSG00000207562|hsa-mir-34c
 CAACGCAG ENSG00000199024|hsa-mir-103-2
 CAACGGAC ENSG00000207728|hsa-mir-449b
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 CAACGGTC ENSG00000199032|hsa-mir-425 ENSG00000207933|hsa-mir-9-1
 CAACGTGC ENSG00000207994|hsa-mir-100 ENSG00000207971|hsa-mir-125b-1 ENSG00000198975|hsa-let-7a-2
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 GTAAGTTG Xie:GTAAKTnG NCX
 CAAGATGG ENSG00000199036|hsa-mir-219-1
 CAAGCGCA ENSG00000198974|hsa-mir-30e ENSG00000207962|hsa-mir-30c-1
 CAAGTCCC ENSG00000207809|hsa-mir-139
 CAAGTTCG ENSG00000207630|hsa-mir-7-3
 CAATACGG ENSG00000207955|hsa-mir-219-2
 CAATAGCG ENSG00000199065|hsa-mir-101-2
 CAATAGGC ENSG00000202641|hsa-mir-484
 CAATAGTC ENSG00000207617|hsa-mir-24-1
 CAATCGCA ENSG00000208017|hsa-mir-140
 CAATCGGA ENSG00000207790|hsa-mir-29b-2 ENSG00000207966|hsa-mir-29c
 CAATCGGC ENSG00000207638|hsa-mir-99a ENSG00000207863|hsa-mir-125b-2 ENSG00000207777|hsa-mir-10a
 CAATGACG ENSG00000199065|hsa-mir-101-2

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|--|--------------------------------|-------------------------------|--------------------------------|-----------------------------|-----------------------------|-------------------------------|--|--|
| CAATGCCG ENSG00000199043 hsa-mir-335 | | | | | | | | |
| CAATGCGA ENSG00000198981 hsa-mir-29a | | | | | | | | |
| CAATGCCG ENSG00000199047 hsa-mir-378 | | | | | | | | |
| CAATGTAA ENSG00000207585 hsa-mir-181d | | | | | | | | |
| CAATGTTA ENSG00000207618 hsa-mir-144 | ENSG00000207794 hsa-mir-451 | | ENSG00000207649 hsa-mir-138-2 | | | | | |
| CAATTACC ENSG00000207649 hsa-mir-138-2 | | | | | | | | |
| CAATTCCG ENSG00000207751 hsa-mir-130b | | | | | | | | |
| CACACGTA ENSG00000207726 hsa-mir-455 | | | | | | | | |
| CACATAAC ENSG00000207581 hsa-mir-199b | | | | | | | | |
| CACATCGC ENSG00000198995 hsa-mir-340 | | | | | | | | |
| CACCGCCC ENSG00000199065 hsa-mir-101-2 | | | | | | | | |
| CACGCAAG ENSG00000199066 hsa-mir-330 | | | | | | | | |
| CTTGCGTG Xie:TnCGGTG AHR | | | | | | | | |
| CACGCCCA ENSG00000199038 hsa-mir-210 | | | | | | | | |
| CACGCCCC ENSG00000199032 hsa-mir-425 | ENSG00000207789 hsa-mir-26a-2 | | | | | | | |
| CACGGCCC ENSG00000207617 hsa-mir-24-1 | | | | | | | | |
| CACGCTGA ENSG00000207695 hsa-mir-184 | | | | | | | | |
| CACGCTCG ENSG00000199121 hsa-mir-26b | | | | | | | | |
| CACGTCAA ENSG00000207581 hsa-mir-199b | ENSG00000208024 hsa-mir-199a-2 | | ENSG00000207949 hsa-mir-214 | | | | | |
| CACGTCAA Xie:CCGCACGTMnnc HIF-1 | | | | | | | | |
| CACGTTTA ENSG00000207791 hsa-mir-497 | ENSG00000207929 hsa-mir-195 | | ENSG00000207926 hsa-mir-135a-1 | | | | | |
| CACCTTCG ENSG00000208005 hsa-mir-503 | ENSG00000207784 hsa-mir-542 | | | | | | | |
| CAGCTGCC ENSG00000207604 hsa-mir-206 | ENSG00000199080 hsa-mir-133b | | | | | | | |
| CAGCTGCC Xie:GCAGCTGnY AP-4 | | | | | | | | |
| CAGGGCAG ENSG00000207790 hsa-mir-29b-2 | ENSG00000207966 hsa-mir-29c | | | | | | | |
| CAGGGCCC ENSG00000207739 hsa-mir-218-2 | | | | | | | | |
| CAGTCCGAG ENSG00000207623 hsa-mir-205 | | | | | | | | |
| CAGTCCGC ENSG00000199104 hsa-mir-346 | ENSG00000207777 hsa-mir-10a | | | | | | | |
| CATAAAAA ENSG00000208017 hsa-mir-140 | | | | | | | | |
| CATAAGCG ENSG00000199085 hsa-mir-148a | | | | | | | | |
| CATAATGC ENSG00000199004 hsa-mir-21 | | | | | | | | |
| CATAATTA ENSG00000199085 hsa-mir-148a | ENSG00000207638 hsa-mir-99a | | ENSG00000207863 hsa-mir-125b-2 | | | | | |
| TAATTATG Xie:AAWAATTAnS PAX-4 | | | | | | | | |
| CATACGGG ENSG00000199038 hsa-mir-210 | | | | | | | | |
| CATAGAGA ENSG00000202569 hsa-mir-146b | ENSG00000211517 hsa-mir-671 | | | | | | | |
| CATATATG ENSG00000199071 hsa-mir-423 | | | | | | | | |
| CATATATG Xie:GnCCAWATAWGGM SRF | | | | | | | | |
| CATATATG Xie:GnCCAWATAWGGM SRF | | | | | | | | |
| CATATCGG ENSG00000202641 hsa-mir-484 | | | | | | | | |
| CATATGGC ENSG00000207728 hsa-mir-449b | | | | | | | | |
| CATCATAA ENSG00000207618 hsa-mir-144 | ENSG00000207794 hsa-mir-451 | | | | | | | |
| CATCGACA ENSG00000199157 hsa-mir-208 | | | | | | | | |
| CATCGTGC ENSG00000207585 hsa-mir-181d | | | | | | | | |
| CATCTTGG ENSG00000207691 hsa-mir-183 | ENSG00000207990 hsa-mir-182 | | ENSG00000199158 hsa-mir-96 | | | | | |
| CATGACCG ENSG00000207739 hsa-mir-218-2 | | | | | | | | |
| CATGCCGA ENSG00000207638 hsa-mir-99a | ENSG00000207863 hsa-mir-125b-2 | | | | | | | |
| CATGCCGG ENSG00000208009 hsa-mir-130a | | | | | | | | |
| CATGCCCG ENSG00000207792 hsa-mir-151 | | | | | | | | |
| CGCGCATG Xie:YCGCATGCG NRF-1 | | | | | | | | |
| CATGCCGA ENSG00000199043 hsa-mir-335 | ENSG00000199088 hsa-mir-379 | ENSG00000207749 hsa-mir-299 | ENSG00000198982 hsa-mir-380 | ENSG00000199069 hsa-mir-323 | ENSG00000211582 hsa-mir-758 | ENSG00000207761 hsa-mir-329-1 | | |
| ENSG00000194717 hsa-mir-494 | ENSG00000207743 hsa-mir-495 | ENSG00000199020 hsa-mir-381 | ENSG00000207754 hsa-mir-487b | ENSG00000202560 hsa-mir-539 | ENSG00000207993 hsa-mir-134 | ENSG00000207961 hsa-mir-496 | | |
| ENSG00000199015 hsa-mir-377 | ENSG00000199107 hsa-mir-409 | ENSG00000199012 hsa-mir-412 | ENSG00000199025 hsa-mir-369 | ENSG00000199092 hsa-mir-410 | | | | |
| CATTACCG ENSG00000207618 hsa-mir-144 | ENSG00000207794 hsa-mir-451 | | | | | | | |
| CATTAGCG ENSG00000207744 hsa-mir-10b | | | | | | | | |
| CATTCAAC ENSG00000207995 hsa-mir-325 | | | | | | | | |
| CATTGACG ENSG00000199017 hsa-mir-1-1 | ENSG00000207764 hsa-mir-133a-2 | | | | | | | |
| CATTGTCG ENSG00000199032 hsa-mir-425 | | | | | | | | |
| CATTTACG ENSG00000207651 hsa-mir-28 | | | | | | | | |
| CCAATGTA ENSG00000207728 hsa-mir-449b | | | | | | | | |
| CCAATTGG ENSG00000211517 hsa-mir-671 | | | | | | | | |
| CCACCTGG ENSG00000199032 hsa-mir-425 | | | | | | | | |
| CCACGCC ENSG00000199038 hsa-mir-210 | ENSG00000207789 hsa-mir-26a-2 | | | | | | | |
| CCACGCC MATCH:V\$CADC_01 CACD | | | | | | | | |
| CCACGTTA ENSG00000199024 hsa-mir-103-2 | | | | | | | | |
| CCAGCCCA ENSG00000199059 hsa-mir-135b | | | | | | | | |
| CCAGCCCC ENSG00000202569 hsa-mir-146b | ENSG00000207568 hsa-mir-203 | | | | | | | |
| GGGGCTGG Xie:GRGGTGGG CAC-BP | | | | | | | | |
| CCATAGAG ENSG00000211517 hsa-mir-671 | | | | | | | | |
| CCATATGG ENSG00000207728 hsa-mir-449b | ENSG00000199172 hsa-mir-331 | | | | | | | |
| CCATCCGG ENSG00000208017 hsa-mir-140 | | | | | | | | |
| CCATCGAC ENSG00000211574 hsa-mir-770 | ENSG00000208001 hsa-mir-431 | | ENSG00000199005 hsa-mir-370 | | | | | |
| CCCATACG ENSG00000207596 hsa-mir-194-2 | ENSG00000207648 hsa-mir-192 | | | | | | | |
| CCCCACCC ENSG00000207623 hsa-mir-205 | | | | | | | | |
| CCCCGCC ENSG00000198973 hsa-mir-375 | | | | | | | | |
| CCCCCTCA ENSG00000207980 hsa-mir-23a | ENSG00000209707 hsa-mir-24-2 | ENSG00000207808 hsa-mir-27a | | | | | | |
| CCCCGCC ENSG00000199032 hsa-mir-425 | ENSG00000198974 hsa-mir-30e | ENSG00000207962 hsa-mir-30c-1 | ENSG00000208005 hsa-mir-503 | ENSG00000207784 hsa-mir-542 | | | | |
| GGGCGGGG Xie:GGGCGGGG SP-1 | | | | | | | | |
| CCCCTCCC ENSG00000207623 hsa-mir-205 | ENSG00000207777 hsa-mir-10a | | | | | | | |
| CCCCGCC ENSG00000198974 hsa-mir-30e | ENSG00000207962 hsa-mir-30c-1 | ENSG00000199122 hsa-mir-148b | | | | | | |
| GGGCGGGG Xie:GGGCGGGG SP-1 | | | | | | | | |
| CCCGGATA ENSG00000207777 hsa-mir-10a | | | | | | | | |
| CCCGGCGA ENSG00000207695 hsa-mir-184 | | | | | | | | |
| CCCGTAAC ENSG00000211517 hsa-mir-671 | | | | | | | | |
| CCCGTCGA ENSG00000211574 hsa-mir-770 | ENSG00000208001 hsa-mir-431 | ENSG00000199005 hsa-mir-370 | | | | | | |
| CCCTCCGC ENSG00000198973 hsa-mir-375 | | | | | | | | |
| CCCTGGCC ENSG00000199059 hsa-mir-135b | | | | | | | | |
| CCCTGGGA ENSG00000199059 hsa-mir-135b | | | | | | | | |
| CCCTTACG ENSG00000207702 hsa-mir-211 | | | | | | | | |
| CCGACAAA ENSG00000207597 hsa-mir-490 | ENSG00000207604 hsa-mir-206 | ENSG00000199080 hsa-mir-133b | | | | | | |
| CCGATTCG ENSG00000199085 hsa-mir-148a | | | | | | | | |
| CCGATTTA ENSG00000207713 hsa-mir-200c | ENSG00000207708 hsa-mir-141 | ENSG00000207638 hsa-mir-99a | ENSG00000207863 hsa-mir-125b-2 | | | | | |

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|---|--------------------------------|-------------------------------|
| CCGCATGA ENSG00000198995 hsa-mir-340 | ENSG00000207953 hsa-mir-212 | |
| CCGCCCC ENSG00000207611 hsa-mir-149 | ENSG00000198974 hsa-mir-30e | ENSG00000207962 hsa-mir-30c-1 |
| CCGCCCGG ENSG00000198973 hsa-mir-375 | ENSG00000199038 hsa-mir-210 | |
| CCGCCGCA ENSG00000199104 hsa-mir-346 | ENSG00000207732 hsa-mir-218-1 | |
| CCGCCGCA MATCH:V\$ETF_Q6 ETF | | |
| CCGCCGCG ENSG00000199038 hsa-mir-210 | | |
| CCGCCGCG MATCH:V\$ETF_Q6 ETF | | |
| CCGCCGTA ENSG00000199130 hsa-mir-365-1 | | |
| CCGCCGTC ENSG00000207960 hsa-mir-153-2 | | |
| CCGCCGAA ENSG00000207777 hsa-mir-10a | | |
| CCGCCGCG ENSG00000207960 hsa-mir-153-2 | | |
| CCGGATGC ENSG00000207865 hsa-mir-34a | | |
| CCGGCCGC ENSG00000199104 hsa-mir-346 | ENSG00000211517 hsa-mir-671 | |
| CCGGCCGG ENSG00000199038 hsa-mir-210 | | |
| CCGGCGAA ENSG00000207571 hsa-mir-615 | | |
| CCGGCTAA ENSG00000199023 hsa-mir-339 | | |
| CCGGTCCG ENSG00000207792 hsa-mir-151 | | |
| CCGTACCA ENSG00000199017 hsa-mir-1-1 | ENSG00000207764 hsa-mir-133a-2 | ENSG00000199038 hsa-mir-210 |
| CCGTACCG ENSG00000207568 hsa-mir-203 | | |
| CCGTACTC ENSG00000207789 hsa-mir-26a-2 | | |
| CCGTATGC ENSG00000199038 hsa-mir-210 | | |
| CCGTCAA ENSG00000199024 hsa-mir-103-2 | | |
| CCGTGCGC ENSG00000199038 hsa-mir-210 | | |
| CCGTGACG ENSG00000199071 hsa-mir-423 | | |
| CCGTGGTA ENSG00000207581 hsa-mir-199b | | |
| CCGTTACG ENSG00000207960 hsa-mir-153-2 | | |
| CCGTTCGA ENSG00000207581 hsa-mir-199b | ENSG00000198987 hsa-mir-16-2 | ENSG00000207744 hsa-mir-10b |
| CCGTTGAC ENSG00000199135 hsa-mir-101-1 | | |
| CCTAATCG ENSG00000207623 hsa-mir-205 | | |
| CCTATAGG ENSG00000199082 hsa-mir-342 | ENSG00000207797 hsa-mir-187 | |
| CCTATCGC ENSG00000199065 hsa-mir-101-2 | | |
| CCTATTAG ENSG00000199090 hsa-mir-326 | | |
| CCTCCGCC ENSG00000198973 hsa-mir-375 | | |
| CCTCCGTA ENSG00000211563 hsa-mir-338 | | |
| CCTCGTTA ENSG00000207827 hsa-mir-30a | ENSG00000199094 hsa-mir-30c-2 | |
| CCTCTCCA ENSG00000207649 hsa-mir-138-2 | ENSG00000207995 hsa-mir-325 | |
| CCTCTTCC ENSG00000199090 hsa-mir-326 | | |
| CCTGGCAA ENSG00000207618 hsa-mir-144 | ENSG00000207794 hsa-mir-451 | |
| CCTGGCAG ENSG00000207567 hsa-mir-142 | | |
| CCTTAATC ENSG00000208017 hsa-mir-140 | | |
| CCTTATAA ENSG00000207728 hsa-mir-449b | | |
| CCTTTAAG ENSG00000199172 hsa-mir-331 | | |
| CGAAAATC ENSG00000198987 hsa-mir-16-2 | | |
| CGAAACAA ENSG00000199071 hsa-mir-423 | | |
| CGAAATCA ENSG00000207744 hsa-mir-10b | | |
| CGAAATTA ENSG00000199043 hsa-mir-335 | | |
| CGAACCTA ENSG00000207960 hsa-mir-153-2 | | |
| CGAACGAG ENSG00000199047 hsa-mir-378 | | |
| CGAACGGA ENSG00000198987 hsa-mir-16-2 | | |
| CGAACTGC ENSG00000199104 hsa-mir-346 | | |
| CGAATCAC ENSG00000208009 hsa-mir-130a | | |
| CGAATTC ENSG00000198987 hsa-mir-16-2 | | |
| CGACAACC ENSG00000207726 hsa-mir-455 | | |
| CGACACAA ENSG00000207955 hsa-mir-219-2 | | |
| CGACAGTC ENSG00000207656 hsa-mir-489 | | |
| CGACATGA ENSG00000207739 hsa-mir-218-2 | | |
| CGACATTC ENSG00000207586 hsa-mir-135a-2 | | |
| CGACGTGA ENSG00000207933 hsa-mir-9-1 | | |
| CGAGACGA ENSG00000207752 hsa-mir-199a-1 | | |
| CGAGATCA ENSG00000207809 hsa-mir-139 | ENSG00000208037 hsa-mir-320 | ENSG00000198987 hsa-mir-16-2 |
| CGAGTTCA ENSG00000207585 hsa-mir-181d | ENSG00000207777 hsa-mir-10a | |
| CGATCTCC ENSG00000202609 hsa-mir-488 | | |
| CGATTAGC ENSG00000199036 hsa-mir-219-1 | ENSG00000207819 hsa-mir-9-3 | ENSG00000207597 hsa-mir-490 |
| GCTAATCG Xie:RnTAATCGATnW CDP | | |
| CGATTCAA ENSG00000199071 hsa-mir-423 | ENSG00000207795 hsa-mir-155 | |
| CGATTCTA ENSG00000208024 hsa-mir-199a-2 | ENSG00000207949 hsa-mir-214 | |
| CGATTGGA ENSG00000208017 hsa-mir-140 | | |
| CGATTTAA ENSG00000207726 hsa-mir-455 | | |
| CGATTTAC ENSG00000207713 hsa-mir-200c | ENSG00000207708 hsa-mir-141 | |
| CGATTTCC ENSG00000211590 hsa-mir-802 | | |
| CGAAAAAC ENSG00000202641 hsa-mir-484 | | |
| CGCAACTC ENSG00000207777 hsa-mir-10a | | |
| CGCAATGA ENSG00000199065 hsa-mir-101-2 | ENSG00000198987 hsa-mir-16-2 | |
| CGCAATGC ENSG00000199065 hsa-mir-101-2 | | |
| CGCAATTA ENSG00000199043 hsa-mir-335 | | |
| CGCACACA ENSG00000199090 hsa-mir-326 | | |
| CGCACTGA ENSG00000207638 hsa-mir-99a | ENSG00000207863 hsa-mir-125b-2 | ENSG00000207947 hsa-mir-152 |
| CGCACTTA ENSG00000207935 hsa-mir-204 | ENSG00000199177 hsa-mir-31 | |
| CGCACTTC ENSG00000199043 hsa-mir-335 | | |
| GAAGTGCG Xie:vCCGGAAGnGCR GABP | | |
| CGCAGAGA ENSG00000199121 hsa-mir-26b | | |
| CGCAGGCC ENSG00000199038 hsa-mir-210 | | |
| CGCATACC ENSG00000208024 hsa-mir-199a-2 | ENSG00000207949 hsa-mir-214 | |
| CGCATCTC ENSG00000207604 hsa-mir-206 | ENSG00000199080 hsa-mir-133b | |
| CGCATGAA ENSG00000207953 hsa-mir-212 | ENSG00000207777 hsa-mir-10a | |
| CGCATGAC ENSG00000198995 hsa-mir-340 | | |
| CGCATTAG ENSG00000199122 hsa-mir-148b | | |
| CGCATTGC ENSG00000199047 hsa-mir-378 | | |
| CGCCACCC ENSG00000207581 hsa-mir-199b | | |
| CGCCACCG ENSG00000199082 hsa-mir-342 | | |
| CGCCCTAG ENSG00000199071 hsa-mir-423 | | |

CGCCTATA ENSG00000207953|hsa-mir-212
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CGCGAGAG ENSG00000199071|hsa-mir-423
CGCGCGCC ENSG00000207960|hsa-mir-153-2
CGCGCGGC ENSG00000199104|hsa-mir-346
CGCGCGTA ENSG00000207953|hsa-mir-212
CGCGCTAA ENSG00000207744|hsa-mir-10b
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CGCGGTGC ENSG00000208005|hsa-mir-503 ENSG00000207784|hsa-mir-542
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CGGCAACG ENSG00000198995|hsa-mir-340
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CGGCTGCC ENSG00000198995|hsa-mir-340
CGGGAATA ENSG00000199085|hsa-mir-148a
CGGGACAA ENSG00000199122|hsa-mir-148b ENSG00000207571|hsa-mir-615
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CGGTAATA ENSG00000207947|hsa-mir-152
CGGTCAAC ENSG00000199135|hsa-mir-101-1
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CGGTTCCA ENSG00000199023|hsa-mir-339
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CGTAGTAG ENSG00000199165|hsa-let-7a-1 ENSG00000199072|hsa-let-7f-1 ENSG00000199133|hsa-let-7d
CGTAGTGA ENSG00000199038|hsa-mir-210 ENSG00000207947|hsa-mir-152
CGTCAAAA ENSG00000208024|hsa-mir-199a-2 ENSG00000207949|hsa-mir-214
CGTCAAAG ENSG00000207953|hsa-mir-212
CGTCAAAG Xie:TGACGTCARRG ATF-1
CTTTGACG Xie:CTTTGA LEF1
CGTCACAA ENSG00000208037|hsa-mir-320
CGTCAGTA ENSG00000199023|hsa-mir-339
CGTCATGC ENSG00000198995|hsa-mir-340
CGTCCAGA ENSG00000207695|hsa-mir-184
CGTCGAGC ENSG00000207933|hsa-mir-9-1
CGTCGCAA ENSG00000198986|hsa-let-7a-3 ENSG00000207875|hsa-let-7b
CGTCTCTA ENSG00000211517|hsa-mir-671
CGTCTTAC ENSG00000199089|hsa-mir-202
CGTGACAC ENSG00000199036|hsa-mir-219-1
CGTGACGA ENSG00000199071|hsa-mir-423
CGTGACTA ENSG00000199077|hsa-mir-129-2
CGTGACTC ENSG00000208036|hsa-mir-106b ENSG00000207547|hsa-mir-25 ENSG00000207757|hsa-mir-93 ENSG00000207571|hsa-mir-615
CGTGAGCA ENSG00000210741|hsa-mir-196a-1
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CGTGCAAC ENSG00000199085|hsa-mir-148a
CGTGCTGA ENSG00000199023|hsa-mir-339
CGTGGCCA ENSG00000199032|hsa-mir-425
CGTGGTAC ENSG00000207581|hsa-mir-199b
CGTGGTCA ENSG00000199066|hsa-mir-330
CGTGTCAA ENSG00000207732|hsa-mir-218-1
CGTTAAAA ENSG00000199085|hsa-mir-148a
CGTTAAAC ENSG00000207602|hsa-mir-106a ENSG00000207572|hsa-mir-363 ENSG00000207710|hsa-mir-20b
CGTTAACC ENSG00000199043|hsa-mir-335
CGTTACAA ENSG00000202641|hsa-mir-484 ENSG00000198987|hsa-mir-16-2
CGTTTCGAA ENSG00000199047|hsa-mir-378
CGTTGGAA ENSG00000211590|hsa-mir-802

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| CGTTGTCA ENSG00000199071 hsa-mir-423 | ENSG00000199172 hsa-mir-331 | | | |
| CGTTTAAG ENSG00000207791 hsa-mir-497 | ENSG00000207929 hsa-mir-195 | | | |
| CTAACCGC ENSG00000207726 hsa-mir-455 | | | | |
| CTAATCGA ENSG00000199036 hsa-mir-219-1 | ENSG00000207597 hsa-mir-490 | | | |
| CTAATCGA Xie:RnTAATCGAtNw CDP | | | | |
| CTAATCGC ENSG00000207819 hsa-mir-9-3 | | | | |
| CTAATTAC ENSG00000207702 hsa-mir-211 | | | | |
| GTAATTAG Xie:GTAAKTnG NCX | | | | |
| CTAATTGA ENSG00000207865 hsa-mir-34a | | | | |
| CTACGGAA ENSG00000207954 hsa-mir-138-1 | | | | |
| CTACTTAC ENSG00000199065 hsa-mir-101-2 | | | | |
| GTAAGTAG Xie:GTAAKTnG NCX | | | | |
| CTATAACA ENSG00000207649 hsa-mir-138-2 | | | | |
| CTATAATA ENSG00000202609 hsa-mir-488 | | | | |
| CTATGCAA ENSG00000199053 hsa-mir-324 | | | | |
| CTATTAAG ENSG00000199032 hsa-mir-425 | | | | |
| CTATTTAA ENSG00000207571 hsa-mir-615 | | | | |
| CTCAATTA ENSG00000207702 hsa-mir-211 | | | | |
| CTCACGAC ENSG00000211563 hsa-mir-338 | ENSG00000198981 hsa-mir-29a | ENSG00000199122 hsa-mir-148b | | |
| CTCCACAC ENSG00000199077 hsa-mir-129-2 | | | | |
| CTCCGCC ENSG00000198973 hsa-mir-375 | | | | |
| CTCCGTAC ENSG00000207611 hsa-mir-149 | ENSG00000207789 hsa-mir-26a-2 | ENSG00000211563 hsa-mir-338 | | |
| CTCGCGAG ENSG00000207698 hsa-mir-32 | | | | |
| CTCGTTAA ENSG00000199085 hsa-mir-148a | | | | |
| CTCTTATA ENSG00000198973 hsa-mir-375 | | | | |
| CTCTTTCC ENSG00000199036 hsa-mir-219-1 | | | | |
| CTGACGCA ENSG00000207717 hsa-mir-551b | | | | |
| CTGACGTA ENSG00000207947 hsa-mir-152 | | | | |
| CTGCGTAA ENSG00000199077 hsa-mir-129-2 | | | | |
| CTGCGTTA ENSG00000207656 hsa-mir-489 | | | | |
| CTGGCCA ENSG00000199059 hsa-mir-135b | | | | |
| CTGGCGTA ENSG00000207692 hsa-mir-592 | | | | |
| CTGGGCCA ENSG00000199059 hsa-mir-135b | | | | |
| CTGGTCCG ENSG00000199047 hsa-mir-378 | | | | |
| CTGTGCAA ENSG00000198986 hsa-let-7a-3 | ENSG00000207875 hsa-let-7b | | | |
| CTTACGTC ENSG00000207702 hsa-mir-211 | ENSG00000198974 hsa-mir-30e | ENSG00000207962 hsa-mir-30c-1 | | |
| GACGTAAG Xie:GTGACGTARS E4F1 | | | | |
| CTTATAGC ENSG00000199082 hsa-mir-342 | | | | |
| CTTATATA ENSG00000199017 hsa-mir-1-1 | ENSG00000207764 hsa-mir-133a-2 | | | |
| CTTCATAA ENSG00000207617 hsa-mir-24-1 | | | | |
| CTTCCGTA ENSG00000199043 hsa-mir-335 | | | | |
| CTTCCGTC ENSG00000199161 hsa-mir-126 | ENSG00000207618 hsa-mir-144 | ENSG00000207794 hsa-mir-451 | ENSG00000208024 hsa-mir-199a-2 | ENSG00000207949 hsa-mir-214 |
| CTTCGATC ENSG00000207955 hsa-mir-219-2 | | | | |
| CTTGATTA ENSG00000208035 hsa-mir-143 | | | | |
| CTTTCGAC ENSG00000198984 hsa-mir-345 | | | | |
| CTTTCGGA ENSG00000207623 hsa-mir-205 | | | | |
| CTTTTCCC ENSG00000199085 hsa-mir-148a | | | | |
| CTTTTCGA ENSG00000207865 hsa-mir-34a | | | | |
| GAACGCGC ENSG00000207695 hsa-mir-184 | | | | |
| GAACGGCA ENSG00000198974 hsa-mir-30e | ENSG00000207962 hsa-mir-30c-1 | ENSG00000208005 hsa-mir-503 | ENSG00000207784 hsa-mir-542 | |
| GAAGGGGA ENSG00000207811 hsa-mir-34b | ENSG00000207562 hsa-mir-34c | | | |
| GAATATGC ENSG00000199077 hsa-mir-129-2 | | | | |
| GAATATTC ENSG00000199085 hsa-mir-148a | | | | |
| GAATATTC Xie:GAAnnWTCK HSF2 | | | | |
| GAATATTC Xie:GAAnnWTCK HSF2 | | | | |
| GAATGCGA ENSG00000208017 hsa-mir-140 | | | | |
| GAATGTTA ENSG00000198984 hsa-mir-345 | ENSG00000198995 hsa-mir-340 | | | |
| GACACGTA ENSG00000207745 hsa-mir-17 | ENSG00000207610 hsa-mir-19a | ENSG00000199149 hsa-mir-20a | | |
| GACAGGGA ENSG00000207635 hsa-mir-499 | | | | |
| GACCATAA ENSG00000199036 hsa-mir-219-1 | | | | |
| GACCCGTC ENSG00000207777 hsa-mir-10a | | | | |
| GACCGGTA ENSG00000208024 hsa-mir-199a-2 | ENSG00000207949 hsa-mir-214 | | | |
| GACCCGTC ENSG00000207732 hsa-mir-218-1 | | | | |
| GACCTCCA ENSG00000208009 hsa-mir-130a | | | | |
| GACGACAC ENSG00000207728 hsa-mir-449b | ENSG00000207953 hsa-mir-212 | | | |
| GACGCAAA ENSG00000207935 hsa-mir-204 | | | | |
| GACGCACC ENSG00000208037 hsa-mir-320 | | | | |
| GACGCGTC ENSG00000199090 hsa-mir-326 | | | | |
| GACGCTGA ENSG00000199071 hsa-mir-423 | | | | |
| GAGCGTGA ENSG00000210741 hsa-mir-196a-1 | | | | |
| GAGGGCGC ENSG00000207960 hsa-mir-153-2 | | | | |
| GAGTCGAA ENSG00000199023 hsa-mir-339 | | | | |
| GAGTCGTA ENSG00000207698 hsa-mir-32 | | | | |
| GATAAATC ENSG00000207581 hsa-mir-199b | | | | |
| GATAACCC ENSG00000207782 hsa-mir-150 | | | | |
| GATAAGGC ENSG00000207739 hsa-mir-218-2 | | | | |
| GATAATTA ENSG00000207745 hsa-mir-17 | ENSG00000207610 hsa-mir-19a | ENSG00000199149 hsa-mir-20a | | |
| TAATTATC Xie:AAWAATTAnS PAX-4 | | | | |
| GATATTA ENSG00000207950 hsa-mir-296 | | | | |
| GATCAATC ENSG00000207692 hsa-mir-592 | | | | |
| GATCGATA ENSG00000207611 hsa-mir-149 | ENSG00000198987 hsa-mir-16-2 | | | |
| GATCGCCA ENSG00000207819 hsa-mir-9-3 | | | | |
| GATCGTGA ENSG00000207728 hsa-mir-449b | | | | |
| GATCTAGC ENSG00000207819 hsa-mir-9-3 | | | | |
| GATCTCGC ENSG00000207698 hsa-mir-32 | | | | |
| GATGCAAC ENSG00000207585 hsa-mir-181d | | | | |
| GATGCCGA ENSG00000207611 hsa-mir-149 | | | | |
| GATGCGAC ENSG00000199085 hsa-mir-148a | | | | |
| GATGCGCA ENSG00000207739 hsa-mir-218-2 | | | | |
| GATGCGCC ENSG00000199130 hsa-mir-365-1 | ENSG00000207933 hsa-mir-9-1 | | | |
| GATGTTGA ENSG00000208037 hsa-mir-320 | | | | |

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|---|--------------------------------|------------------------------|------------------------------|
| GATTAGCA ENSG00000207702 hsa-mir-211 | | | |
| GATTCAAC ENSG00000207618 hsa-mir-144 | ENSG00000207794 hsa-mir-451 | ENSG00000199071 hsa-mir-423 | |
| GATTGCGC ENSG00000207797 hsa-mir-187 | | | |
| GATTGGTA ENSG00000199059 hsa-mir-135b | | | |
| GATTGTTA ENSG00000199122 hsa-mir-148b | | | |
| GATTGTTA Xie:ATTGTT SOX-5 | | | |
| GCAATCGC ENSG00000207731 hsa-mir-506 | | | |
| GCACCGCC ENSG00000199065 hsa-mir-101-2 | | | |
| GCACCGGC ENSG00000207955 hsa-mir-219-2 | ENSG00000202609 hsa-mir-488 | | |
| GCAGCCGC ENSG00000199104 hsa-mir-346 | | | |
| GCAGCGCA ENSG00000198981 hsa-mir-29a | | | |
| GCAGCGCC ENSG00000207811 hsa-mir-34b | ENSG00000207562 hsa-mir-34c | | |
| GCAGTATA ENSG00000198973 hsa-mir-375 | | | |
| GCATGCGC ENSG00000207792 hsa-mir-151 | | | |
| GCGCATGC Xie:YGGCATGCG NRF-1 | | | |
| GCATTATA ENSG00000207792 hsa-mir-151 | | | |
| GCCACGCC ENSG00000199032 hsa-mir-425 | ENSG00000207789 hsa-mir-26a-2 | | |
| GCCCCGCC ENSG00000199038 hsa-mir-210 | | | |
| GGCGGGGC Xie:GGGCGGGGC SP-1 | | | |
| GCCCCCTCC ENSG00000207777 hsa-mir-10a | ENSG00000207933 hsa-mir-9-1 | | |
| GCCCCGTTA ENSG00000207960 hsa-mir-153-2 | | | |
| GCCCTATA ENSG00000207618 hsa-mir-144 | ENSG00000207794 hsa-mir-451 | | |
| GCCGCAGC ENSG00000199104 hsa-mir-346 | ENSG00000207732 hsa-mir-218-1 | | |
| GCCGCGCC ENSG00000207960 hsa-mir-153-2 | | | |
| GCCGCTAA ENSG00000199104 hsa-mir-346 | ENSG00000207789 hsa-mir-26a-2 | | |
| GCCGCTTA ENSG00000207797 hsa-mir-187 | | | |
| GCCGGAGC ENSG00000207611 hsa-mir-149 | | | |
| GCCGGCGA ENSG00000207571 hsa-mir-615 | | | |
| GCCGTAAA ENSG00000207638 hsa-mir-99a | ENSG00000207863 hsa-mir-125b-2 | | |
| GCCGTACA ENSG00000199130 hsa-mir-365-1 | | | |
| GCCGTACC ENSG00000199017 hsa-mir-1-1 | ENSG00000207764 hsa-mir-133a-2 | ENSG00000199038 hsa-mir-210 | ENSG00000207568 hsa-mir-203 |
| GCCGTCAA ENSG00000199017 hsa-mir-1-1 | ENSG00000207764 hsa-mir-133a-2 | | |
| GCCTATAA ENSG00000207953 hsa-mir-212 | | | |
| GCCTATAC ENSG00000199065 hsa-mir-101-2 | | | |
| GCCTCGAC ENSG00000207623 hsa-mir-205 | | | |
| GCCTGCGC ENSG00000199047 hsa-mir-378 | | | |
| GCCTTATA ENSG00000207811 hsa-mir-34b | ENSG00000207562 hsa-mir-34c | | |
| TATAAGGC Xie:GnCCAWATAWGGM | SRF | | |
| GCGAACAA ENSG00000207744 hsa-mir-10b | | | |
| GCGAATAA ENSG00000207651 hsa-mir-28 | | | |
| GCGAATCA ENSG00000208009 hsa-mir-130a | | | |
| GCGACCAC ENSG00000199085 hsa-mir-148a | | | |
| GCGAGGAC ENSG00000208005 hsa-mir-503 | ENSG00000207784 hsa-mir-542 | | |
| GCGATTTA ENSG00000207726 hsa-mir-455 | | | |
| GCGCAACA ENSG00000199085 hsa-mir-148a | | | |
| GCGCAATA ENSG00000198987 hsa-mir-16-2 | | | |
| GCGCACGC ENSG00000207792 hsa-mir-151 | | | |
| GCGCATCA ENSG00000207935 hsa-mir-204 | ENSG00000199130 hsa-mir-365-1 | | |
| GCGCATGA ENSG00000207777 hsa-mir-10a | | | |
| GCGCCAAC ENSG00000207865 hsa-mir-34a | | | |
| GCGCGAGA ENSG00000199071 hsa-mir-423 | ENSG00000207698 hsa-mir-32 | | |
| GCGCGGGA ENSG00000207611 hsa-mir-149 | ENSG00000207819 hsa-mir-9-3 | | |
| GCGCTCAC ENSG00000207819 hsa-mir-9-3 | ENSG00000199130 hsa-mir-365-1 | | |
| GCGCTGAC ENSG00000199043 hsa-mir-335 | | | |
| GCGCTTAC ENSG00000199104 hsa-mir-346 | ENSG00000207695 hsa-mir-184 | | |
| GCGCTTTA ENSG00000199047 hsa-mir-378 | | | |
| GCGGACAA ENSG00000207597 hsa-mir-490 | | | |
| GCGGGGCC ENSG00000199038 hsa-mir-210 | ENSG00000207739 hsa-mir-218-2 | | |
| GCGGTAAA ENSG00000202641 hsa-mir-484 | | | |
| GCGGTTGA ENSG00000198995 hsa-mir-340 | | | |
| GCGGTTTA ENSG00000199122 hsa-mir-148b | | | |
| GCGTCTTA ENSG00000211517 hsa-mir-671 | | | |
| GCGTGGTA ENSG00000199065 hsa-mir-101-2 | | | |
| GCGTGTCA ENSG00000208037 hsa-mir-320 | | | |
| GCGTTAAC ENSG00000199043 hsa-mir-335 | | | |
| GCGTTTAA ENSG00000198995 hsa-mir-340 | | | |
| GCGTTTTA ENSG00000199122 hsa-mir-148b | | | |
| GCTAACAA ENSG00000207698 hsa-mir-32 | | | |
| GCTAATCC ENSG00000207702 hsa-mir-211 | ENSG00000207752 hsa-mir-199a-1 | | |
| GCTCGTTA ENSG00000207792 hsa-mir-151 | | | |
| GCTTAATA ENSG00000199032 hsa-mir-425 | ENSG00000202641 hsa-mir-484 | | |
| GCTTTTCC ENSG00000208024 hsa-mir-199a-2 | ENSG00000207949 hsa-mir-214 | | |
| GGAAGGCC ENSG00000207782 hsa-mir-150 | | | |
| GGAAGTGA ENSG00000207939 hsa-mir-223 | | | |
| GGACGCAC ENSG00000208037 hsa-mir-320 | | | |
| GGACTTCA ENSG00000199058 hsa-mir-302b | ENSG00000199169 hsa-mir-367 | ENSG00000199145 hsa-mir-302d | ENSG00000199102 hsa-mir-302c |
| GGATTGAC ENSG00000199038 hsa-mir-210 | | | |
| GGCAACGA ENSG00000207827 hsa-mir-30a | ENSG00000199094 hsa-mir-30c-2 | | |
| GGCAGTTA ENSG00000199104 hsa-mir-346 | | | |
| GGCCGTAC ENSG00000199017 hsa-mir-1-1 | ENSG00000207764 hsa-mir-133a-2 | ENSG00000199038 hsa-mir-210 | |
| GGCCGTTA ENSG00000207728 hsa-mir-449b | | | |
| GGCGAGCC ENSG00000199043 hsa-mir-335 | | | |
| GGCGATAA ENSG00000199090 hsa-mir-326 | | | |
| GGCGATTA ENSG00000207819 hsa-mir-9-3 | ENSG00000198987 hsa-mir-16-2 | | |
| GGCGCACA ENSG00000207947 hsa-mir-152 | | | |
| GGCGCCAC ENSG00000207698 hsa-mir-32 | | | |
| GGCGCGAA ENSG00000207718 hsa-mir-15a | ENSG00000208006 hsa-mir-16-1 | ENSG00000207777 hsa-mir-10a | |
| GGCGGCAA ENSG00000208009 hsa-mir-130a | | | |
| GGCGGTAA ENSG00000207935 hsa-mir-204 | | | |
| GGCTATAA ENSG00000199082 hsa-mir-342 | | | |
| GGCTGCAC ENSG00000207692 hsa-mir-592 | | | |

| | | | |
|--|--------------------------------|------------------------------|-----------------------------|
| GGGACGCA ENSG00000208037 hsa-mir-320 | | | |
| GGGATATA ENSG00000199157 hsa-mir-208 | ENSG00000207791 hsa-mir-497 | ENSG00000207929 hsa-mir-195 | |
| GGTACGCA ENSG00000207567 hsa-mir-142 | | | |
| GGTATATA ENSG00000199017 hsa-mir-1-1 | ENSG00000207764 hsa-mir-133a-2 | | |
| GGTCGCAA ENSG00000199032 hsa-mir-425 | ENSG00000199085 hsa-mir-148a | | |
| GGTCGCAC ENSG00000207960 hsa-mir-153-2 | | | |
| GGTCGTCA ENSG00000207585 hsa-mir-181d | | | |
| GGTCGTGA ENSG00000198981 hsa-mir-29a | | | |
| GGTGAATA ENSG00000207618 hsa-mir-144 | ENSG00000207794 hsa-mir-451 | ENSG00000207726 hsa-mir-455 | |
| GGTGTAAAC ENSG00000207721 hsa-mir-186 | | | |
| GGTTAACCC ENSG00000207827 hsa-mir-30a | ENSG00000199094 hsa-mir-30c-2 | | |
| GTAACCGA ENSG00000207614 hsa-mir-193a | ENSG00000199187 hsa-mir-365-2 | | |
| GTAACGAA ENSG00000198987 hsa-mir-16-2 | | | |
| GTAACGGA ENSG00000207935 hsa-mir-204 | | | |
| GTAAGACA ENSG00000199053 hsa-mir-324 | | | |
| GTACCATA ENSG00000199071 hsa-mir-423 | | | |
| GTAGATTA ENSG00000208017 hsa-mir-140 | | | |
| GTAGCGAA ENSG00000199032 hsa-mir-425 | | | |
| GTATATAA ENSG00000199017 hsa-mir-1-1 | ENSG00000207764 hsa-mir-133a-2 | | |
| GTCACGCA ENSG00000207635 hsa-mir-499 | ENSG00000208036 hsa-mir-106b | ENSG00000207547 hsa-mir-25 | ENSG00000207757 hsa-mir-93 |
| GTCACGGA ENSG00000199071 hsa-mir-423 | | | |
| GTCACGAC ENSG00000207865 hsa-mir-34a | | | |
| GTCATGAC ENSG00000199017 hsa-mir-1-1 | ENSG00000207764 hsa-mir-133a-2 | | |
| GTCCACTA ENSG00000207731 hsa-mir-506 | | | |
| GTCCGAAA ENSG00000211563 hsa-mir-338 | | | |
| GTCGACTA ENSG00000207739 hsa-mir-218-2 | ENSG00000198987 hsa-mir-16-2 | | |
| GTCGCAAA ENSG00000198986 hsa-let-7a-3 | ENSG00000207875 hsa-let-7b | ENSG00000202641 hsa-mir-484 | |
| GTCGCAAC ENSG00000208005 hsa-mir-503 | ENSG00000207784 hsa-mir-542 | | |
| GTCGCCAA ENSG00000207744 hsa-mir-10b | | | |
| GTCGCGAA ENSG00000199038 hsa-mir-210 | | | |
| GTCGGTCA ENSG00000199135 hsa-mir-101-1 | | | |
| GTCGTAC ENSG00000199071 hsa-mir-423 | | | |
| GTCGTGAA ENSG00000211563 hsa-mir-338 | | | |
| GTCGTGTA ENSG00000207614 hsa-mir-193a | ENSG00000199187 hsa-mir-365-2 | | |
| GTCTCGTA ENSG00000207550 hsa-mir-99b | ENSG00000198972 hsa-let-7e | | |
| GTCTTCGA ENSG00000207694 hsa-mir-1-2 | | | |
| GTTAATAA ENSG00000207726 hsa-mir-455 | | | |
| GTCGCTCA ENSG00000207827 hsa-mir-30a | ENSG00000199094 hsa-mir-30c-2 | | |
| GTGTGCGA ENSG00000208036 hsa-mir-106b | ENSG00000207547 hsa-mir-25 | ENSG00000207757 hsa-mir-93 | |
| GTTACATA ENSG00000199017 hsa-mir-1-1 | ENSG00000207764 hsa-mir-133a-2 | | |
| GTACATA Xie:RTTACRTAAY E4BP4 | | | |
| GTTACGAA ENSG00000207725 hsa-mir-222 | ENSG00000207870 hsa-mir-221 | | |
| GTTATTCa ENSG00000207955 hsa-mir-219-2 | | | |
| GTTGAATA ENSG00000199077 hsa-mir-129-2 | ENSG00000207791 hsa-mir-497 | ENSG00000207929 hsa-mir-195 | ENSG00000207633 hsa-mir-505 |
| GTTGAATA Xie:CTGTTGAAWATT HP1 | | | |
| GTTGATAA ENSG00000207865 hsa-mir-34a | | | |
| GTTGCCTA ENSG00000211517 hsa-mir-671 | | | |
| TAGGCAAC Xie:GTTGCWGGYAAC | MIF-1 | | |
| GTTGCGCA ENSG00000207623 hsa-mir-205 | | | |
| GTTTACGA ENSG00000207745 hsa-mir-17 | ENSG00000207610 hsa-mir-19a | ENSG00000199149 hsa-mir-20a | |
| TAAAGGTA ENSG00000207795 hsa-mir-155 | | | |
| TAACCGGA ENSG00000199122 hsa-mir-148b | | | |
| TAACGTCA ENSG00000208037 hsa-mir-320 | ENSG00000199153 hsa-mir-30d | ENSG00000207582 hsa-mir-30b | |
| TAATCCAA ENSG00000199065 hsa-mir-101-2 | ENSG00000208017 hsa-mir-140 | | |
| TAATCCGA ENSG00000207623 hsa-mir-205 | ENSG00000207717 hsa-mir-551b | | |
| TAATCGAA ENSG00000207597 hsa-mir-490 | | | |
| TAATTCGA ENSG00000207960 hsa-mir-153-2 | | | |
| TAATTGAA ENSG00000207811 hsa-mir-34b | ENSG00000207562 hsa-mir-34c | ENSG00000198987 hsa-mir-16-2 | |
| TACCGCCA ENSG00000207732 hsa-mir-218-1 | ENSG00000207935 hsa-mir-204 | | |
| TACCGGAA ENSG00000202641 hsa-mir-484 | ENSG00000199122 hsa-mir-148b | | |
| TACGGCAA ENSG00000199065 hsa-mir-101-2 | | | |
| TAGCAACA ENSG00000202641 hsa-mir-484 | | | |
| TAGCGCAA ENSG00000198987 hsa-mir-16-2 | | | |
| TAGCGGAA ENSG00000207617 hsa-mir-24-1 | ENSG00000208009 hsa-mir-130a | | |
| TATGATAA ENSG00000207618 hsa-mir-144 | ENSG00000207794 hsa-mir-451 | | |
| TATTAATA ENSG00000199071 hsa-mir-423 | | | |
| TATTAATA MATCH:V\$CDXA_02 CdxA | | | |
| TATTGCAA ENSG00000199065 hsa-mir-101-2 | | | |
| TATTGGGA ENSG00000199023 hsa-mir-339 | | | |
| TATTGTAA ENSG00000199036 hsa-mir-219-1 | | | |
| TCACACGA ENSG00000207726 hsa-mir-455 | | | |
| TCACGCAA ENSG00000207633 hsa-mir-505 | ENSG00000211590 hsa-mir-802 | | |
| TTGCGTGA Xie:TnGCGTG AHR | | | |
| TCACGTAA ENSG00000199071 hsa-mir-423 | | | |
| TCACGTCA ENSG00000198995 hsa-mir-340 | | | |
| TCACGTCA MATCH:V\$ATF6_01 ATF6 | | | |
| TCACGTGA ENSG00000208017 hsa-mir-140 | | | |
| TCACGTGA Xie:ATCACGTGAY SREBP-1 | | | |
| TCACGTGA Xie:ATCACGTGAY SREBP-1 | | | |
| TCAGACGA ENSG00000198973 hsa-mir-375 | | | |
| TCCGAAA ENSG00000211563 hsa-mir-338 | ENSG00000207630 hsa-mir-7-3 | | |
| TCCGTCAA ENSG00000199024 hsa-mir-103-2 | | | |
| TCGACTAA ENSG00000207739 hsa-mir-218-2 | ENSG00000198987 hsa-mir-16-2 | | |
| TCGATAAA ENSG00000207694 hsa-mir-1-2 | | | |
| TCGCACAA ENSG00000207581 hsa-mir-199b | | | |
| TCGCCACA ENSG00000199024 hsa-mir-103-2 | | | |
| TCGCGACA ENSG00000208037 hsa-mir-320 | | | |
| TCGCGAGA ENSG00000207698 hsa-mir-32 | | | |
| TCGCTAAA ENSG00000199122 hsa-mir-148b | | | |
| TCGGGCAA ENSG00000198984 hsa-mir-345 | | | |
| TCGTGAGA ENSG00000207728 hsa-mir-449b | ENSG00000207933 hsa-mir-9-1 | | |

TCGTGACA ENSG00000199004|hsa-mir-21
TCGTGTAA ENSG00000207614|hsa-mir-193a ENSG00000199187|hsa-mir-365-2
TCGTTACA ENSG00000198987|hsa-mir-16-2
TGACCGCA ENSG00000211517|hsa-mir-671
TGACGACA ENSG00000207728|hsa-mir-449b ENSG00000199071|hsa-mir-423
TGACGTCA ENSG00000207953|hsa-mir-212
TGACGTCA Xie: TGACGTARRG ATF-1
TGACGTCA Xie: TGACGTMA CREB
TGACGTCA Xie: TGACGTARRG ATF-1
TGACGTCA Xie: TGACGTMA CREB
TGATGCAA ENSG00000207585|hsa-mir-181d
TGCCGGCA ENSG00000207752|hsa-mir-199a-1 ENSG00000207980|hsa-mir-23a ENSG00000209707|hsa-mir-24-2 ENSG00000207808|hsa-mir-27a
TGCCGTAA ENSG00000199065|hsa-mir-101-2 ENSG00000207638|hsa-mir-99a ENSG00000207863|hsa-mir-125b-2
TGCGCTAA ENSG00000199036|hsa-mir-219-1
TGCGTAAA ENSG00000199077|hsa-mir-129-2
TGGCGCCA ENSG00000207567|hsa-mir-142
TGGCGGAA ENSG00000208036|hsa-mir-106b ENSG00000207547|hsa-mir-25 ENSG00000207757|hsa-mir-93
TGGCGTAA ENSG00000207618|hsa-mir-144 ENSG00000207794|hsa-mir-451 ENSG00000207692|hsa-mir-592
TGGTACCA ENSG00000207705|hsa-mir-129-1 ENSG00000208024|hsa-mir-199a-2 ENSG00000207949|hsa-mir-214
TGTCGCAA ENSG00000202641|hsa-mir-484 ENSG00000208005|hsa-mir-503 ENSG00000207784|hsa-mir-542
TTAATGAA ENSG00000208017|hsa-mir-140
TTAGTCAA ENSG00000199017|hsa-mir-1-1 ENSG00000207764|hsa-mir-133a-2
TTCATAAA ENSG00000207617|hsa-mir-24-1
TTCCGAAA ENSG00000198995|hsa-mir-340 ENSG00000207694|hsa-mir-1-2
TTCGAAAA ENSG00000207865|hsa-mir-34a
TTGCGAAA ENSG00000199043|hsa-mir-335
AAAAACACC ENSG00000202641|hsa-mir-484 ENSG00000207791|hsa-mir-497 ENSG00000207929|hsa-mir-195
AAAAACCCA ENSG00000207702|hsa-mir-211
AAAAACGTT ENSG00000207791|hsa-mir-497 ENSG00000207929|hsa-mir-195 ENSG00000207633|hsa-mir-505
AAAAAGAGC ENSG00000207597|hsa-mir-490
AAAAAGTCC ENSG00000207602|hsa-mir-106a ENSG00000207572|hsa-mir-363 ENSG00000207710|hsa-mir-20b
AAAAAGTGC ENSG00000198987|hsa-mir-16-2
AAAAAGTTG ENSG00000199085|hsa-mir-148a
AAAAATACC ENSG00000207635|hsa-mir-499 ENSG00000207633|hsa-mir-505
AAAAATAGC ENSG00000199017|hsa-mir-1-1 ENSG00000207764|hsa-mir-133a-2 ENSG00000207635|hsa-mir-499 ENSG00000207548|hsa-mir-217
AAAAATAGC Xie: YTAATAWATAGCY MEF-2
AAAAATATT ENSG00000199077|hsa-mir-129-2
AAAAACAGCT ENSG00000207611|hsa-mir-149
AAAACAGTT ENSG00000199053|hsa-mir-324
AAAACCCCC ENSG00000202641|hsa-mir-484
AAAACCGGA ENSG00000207649|hsa-mir-138-2
AAAACCGGT ENSG00000207568|hsa-mir-203
AAAACCTAG ENSG00000199077|hsa-mir-129-2
AAAATCCC ENSG00000199077|hsa-mir-129-2 ENSG00000207726|hsa-mir-455
AAAATCGG ENSG00000207933|hsa-mir-9-1
AAAATGCC ENSG00000199157|hsa-mir-208
GGCAGTTTT Xie: GKCRGKTT TCF-1(P)
AAAATTTCG ENSG00000207717|hsa-mir-551b
AAAAGACCC ENSG00000199036|hsa-mir-219-1
AAAAGCATT ENSG00000199065|hsa-mir-101-2
AAAAGCCCG ENSG00000207955|hsa-mir-219-2
AAAAGCCCG ENSG00000207953|hsa-mir-212
AAAAGCCGG ENSG00000207728|hsa-mir-449b
AAAAGCGAG ENSG00000207811|hsa-mir-34b ENSG00000207562|hsa-mir-34c ENSG00000207586|hsa-mir-135a-2
AAAAGCGGA ENSG00000199177|hsa-mir-31
AAAAGCGGC ENSG00000210741|hsa-mir-196a-1
AAAAGGCC ENSG00000199058|hsa-mir-302b ENSG00000199169|hsa-mir-367 ENSG00000199145|hsa-mir-302d ENSG00000199102|hsa-mir-302c ENSG00000199135|hsa-mir-101-1
AAAAGGCCG ENSG00000207568|hsa-mir-203 ENSG00000207698|hsa-mir-32
AAAAGGGTT ENSG00000198987|hsa-mir-16-2
AAAAGGTGT ENSG00000202641|hsa-mir-484
AAAAGTCTG ENSG00000207630|hsa-mir-7-3
AAAAGTGAC ENSG00000198973|hsa-mir-375
AAAATGCG ENSG00000198987|hsa-mir-16-2
AAAAGTTGC ENSG00000199085|hsa-mir-148a ENSG00000207732|hsa-mir-218-1 ENSG00000207995|hsa-mir-325
AAAATAACC ENSG00000198987|hsa-mir-16-2
AAAATAAGC ENSG00000199065|hsa-mir-101-2
AAAATACCA ENSG00000207633|hsa-mir-505
AAAATAGCA ENSG00000207789|hsa-mir-26a-2
AAAATAGCC ENSG00000199017|hsa-mir-1-1 ENSG00000207764|hsa-mir-133a-2 ENSG00000207635|hsa-mir-499
AAAATAGCC Xie: YTAATAWATAGCY MEF-2
AAAATAGCT ENSG00000207548|hsa-mir-217
AAAATAGCT Xie: YTAATAWATAGCY MEF-2
AAAATATAG ENSG00000207635|hsa-mir-499
AAAATATTG ENSG00000199077|hsa-mir-129-2
AAAATCAAG ENSG00000207791|hsa-mir-497 ENSG00000207929|hsa-mir-195
AAAATCAGG ENSG00000199023|hsa-mir-339
AAAATCCAA ENSG00000207791|hsa-mir-497 ENSG00000207929|hsa-mir-195
AAAATCCCC ENSG00000207630|hsa-mir-7-3
AAAATGACA ENSG00000199077|hsa-mir-129-2
AAAATGCCT ENSG00000207809|hsa-mir-139
AAAATGGCT ENSG00000199032|hsa-mir-425 ENSG00000207585|hsa-mir-181d
AGCCATTTT Xie: GCCATnTT YY1
AAAATTAGG ENSG00000207950|hsa-mir-296
AAAATTAGG Xie: AAWAATTAnS PAX-4
CCTAATTTT Xie: CYAATTWT HOXA4
AAACAAACG ENSG00000207585|hsa-mir-181d
CGTTTGTTT Xie: KTWGTTT SRY
AAACAACCC ENSG00000207789|hsa-mir-26a-2 ENSG00000199122|hsa-mir-148b ENSG00000207731|hsa-mir-506
GGTTGTTT Xie: GGGKKGTTTGGGG RREB-1
GGTTGTTT Xie: KTWGTTT SRY
AAACAGACC ENSG00000199104|hsa-mir-346

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|------------|-------------------------------------|-------------------------------|-----------------------------|-------------------------------|
| AAACAGCAC | ENSG00000207585 hsa-mir-181d | | | |
| AAACAGTCC | ENSG00000199047 hsa-mir-378 | ENSG00000208009 hsa-mir-130a | | |
| AAACATGCC | ENSG00000207791 hsa-mir-497 | ENSG00000207929 hsa-mir-195 | | |
| AAACATGGC | ENSG00000207791 hsa-mir-497 | ENSG00000207929 hsa-mir-195 | | |
| | GCCATGTTT Xie:GCCATnTT YY1 | | | |
| | AAACATGGC MATCH:V\$YY1_Q6 YY1 | | | |
| AAACATTTTC | ENSG00000198995 hsa-mir-340 | ENSG00000211517 hsa-mir-671 | | |
| AAACCAGAC | ENSG00000207691 hsa-mir-183 | ENSG00000207990 hsa-mir-182 | ENSG00000199158 hsa-mir-96 | ENSG00000207954 hsa-mir-138-1 |
| AAACCAGGA | ENSG00000207694 hsa-mir-1-2 | | | |
| AAACCAGTC | ENSG00000199053 hsa-mir-324 | | | |
| AAACCCATT | ENSG00000199032 hsa-mir-425 | | | |
| AAACCGCCC | ENSG00000207789 hsa-mir-26a-2 | | | |
| | GGGCGGTTT Xie:GKCRGKTT TCF-1 (P) | | | |
| AAACCGGAG | ENSG00000207649 hsa-mir-138-2 | | | |
| AAACCGGTC | ENSG00000207568 hsa-mir-203 | | | |
| AAACCTATT | ENSG00000207721 hsa-mir-186 | | | |
| AAACCTGAA | ENSG00000207596 hsa-mir-194-2 | ENSG00000207648 hsa-mir-192 | | |
| AAACGCCCTC | ENSG00000207698 hsa-mir-32 | | | |
| AAACGCGAC | ENSG00000207955 hsa-mir-219-2 | | | |
| AAACGGCCG | ENSG00000202641 hsa-mir-484 | | | |
| AAACGGGCG | ENSG00000198973 hsa-mir-375 | | | |
| AAACGTACAC | ENSG00000199130 hsa-mir-365-1 | | | |
| AAACGTGGC | ENSG00000198984 hsa-mir-345 | ENSG00000207728 hsa-mir-449b | ENSG00000207791 hsa-mir-497 | ENSG00000207929 hsa-mir-195 |
| AAACTACAA | ENSG00000207698 hsa-mir-32 | | | |
| | TTGTAGTTT Xie:KTWGT TT SRY | | | |
| AAACTCACC | ENSG00000207656 hsa-mir-489 | ENSG00000207694 hsa-mir-1-2 | | |
| AAACTCATT | ENSG00000207739 hsa-mir-218-2 | | | |
| AAACTCCGA | ENSG00000207795 hsa-mir-155 | | | |
| AAACTGACC | ENSG00000199043 hsa-mir-335 | | | |
| | GGTCAGTTT Xie:GKCRGKTT TCF-1 (P) | | | |
| AAACTTATC | ENSG00000207548 hsa-mir-217 | | | |
| AAACTTATG | ENSG00000208005 hsa-mir-503 | ENSG00000207784 hsa-mir-542 | | |
| AAACTTCAG | ENSG00000199121 hsa-mir-26b | | | |
| AAACTTCGT | ENSG00000199023 hsa-mir-339 | ENSG00000207717 hsa-mir-551b | | |
| AAACTTCTG | ENSG00000199085 hsa-mir-148a | | | |
| | CAGAAGTTT Xie:TTCCMGARGYTTC | HSF | | |
| AAACTTGAA | ENSG00000199161 hsa-mir-126 | | | |
| AAACTTGTT | ENSG00000207698 hsa-mir-32 | | | |
| AAACTTTTG | ENSG00000199085 hsa-mir-148a | ENSG00000207726 hsa-mir-455 | | |
| AAAGAAACG | ENSG00000207960 hsa-mir-153-2 | ENSG00000207624 hsa-mir-194-1 | ENSG00000207590 hsa-mir-215 | |
| AAAGACAAA | ENSG00000207732 hsa-mir-218-1 | | | |
| AAAGACCAA | ENSG00000199085 hsa-mir-148a | | | |
| AAAGACGCA | ENSG00000199157 hsa-mir-208 | | | |
| AAAGACGTG | ENSG00000199090 hsa-mir-326 | | | |
| AAAGAGGAT | ENSG00000207635 hsa-mir-499 | | | |
| AAAGAGTCC | ENSG00000207705 hsa-mir-129-1 | ENSG00000207795 hsa-mir-155 | | |
| AAAGATCTC | ENSG00000207950 hsa-mir-296 | | | |
| AAAGATGGT | ENSG00000199043 hsa-mir-335 | | | |
| AAAGCAGCG | ENSG00000207732 hsa-mir-218-1 | | | |
| AAAGCAGTG | ENSG00000207725 hsa-mir-222 | ENSG00000207870 hsa-mir-221 | | |
| AAAGCATGC | ENSG00000202569 hsa-mir-146b | ENSG00000207790 hsa-mir-29b-2 | ENSG00000207966 hsa-mir-29c | |
| AAAGCCCGC | ENSG00000207955 hsa-mir-219-2 | | | |
| AAAGCCGCG | ENSG00000199071 hsa-mir-423 | | | |
| AAAGCGCAC | ENSG00000199177 hsa-mir-31 | | | |
| AAAGCGCAG | ENSG00000199047 hsa-mir-378 | ENSG00000207630 hsa-mir-7-3 | | |
| AAAGCGCCA | ENSG00000207955 hsa-mir-219-2 | ENSG00000199122 hsa-mir-148b | | |
| AAAGCGCCG | ENSG00000207656 hsa-mir-489 | | | |
| AAAGCGCTC | ENSG00000211517 hsa-mir-671 | ENSG00000199130 hsa-mir-365-1 | | |
| AAAGCGGAC | ENSG00000199177 hsa-mir-31 | | | |
| AAAGGACTA | ENSG00000207795 hsa-mir-155 | ENSG00000207865 hsa-mir-34a | ENSG00000207995 hsa-mir-325 | |
| AAAGGCATC | ENSG00000207954 hsa-mir-138-1 | | | |
| AAAGGCAGG | ENSG00000207790 hsa-mir-29b-2 | ENSG00000207966 hsa-mir-29c | | |
| AAAGGCAGC | ENSG00000207698 hsa-mir-32 | | | |
| AAAGGCGGA | ENSG00000207635 hsa-mir-499 | | | |
| AAAGGCTCG | ENSG00000199065 hsa-mir-101-2 | | | |
| AAAGGGTGT | ENSG00000207933 hsa-mir-9-1 | | | |
| AAAGGTCTC | ENSG00000199059 hsa-mir-135b | | | |
| AAAGTAAAT | ENSG00000208037 hsa-mir-320 | | | |
| | ATTTACTTT Xie:TRTTTRYTYW HNF-3 | | | |
| AAAGTACAA | ENSG00000207789 hsa-mir-26a-2 | | | |
| AAAGTACCA | ENSG00000207939 hsa-mir-223 | | | |
| AAAGTAGCA | ENSG00000207651 hsa-mir-28 | | | |
| AAAGTAGGC | ENSG00000207602 hsa-mir-106a | ENSG00000207572 hsa-mir-363 | ENSG00000207710 hsa-mir-20b | |
| AAAGTAGGT | ENSG00000207745 hsa-mir-17 | ENSG00000207610 hsa-mir-19a | ENSG00000199149 hsa-mir-20a | |
| | ACCTACTTT Xie:TGACCTAnWTW RORALPHA2 | | | |
| AAAGTATGC | ENSG00000207717 hsa-mir-551b | | | |
| AAAGTCACC | ENSG00000211590 hsa-mir-802 | | | |
| AAAGTCCAG | ENSG00000199161 hsa-mir-126 | ENSG00000207596 hsa-mir-194-2 | ENSG00000207648 hsa-mir-192 | ENSG00000207630 hsa-mir-7-3 |
| AAAGTCCCG | ENSG00000207571 hsa-mir-615 | | | |
| AAAGTCCCTC | ENSG00000207792 hsa-mir-151 | | | |
| AAAGTCTCG | ENSG00000207726 hsa-mir-455 | ENSG00000207624 hsa-mir-194-1 | ENSG00000207590 hsa-mir-215 | |
| AAAGTGAAC | ENSG00000199161 hsa-mir-126 | ENSG00000199071 hsa-mir-423 | | |
| | AAAGTGAAC Xie:AAGTGAA IRF1 | | | |
| AAAGTGACC | ENSG00000207827 hsa-mir-30a | ENSG00000199094 hsa-mir-30c-2 | | |
| AAAGTGATG | ENSG00000207611 hsa-mir-149 | | | |
| AAAGTGCGG | ENSG00000199161 hsa-mir-126 | ENSG00000198987 hsa-mir-16-2 | ENSG00000207744 hsa-mir-10b | |
| AAAGTGCTC | ENSG00000211574 hsa-mir-770 | ENSG00000208001 hsa-mir-431 | ENSG00000199005 hsa-mir-370 | |
| AAAGTGCTG | ENSG00000207950 hsa-mir-296 | | | |
| AAAGTGCTT | ENSG00000199085 hsa-mir-148a | | | |
| AAAGTGCTA | ENSG00000207656 hsa-mir-489 | | | |
| AAAGTTACA | ENSG00000207726 hsa-mir-455 | | | |

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| AAAGTCAA | ENSG00000207694 hsa-mir-1-2 | | | |
| AAAGTCCC | ENSG00000207739 hsa-mir-218-2 | | | |
| AAAGTTGAT | ENSG00000199177 hsa-mir-31 | | | |
| AAAGTTGCC | ENSG00000199085 hsa-mir-148a | ENSG00000207935 hsa-mir-204 | | |
| AAAGTTGCT | ENSG00000207732 hsa-mir-218-1 | | | |
| AAAGTTGGG | ENSG00000207614 hsa-mir-193a | ENSG00000199187 hsa-mir-365-2 | | |
| AAAGTTTAA | ENSG00000199085 hsa-mir-148a | | | |
| AAAGTTTCG | ENSG00000202609 hsa-mir-488 | ENSG00000210741 hsa-mir-196a-1 | | |
| AAAGTTTGC | ENSG00000207726 hsa-mir-455 | ENSG00000199130 hsa-mir-365-1 | | |
| AAATAAACCC | ENSG00000199077 hsa-mir-129-2 | | | |
| AAATAACCT | ENSG00000207782 hsa-mir-150 | | | |
| AAATAAGCA | ENSG00000199065 hsa-mir-101-2 | | | |
| AAATAATGG | ENSG00000207792 hsa-mir-151 | | | |
| AAATAACCTG | ENSG00000199053 hsa-mir-324 | ENSG00000199130 hsa-mir-365-1 | | |
| AAATAGAGC | ENSG00000211590 hsa-mir-802 | | | |
| AAATAGAGG | ENSG00000207809 hsa-mir-139 | | | |
| AAATAGATC | ENSG00000198981 hsa-mir-29a | ENSG00000207602 hsa-mir-106a | ENSG00000207572 hsa-mir-363 | ENSG00000207710 hsa-mir-20b |
| AAATAGCAA | ENSG00000207789 hsa-mir-26a-2 | | | |
| AAATAGCCC | ENSG00000207635 hsa-mir-499 | | | |
| AAATAGCCT | ENSG00000199017 hsa-mir-1-1 | ENSG00000207764 hsa-mir-133a-2 | | |
| AAATAGCGG | ENSG00000199017 hsa-mir-1-1 | ENSG00000207764 hsa-mir-133a-2 | | |
| AAATAGCTG | ENSG00000207950 hsa-mir-296 | | | |
| AAATAGGAC | ENSG00000202609 hsa-mir-488 | | | |
| AAATAGGTC | ENSG00000199130 hsa-mir-365-1 | | | |
| | GACCTATTT Xie: TGACCTAnWTW RORALPHA2 | | | |
| AAATATAGA | ENSG00000207635 hsa-mir-499 | | | |
| AAATATGGG | ENSG00000207721 hsa-mir-186 | | | |
| AAATATTGA | ENSG00000198973 hsa-mir-375 | | | |
| AAATATTTT | ENSG00000199077 hsa-mir-129-2 | | | |
| AAATCAATG | ENSG00000207939 hsa-mir-223 | | | |
| AAATCAGCC | ENSG00000207692 hsa-mir-592 | | | |
| AAATCAGCT | ENSG00000199153 hsa-mir-30d | ENSG00000207582 hsa-mir-30b | | |
| AAATCAGGA | ENSG00000199023 hsa-mir-339 | | | |
| AAATCAGGC | ENSG00000207596 hsa-mir-194-2 | ENSG00000207648 hsa-mir-192 | ENSG00000207950 hsa-mir-296 | |
| AAATCAGGG | ENSG00000199157 hsa-mir-208 | | | |
| AAATCCAAC | ENSG00000207702 hsa-mir-211 | | | |
| AAATCCATG | ENSG00000211590 hsa-mir-802 | | | |
| AAATCCCCC | ENSG00000207604 hsa-mir-206 | ENSG00000199080 hsa-mir-133b | | |
| AAATCCCCCT | ENSG00000207630 hsa-mir-7-3 | | | |
| AAATCCCCG | ENSG00000199017 hsa-mir-1-1 | ENSG00000207764 hsa-mir-133a-2 | ENSG00000207752 hsa-mir-199a-1 | |
| AAATCCCTT | ENSG00000198987 hsa-mir-16-2 | | | |
| AAATCCGAG | ENSG00000207596 hsa-mir-194-2 | ENSG00000207648 hsa-mir-192 | | |
| AAATCCTAA | ENSG00000207752 hsa-mir-199a-1 | | | |
| AAATCCTGT | ENSG00000207698 hsa-mir-32 | | | |
| AAATCCTTC | ENSG00000207726 hsa-mir-455 | ENSG00000199024 hsa-mir-103-2 | | |
| AAATCGCCT | ENSG00000207726 hsa-mir-455 | | | |
| AAATCGGCT | ENSG00000199122 hsa-mir-148b | | | |
| AAATCTGTC | ENSG00000207656 hsa-mir-489 | | | |
| AAATCTTTA | ENSG00000202569 hsa-mir-146b | ENSG00000207617 hsa-mir-24-1 | | |
| AAATGACAA | ENSG00000199077 hsa-mir-129-2 | | | |
| AAATGACTC | ENSG00000208037 hsa-mir-320 | ENSG00000199153 hsa-mir-30d | ENSG00000207582 hsa-mir-30b | |
| AAATGAGGT | ENSG00000207550 hsa-mir-99b | ENSG00000198972 hsa-let-7e | | |
| AAATGAGTT | ENSG00000207935 hsa-mir-204 | | | |
| AAATGCAAC | ENSG00000207548 hsa-mir-217 | | | |
| AAATGCAAT | ENSG00000202641 hsa-mir-484 | | | |
| AAATGCACA | ENSG00000207635 hsa-mir-499 | | | |
| AAATGCCGC | ENSG00000198986 hsa-let-7a-3 | ENSG00000207875 hsa-let-7b | | |
| AAATGGAAC | ENSG00000199177 hsa-mir-31 | | | |
| AAATGGCAG | ENSG00000208035 hsa-mir-143 | | | |
| AAATGGCGG | ENSG00000207731 hsa-mir-506 | | | |
| AAATGGCTC | ENSG00000199032 hsa-mir-425 | | | |
| AAATGGCTG | ENSG00000207571 hsa-mir-615 | ENSG00000211590 hsa-mir-802 | | |
| AAATGGCTT | ENSG00000207585 hsa-mir-181d | ENSG00000207819 hsa-mir-9-3 | | |
| AAATGGGGT | ENSG00000207811 hsa-mir-34b | ENSG00000207562 hsa-mir-34c | ENSG00000207777 hsa-mir-10a | |
| AAATGGTGC | ENSG00000207692 hsa-mir-592 | | | |
| AAATGGTGG | ENSG00000207567 hsa-mir-142 | | | |
| AAATGTCAG | ENSG00000207702 hsa-mir-211 | | | |
| AAATGTCTT | ENSG00000207717 hsa-mir-551b | | | |
| AAATGTGCA | ENSG00000199066 hsa-mir-330 | | | |
| AAATTAAC | ENSG00000199059 hsa-mir-135b | | | |
| AAATTAAT | ENSG00000198995 hsa-mir-340 | | | |
| AAATTACGA | ENSG00000207550 hsa-mir-99b | ENSG00000198972 hsa-let-7e | | |
| AAATAGGC | ENSG00000207638 hsa-mir-99a | ENSG00000207863 hsa-mir-125b-2 | | |
| AAATATATCA | ENSG00000207548 hsa-mir-217 | | | |
| AAATATATC | ENSG00000207728 hsa-mir-449b | | | |
| AAATCAAAA | ENSG00000207811 hsa-mir-34b | ENSG00000207562 hsa-mir-34c | | |
| AAATCCCCC | ENSG00000207953 hsa-mir-212 | | | |
| AAATTCGTT | ENSG00000198987 hsa-mir-16-2 | | | |
| AAATTGAAC | ENSG00000207692 hsa-mir-592 | | | |
| AAATTGCTG | ENSG00000199082 hsa-mir-342 | | | |
| AAATTGCTT | ENSG00000199085 hsa-mir-148a | ENSG00000208037 hsa-mir-320 | | |
| AAATTTGGT | ENSG00000199024 hsa-mir-103-2 | | | |
| AAATTTGTC | ENSG00000207571 hsa-mir-615 | ENSG00000207597 hsa-mir-490 | | |
| AACAAACCC | ENSG00000199082 hsa-mir-342 | | | |
| AACAAACCG | ENSG00000207691 hsa-mir-183 | ENSG00000207990 hsa-mir-182 | ENSG00000199158 hsa-mir-96 | |
| AACAAACTG | ENSG00000199177 hsa-mir-31 | | | |
| AACAAATCA | ENSG00000199036 hsa-mir-219-1 | | | |
| AACAACAAT | ENSG00000199077 hsa-mir-129-2 | | | |
| | ATTGTTGTT Xie: ATTGTT SOX-5 | | | |
| AACAACACC | ENSG00000198973 hsa-mir-375 | | | |
| AACAACAGT | ENSG00000198974 hsa-mir-30e | ENSG00000207962 hsa-mir-30c-1 | | |

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| AACAACCAG | ENSG00000198995 hsa-mir-340 | ENSG00000207571 hsa-mir-615 | ENSG00000207744 hsa-mir-10b | | | | | | |
| AACAACCCG | ENSG00000207789 hsa-mir-26a-2 | | | | | | | | |
| AACAAGTGC | ENSG00000199135 hsa-mir-101-1 | | | | | | | | |
| AACAAGAAAG | ENSG00000199082 hsa-mir-342 | | | | | | | | |
| AACAAGACC | ENSG00000207586 hsa-mir-135a-2 | | | | | | | | |
| AACAAGAGC | ENSG00000207732 hsa-mir-218-1 | ENSG00000211590 hsa-mir-802 | | | | | | | |
| AACAAGCAC | ENSG00000207604 hsa-mir-206 | ENSG00000199080 hsa-mir-133b | | | | | | | |
| AACAAGTGA | ENSG00000199130 hsa-mir-365-1 | | | | | | | | |
| AACAAGTTC | ENSG00000199043 hsa-mir-335 | | | | | | | | |
| AACAATAAC | ENSG00000199177 hsa-mir-31 | | | | | | | | |
| | GTTATTGTT Xie:ATTGTT SOX-5 | | | | | | | | |
| AACAATAGC | ENSG00000199153 hsa-mir-30d | ENSG00000207582 hsa-mir-30b | ENSG00000207933 hsa-mir-9-1 | | | | | | |
| | GCTATTGTT Xie:ATTGTT SOX-5 | | | | | | | | |
| AACAATAGT | ENSG00000207617 hsa-mir-24-1 | | | | | | | | |
| | ACTATTGTT Xie:ATTGTT SOX-5 | | | | | | | | |
| AACAATCAG | ENSG00000207827 hsa-mir-30a | ENSG00000199094 hsa-mir-30c-2 | | | | | | | |
| | CTGATTGTT Xie:ATTGTT SOX-5 | | | | | | | | |
| AACAATCGC | ENSG00000199122 hsa-mir-148b | | | | | | | | |
| | CGCATTGTT Xie:ATTGTT SOX-5 | | | | | | | | |
| AACAATGAG | ENSG00000199058 hsa-mir-302b | ENSG00000199169 hsa-mir-367 | ENSG00000199145 hsa-mir-302d | ENSG00000199102 hsa-mir-302c | ENSG00000207623 hsa-mir-205 | ENSG00000207994 hsa-mir-100 | ENSG00000207971 hsa-mir-125b-1 | | |
| | ENSG00000198975 hsa-let-7a-2 | | | | | | | | |
| | CTCATTGTT Xie:ATTGTT SOX-5 | | | | | | | | |
| AACAATGGA | ENSG00000207649 hsa-mir-138-2 | | | | | | | | |
| | TCCATTGTT Xie:ATTGTT SOX-5 | | | | | | | | |
| AACAATGGT | ENSG00000207604 hsa-mir-206 | ENSG00000199080 hsa-mir-133b | | | | | | | |
| | ACCATTGTT Xie:ATTGTT SOX-5 | | | | | | | | |
| AACACCCCT | ENSG00000207791 hsa-mir-497 | ENSG00000207929 hsa-mir-195 | ENSG00000208035 hsa-mir-143 | | | | | | |
| AACACCCCTC | ENSG00000207571 hsa-mir-615 | | | | | | | | |
| AACACCTCC | ENSG00000199130 hsa-mir-365-1 | | | | | | | | |
| AACACCTGG | ENSG00000199032 hsa-mir-425 | ENSG00000207819 hsa-mir-9-3 | ENSG00000207692 hsa-mir-592 | | | | | | |
| | CCAGGTGTT Xie:CAGGTGW AREB6 | | | | | | | | |
| AACACGCCT | ENSG00000207728 hsa-mir-449b | | | | | | | | |
| AACACTGGC | ENSG00000207618 hsa-mir-144 | ENSG00000207794 hsa-mir-451 | ENSG00000198987 hsa-mir-16-2 | ENSG00000199122 hsa-mir-148b | ENSG00000207602 hsa-mir-106a | ENSG00000207572 hsa-mir-363 | ENSG00000207710 hsa-mir-20b | | |
| | ENSG00000207624 hsa-mir-194-1 | ENSG00000207590 hsa-mir-215 | | | | | | | |
| AACAGATGG | ENSG00000207611 hsa-mir-149 | ENSG00000202609 hsa-mir-488 | | | | | | | |
| | AACAGATGG Xie:AACAGATGKT TAL-1ALPHA/E47 | | | | | | | | |
| AACAGCAGA | ENSG00000199043 hsa-mir-335 | | | | | | | | |
| AACAGCGCG | ENSG00000199065 hsa-mir-101-2 | | | | | | | | |
| AACAGCGGC | ENSG00000202641 hsa-mir-484 | | | | | | | | |
| AACAGCTGT | ENSG00000199085 hsa-mir-148a | ENSG00000199121 hsa-mir-26b | ENSG00000207611 hsa-mir-149 | | | | | | |
| AACAGCTTA | ENSG00000208035 hsa-mir-143 | | | | | | | | |
| AACAGGAAT | ENSG00000202569 hsa-mir-146b | ENSG00000207705 hsa-mir-129-1 | | | | | | | |
| AACAGGGAC | ENSG00000199036 hsa-mir-219-1 | ENSG00000199090 hsa-mir-326 | | | | | | | |
| AACAGGTCT | ENSG00000199085 hsa-mir-148a | | | | | | | | |
| AACAGGTGA | ENSG00000207568 hsa-mir-203 | | | | | | | | |
| | AACAGGTGA Xie:CAGGTGW AREB6 | | | | | | | | |
| | AACAGGTGA Xie:RnCAGGTG MYOD | | | | | | | | |
| AACAGGTGC | ENSG00000207865 hsa-mir-34a | | | | | | | | |
| | AACAGGTGC Xie:RnCAGGTG MYOD | | | | | | | | |
| AACAGGTGG | ENSG00000199036 hsa-mir-219-1 | | | | | | | | |
| | AACAGGTGG Xie:RnCAGGTG MYOD | | | | | | | | |
| AACAGTATC | ENSG00000207692 hsa-mir-592 | | | | | | | | |
| AACAGTCCT | ENSG00000199047 hsa-mir-378 | | | | | | | | |
| AACAGTTCC | ENSG00000207752 hsa-mir-199a-1 | | | | | | | | |
| AACAGTTGC | ENSG00000210741 hsa-mir-196a-1 | | | | | | | | |
| AACATAAAA | ENSG00000199077 hsa-mir-129-2 | | | | | | | | |
| AACATATGC | ENSG00000199153 hsa-mir-30d | ENSG00000207582 hsa-mir-30b | ENSG00000207604 hsa-mir-206 | ENSG00000199080 hsa-mir-133b | | | | | |
| AACATCCAG | ENSG00000199165 hsa-let-7a-1 | ENSG00000199072 hsa-let-7f-1 | ENSG00000199133 hsa-let-7d | | | | | | |
| AACATCTGG | ENSG00000207581 hsa-mir-199b | ENSG00000208024 hsa-mir-199a-2 | ENSG00000207949 hsa-mir-214 | | | | | | |
| | CCAGATGTT Xie:TCCAGATGTT RP58 | | | | | | | | |
| AACATGCAA | ENSG00000207630 hsa-mir-7-3 | | | | | | | | |
| AACATGCCT | ENSG00000207791 hsa-mir-497 | ENSG00000207929 hsa-mir-195 | ENSG00000207638 hsa-mir-99a | ENSG00000207863 hsa-mir-125b-2 | | | | | |
| AACATGCTG | ENSG00000207947 hsa-mir-152 | | | | | | | | |
| AACATGGAC | ENSG00000207954 hsa-mir-138-1 | | | | | | | | |
| AACATGGCC | ENSG00000207567 hsa-mir-142 | | | | | | | | |
| | GGCCATGTT Xie:GCCATnTT YY1 | | | | | | | | |
| AACATGGCT | ENSG00000207995 hsa-mir-325 | | | | | | | | |
| | AGCCATGTT Xie:GCCATnTT YY1 | | | | | | | | |
| AACATTAGC | ENSG00000207777 hsa-mir-10a | | | | | | | | |
| AACATTGAC | ENSG00000199058 hsa-mir-302b | ENSG00000199169 hsa-mir-367 | ENSG00000199145 hsa-mir-302d | ENSG00000199102 hsa-mir-302c | | | | | |
| AACCAACTT | ENSG00000207624 hsa-mir-194-1 | ENSG00000207590 hsa-mir-215 | | | | | | | |
| AACCAAGTC | ENSG00000207635 hsa-mir-499 | | | | | | | | |
| AACCAATCC | ENSG00000207745 hsa-mir-17 | ENSG00000207610 hsa-mir-19a | ENSG00000199149 hsa-mir-20a | | | | | | |
| AACCAATGG | ENSG00000207649 hsa-mir-138-2 | ENSG00000207571 hsa-mir-615 | ENSG00000207623 hsa-mir-205 | | | | | | |
| | CCATTGTT Xie:YSATTGGYY NF-Y | | | | | | | | |
| AACCACACC | ENSG00000207728 hsa-mir-449b | ENSG00000207777 hsa-mir-10a | | | | | | | |
| | AACCACACC Xie:ACCACA AML1 | | | | | | | | |
| AACCACAGG | ENSG00000199177 hsa-mir-31 | | | | | | | | |
| | AACCACAGG Xie:ACCACA AML1 | | | | | | | | |
| AACCACCTG | ENSG00000199032 hsa-mir-425 | | | | | | | | |
| AACCAGACA | ENSG00000207550 hsa-mir-99b | ENSG00000198972 hsa-let-7e | ENSG00000208037 hsa-mir-320 | ENSG00000207954 hsa-mir-138-1 | | | | | |
| AACCAGATG | ENSG00000207728 hsa-mir-449b | | | | | | | | |
| AACCAGCCG | ENSG00000199036 hsa-mir-219-1 | | | | | | | | |
| AACCAGCGG | ENSG00000207698 hsa-mir-32 | | | | | | | | |
| AACCAGCTG | ENSG00000199130 hsa-mir-365-1 | ENSG00000207721 hsa-mir-186 | | | | | | | |
| AACCAGGAC | ENSG00000207649 hsa-mir-138-2 | ENSG00000207694 hsa-mir-1-2 | | | | | | | |
| AACCAGGTG | ENSG00000207602 hsa-mir-106a | ENSG00000207572 hsa-mir-363 | ENSG00000207710 hsa-mir-20b | | | | | | |
| | AACCAGGTG Xie:RnCAGGTG MYOD | | | | | | | | |
| AACCAGTAG | ENSG00000207611 hsa-mir-149 | | | | | | | | |
| AACCAGTCT | ENSG00000199053 hsa-mir-324 | | | | | | | | |
| AACCATAGA | ENSG00000199122 hsa-mir-148b | ENSG00000207994 hsa-mir-100 | ENSG00000207971 hsa-mir-125b-1 | ENSG00000198975 hsa-let-7a-2 | | | | | |

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|------------|--------------------------------|--------------------------------|------------------------------|------------------------------|
| AACCATCCA | ENSG00000207745 hsa-mir-17 | ENSG00000207610 hsa-mir-19a | ENSG00000199149 hsa-mir-20a | |
| AACCATGGC | ENSG00000207739 hsa-mir-218-2 | | | |
| AACCATGGG | ENSG00000207947 hsa-mir-152 | | | |
| AACCATTAC | ENSG00000199058 hsa-mir-302b | ENSG00000199169 hsa-mir-367 | ENSG00000199145 hsa-mir-302d | ENSG00000199102 hsa-mir-302c |
| AACCCAAAC | ENSG00000199077 hsa-mir-129-2 | ENSG00000207702 hsa-mir-211 | | |
| AACCCAAAT | ENSG00000207630 hsa-mir-7-3 | | | |
| AACCCACAC | ENSG00000207623 hsa-mir-205 | | | |
| AACCCAGTT | ENSG00000210741 hsa-mir-196a-1 | | | |
| AACCCATTC | ENSG00000199085 hsa-mir-148a | | | |
| AACCCGAGC | ENSG00000207955 hsa-mir-219-2 | | | |
| AACCCGCGG | ENSG00000207789 hsa-mir-26a-2 | | | |
| AACCCGCTT | ENSG00000207728 hsa-mir-449b | | | |
| AACCCGGCT | ENSG00000207732 hsa-mir-218-1 | | | |
| AACCCCTAC | ENSG00000199085 hsa-mir-148a | ENSG00000198981 hsa-mir-29a | | |
| AACCCCTCT | ENSG00000207744 hsa-mir-10b | | | |
| AACCCTGAC | ENSG00000199059 hsa-mir-135b | ENSG00000207744 hsa-mir-10b | | |
| AACCCGAATC | ENSG00000207691 hsa-mir-183 | ENSG00000207990 hsa-mir-182 | ENSG00000199158 hsa-mir-96 | |
| AACCCGCCA | ENSG00000207691 hsa-mir-183 | ENSG00000207990 hsa-mir-182 | ENSG00000199158 hsa-mir-96 | |
| AACCGCTCG | ENSG00000207792 hsa-mir-151 | | | |
| AACCGGAGG | ENSG00000207649 hsa-mir-138-2 | | | |
| AACCGGCCG | ENSG00000211517 hsa-mir-671 | | | |
| AACCGGCTG | ENSG00000207585 hsa-mir-181d | | | |
| AACCGGCTT | ENSG00000210741 hsa-mir-196a-1 | | | |
| AACCGGGAA | ENSG00000207954 hsa-mir-138-1 | | | |
| AACCGTCAC | ENSG00000199032 hsa-mir-425 | | | |
| AACCTAACA | ENSG00000207694 hsa-mir-1-2 | | | |
| AACCTAATT | ENSG00000207638 hsa-mir-99a | ENSG00000207863 hsa-mir-125b-2 | | |
| AACCTCCCC | ENSG00000208024 hsa-mir-199a-2 | ENSG00000207949 hsa-mir-214 | | |
| AACCTCCCG | ENSG00000207571 hsa-mir-615 | | | |
| AACCTGACA | ENSG00000198984 hsa-mir-345 | | | |
| | TGTCAGGTT Xie:GKCRGKT TCF-1(P) | | | |
| AACCTGCGC | ENSG00000207955 hsa-mir-219-2 | | | |
| AACCTGCTC | ENSG00000199130 hsa-mir-365-1 | | | |
| AACCTGTTC | ENSG00000207617 hsa-mir-24-1 | | | |
| AACCTTGAC | ENSG00000208035 hsa-mir-143 | | | |
| AACCTTGGA | ENSG00000207995 hsa-mir-325 | | | |
| AACCTTGTC | ENSG00000207819 hsa-mir-9-3 | | | |
| AACCTTTAA | ENSG00000199172 hsa-mir-331 | | | |
| AACGAGTTA | ENSG00000199085 hsa-mir-148a | | | |
| AACGATTGG | ENSG00000207717 hsa-mir-551b | | | |
| AACGCAGCC | ENSG00000199038 hsa-mir-210 | | | |
| AACGCCGAG | ENSG00000207819 hsa-mir-9-3 | | | |
| AACGCCGCC | ENSG00000199122 hsa-mir-148b | | | |
| AACGCCTCC | ENSG00000207698 hsa-mir-32 | | | |
| AACGCGCAG | ENSG00000198995 hsa-mir-340 | | | |
| AACGCGCCG | ENSG00000199038 hsa-mir-210 | ENSG00000208037 hsa-mir-320 | | |
| AACGCGCCG | ENSG00000198995 hsa-mir-340 | | | |
| AACGCGCGG | ENSG00000199121 hsa-mir-26b | ENSG00000211517 hsa-mir-671 | | |
| AACGCGGGA | ENSG00000199065 hsa-mir-101-2 | | | |
| AACGCGGGC | ENSG00000207955 hsa-mir-219-2 | ENSG00000207698 hsa-mir-32 | | |
| AACGCTCCG | ENSG00000207751 hsa-mir-130b | | | |
| AACGGAAT | ENSG00000198987 hsa-mir-16-2 | | | |
| AACGGAAGT | ENSG00000211563 hsa-mir-338 | | | |
| | AACGGAAGT Xie:MGGAWGT PEA3 | | | |
| AACGGCAGA | ENSG00000199161 hsa-mir-126 | | | |
| AACGGCGCG | ENSG00000208037 hsa-mir-320 | | | |
| AACGGCTTG | ENSG00000199122 hsa-mir-148b | | | |
| AACGGGACC | ENSG00000199077 hsa-mir-129-2 | | | |
| AACGGGACT | ENSG00000207571 hsa-mir-615 | | | |
| AACGGTCCG | ENSG00000199032 hsa-mir-425 | | | |
| AACGTCACT | ENSG00000208037 hsa-mir-320 | | | |
| AACGTCTGT | ENSG00000207926 hsa-mir-135a-1 | | | |
| AACGTGGCA | ENSG00000198984 hsa-mir-345 | ENSG00000207728 hsa-mir-449b | | |
| AACGTGGCT | ENSG00000207791 hsa-mir-497 | ENSG00000207929 hsa-mir-195 | | |
| AACGTTGGA | ENSG00000199065 hsa-mir-101-2 | | | |
| AACGTTGTC | ENSG00000199071 hsa-mir-423 | | | |
| AACTAACTC | ENSG00000207745 hsa-mir-17 | ENSG00000207610 hsa-mir-19a | ENSG00000199149 hsa-mir-20a | |
| AACTACAAC | ENSG00000207698 hsa-mir-32 | | | |
| AACTACAAG | ENSG00000207790 hsa-mir-29b-2 | ENSG00000207966 hsa-mir-29c | | |
| AACTACATC | ENSG00000199177 hsa-mir-31 | | | |
| AACTACCCA | ENSG00000199177 hsa-mir-31 | ENSG00000207731 hsa-mir-506 | | |
| AACTACCGA | ENSG00000199085 hsa-mir-148a | | | |
| AACTACCTG | ENSG00000202609 hsa-mir-488 | | | |
| AACTACTCC | ENSG00000198995 hsa-mir-340 | | | |
| AACTACTTC | ENSG00000207731 hsa-mir-506 | | | |
| AACTAGGCA | ENSG00000207950 hsa-mir-296 | | | |
| AACTAGTGG | ENSG00000202609 hsa-mir-488 | ENSG00000211590 hsa-mir-802 | | |
| AACTCAAGG | ENSG00000198974 hsa-mir-30e | ENSG00000207962 hsa-mir-30c-1 | | |
| AACTCAAGT | ENSG00000207950 hsa-mir-296 | | | |
| AACTCACCT | ENSG00000207656 hsa-mir-489 | | | |
| AACTCACTC | ENSG00000199085 hsa-mir-148a | | | |
| AACTCAGCT | ENSG00000207791 hsa-mir-497 | ENSG00000207929 hsa-mir-195 | | |
| AACTCATTG | ENSG00000207744 hsa-mir-10b | | | |
| AACTCCACC | ENSG00000207695 hsa-mir-184 | | | |
| AACTCCATG | ENSG00000207926 hsa-mir-135a-1 | | | |
| AACTCCCAC | ENSG00000207698 hsa-mir-32 | | | |
| AACTCCGCG | ENSG00000199071 hsa-mir-423 | | | |
| AACTCCGCC | ENSG00000207649 hsa-mir-138-2 | ENSG00000207739 hsa-mir-218-2 | | |
| AACTCCTAC | ENSG00000207797 hsa-mir-187 | | | |
| AACTCGACC | ENSG00000207611 hsa-mir-149 | | | |
| AACTCTCAC | ENSG00000198974 hsa-mir-30e | ENSG00000207962 hsa-mir-30c-1 | | |

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|------------|--------------------------------|--------------------------------|--------------------------------|-------------------------------|
| AACTCTCGC | ENSG00000199071 hsa-mir-423 | | | |
| AACTCTCGG | ENSG00000207777 hsa-mir-10a | | | |
| AACTCTTAA | ENSG00000207698 hsa-mir-32 | | | |
| AACTGACCT | ENSG00000199157 hsa-mir-208 | | | |
| AACTGACCT | Xie:MnTGWCCT | T3R | | |
| AACTGACCT | Xie:TGACCT | ER | | |
| AACTGACGC | ENSG00000199043 hsa-mir-335 | | | |
| AACTGAGTC | ENSG00000207752 hsa-mir-199a-1 | | | |
| AACTGCACA | ENSG00000199090 hsa-mir-326 | | | |
| AACTGCCCT | ENSG00000199104 hsa-mir-346 | | | |
| AACTGGATC | ENSG00000207618 hsa-mir-144 | ENSG00000207794 hsa-mir-451 | | |
| AACTGGCTC | ENSG00000207792 hsa-mir-151 | | | |
| AACTGGTAC | ENSG00000207790 hsa-mir-29b-2 | ENSG00000207966 hsa-mir-29c | | |
| AACTGGTTC | ENSG00000199071 hsa-mir-423 | | | |
| AACTGTCAG | ENSG00000207950 hsa-mir-296 | | | |
| CTGACAGTT | Xie:TGACAG | MEIS1 | | |
| AACTGTTTA | ENSG00000207752 hsa-mir-199a-1 | | | |
| AACTTAATC | ENSG00000207571 hsa-mir-615 | ENSG00000207827 hsa-mir-30a | ENSG00000199094 hsa-mir-30c-2 | |
| AACTTATCT | ENSG00000207548 hsa-mir-217 | ENSG00000208024 hsa-mir-199a-2 | ENSG00000207949 hsa-mir-214 | |
| AACTTATGA | ENSG00000208005 hsa-mir-503 | ENSG00000207784 hsa-mir-542 | | |
| AACTTCAAC | ENSG00000207795 hsa-mir-155 | | | |
| AACTTCACC | ENSG00000208005 hsa-mir-503 | ENSG00000207784 hsa-mir-542 | | |
| AACTTCAGC | ENSG00000199038 hsa-mir-210 | | | |
| AACTTCCGA | ENSG00000207789 hsa-mir-26a-2 | | | |
| TCGGAAGTT | Xie:MGGAWGT | PEA3 | | |
| AACTTCGCC | ENSG00000207614 hsa-mir-193a | ENSG00000199187 hsa-mir-365-2 | | |
| AACTTCTGC | ENSG00000207819 hsa-mir-9-3 | | | |
| AACTTGAGC | ENSG00000199032 hsa-mir-425 | ENSG00000199122 hsa-mir-148b | | |
| AACTTGCAA | ENSG00000207705 hsa-mir-129-1 | | | |
| AACTTGCAAT | ENSG00000207980 hsa-mir-23a | ENSG00000209707 hsa-mir-24-2 | ENSG00000207808 hsa-mir-27a | |
| AACTTGTTA | ENSG00000207694 hsa-mir-1-2 | ENSG00000207698 hsa-mir-32 | | |
| AACTTGTTG | ENSG00000199043 hsa-mir-335 | | | |
| AACTTTCCA | ENSG00000199085 hsa-mir-148a | | | |
| TGGAAGTT | Xie:WGGAAAnW | NF-AT | | |
| AACTTTGCT | ENSG00000207726 hsa-mir-455 | ENSG00000207739 hsa-mir-218-2 | | |
| AACTTTGGC | ENSG00000202569 hsa-mir-146b | | | |
| AACTTTGGT | ENSG00000199077 hsa-mir-129-2 | ENSG00000207692 hsa-mir-592 | | |
| AACTTTGGT | ENSG00000202609 hsa-mir-488 | | | |
| AACTTTTGC | ENSG00000199085 hsa-mir-148a | | | |
| AAGAAACGC | ENSG00000207739 hsa-mir-218-2 | | | |
| AAGAAACTT | ENSG00000199085 hsa-mir-148a | | | |
| AAGAACTGC | ENSG00000199017 hsa-mir-1-1 | ENSG00000207764 hsa-mir-133a-2 | | |
| AAGAAGTGT | ENSG00000207596 hsa-mir-194-2 | ENSG00000207648 hsa-mir-192 | | |
| AAGACAATA | ENSG00000207651 hsa-mir-28 | | | |
| AAGACCAGC | ENSG00000207947 hsa-mir-152 | | | |
| AAGACGCAG | ENSG00000199157 hsa-mir-208 | | | |
| AAGACGCGT | ENSG00000207739 hsa-mir-218-2 | ENSG00000211517 hsa-mir-671 | | |
| AAGACGGAA | ENSG00000207695 hsa-mir-184 | | | |
| AAGACGTGC | ENSG00000199090 hsa-mir-326 | | | |
| GCACGTCTT | Xie:CCGCACGTMnnC | HIF-1 | | |
| AAGACTACA | ENSG00000208009 hsa-mir-130a | | | |
| AAGAGCCTT | ENSG00000198987 hsa-mir-16-2 | | | |
| AAGAGCGCA | ENSG00000207571 hsa-mir-615 | | | |
| AAGAGCGGA | ENSG00000207713 hsa-mir-200c | ENSG00000207708 hsa-mir-141 | | |
| AAGAGGATC | ENSG00000207790 hsa-mir-29b-2 | ENSG00000207966 hsa-mir-29c | ENSG00000207939 hsa-mir-223 | ENSG00000207954 hsa-mir-138-1 |
| AAGAGCGCA | ENSG00000199090 hsa-mir-326 | | | |
| AAGAGGCGG | ENSG00000207721 hsa-mir-186 | | | |
| AAGAGGCTG | ENSG00000208017 hsa-mir-140 | | | |
| AAGAGGGAT | ENSG00000207596 hsa-mir-194-2 | ENSG00000207648 hsa-mir-192 | | |
| AAGAGGTCC | ENSG00000207960 hsa-mir-153-2 | ENSG00000207782 hsa-mir-150 | | |
| AAGAGGTGC | ENSG00000207571 hsa-mir-615 | | | |
| AAGAGTGAC | ENSG00000199047 hsa-mir-378 | | | |
| AAGAGTTAA | ENSG00000199085 hsa-mir-148a | | | |
| AAGAGTTGC | ENSG00000207995 hsa-mir-325 | | | |
| AAGATAAAT | ENSG00000199161 hsa-mir-126 | | | |
| AAGATAAGG | ENSG00000199053 hsa-mir-324 | | | |
| AAGATGACC | ENSG00000207691 hsa-mir-183 | ENSG00000207990 hsa-mir-182 | ENSG00000199158 hsa-mir-96 | |
| AAGATGGAT | ENSG00000207994 hsa-mir-100 | ENSG00000207971 hsa-mir-125b-1 | ENSG00000198975 hsa-let-7a-2 | |
| AAGATGGCC | ENSG00000198987 hsa-mir-16-2 | | | |
| CGCCATCTT | Xie:GCCATnTT | YY1 | | |
| AAGATGGTG | ENSG00000199043 hsa-mir-335 | | | |
| AAGATGTCT | ENSG00000207705 hsa-mir-129-1 | ENSG00000207718 hsa-mir-15a | ENSG00000208006 hsa-mir-16-1 | |
| AAGCAACAA | ENSG00000207725 hsa-mir-222 | ENSG00000207870 hsa-mir-221 | | |
| AAGCAGGAT | ENSG00000207926 hsa-mir-135a-1 | ENSG00000199071 hsa-mir-423 | | |
| AAGCATGCC | ENSG00000199157 hsa-mir-208 | ENSG00000198974 hsa-mir-30e | ENSG00000207962 hsa-mir-30c-1 | |
| AAGCATGGC | ENSG00000207618 hsa-mir-144 | ENSG00000207794 hsa-mir-451 | ENSG00000207633 hsa-mir-505 | ENSG00000207694 hsa-mir-1-2 |
| AAGCCAATC | ENSG00000199032 hsa-mir-425 | | | |
| AAGCCAATG | ENSG00000199065 hsa-mir-101-2 | ENSG00000207994 hsa-mir-100 | ENSG00000207971 hsa-mir-125b-1 | ENSG00000198975 hsa-let-7a-2 |
| AAGCCACGC | ENSG00000198986 hsa-let-7a-3 | ENSG00000207875 hsa-let-7b | ENSG00000199043 hsa-mir-335 | |
| AAGCCACTC | ENSG00000207548 hsa-mir-217 | | | |
| AAGCCCCGC | ENSG00000208005 hsa-mir-503 | ENSG00000207784 hsa-mir-542 | | |
| AAGCCCGGA | ENSG00000199024 hsa-mir-103-2 | | | |
| AAGCCGATT | ENSG00000199122 hsa-mir-148b | | | |
| AAGCCGCGC | ENSG00000207960 hsa-mir-153-2 | ENSG00000199071 hsa-mir-423 | | |
| AAGCCGGCG | ENSG00000207649 hsa-mir-138-2 | ENSG00000207728 hsa-mir-449b | ENSG00000207571 hsa-mir-615 | |
| AAGCGATTC | ENSG00000199089 hsa-mir-202 | | | |
| AAGCGATTG | ENSG00000199122 hsa-mir-148b | | | |
| AAGCGCACT | ENSG00000199177 hsa-mir-31 | | | |
| AAGCGCTCC | ENSG00000207585 hsa-mir-181d | ENSG00000207819 hsa-mir-9-3 | | |
| AAGCGGAAG | ENSG00000207721 hsa-mir-186 | | | |
| AAGCGTGCC | ENSG00000207954 hsa-mir-138-1 | | | |

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| AAGCGTGGG | ENSG00000207630 hsa-mir-7-3 | | | | |
| AAGCTAAC | ENSG00000207586 hsa-mir-135a-2 | | | | |
| AAGCTAGTA | ENSG00000199122 hsa-mir-148b | ENSG00000207797 hsa-mir-187 | | | |
| AAGCTCCAC | ENSG00000199059 hsa-mir-135b | ENSG00000207935 hsa-mir-204 | | | |
| AAGCTGGCA | ENSG00000207623 hsa-mir-205 | | | | |
| AAGCTTAGC | ENSG00000199172 hsa-mir-331 | | | | |
| AAGCTTGCA | ENSG00000207795 hsa-mir-155 | | | | |
| AAGCTTTGC | ENSG00000207728 hsa-mir-449b | ENSG00000207695 hsa-mir-184 | | | |
| AAGGAACCT | ENSG00000199165 hsa-let-7a-1 | ENSG00000199072 hsa-let-7f-1 | ENSG00000199133 hsa-let-7d | | |
| AAGGAACCT | ENSG00000198986 hsa-let-7a-3 | ENSG00000207875 hsa-let-7b | | | |
| AAGGAACCT | ENSG00000202569 hsa-mir-146b | | | | |
| AAGGAATAA | ENSG00000207617 hsa-mir-24-1 | | | | |
| AAGGCACAT | ENSG00000208035 hsa-mir-143 | | | | |
| AAGGACCCG | ENSG00000207777 hsa-mir-10a | | | | |
| AAGGACTAC | ENSG00000207732 hsa-mir-218-1 | | | | |
| AAGGAGATT | ENSG00000207705 hsa-mir-129-1 | | | | |
| AAGGAGCTC | ENSG00000207795 hsa-mir-155 | | | | |
| AAGGATCAA | ENSG00000199157 hsa-mir-208 | | | | |
| AAGGATTGC | ENSG00000207797 hsa-mir-187 | | | | |
| AAGGATTGT | ENSG00000207827 hsa-mir-30a | ENSG00000199094 hsa-mir-30c-2 | | | |
| AAGGATTTT | ENSG00000199135 hsa-mir-101-1 | | | | |
| AAGGATTTG | ENSG00000207726 hsa-mir-455 | | | | |
| AAGGCAAAT | ENSG00000207585 hsa-mir-181d | ENSG00000207635 hsa-mir-499 | | | |
| AAGGCCAAC | ENSG00000199024 hsa-mir-103-2 | ENSG00000199122 hsa-mir-148b | | | |
| AAGGCCATG | ENSG00000207809 hsa-mir-139 | | | | |
| AAGGCCCGT | ENSG00000207789 hsa-mir-26a-2 | | | | |
| AAGGCGATT | ENSG00000207726 hsa-mir-455 | | | | |
| AAGGCGCCA | ENSG00000199161 hsa-mir-126 | ENSG00000207698 hsa-mir-32 | | | |
| AAGGCGGCA | ENSG00000207702 hsa-mir-211 | ENSG00000208009 hsa-mir-130a | | | |
| AAGGCGTCC | ENSG00000207568 hsa-mir-203 | | | | |
| AAGGCTCCC | ENSG00000199135 hsa-mir-101-1 | ENSG00000207571 hsa-mir-615 | | | |
| AAGGGAATT | ENSG00000207635 hsa-mir-499 | | | | |
| AAGGGGAGC | ENSG00000207623 hsa-mir-205 | | | | |
| AAGGGGATT | ENSG00000207571 hsa-mir-615 | | | | |
| AAGGGGCGA | ENSG00000208037 hsa-mir-320 | | | | |
| AAGGGGTTA | ENSG00000207713 hsa-mir-200c | ENSG00000207708 hsa-mir-141 | | | |
| AAGGGTAC | ENSG00000207618 hsa-mir-144 | ENSG00000207794 hsa-mir-451 | | | |
| AAGGTAGGG | ENSG00000207948 hsa-mir-328 | | | | |
| AAGGTAGTA | ENSG00000207745 hsa-mir-17 | ENSG00000207610 hsa-mir-19a | ENSG00000199149 hsa-mir-20a | | |
| AAGGTCAGC | ENSG00000199059 hsa-mir-135b | ENSG00000207691 hsa-mir-183 | ENSG00000207990 hsa-mir-182 | ENSG00000199158 hsa-mir-96 | |
| GCTGACCTT | Xie: TGACCT ER | | | | |
| AAGGTCCCTG | ENSG00000207698 hsa-mir-32 | | | | |
| AAGGTCTAA | ENSG00000207656 hsa-mir-489 | | | | |
| AAGGTGAGC | ENSG00000207656 hsa-mir-489 | | | | |
| AAGGTGCAG | ENSG00000207692 hsa-mir-592 | | | | |
| AAGGTGGAC | ENSG00000207955 hsa-mir-219-2 | | | | |
| AAGGTGTGT | ENSG00000199059 hsa-mir-135b | | | | |
| AAGGTGTTA | ENSG00000207744 hsa-mir-10b | | | | |
| AAGGTGTTG | ENSG00000207649 hsa-mir-138-2 | | | | |
| AAGGTATA | ENSG00000199130 hsa-mir-365-1 | | | | |
| AAGGTTCAA | ENSG00000207692 hsa-mir-592 | | | | |
| AAGGTTCAG | ENSG00000211563 hsa-mir-338 | | | | |
| AAGGTTCAT | ENSG00000211590 hsa-mir-802 | | | | |
| AAGGTTCCT | ENSG00000198984 hsa-mir-345 | ENSG00000207618 hsa-mir-144 | ENSG00000207794 hsa-mir-451 | | |
| AAGGTTCCT | ENSG00000207777 hsa-mir-10a | | | | |
| AAGTAAATA | ENSG00000208037 hsa-mir-320 | | | | |
| AAGTAAATA | Xie: WAdTAAWTA NKX6-2 | | | | |
| TATTTACTT | Xie: TRTTTRYTYW HNF-3 | | | | |
| AAGTAACCT | ENSG00000207827 hsa-mir-30a | ENSG00000199094 hsa-mir-30c-2 | | | |
| AAGTAAGGG | ENSG00000207995 hsa-mir-325 | | | | |
| AAGTAATCC | ENSG00000207827 hsa-mir-30a | ENSG00000199094 hsa-mir-30c-2 | | | |
| AAGTAATCT | ENSG00000199165 hsa-let-7a-1 | ENSG00000199072 hsa-let-7f-1 | ENSG00000199133 hsa-let-7d | | |
| AAGTACAAA | ENSG00000207809 hsa-mir-139 | ENSG00000199082 hsa-mir-342 | | | |
| AAGTACCAT | ENSG00000208035 hsa-mir-143 | | | | |
| AAGTACCTG | ENSG00000202569 hsa-mir-146b | | | | |
| AAGTAGCCT | ENSG00000207694 hsa-mir-1-2 | | | | |
| AAGTAGGGC | ENSG00000199059 hsa-mir-135b | ENSG00000207581 hsa-mir-199b | | | |
| AAGTAGGTA | ENSG00000207995 hsa-mir-325 | | | | |
| AAGTAGTCC | ENSG00000199177 hsa-mir-31 | | | | |
| AAGTAGTGA | ENSG00000207827 hsa-mir-30a | ENSG00000199094 hsa-mir-30c-2 | ENSG00000207947 hsa-mir-152 | | |
| AAGTACAAA | ENSG00000207705 hsa-mir-129-1 | | | | |
| AAGTACAT | ENSG00000207789 hsa-mir-26a-2 | | | | |
| AAGTCCGGG | ENSG00000199036 hsa-mir-219-1 | | | | |
| AAGTCCGTC | ENSG00000207792 hsa-mir-151 | | | | |
| AAGTCTTAC | ENSG00000210741 hsa-mir-196a-1 | | | | |
| AAGTCTTAG | ENSG00000199023 hsa-mir-339 | | | | |
| AAGTCTCA | ENSG00000199121 hsa-mir-26b | | | | |
| AAGTCGCCC | ENSG00000207791 hsa-mir-497 | ENSG00000207929 hsa-mir-195 | | | |
| AAGTCTCGG | ENSG00000207726 hsa-mir-455 | | | | |
| AAGTCTGCT | ENSG00000207623 hsa-mir-205 | ENSG00000207790 hsa-mir-29b-2 | ENSG00000207966 hsa-mir-29c | ENSG00000207827 hsa-mir-30a | ENSG00000199094 hsa-mir-30c-2 |
| AAGTGAAC | ENSG00000207568 hsa-mir-203 | | | | |
| AAGTGAAC | Xie: AAGTAAA IRF1 | | | | |
| GTTTCACTT | Xie: CAGTTTCAYTTY ICSPB | | | | |
| GTTTCACTT | Xie: GGTTCRCCTTTTS | IRF-1 | | | |
| GTTTCACTT | Xie: TTTCAnTT IRF | | | | |
| AAGTGAAT | ENSG00000199065 hsa-mir-101-2 | | | | |
| AAGTGAAT | Xie: AAGTAAA IRF1 | | | | |
| ATTTCACTT | Xie: TTTCAnTT IRF | | | | |
| AAGTGAACC | ENSG00000199161 hsa-mir-126 | | | | |
| AAGTGAACC | Xie: AAGTAAA IRF1 | | | | |
| AAGTGAATG | ENSG00000198981 hsa-mir-29a | | | | |

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|------------|--------------------------------|--------------------------------|--------------------------------|------------------------------|
| AATATCATT | ENSG00000207548 hsa-mir-217 | | | |
| AATATCCAC | ENSG00000207732 hsa-mir-218-1 | | | |
| AATATGAGC | ENSG00000207597 hsa-mir-490 | | | |
| AATATGCAT | ENSG00000207725 hsa-mir-222 | ENSG00000207870 hsa-mir-221 | | |
| AATATGGGT | ENSG00000199177 hsa-mir-31 | | | |
| AATATGTGG | ENSG00000199165 hsa-let-7a-1 | ENSG00000199072 hsa-let-7f-1 | ENSG00000199133 hsa-let-7d | |
| AATATTGAC | ENSG00000198973 hsa-mir-375 | | | |
| AATATTTAC | ENSG00000202641 hsa-mir-484 | | | |
| AATATTTAC | Xie:GGTTAATnWTTAMC | HNF-1 | | |
| AATATTTCC | ENSG00000199077 hsa-mir-129-2 | | | |
| AATATTTGC | ENSG00000198973 hsa-mir-375 | ENSG00000207633 hsa-mir-505 | | |
| AATCAAAAT | ENSG00000207791 hsa-mir-497 | ENSG00000207929 hsa-mir-195 | | |
| AATCAAAAT | ENSG00000207792 hsa-mir-151 | ENSG00000208017 hsa-mir-140 | | |
| AATCAAGTC | ENSG00000207791 hsa-mir-497 | ENSG00000207929 hsa-mir-195 | | |
| AATCAATTG | ENSG00000207939 hsa-mir-223 | | | |
| AATCAACAAC | ENSG00000207585 hsa-mir-181d | | | |
| AATCACACG | ENSG00000199121 hsa-mir-26b | ENSG00000207819 hsa-mir-9-3 | | |
| AATCACATC | ENSG00000207633 hsa-mir-505 | | | |
| AATCACATG | ENSG00000211574 hsa-mir-770 | ENSG00000208001 hsa-mir-431 | ENSG00000199005 hsa-mir-370 | |
| AATCAGACT | ENSG00000207795 hsa-mir-155 | | | |
| AATCAGATC | ENSG00000199165 hsa-let-7a-1 | ENSG00000199072 hsa-let-7f-1 | ENSG00000199133 hsa-let-7d | |
| AATCAGCCA | ENSG00000207950 hsa-mir-296 | | | |
| AATCAGCCT | ENSG00000207692 hsa-mir-592 | | | |
| AATCAGCGG | ENSG00000199122 hsa-mir-148b | | | |
| AATCAGCGT | ENSG00000207695 hsa-mir-184 | | | |
| AATCAGCTG | ENSG00000199153 hsa-mir-30d | ENSG00000207582 hsa-mir-30b | ENSG00000208005 hsa-mir-503 | ENSG00000207784 hsa-mir-542 |
| AATCAGGCT | ENSG00000207705 hsa-mir-129-1 | | | |
| AATCAGGGG | ENSG00000199157 hsa-mir-208 | ENSG00000207611 hsa-mir-149 | | |
| AATCAGGTC | ENSG00000202609 hsa-mir-488 | | | |
| AATCAGTCC | ENSG00000198973 hsa-mir-375 | ENSG00000199122 hsa-mir-148b | | |
| AATCATTCC | ENSG00000211590 hsa-mir-802 | | | |
| AATCCAACCT | ENSG00000202609 hsa-mir-488 | | | |
| AATCCAATA | ENSG00000207994 hsa-mir-100 | ENSG00000207971 hsa-mir-125b-1 | ENSG00000198975 hsa-let-7a-2 | |
| AATCCAATC | ENSG00000208017 hsa-mir-140 | | | |
| AATCCAATT | ENSG00000199058 hsa-mir-302b | ENSG00000199169 hsa-mir-367 | ENSG00000199145 hsa-mir-302d | ENSG00000199102 hsa-mir-302c |
| AATCCACGC | ENSG00000199032 hsa-mir-425 | | | |
| AATCCAGAG | ENSG00000207751 hsa-mir-130b | ENSG00000211517 hsa-mir-671 | ENSG00000207725 hsa-mir-222 | ENSG00000207870 hsa-mir-221 |
| AATCCAGCC | ENSG00000207585 hsa-mir-181d | | | |
| AATCCAGGA | ENSG00000207550 hsa-mir-99b | ENSG00000198972 hsa-let-7e | | |
| AATCCAGGT | ENSG00000198987 hsa-mir-16-2 | | | |
| AATCCATGA | ENSG00000211590 hsa-mir-802 | | | |
| AATCCAAAA | ENSG00000199085 hsa-mir-148a | ENSG00000207721 hsa-mir-186 | | |
| AATCCAGCG | ENSG00000199059 hsa-mir-135b | ENSG00000211574 hsa-mir-770 | ENSG00000208001 hsa-mir-431 | ENSG00000199005 hsa-mir-370 |
| AATCCAGT | ENSG00000210741 hsa-mir-196a-1 | | | |
| AATCCCAT | ENSG00000207630 hsa-mir-7-3 | | | |
| AATCCCCCC | ENSG00000207604 hsa-mir-206 | ENSG00000199080 hsa-mir-133b | | |
| AATCCCCCT | ENSG00000199077 hsa-mir-129-2 | ENSG00000207702 hsa-mir-211 | ENSG00000207630 hsa-mir-7-3 | |
| AATCCCGGA | ENSG00000199017 hsa-mir-1-1 | ENSG00000207764 hsa-mir-133a-2 | ENSG00000207751 hsa-mir-130b | |
| AATCCCTTC | ENSG00000198987 hsa-mir-16-2 | | | |
| AATCCGAAA | ENSG00000207623 hsa-mir-205 | | | |
| AATCCGAGC | Xie:AnTTTCGnWTTCSnA | IRF-7 | | |
| AATCCGCTC | ENSG00000199059 hsa-mir-135b | ENSG00000207596 hsa-mir-194-2 | ENSG00000207648 hsa-mir-192 | |
| AATCCGCTC | ENSG00000199165 hsa-let-7a-1 | ENSG00000199072 hsa-let-7f-1 | ENSG00000199133 hsa-let-7d | |
| AATCCGGAA | ENSG00000207955 hsa-mir-219-2 | | | |
| AATCCTAGC | ENSG00000207656 hsa-mir-489 | | | |
| AATCCCTCT | ENSG00000207935 hsa-mir-204 | | | |
| AATCCCTGCC | ENSG00000199004 hsa-mir-21 | | | |
| AATCCCTGCT | ENSG00000199165 hsa-let-7a-1 | ENSG00000199072 hsa-let-7f-1 | ENSG00000199133 hsa-let-7d | ENSG00000207695 hsa-mir-184 |
| AATCCCTGG | ENSG00000207795 hsa-mir-155 | ENSG00000207797 hsa-mir-187 | | |
| AATCCGCC | ENSG00000207819 hsa-mir-9-3 | | | |
| AATCCGCCG | ENSG00000198987 hsa-mir-16-2 | | | |
| AATCCGCTG | ENSG00000208024 hsa-mir-199a-2 | ENSG00000207949 hsa-mir-214 | | |
| AATCCGCTAA | ENSG00000199122 hsa-mir-148b | | | |
| AATCCGCTTC | ENSG00000199122 hsa-mir-148b | | | |
| AATCCGAAG | ENSG00000207790 hsa-mir-29b-2 | ENSG00000207966 hsa-mir-29c | | |
| AATCCGGAG | ENSG00000207789 hsa-mir-26a-2 | | | |
| AATCCGGCAG | ENSG00000207638 hsa-mir-99a | ENSG00000207863 hsa-mir-125b-2 | | |
| AATCCGGCTC | ENSG00000207777 hsa-mir-10a | | | |
| AATCCGGGCT | ENSG00000199085 hsa-mir-148a | | | |
| AATCGTAC | ENSG00000199077 hsa-mir-129-2 | | | |
| AATCTATCA | ENSG00000207745 hsa-mir-17 | ENSG00000207610 hsa-mir-19a | ENSG00000199149 hsa-mir-20a | |
| AATCTCCAC | ENSG00000207635 hsa-mir-499 | | | |
| AATCTCCCG | ENSG00000198995 hsa-mir-340 | | | |
| AATCTCCGC | ENSG00000207955 hsa-mir-219-2 | | | |
| AATCTCCCT | ENSG00000207955 hsa-mir-219-2 | | | |
| AATCTCGCC | ENSG00000199058 hsa-mir-302b | ENSG00000199169 hsa-mir-367 | ENSG00000199145 hsa-mir-302d | ENSG00000199102 hsa-mir-302c |
| AATCTCGCG | ENSG00000207698 hsa-mir-32 | | | |
| AATCTGACA | ENSG00000207695 hsa-mir-184 | | | |
| AATCTGAGC | ENSG00000210741 hsa-mir-196a-1 | | | |
| AATCTGGCA | ENSG00000199089 hsa-mir-202 | | | |
| AATCTGGGC | ENSG00000207994 hsa-mir-100 | ENSG00000207971 hsa-mir-125b-1 | ENSG00000198975 hsa-let-7a-2 | |
| AATCTTCTG | ENSG00000207597 hsa-mir-490 | | | |
| AATGAACCT | ENSG00000199177 hsa-mir-31 | ENSG00000207638 hsa-mir-99a | ENSG00000207863 hsa-mir-125b-2 | |
| AATGAAGCC | ENSG00000207705 hsa-mir-129-1 | | | |
| AATGAAGCG | ENSG00000207726 hsa-mir-455 | | | |
| AATGAAGTA | ENSG00000207865 hsa-mir-34a | | | |
| AATGACAAC | ENSG00000199071 hsa-mir-423 | | | |
| AATGACATC | ENSG00000207947 hsa-mir-152 | | | |
| AATGACCAT | ENSG00000207955 hsa-mir-219-2 | ENSG00000207995 hsa-mir-325 | | |
| AATGACGGG | ENSG00000207777 hsa-mir-10a | | | |
| AATGACTAC | ENSG00000199065 hsa-mir-101-2 | | | |

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|------------------------------|-------------------------------|--------------------------------|-----------------------------|-----------------------------|------------------------------|-----------------------------|------------------------------|--|--|
| AATTCAAAC | ENSG00000207811 hsa-mir-34b | ENSG00000207562 hsa-mir-34c | | | | | | | |
| AATTCACCC | ENSG00000207694 hsa-mir-1-2 | | | | | | | | |
| AATTCAGGG | ENSG00000207721 hsa-mir-186 | | | | | | | | |
| AATTCATGA | ENSG00000207725 hsa-mir-222 | ENSG00000207870 hsa-mir-221 | | | | | | | |
| AATTCATGC | ENSG00000207777 hsa-mir-10a | | | | | | | | |
| AATTCATTA | ENSG00000208017 hsa-mir-140 | | | | | | | | |
| AATTCATTG | ENSG00000207797 hsa-mir-187 | ENSG00000208024 hsa-mir-199a-2 | ENSG00000207949 hsa-mir-214 | | | | | | |
| AATTCCTCC | ENSG00000202609 hsa-mir-488 | ENSG00000207571 hsa-mir-615 | | | | | | | |
| AATTCCTCG | ENSG00000207953 hsa-mir-212 | | | | | | | | |
| AATTCCTCA | ENSG00000208035 hsa-mir-143 | | | | | | | | |
| AATTCGTTA | ENSG00000198987 hsa-mir-16-2 | | | | | | | | |
| AATTCCTACT | ENSG00000207726 hsa-mir-455 | | | | | | | | |
| AATTCCTCAC | ENSG00000207726 hsa-mir-455 | ENSG00000199024 hsa-mir-103-2 | | | | | | | |
| AATTCCTCCC | ENSG00000207939 hsa-mir-223 | | | | | | | | |
| AATTCCTTCC | ENSG00000207819 hsa-mir-9-3 | | | | | | | | |
| AATTGACAA | ENSG00000207865 hsa-mir-34a | | | | | | | | |
| AATTGACCA | ENSG00000199177 hsa-mir-31 | | | | | | | | |
| AATTGACTG | ENSG00000207745 hsa-mir-17 | ENSG00000207610 hsa-mir-19a | ENSG00000199149 hsa-mir-20a | | | | | | |
| AATTGAGAC | ENSG00000207702 hsa-mir-211 | | | | | | | | |
| AATTGATGA | ENSG00000207656 hsa-mir-489 | | | | | | | | |
| AATTGCAAA | ENSG00000199053 hsa-mir-324 | ENSG00000207617 hsa-mir-24-1 | ENSG00000207548 hsa-mir-217 | | | | | | |
| AATTGCAGC | ENSG00000207955 hsa-mir-219-2 | ENSG00000207790 hsa-mir-29b-2 | ENSG00000207966 hsa-mir-29c | | | | | | |
| AATTGCCAA | ENSG00000207939 hsa-mir-223 | | | | | | | | |
| AATTGCCCG | ENSG00000207777 hsa-mir-10a | | | | | | | | |
| AATTGCCTC | ENSG00000208005 hsa-mir-503 | ENSG00000207784 hsa-mir-542 | | | | | | | |
| AATTGCTCA | ENSG00000207726 hsa-mir-455 | ENSG00000207935 hsa-mir-204 | ENSG00000199082 hsa-mir-342 | | | | | | |
| AATTGCTGG | ENSG00000207618 hsa-mir-144 | ENSG00000207794 hsa-mir-451 | | | | | | | |
| AATTGGACT | ENSG00000207602 hsa-mir-106a | ENSG00000207572 hsa-mir-363 | ENSG00000207710 hsa-mir-20b | | | | | | |
| AATTGGCTG | ENSG00000211517 hsa-mir-671 | | | | | | | | |
| AATTGGGAA | ENSG00000207548 hsa-mir-217 | | | | | | | | |
| AATTGGGCT | ENSG00000211574 hsa-mir-770 | ENSG00000208001 hsa-mir-431 | ENSG00000199005 hsa-mir-370 | | | | | | |
| AATTGGGGG | ENSG00000207571 hsa-mir-615 | | | | | | | | |
| AATTGGTAC | ENSG00000207955 hsa-mir-219-2 | | | | | | | | |
| AATTGGTGG | ENSG00000207638 hsa-mir-99a | ENSG00000207863 hsa-mir-125b-2 | | | | | | | |
| AATTTAAAG | ENSG00000208037 hsa-mir-320 | | | | | | | | |
| AATTTAGAA | ENSG00000208035 hsa-mir-143 | | | | | | | | |
| AATTTAGGC | ENSG00000207618 hsa-mir-144 | ENSG00000207794 hsa-mir-451 | | | | | | | |
| AATTTATTC | ENSG00000199177 hsa-mir-31 | | | | | | | | |
| AATTTCTCC | ENSG00000198987 hsa-mir-16-2 | | | | | | | | |
| AATTTCTCTC | Xie:AWTTTCC | IY | | | | | | | |
| GAGGAAATT | Xie:AGGAART | ELF-1 | | | | | | | |
| GAGGAAATT | Xie:WGGAAAnW | NF-AT | | | | | | | |
| AATTTCTCTC | MATCH:V\$HMGY_Q6 | HMGY | | | | | | | |
| AATTTCTCG | ENSG00000207698 hsa-mir-32 | | | | | | | | |
| AATTTCTGC | ENSG00000199177 hsa-mir-31 | | | | | | | | |
| AATTTGAGG | ENSG00000207811 hsa-mir-34b | ENSG00000207562 hsa-mir-34c | | | | | | | |
| AATTTGATC | ENSG00000207718 hsa-mir-15a | ENSG00000208006 hsa-mir-16-1 | | | | | | | |
| AATTTGCAA | ENSG00000207548 hsa-mir-217 | | | | | | | | |
| AATTTGCAT | ENSG00000207656 hsa-mir-489 | | | | | | | | |
| ATGCAAATT | Xie:ATGCAAATnA | OCTAMER | | | | | | | |
| AATTTGCC | ENSG00000207726 hsa-mir-455 | | | | | | | | |
| AATTTGGCC | ENSG00000207550 hsa-mir-99b | ENSG00000198972 hsa-let-7e | ENSG00000207726 hsa-mir-455 | | | | | | |
| AATTTGTCC | ENSG00000207792 hsa-mir-151 | | | | | | | | |
| ACAAAACCT | ENSG00000199077 hsa-mir-129-2 | | | | | | | | |
| ACAAAAGAG | ENSG00000207548 hsa-mir-217 | | | | | | | | |
| ACAAAAGCC | ENSG00000207611 hsa-mir-149 | | | | | | | | |
| ACAAAAGGC | ENSG00000207635 hsa-mir-499 | | | | | | | | |
| ACAAACAGT | ENSG00000207633 hsa-mir-505 | | | | | | | | |
| ACAAACCGC | ENSG00000207730 hsa-mir-200b | ENSG00000207607 hsa-mir-200a | ENSG00000198976 hsa-mir-429 | | | | | | |
| ACAAAGAAC | ENSG00000199053 hsa-mir-324 | | | | | | | | |
| ACAAAGACG | ENSG00000199090 hsa-mir-326 | ENSG00000207751 hsa-mir-130b | | | | | | | |
| ACAAAGATG | ENSG00000199077 hsa-mir-129-2 | | | | | | | | |
| ACAAAGGCG | ENSG00000207635 hsa-mir-499 | ENSG00000207790 hsa-mir-29b-2 | ENSG00000207966 hsa-mir-29c | | | | | | |
| ACAAAGGTC | ENSG00000199059 hsa-mir-135b | | | | | | | | |
| ACAAAGTCC | ENSG00000199161 hsa-mir-126 | | | | | | | | |
| ACAAATCAC | ENSG00000199036 hsa-mir-219-1 | | | | | | | | |
| ACAAATGCA | ENSG00000202641 hsa-mir-484 | | | | | | | | |
| ACAACAAC | ENSG00000207935 hsa-mir-204 | | | | | | | | |
| ACAACAGCC | ENSG00000208035 hsa-mir-143 | | | | | | | | |
| ACAACAGGG | ENSG00000199090 hsa-mir-326 | ENSG00000202609 hsa-mir-488 | | | | | | | |
| ACAACATTA | ENSG00000207797 hsa-mir-187 | | | | | | | | |
| ACAACATTC | ENSG00000207789 hsa-mir-26a-2 | | | | | | | | |
| ACAACCCCA | ENSG00000207731 hsa-mir-506 | | | | | | | | |
| ACAACCCCC | ENSG00000207751 hsa-mir-130b | | | | | | | | |
| ACAACCCGC | ENSG00000207789 hsa-mir-26a-2 | | | | | | | | |
| ACAACCTTG | ENSG00000199085 hsa-mir-148a | | | | | | | | |
| ACAACCTCC | ENSG00000207698 hsa-mir-32 | | | | | | | | |
| ACAACCTGCA | ENSG00000199090 hsa-mir-326 | ENSG00000199135 hsa-mir-101-1 | | | | | | | |
| ACAACCTTCC | ENSG00000198987 hsa-mir-16-2 | | | | | | | | |
| ACAACCTTA | ENSG00000207548 hsa-mir-217 | | | | | | | | |
| ACAAGAAGC | ENSG00000199082 hsa-mir-342 | | | | | | | | |
| ACAAGAGGC | ENSG00000211590 hsa-mir-802 | | | | | | | | |
| ACAAGATGG | ENSG00000199036 hsa-mir-219-1 | ENSG00000207791 hsa-mir-497 | ENSG00000207929 hsa-mir-195 | | | | | | |
| ACAAGATGT | ENSG00000208037 hsa-mir-320 | ENSG00000207695 hsa-mir-184 | | | | | | | |
| ACAAGCCGC | ENSG00000207789 hsa-mir-26a-2 | | | | | | | | |
| ACAAGGGCC | ENSG00000207730 hsa-mir-200b | ENSG00000207607 hsa-mir-200a | ENSG00000198976 hsa-mir-429 | ENSG00000199043 hsa-mir-335 | ENSG00000199058 hsa-mir-302b | ENSG00000199169 hsa-mir-367 | ENSG00000199145 hsa-mir-302d | | |
| ENSG00000199102 hsa-mir-302c | | | | | | | | | |
| ACAAGTCTC | ENSG00000207827 hsa-mir-30a | ENSG00000199094 hsa-mir-30c-2 | | | | | | | |
| ACAAGTGGC | ENSG00000207604 hsa-mir-206 | ENSG00000199080 hsa-mir-133b | ENSG00000211590 hsa-mir-802 | | | | | | |
| ACAAGTGTC | ENSG00000199157 hsa-mir-208 | | | | | | | | |
| ACAAGTTCC | ENSG00000202569 hsa-mir-146b | ENSG00000199043 hsa-mir-335 | | | | | | | |

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|------------|--------------------------------|--------------------------------|-------------------------------|-------------------------------|-----------------------------|
| ACAGCCATC | ENSG00000199059 hsa-mir-135b | ENSG00000198981 hsa-mir-29a | | | |
| ACAGCCCAT | ENSG00000207581 hsa-mir-199b | ENSG00000207728 hsa-mir-449b | | | |
| ACAGCCGCG | ENSG00000199104 hsa-mir-346 | | | | |
| ACAGCCTTA | ENSG00000207602 hsa-mir-106a | ENSG00000207572 hsa-mir-363 | ENSG00000207710 hsa-mir-20b | ENSG00000207790 hsa-mir-29b-2 | ENSG00000207966 hsa-mir-29c |
| ACAGCGACA | ENSG00000207571 hsa-mir-615 | | | | |
| ACAGCGCAC | ENSG00000199047 hsa-mir-378 | | | | |
| ACAGCGCCA | ENSG00000198986 hsa-let-7a-3 | ENSG00000207875 hsa-let-7b | | | |
| ACAGCGCCC | ENSG00000199122 hsa-mir-148b | | | | |
| ACAGCGTCG | ENSG00000198986 hsa-let-7a-3 | ENSG00000207875 hsa-let-7b | | | |
| ACAGCTGAT | ENSG00000207790 hsa-mir-29b-2 | ENSG00000207966 hsa-mir-29c | | | |
| ACAGCTGGC | ENSG00000207596 hsa-mir-194-2 | ENSG00000207648 hsa-mir-192 | ENSG00000199082 hsa-mir-342 | | |
| ACAGGACAC | ENSG00000207635 hsa-mir-499 | | | | |
| ACAGGATGC | ENSG00000207995 hsa-mir-325 | | | | |
| ACAGGATTA | ENSG00000207597 hsa-mir-490 | | | | |
| ACAGGGCGA | ENSG00000199036 hsa-mir-219-1 | ENSG00000199090 hsa-mir-326 | | | |
| ACAGGGCGC | ENSG00000211574 hsa-mir-770 | ENSG00000208001 hsa-mir-431 | ENSG00000199005 hsa-mir-370 | | |
| ACAGGGGCG | ENSG00000202641 hsa-mir-484 | | | | |
| ACAGGGTTA | ENSG00000199157 hsa-mir-208 | | | | |
| ACAGGTACT | ENSG00000207586 hsa-mir-135a-2 | | | | |
| ACAGGTAGG | ENSG00000198984 hsa-mir-345 | | | | |
| ACAGGTCTG | ENSG00000199085 hsa-mir-148a | | | | |
| ACAGGTGCA | ENSG00000207995 hsa-mir-325 | | | | |
| ACAGTGGG | ENSG00000211563 hsa-mir-338 | ENSG00000207721 hsa-mir-186 | | | |
| ACAGTGGT | ENSG00000207611 hsa-mir-149 | ENSG00000207692 hsa-mir-592 | | | |
| ACAGTTAA | ENSG00000207795 hsa-mir-155 | | | | |
| ACAGTCATG | ENSG00000207731 hsa-mir-506 | | | | |
| ACAGTCGTG | ENSG00000199172 hsa-mir-331 | | | | |
| ACAGTGACG | ENSG00000207827 hsa-mir-30a | ENSG00000199094 hsa-mir-30c-2 | | | |
| ACAGTGAGT | ENSG00000199053 hsa-mir-324 | | | | |
| ACAGTGCGG | ENSG00000207691 hsa-mir-183 | ENSG00000207990 hsa-mir-182 | ENSG00000199158 hsa-mir-96 | | |
| ACAGTTCAA | ENSG00000199153 hsa-mir-30d | ENSG00000207582 hsa-mir-30b | | | |
| ACAGTTCAT | ENSG00000207926 hsa-mir-135a-1 | | | | |
| ACATAATCT | ENSG00000207994 hsa-mir-100 | ENSG00000207971 hsa-mir-125b-1 | ENSG00000198975 hsa-let-7a-2 | | |
| ACATAGCTC | ENSG00000207635 hsa-mir-499 | | | | |
| ACATCAAAG | ENSG00000207950 hsa-mir-296 | | | | |
| CTTTGATGT | Xie:CTTTGA | LEF1 | | | |
| ACATCAAAT | ENSG00000199135 hsa-mir-101-1 | | | | |
| ACATCACCC | ENSG00000207691 hsa-mir-183 | ENSG00000207990 hsa-mir-182 | ENSG00000199158 hsa-mir-96 | | |
| ACATCACCT | ENSG00000207745 hsa-mir-17 | ENSG00000207610 hsa-mir-19a | ENSG00000199149 hsa-mir-20a | | |
| ACATCAGAG | ENSG00000207705 hsa-mir-129-1 | | | | |
| ACATCAGCG | ENSG00000207624 hsa-mir-194-1 | ENSG00000207590 hsa-mir-215 | | | |
| ACATCATCC | ENSG00000208024 hsa-mir-199a-2 | ENSG00000207949 hsa-mir-214 | | | |
| ACATCCATG | ENSG00000207827 hsa-mir-30a | ENSG00000199094 hsa-mir-30c-2 | | | |
| ACATCCCAT | ENSG00000207721 hsa-mir-186 | | | | |
| ACATCCCGG | ENSG00000199066 hsa-mir-330 | | | | |
| ACATCTCCC | ENSG00000207939 hsa-mir-223 | | | | |
| ACATCTGAC | ENSG00000207948 hsa-mir-328 | | | | |
| ACATCTGCA | ENSG00000207635 hsa-mir-499 | | | | |
| ACATCTGGA | ENSG00000207581 hsa-mir-199b | ENSG00000207752 hsa-mir-199a-1 | | | |
| TCCAGATGT | Xie:TCCAGATGTT | RP58 | | | |
| ACATCTGGT | ENSG00000198973 hsa-mir-375 | ENSG00000208024 hsa-mir-199a-2 | ENSG00000207949 hsa-mir-214 | | |
| ACATCTTGG | ENSG00000207827 hsa-mir-30a | ENSG00000199094 hsa-mir-30c-2 | | | |
| ACATGACAA | ENSG00000199135 hsa-mir-101-1 | | | | |
| ACATGACCC | ENSG00000199104 hsa-mir-346 | | | | |
| ACATGACTC | ENSG00000207702 hsa-mir-211 | ENSG00000207926 hsa-mir-135a-1 | | | |
| ACATGAGGT | ENSG00000207705 hsa-mir-129-1 | | | | |
| ACATGCCTC | ENSG00000207791 hsa-mir-497 | ENSG00000207929 hsa-mir-195 | | | |
| ACATGCTGA | ENSG00000207865 hsa-mir-34a | | | | |
| ACATGCTGC | ENSG00000207827 hsa-mir-30a | ENSG00000199094 hsa-mir-30c-2 | ENSG00000207947 hsa-mir-152 | | |
| ACATGGAAC | ENSG00000207795 hsa-mir-155 | | | | |
| ACATGGCAA | ENSG00000202569 hsa-mir-146b | | | | |
| ACATGGCTG | ENSG00000199059 hsa-mir-135b | ENSG00000207926 hsa-mir-135a-1 | ENSG00000207995 hsa-mir-325 | | |
| ACATGGTGA | ENSG00000199088 hsa-mir-379 | ENSG00000207749 hsa-mir-299 | ENSG00000198982 hsa-mir-380 | ENSG00000199069 hsa-mir-323 | ENSG00000211582 hsa-mir-758 |
| | ENSG00000207743 hsa-mir-495 | ENSG00000199020 hsa-mir-381 | ENSG00000207754 hsa-mir-487b | ENSG00000202560 hsa-mir-539 | ENSG00000207993 hsa-mir-134 |
| | ENSG00000199107 hsa-mir-409 | ENSG00000199012 hsa-mir-412 | ENSG00000199025 hsa-mir-369 | ENSG00000199092 hsa-mir-410 | ENSG00000207961 hsa-mir-496 |
| | | | | | ENSG00000199015 hsa-mir-377 |
| ACATGTAC | ENSG00000207994 hsa-mir-100 | ENSG00000207971 hsa-mir-125b-1 | ENSG00000198975 hsa-let-7a-2 | | |
| ACATTAAC | ENSG00000207827 hsa-mir-30a | | | | |
| ACATTAAGC | ENSG00000207624 hsa-mir-194-1 | | | | |
| ACATTATGG | ENSG00000198986 hsa-let-7a-3 | ENSG00000207590 hsa-mir-215 | | | |
| ACATTCAAC | ENSG00000207717 hsa-mir-551b | ENSG00000207875 hsa-let-7b | | | |
| ACATTCGAC | ENSG00000207568 hsa-mir-203 | | | | |
| ACATTCCTC | ENSG00000199157 hsa-mir-208 | ENSG00000207752 hsa-mir-199a-1 | | | |
| ACATTCGCA | ENSG00000198984 hsa-mir-345 | | | | |
| ACATTCCTG | ENSG00000207728 hsa-mir-449b | | | | |
| ACATTGAAC | ENSG00000207586 hsa-mir-135a-2 | | | | |
| ACATTGACA | ENSG00000199058 hsa-mir-302b | ENSG00000199169 hsa-mir-367 | ENSG00000199145 hsa-mir-302d | ENSG00000199102 hsa-mir-302c | |
| ACATTGCAA | ENSG00000202609 hsa-mir-488 | | | | |
| ACATTGCCT | ENSG00000207618 hsa-mir-144 | ENSG00000207794 hsa-mir-451 | ENSG00000199024 hsa-mir-103-2 | | |
| ACATTGCTC | ENSG00000207586 hsa-mir-135a-2 | | | | |
| ACATTGGCT | ENSG00000207994 hsa-mir-100 | ENSG00000207971 hsa-mir-125b-1 | ENSG00000198975 hsa-let-7a-2 | | |
| ACATTTAAT | ENSG00000198995 hsa-mir-340 | | | | |
| ACCAAAGGG | ENSG00000207618 hsa-mir-144 | ENSG00000207794 hsa-mir-451 | | | |
| ACCAAGATA | ENSG00000207602 hsa-mir-106a | ENSG00000207572 hsa-mir-363 | ENSG00000207710 hsa-mir-20b | | |
| ACCAAATAC | ENSG00000198984 hsa-mir-345 | ENSG00000211574 hsa-mir-770 | ENSG00000208001 hsa-mir-431 | ENSG00000199005 hsa-mir-370 | |
| ACCAACCCAG | ENSG00000198986 hsa-let-7a-3 | ENSG00000207875 hsa-let-7b | | | |
| ACCAACTTC | ENSG00000207624 hsa-mir-194-1 | ENSG00000207590 hsa-mir-215 | | | |
| ACCAAGATG | ENSG00000199036 hsa-mir-219-1 | | | | |
| ACCAAGTCA | ENSG00000207635 hsa-mir-499 | ENSG00000207789 hsa-mir-26a-2 | | | |
| ACCAATAAG | ENSG00000207694 hsa-mir-1-2 | | | | |
| ACCAATAGC | ENSG00000199059 hsa-mir-135b | | | | |
| ACCAATCAT | ENSG00000199024 hsa-mir-103-2 | ENSG00000207586 hsa-mir-135a-2 | | | |

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| ACGCACGCA | MATCH:V\$AHRHIF_Q6 | AHR Arnt HIF-1 | | | | | | |
| ACGCACGGC | ENSG00000207752 hsa-mir-199a-1 | | | | | | | |
| ACGCACCTG | ENSG00000199088 hsa-mir-379 | ENSG00000207749 hsa-mir-299 | ENSG00000198982 hsa-mir-380 | ENSG00000199069 hsa-mir-323 | ENSG00000211582 hsa-mir-758 | ENSG00000207761 hsa-mir-329-1 | ENSG00000194717 hsa-mir-494 | |
| | ENSG00000207743 hsa-mir-495 | ENSG00000199020 hsa-mir-381 | ENSG00000207754 hsa-mir-487b | ENSG00000202560 hsa-mir-539 | ENSG00000207993 hsa-mir-134 | ENSG00000207961 hsa-mir-496 | ENSG00000199015 hsa-mir-377 | |
| | ENSG00000199107 hsa-mir-409 | ENSG00000199012 hsa-mir-412 | ENSG00000199025 hsa-mir-369 | ENSG00000199092 hsa-mir-410 | | | | |
| ACGCACCTC | ENSG00000199043 hsa-mir-335 | | | | | | | |
| ACGCACCCA | ENSG00000207744 hsa-mir-10b | | | | | | | |
| ACGCACCCG | ENSG00000199121 hsa-mir-26b | | | | | | | |
| ACGCACGGC | ENSG00000199024 hsa-mir-103-2 | | | | | | | |
| ACGCATACA | ENSG00000199036 hsa-mir-219-1 | | | | | | | |
| ACGCATCTG | ENSG00000198973 hsa-mir-375 | | | | | | | |
| ACGCATGCG | ENSG00000198995 hsa-mir-340 | | | | | | | |
| ACGCCAAAA | ENSG00000199122 hsa-mir-148b | | | | | | | |
| ACGCCACGG | ENSG00000207955 hsa-mir-219-2 | | | | | | | |
| ACGCCATTG | ENSG00000199017 hsa-mir-1-1 | ENSG00000207764 hsa-mir-133a-2 | | | | | | |
| ACGCCCCAG | ENSG00000207726 hsa-mir-455 | | | | | | | |
| ACGCCCACT | ENSG00000199066 hsa-mir-330 | ENSG00000199024 hsa-mir-103-2 | | | | | | |
| ACGCCCAGG | ENSG00000207571 hsa-mir-615 | | | | | | | |
| ACGCCCGCT | ENSG00000207792 hsa-mir-151 | | | | | | | |
| ACGCCCTGC | ENSG00000198995 hsa-mir-340 | | | | | | | |
| ACGCCGACG | ENSG00000207567 hsa-mir-142 | | | | | | | |
| ACGCCCTGAC | ENSG00000198995 hsa-mir-340 | | | | | | | |
| ACGCCCTAG | ENSG00000207568 hsa-mir-203 | | | | | | | |
| ACGCGACCA | ENSG00000199032 hsa-mir-425 | | | | | | | |
| ACGCGACCC | ENSG00000207955 hsa-mir-219-2 | | | | | | | |
| ACGCGACCT | ENSG00000202641 hsa-mir-484 | | | | | | | |
| ACGCGAGCC | ENSG00000208005 hsa-mir-503 | ENSG00000207784 hsa-mir-542 | | | | | | |
| ACGCGACACA | ENSG00000198974 hsa-mir-30e | ENSG00000207962 hsa-mir-30c-1 | | | | | | |
| ACGCGACCC | ENSG00000199036 hsa-mir-219-1 | | | | | | | |
| ACGCGCCGT | ENSG00000208037 hsa-mir-320 | | | | | | | |
| ACGCGCCTC | ENSG00000198995 hsa-mir-340 | | | | | | | |
| ACGCGCGAG | ENSG00000199038 hsa-mir-210 | | | | | | | |
| ACGCGGAAA | ENSG00000199036 hsa-mir-219-1 | | | | | | | |
| ACGCGGAAG | ENSG00000199032 hsa-mir-425 | | | | | | | |
| ACGCGTCCG | ENSG00000208005 hsa-mir-503 | ENSG00000207784 hsa-mir-542 | | | | | | |
| ACGCGTGCG | ENSG00000207752 hsa-mir-199a-1 | | | | | | | |
| ACGCTCTCT | ENSG00000199089 hsa-mir-202 | ENSG00000207732 hsa-mir-218-1 | | | | | | |
| ACGCTGACG | ENSG00000199071 hsa-mir-423 | | | | | | | |
| ACGCTGGGT | ENSG00000199017 hsa-mir-1-1 | ENSG00000207764 hsa-mir-133a-2 | ENSG00000199089 hsa-mir-202 | | | | | |
| ACGCTGTTG | ENSG00000207585 hsa-mir-181d | | | | | | | |
| ACGCTTCTT | ENSG00000199043 hsa-mir-335 | | | | | | | |
| ACGGAAGGA | ENSG00000207586 hsa-mir-135a-2 | | | | | | | |
| ACGGAAGGC | ENSG00000199043 hsa-mir-335 | | | | | | | |
| ACGGAAGTC | ENSG00000211563 hsa-mir-338 | | | | | | | |
| ACGGAAGTC | Xie:MGGAWGT | PEA3 | | | | | | |
| ACGGACACA | ENSG00000207791 hsa-mir-497 | ENSG00000207929 hsa-mir-195 | | | | | | |
| ACGGACAGA | ENSG00000207567 hsa-mir-142 | ENSG00000207728 hsa-mir-449b | ENSG00000199130 hsa-mir-365-1 | | | | | |
| ACGGACGGG | ENSG00000207953 hsa-mir-212 | | | | | | | |
| ACGGCGCAG | ENSG00000199047 hsa-mir-378 | | | | | | | |
| ACGGCGCCT | ENSG00000207954 hsa-mir-138-1 | | | | | | | |
| ACGGCTCCT | ENSG00000207614 hsa-mir-193a | ENSG00000199187 hsa-mir-365-2 | | | | | | |
| ACGGCTTCC | ENSG00000207953 hsa-mir-212 | | | | | | | |
| ACGGGCACC | ENSG00000207713 hsa-mir-200c | ENSG00000207708 hsa-mir-141 | | | | | | |
| ACGGGGCCA | ENSG00000207955 hsa-mir-219-2 | | | | | | | |
| ACGGGGTCC | ENSG00000199085 hsa-mir-148a | ENSG00000199089 hsa-mir-202 | | | | | | |
| ACGGTCGCG | ENSG00000199032 hsa-mir-425 | | | | | | | |
| ACGTCAAAG | ENSG00000207581 hsa-mir-199b | ENSG00000207953 hsa-mir-212 | | | | | | |
| ACGTCAAAG | Xie:TGACGTCARRG | ATF-1 | | | | | | |
| CTTTGACGT | Xie:CTTTGA | LEF1 | | | | | | |
| ACGTCAAGA | ENSG00000199121 hsa-mir-26b | ENSG00000208024 hsa-mir-199a-2 | ENSG00000207949 hsa-mir-214 | | | | | |
| ACGTCAACC | ENSG00000207617 hsa-mir-24-1 | | | | | | | |
| ACGTCAACG | ENSG00000207953 hsa-mir-212 | | | | | | | |
| ACGTCAACG | ENSG00000199130 hsa-mir-365-1 | | | | | | | |
| ACGTCAAG | ENSG00000207953 hsa-mir-212 | | | | | | | |
| ACGTCAAG | Xie:TGACGTCARRG | ATF-1 | | | | | | |
| ACGTCAAGG | ENSG00000207953 hsa-mir-212 | ENSG00000199153 hsa-mir-30d | ENSG00000207582 hsa-mir-30b | | | | | |
| ACGTCAAGG | Xie:TGACGTCARRG | ATF-1 | | | | | | |
| ACGTCAAGC | ENSG00000207819 hsa-mir-9-3 | | | | | | | |
| ACGTCAATC | ENSG00000207617 hsa-mir-24-1 | | | | | | | |
| ACGTCAATG | ENSG00000198995 hsa-mir-340 | | | | | | | |
| ACGTCCGGC | ENSG00000207611 hsa-mir-149 | | | | | | | |
| ACGTCTCG | ENSG00000198995 hsa-mir-340 | | | | | | | |
| ACGTCCGGC | ENSG00000198973 hsa-mir-375 | | | | | | | |
| ACGTCTCCA | ENSG00000199135 hsa-mir-101-1 | | | | | | | |
| ACGTCTTTG | ENSG00000199090 hsa-mir-326 | | | | | | | |
| ACGTGAAGA | ENSG00000199161 hsa-mir-126 | | | | | | | |
| ACGTGACAG | ENSG00000207933 hsa-mir-9-1 | | | | | | | |
| ACGTGACAG | Xie:TGACAG | MEIS1 | | | | | | |
| ACGTGACAT | ENSG00000207611 hsa-mir-149 | | | | | | | |
| ACGTGACCC | ENSG00000208017 hsa-mir-140 | | | | | | | |
| ACGTGACCG | ENSG00000208017 hsa-mir-140 | | | | | | | |
| ACGTGACGA | ENSG00000199071 hsa-mir-423 | | | | | | | |
| ACGTGACTC | ENSG00000207571 hsa-mir-615 | | | | | | | |
| ACGTGACTG | ENSG00000199104 hsa-mir-346 | | | | | | | |
| ACGTGAGCA | ENSG00000199089 hsa-mir-202 | | | | | | | |
| ACGTGAGCC | ENSG00000207819 hsa-mir-9-3 | ENSG00000207950 hsa-mir-296 | | | | | | |
| ACGTGAGGA | ENSG00000199135 hsa-mir-101-1 | | | | | | | |
| ACGTGAGGC | ENSG00000207950 hsa-mir-296 | | | | | | | |
| ACGTGACCA | ENSG00000199090 hsa-mir-326 | | | | | | | |
| ACGTGACGA | ENSG00000199038 hsa-mir-210 | | | | | | | |

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|-------------|--------------------------------|--------------------------------|--------------------------------|------------------------------|--------------------------------|------------------------------|
| ACTGATGTC | ENSG00000198981 hsa-mir-29a | | | | | |
| ACTGATTC | ENSG00000198973 hsa-mir-375 | | | | | |
| ACTGCAACC | ENSG00000198995 hsa-mir-340 | ENSG00000207649 hsa-mir-138-2 | ENSG00000207713 hsa-mir-200c | ENSG00000207708 hsa-mir-141 | | |
| ACTGCACCA | ENSG00000199066 hsa-mir-330 | ENSG00000211563 hsa-mir-338 | ENSG00000207745 hsa-mir-17 | ENSG00000207610 hsa-mir-19a | ENSG00000199149 hsa-mir-20a | |
| ACTGCAGCG | ENSG00000199161 hsa-mir-126 | | | | | |
| ACTGCATAA | ENSG00000207745 hsa-mir-17 | ENSG00000207610 hsa-mir-19a | | | | |
| ACTGCATCA | ENSG00000207790 hsa-mir-29b-2 | ENSG00000207966 hsa-mir-29c | ENSG00000199149 hsa-mir-20a | | | |
| ACTGCCGGC | ENSG00000199065 hsa-mir-101-2 | | | | | |
| ACTGCCCTTG | ENSG00000207635 hsa-mir-499 | | | | | |
| ACTGCGCCT | ENSG00000198995 hsa-mir-340 | | | | | |
| ACTGCGGAG | ENSG00000199104 hsa-mir-346 | | | | | |
| ACTGCGGCA | ENSG00000199085 hsa-mir-148a | | | | | |
| ACTGCGGGT | ENSG00000207751 hsa-mir-130b | | | | | |
| ACTGCGTGG | ENSG00000208009 hsa-mir-130a | | | | | |
| ACTGTCTAC | ENSG00000207586 hsa-mir-135a-2 | | | | | |
| ACTGGCGCG | ENSG00000199032 hsa-mir-425 | ENSG00000202641 hsa-mir-484 | | | | |
| ACTGGCTTA | ENSG00000207745 hsa-mir-17 | ENSG00000207610 hsa-mir-19a | ENSG00000199149 hsa-mir-20a | | | |
| ACTGGGACG | ENSG00000202641 hsa-mir-484 | | | | | |
| ACTGGGCAT | ENSG00000207732 hsa-mir-218-1 | ENSG00000207792 hsa-mir-151 | | | | |
| ACTGGGGCC | ENSG00000208024 hsa-mir-199a-2 | ENSG00000207949 hsa-mir-214 | | | | |
| ACTGGGTAA | ENSG00000207692 hsa-mir-592 | ENSG00000207695 hsa-mir-184 | | | | |
| ACTGGTACC | ENSG00000207790 hsa-mir-29b-2 | ENSG00000207966 hsa-mir-29c | | | | |
| ACTGGTCAA | ENSG00000207694 hsa-mir-1-2 | | | | | |
| ACTGGTGTCT | ENSG00000199036 hsa-mir-219-1 | | | | | |
| ACTGGTTCA | ENSG00000208036 hsa-mir-106b | ENSG00000207547 hsa-mir-25 | ENSG00000207757 hsa-mir-93 | ENSG00000199071 hsa-mir-423 | | |
| ACTGTACCT | ENSG00000199077 hsa-mir-129-2 | | | | | |
| ACTGTCAAT | ENSG00000207717 hsa-mir-551b | | | | | |
| | ATTGACAGT Xie: TGACAG MEIS1 | | | | | |
| ACTGTCAGC | ENSG00000199065 hsa-mir-101-2 | | | | | |
| | GCTGACAGT Xie: TGACAG MEIS1 | | | | | |
| ACTGTCCGC | ENSG00000207656 hsa-mir-489 | | | | | |
| ACTGTTTAC | ENSG00000207752 hsa-mir-199a-1 | | | | | |
| | GTAACAGT Xie: CTWAWGTAAACanWG | FREAC-4 | | | | |
| ACTTAAAAAC | ENSG00000199082 hsa-mir-342 | | | | | |
| ACTTAAACT | ENSG00000199023 hsa-mir-339 | | | | | |
| ACTTAATCC | ENSG00000207571 hsa-mir-615 | | | | | |
| ACTTACCAC | ENSG00000202569 hsa-mir-146b | ENSG00000207745 hsa-mir-17 | ENSG00000207610 hsa-mir-19a | ENSG00000199149 hsa-mir-20a | | |
| ACTTACTCA | ENSG00000202569 hsa-mir-146b | | | | | |
| ACTTAGCAA | ENSG00000207745 hsa-mir-17 | ENSG00000207610 hsa-mir-19a | ENSG00000199149 hsa-mir-20a | ENSG00000207994 hsa-mir-100 | ENSG00000207971 hsa-mir-125b-1 | ENSG00000198975 hsa-let-7a-2 |
| ACTTAGTCG | ENSG00000207739 hsa-mir-218-2 | | | | | |
| ACTTATCTG | ENSG00000199059 hsa-mir-135b | ENSG00000207721 hsa-mir-186 | ENSG00000208024 hsa-mir-199a-2 | ENSG00000207949 hsa-mir-214 | | |
| ACTTATTCA | ENSG00000207726 hsa-mir-455 | | | | | |
| ACTTCAACT | ENSG00000207623 hsa-mir-205 | | | | | |
| ACTTCACCC | ENSG00000207638 hsa-mir-99a | ENSG00000207863 hsa-mir-125b-2 | | | | |
| ACTTCAGCC | ENSG00000199058 hsa-mir-302b | ENSG00000199169 hsa-mir-367 | ENSG00000199145 hsa-mir-302d | ENSG00000199102 hsa-mir-302c | | |
| ACTTCAGTC | ENSG00000207797 hsa-mir-187 | | | | | |
| ACTTCATTG | ENSG00000207865 hsa-mir-34a | | | | | |
| ACTTCCAAG | ENSG00000207960 hsa-mir-153-2 | | | | | |
| ACTTCCGCC | ENSG00000207721 hsa-mir-186 | | | | | |
| | GGCGGAAGT Xie: MGGAWGT PEA3 | | | | | |
| ACTTCCGCT | ENSG00000207721 hsa-mir-186 | | | | | |
| | AGCGGAAGT Xie: MGGAWGT PEA3 | | | | | |
| ACTTCCGGA | ENSG00000207585 hsa-mir-181d | | | | | |
| | TCCGGAAGT Xie: CCGGAART ELK-1 | | | | | |
| | TCCGGAAGT Xie: MGGAWGT PEA3 | | | | | |
| ACTTCCCTAC | ENSG00000207604 hsa-mir-206 | ENSG00000199080 hsa-mir-133b | | | | |
| | GTAGGAAGT Xie: AGGAART ELF-1 | | | | | |
| | GTAGGAAGT Xie: MGGAWGT PEA3 | | | | | |
| ACTTCCCTAT | ENSG00000199082 hsa-mir-342 | | | | | |
| | ATAGGAAGT Xie: AGGAART ELF-1 | | | | | |
| | ATAGGAAGT Xie: MGGAWGT PEA3 | | | | | |
| ACTTCGCCA | ENSG00000207614 hsa-mir-193a | ENSG00000199187 hsa-mir-365-2 | | | | |
| ACTTCGTCC | ENSG00000207994 hsa-mir-100 | ENSG00000207971 hsa-mir-125b-1 | ENSG00000198975 hsa-let-7a-2 | | | |
| ACTTCTAGC | ENSG00000199032 hsa-mir-425 | | | | | |
| ACTTCTCCT | ENSG00000207656 hsa-mir-489 | ENSG00000207935 hsa-mir-204 | ENSG00000207597 hsa-mir-490 | | | |
| ACTTGAAAC | ENSG00000207789 hsa-mir-26a-2 | | | | | |
| ACTTGAAGC | ENSG00000207633 hsa-mir-505 | | | | | |
| ACTTGAATC | ENSG00000199058 hsa-mir-302b | ENSG00000199169 hsa-mir-367 | ENSG00000199145 hsa-mir-302d | ENSG00000199102 hsa-mir-302c | | |
| ACTTGATTA | ENSG00000208035 hsa-mir-143 | ENSG00000207623 hsa-mir-205 | | | | |
| ACTTGCAAA | ENSG00000207731 hsa-mir-506 | | | | | |
| ACTTGCCCT | ENSG00000211590 hsa-mir-802 | | | | | |
| ACTTGCGCA | ENSG00000207960 hsa-mir-153-2 | | | | | |
| ACTTGCGTC | ENSG00000207717 hsa-mir-551b | | | | | |
| ACTTGCTAA | ENSG00000207692 hsa-mir-592 | ENSG00000207994 hsa-mir-100 | ENSG00000207971 hsa-mir-125b-1 | ENSG00000198975 hsa-let-7a-2 | | |
| ACTTGGAAT | ENSG00000207585 hsa-mir-181d | | | | | |
| ACTTGGATC | ENSG00000199032 hsa-mir-425 | | | | | |
| ACTTGTGAG | ENSG00000207596 hsa-mir-194-2 | ENSG00000207648 hsa-mir-192 | | | | |
| ACTTGTGGC | ENSG00000199085 hsa-mir-148a | ENSG00000211590 hsa-mir-802 | | | | |
| ACTTGTGTTAC | ENSG00000207694 hsa-mir-1-2 | | | | | |
| ACTTGTGTTAG | ENSG00000207698 hsa-mir-32 | | | | | |
| ACTTGTGTTGA | ENSG00000207745 hsa-mir-17 | ENSG00000207610 hsa-mir-19a | ENSG00000199149 hsa-mir-20a | ENSG00000207797 hsa-mir-187 | | |
| ACTTTAAAT | ENSG00000207656 hsa-mir-489 | ENSG00000207726 hsa-mir-455 | | | | |
| ACTTTACAC | ENSG00000207717 hsa-mir-551b | | | | | |
| ACTTTATTC | ENSG00000207548 hsa-mir-217 | | | | | |
| ACTTTCACCT | ENSG00000207656 hsa-mir-489 | | | | | |
| ACTTTCACAC | ENSG00000211574 hsa-mir-770 | ENSG00000208001 hsa-mir-431 | ENSG00000199005 hsa-mir-370 | | | |
| | GTGGAAGT Xie: WGGAAAnW NF-AT | | | | | |
| ACTTTCAT | ENSG00000199085 hsa-mir-148a | | | | | |
| | ATGGAAGT Xie: WGGAAAnW NF-AT | | | | | |
| ACTTTCGCG | ENSG00000207777 hsa-mir-10a | | | | | |
| ACTTTCCTAT | ENSG00000199082 hsa-mir-342 | | | | | |

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| ACTTTGATC | ENSG00000207698 hsa-mir-32 | ENSG00000207827 hsa-mir-30a | ENSG00000199094 hsa-mir-30c-2 | | |
| ACTTTGATC | Xie:CTTTGA LEP1 | | | | |
| ACTTTGGCC | ENSG00000202569 hsa-mir-146b | | | | |
| ACTTTGTGC | ENSG00000199161 hsa-mir-126 | | | | |
| ACTTTTCCA | ENSG00000198973 hsa-mir-375 | | | | |
| AGAAAACGG | ENSG00000208009 hsa-mir-130a | | | | |
| AGAAAAGCG | ENSG00000211517 hsa-mir-671 | | | | |
| AGAAAACGCT | ENSG00000211590 hsa-mir-802 | | | | |
| AGAAAACGGC | ENSG00000207597 hsa-mir-490 | | | | |
| AGAAAACGGC | MATCH:V\$VMB_02 v-Myb | | | | |
| AGAAACTCA | ENSG00000208037 hsa-mir-320 | | | | |
| AGAAAGCGC | ENSG00000198984 hsa-mir-345 | ENSG00000207811 hsa-mir-34b | ENSG00000207562 hsa-mir-34c | ENSG00000199122 hsa-mir-148b | |
| AGAAAGTTC | ENSG00000207752 hsa-mir-199a-1 | | | | |
| GAACCTTCT | Xie:GAAnnWTCK HSF2 | | | | |
| AGAAATCTC | ENSG00000202569 hsa-mir-146b | | | | |
| AGAACAGAT | ENSG00000199053 hsa-mir-324 | ENSG00000199157 hsa-mir-208 | | | |
| AGAACCTCA | ENSG00000207692 hsa-mir-592 | ENSG00000207731 hsa-mir-506 | | | |
| AGAACCGCC | ENSG00000199038 hsa-mir-210 | ENSG00000211517 hsa-mir-671 | ENSG00000207695 hsa-mir-184 | | |
| AGAACTAAT | ENSG00000207745 hsa-mir-17 | ENSG00000207610 hsa-mir-19a | ENSG00000199149 hsa-mir-20a | | |
| AGAACTCCG | ENSG00000207649 hsa-mir-138-2 | | | | |
| AGAACTGCG | ENSG00000207732 hsa-mir-218-1 | | | | |
| AGAACTGTC | ENSG00000207950 hsa-mir-296 | ENSG00000207947 hsa-mir-152 | | | |
| AGAAACCGC | ENSG00000199053 hsa-mir-324 | ENSG00000207705 hsa-mir-129-1 | | | |
| AGAAAGCGAT | ENSG00000199122 hsa-mir-148b | | | | |
| AGAAAGCGCC | ENSG00000202609 hsa-mir-488 | | | | |
| AGAAAGCTAA | ENSG00000199082 hsa-mir-342 | | | | |
| AGAAAGGACG | ENSG00000207732 hsa-mir-218-1 | | | | |
| AGAAATAACT | ENSG00000199085 hsa-mir-148a | | | | |
| AGAAATAGCC | ENSG00000207950 hsa-mir-296 | | | | |
| AGAAATCCCC | ENSG00000207702 hsa-mir-211 | | | | |
| AGAAATCCCT | ENSG00000198986 hsa-let-7a-3 | ENSG00000207875 hsa-let-7b | | | |
| AGAAATCGCC | ENSG00000208024 hsa-mir-199a-2 | ENSG00000207949 hsa-mir-214 | | | |
| AGAAATGCTC | ENSG00000207819 hsa-mir-9-3 | | | | |
| AGAAATCTCT | ENSG00000199024 hsa-mir-103-2 | ENSG00000207731 hsa-mir-506 | | | |
| AGAAATTTCA | ENSG00000199121 hsa-mir-26b | | | | |
| AGACAAACC | ENSG00000207717 hsa-mir-551b | | | | |
| AGACAACTC | ENSG00000199082 hsa-mir-342 | | | | |
| AGACAAATGG | ENSG00000207638 hsa-mir-99a | ENSG00000207863 hsa-mir-125b-2 | ENSG00000207994 hsa-mir-100 | ENSG00000207971 hsa-mir-125b-1 | ENSG00000198975 hsa-let-7a-2 |
| AGACACCGG | ENSG00000207730 hsa-mir-200b | ENSG00000207607 hsa-mir-200a | ENSG00000198976 hsa-mir-429 | ENSG00000207739 hsa-mir-218-2 | |
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| AGACAGAGC | ENSG00000207947 hsa-mir-152 | | | | |
| AGACAGGGG | ENSG00000199043 hsa-mir-335 | ENSG00000199153 hsa-mir-30d | ENSG00000207582 hsa-mir-30b | | |
| AGACATCTG | ENSG00000207635 hsa-mir-499 | | | | |
| AGACCACAA | ENSG00000207939 hsa-mir-223 | | | | |
| AGACCACAA | Xie:ACCACA AML1 | | | | |
| AGACCACCC | ENSG00000199066 hsa-mir-330 | ENSG00000207751 hsa-mir-130b | ENSG00000211574 hsa-mir-770 | ENSG00000208001 hsa-mir-431 | ENSG00000199005 hsa-mir-370 |
| AGACCAAC | ENSG00000207955 hsa-mir-219-2 | | | | |
| AGACCGCCG | ENSG00000207732 hsa-mir-218-1 | | | | |
| AGACCGGAG | ENSG00000198973 hsa-mir-375 | ENSG00000198984 hsa-mir-345 | | | |
| AGACCGGGG | ENSG00000199104 hsa-mir-346 | ENSG00000207596 hsa-mir-194-2 | ENSG00000207648 hsa-mir-192 | | |
| AGACCTAGC | ENSG00000208035 hsa-mir-143 | | | | |
| AGACCTGAC | ENSG00000207585 hsa-mir-181d | | | | |
| AGACCTTTC | ENSG00000199059 hsa-mir-135b | | | | |
| AGACGCAGG | ENSG00000207953 hsa-mir-212 | | | | |
| AGACGCGGA | ENSG00000199032 hsa-mir-425 | | | | |
| AGACGCGGG | ENSG00000207739 hsa-mir-218-2 | | | | |
| AGACGGAAG | ENSG00000207695 hsa-mir-184 | | | | |
| AGACGTCAG | ENSG00000207630 hsa-mir-7-3 | | | | |
| AGACGTGAC | ENSG00000199130 hsa-mir-365-1 | | | | |
| AGACGTGGG | ENSG00000199161 hsa-mir-126 | | | | |
| AGACTAAAT | ENSG00000207597 hsa-mir-490 | ENSG00000207694 hsa-mir-1-2 | | | |
| AGACTACAA | ENSG00000198995 hsa-mir-340 | ENSG00000207694 hsa-mir-1-2 | | | |
| AGACTAGAT | ENSG00000199082 hsa-mir-342 | | | | |
| AGACTCACT | ENSG00000207744 hsa-mir-10b | | | | |
| AGACTCCCG | ENSG00000208037 hsa-mir-320 | | | | |
| AGACTGGAC | ENSG00000199036 hsa-mir-219-1 | | | | |
| AGACTTAGC | ENSG00000207731 hsa-mir-506 | | | | |
| AGACTTCAA | ENSG00000207623 hsa-mir-205 | | | | |
| AGACTTCAC | ENSG00000207695 hsa-mir-184 | ENSG00000207718 hsa-mir-15a | ENSG00000208006 hsa-mir-16-1 | | |
| AGACTTCCC | ENSG00000207585 hsa-mir-181d | | | | |
| AGACTTTAA | ENSG00000207726 hsa-mir-455 | | | | |
| AGAGACGGA | ENSG00000199023 hsa-mir-339 | ENSG00000207953 hsa-mir-212 | | | |
| AGAGATAAA | ENSG00000207809 hsa-mir-139 | | | | |
| AGAGATAAC | ENSG00000199090 hsa-mir-326 | ENSG00000199058 hsa-mir-302b | ENSG00000199169 hsa-mir-367 | ENSG00000199145 hsa-mir-302d | ENSG00000199102 hsa-mir-302c |
| AGAGATAGC | ENSG00000207602 hsa-mir-106a | ENSG00000207572 hsa-mir-363 | ENSG00000207710 hsa-mir-20b | ENSG00000207623 hsa-mir-205 | |
| AGAGATATC | ENSG00000207571 hsa-mir-615 | ENSG00000207624 hsa-mir-194-1 | ENSG00000207590 hsa-mir-215 | | |
| AGAGATCAC | ENSG00000199121 hsa-mir-26b | | | | |
| AGAGATCCT | ENSG00000207939 hsa-mir-223 | | | | |
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| AGAGATTAC | ENSG00000199088 hsa-mir-379 | ENSG00000207749 hsa-mir-299 | ENSG00000198982 hsa-mir-380 | ENSG00000199069 hsa-mir-323 | ENSG00000211582 hsa-mir-758 |
| | ENSG00000207743 hsa-mir-495 | ENSG00000199020 hsa-mir-381 | ENSG00000207754 hsa-mir-487b | ENSG00000202560 hsa-mir-539 | ENSG00000207993 hsa-mir-134 |
| | ENSG00000199107 hsa-mir-409 | ENSG00000199012 hsa-mir-412 | ENSG00000199025 hsa-mir-369 | ENSG00000199092 hsa-mir-410 | ENSG00000207961 hsa-mir-496 |
| AGAGCAAAC | ENSG00000207656 hsa-mir-489 | ENSG00000199130 hsa-mir-365-1 | | | ENSG00000199015 hsa-mir-377 |
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| GTTTGCTCT | Xie:TRTTTRYTYW HNF-3 | | | | |
| AGAGCAAAC | MATCH:V\$DBP_Q6 DBP | | | | |
| AGAGCCAAA | ENSG00000199157 hsa-mir-208 | ENSG00000199130 hsa-mir-365-1 | | | |
| AGAGCCAAT | ENSG00000207789 hsa-mir-26a-2 | | | | |
| AGAGCCGAT | ENSG00000199017 hsa-mir-1-1 | ENSG00000207764 hsa-mir-133a-2 | | | |
| AGAGCCTCG | ENSG00000199053 hsa-mir-324 | ENSG00000207744 hsa-mir-10b | | | |

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| AGCACGTGA | ENSG00000207950 hsa-mir-296 | | | |
| AGCACGTGA | Xie:SCACGTG MYC | | | |
| AGCAGCTTG | ENSG00000207617 hsa-mir-24-1 | ENSG00000208024 hsa-mir-199a-2 | ENSG00000207949 hsa-mir-214 | |
| AGCAGGCCA | ENSG00000207656 hsa-mir-489 | ENSG00000207744 hsa-mir-10b | ENSG00000208024 hsa-mir-199a-2 | ENSG00000207949 hsa-mir-214 |
| AGCAGGTAA | ENSG00000207623 hsa-mir-205 | ENSG00000207939 hsa-mir-223 | | |
| AGCAGGTAG | ENSG00000207596 hsa-mir-194-2 | ENSG00000207648 hsa-mir-192 | ENSG00000208005 hsa-mir-503 | ENSG00000207784 hsa-mir-542 |
| AGCAGTAAC | ENSG00000210741 hsa-mir-196a-1 | | | |
| AGCAGTTAA | ENSG00000199165 hsa-let-7a-1 | ENSG00000199072 hsa-let-7f-1 | ENSG00000199133 hsa-let-7d | |
| AGCAGTTCC | ENSG00000210741 hsa-mir-196a-1 | | | |
| AGCATACAT | ENSG00000198981 hsa-mir-29a | | | |
| ATGTATGCT | Xie:GtdTGCT DBP | | | |
| AGCATCACC | ENSG00000199032 hsa-mir-425 | ENSG00000207811 hsa-mir-34b | ENSG00000207562 hsa-mir-34c | |
| AGCATGCCC | ENSG00000199157 hsa-mir-208 | ENSG00000202641 hsa-mir-484 | | |
| AGCATGGAG | ENSG00000199065 hsa-mir-101-2 | | | |
| AGCATGGAT | ENSG00000198974 hsa-mir-30e | ENSG00000207962 hsa-mir-30c-1 | | |
| AGCATGGCA | ENSG00000207694 hsa-mir-1-2 | | | |
| AGCATGGCC | ENSG00000207948 hsa-mir-328 | ENSG00000207586 hsa-mir-135a-2 | | |
| AGCATGTCA | ENSG00000207725 hsa-mir-222 | ENSG00000207870 hsa-mir-221 | | |
| AGCATTAAT | ENSG00000199058 hsa-mir-302b | ENSG00000199169 hsa-mir-367 | ENSG00000199145 hsa-mir-302d | ENSG00000199102 hsa-mir-302c |
| AGCATTTGC | ENSG00000198973 hsa-mir-375 | | | |
| AGCCAAAAC | ENSG00000199130 hsa-mir-365-1 | | | |
| AGCCAAATG | ENSG00000202641 hsa-mir-484 | | | |
| AGCCAACAT | ENSG00000207954 hsa-mir-138-1 | | | |
| AGCCAACCA | ENSG00000207550 hsa-mir-99b | ENSG00000198972 hsa-let-7e | | |
| AGCCAAATTA | ENSG00000199130 hsa-mir-365-1 | | | |
| AGCCAAATTG | ENSG00000211517 hsa-mir-671 | | | |
| AGCCACATA | ENSG00000207581 hsa-mir-199b | | | |
| AGCCACGTG | ENSG00000207585 hsa-mir-181d | | | |
| AGCCACGTG | Xie:SCACGTG MYC | | | |
| AGCCAGTCA | ENSG00000207731 hsa-mir-506 | | | |
| AGCCATAAT | ENSG00000207797 hsa-mir-187 | | | |
| AGCCATCAT | ENSG00000199059 hsa-mir-135b | | | |
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| AGCCCATTA | ENSG00000207744 hsa-mir-10b | | | |
| AGCCCATTC | ENSG00000207713 hsa-mir-200c | ENSG00000207708 hsa-mir-141 | | |
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| AGCCCTTA | ENSG00000198973 hsa-mir-375 | | | |
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| AGCCTGCTA | ENSG00000199024 hsa-mir-103-2 | | | |
| AGCCTTATC | ENSG00000207739 hsa-mir-218-2 | | | |
| AGCCTTTAA | ENSG00000199122 hsa-mir-148b | | | |
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| AGCCTTTAT | ENSG00000199065 hsa-mir-101-2 | ENSG00000199082 hsa-mir-342 | | |
| AGCGAAAGC | ENSG00000199032 hsa-mir-425 | | | |
| AGCGAATTG | ENSG00000207751 hsa-mir-130b | | | |
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| AGCGACTCC | ENSG00000198973 hsa-mir-375 | | | |
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| AGCGCATGC | ENSG00000198995 hsa-mir-340 | | | |
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AGGATAAAC ENSG00000202609|hsa-mir-488 ENSG00000207548|hsa-mir-217
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AGGATAACT ENSG00000199130|hsa-mir-365-1 ENSG00000207694|hsa-mir-1-2
AGGATCAGA ENSG00000199135|hsa-mir-101-1
AGGATCTCA ENSG00000207581|hsa-mir-199b
AGGATGACA ENSG00000198986|hsa-let-7a-3 ENSG00000207875|hsa-let-7b
AGGATGACT ENSG00000199077|hsa-mir-129-2
AGGATGCAA ENSG00000202609|hsa-mir-488 ENSG00000207571|hsa-mir-615
AGGATGCCA ENSG00000207731|hsa-mir-506
AGGATGCGA ENSG00000199085|hsa-mir-148a
AGGATGTCC ENSG00000207792|hsa-mir-151

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| AGGTGAGTC | ENSG00000207602 hsa-mir-106a | ENSG00000207572 hsa-mir-363 | ENSG00000207710 hsa-mir-20b |
| AGGTGATGA | ENSG00000207752 hsa-mir-199a-1 | | |
| AGGTGATGC | ENSG00000199032 hsa-mir-425 | | |
| AGGTGATTA | ENSG00000199165 hsa-let-7a-1 | ENSG00000199072 hsa-let-7f-1 | ENSG00000199133 hsa-let-7d |
| AGGTGCAAG | ENSG00000207623 hsa-mir-205 | | |
| AGGTGCACA | ENSG00000202609 hsa-mir-488 | | |
| AGGTGCAGC | ENSG00000207692 hsa-mir-592 | | |
| AGGTGCATC | ENSG00000210741 hsa-mir-196a-1 | | |
| AGGTGGACT | ENSG00000207955 hsa-mir-219-2 | | |
| AGGTGGCGC | ENSG00000199043 hsa-mir-335 | | |
| AGGTGGCCG | ENSG00000199047 hsa-mir-378 | | |
| AGGTGGCTA | ENSG00000207777 hsa-mir-10a | | |
| AGGTGGTGC | ENSG00000207692 hsa-mir-592 | | |
| AGGTGGTTG | ENSG00000208037 hsa-mir-320 | | |
| AGGTGTCCAC | ENSG00000207797 hsa-mir-187 | | |
| AGGTGTCCG | ENSG00000207571 hsa-mir-615 | | |
| AGGTGTCTC | ENSG00000199161 hsa-mir-126 | ENSG00000207947 hsa-mir-152 | |
| AGGTGTGAC | ENSG00000207939 hsa-mir-223 | | |
| AGGTGTGCC | ENSG00000207550 hsa-mir-99b | ENSG00000198972 hsa-let-7e | |
| AGGTGTGTC | ENSG00000199059 hsa-mir-135b | ENSG00000207649 hsa-mir-138-2 | |
| AGGTGTAAA | ENSG00000207745 hsa-mir-17 | ENSG00000207610 hsa-mir-19a | ENSG00000199149 hsa-mir-20a |
| AGGTTAACC | ENSG00000207827 hsa-mir-30a | ENSG00000199094 hsa-mir-30c-2 | |
| AGGTTAGTG | ENSG00000207571 hsa-mir-615 | | |
| AGGTTCAAA | ENSG00000207705 hsa-mir-129-1 | | |
| TTTGAACCT | Xie: TGAMCTTTGMMCYT | HNF-4 | |
| AGGTTCCAC | ENSG00000199157 hsa-mir-208 | | |
| AGGTTCCCA | ENSG00000199130 hsa-mir-365-1 | | |
| AGGTTCTTG | ENSG00000207656 hsa-mir-489 | | |
| AGGTTGGCG | ENSG00000199038 hsa-mir-210 | | |
| AGGTTGTAA | ENSG00000207777 hsa-mir-10a | ENSG00000207995 hsa-mir-325 | |
| AGGTTTAAG | ENSG00000199077 hsa-mir-129-2 | | |
| AGTAAACAG | ENSG00000208024 hsa-mir-199a-2 | ENSG00000207949 hsa-mir-214 | |
| AGTAAACAG | Xie: CTWAWGTAAACAnWG | FREAC-4 | |
| AGTAAAGTC | ENSG00000207624 hsa-mir-194-1 | ENSG00000207590 hsa-mir-215 | ENSG00000207995 hsa-mir-325 |
| AGTAAATAA | ENSG00000207585 hsa-mir-181d | ENSG00000208037 hsa-mir-320 | ENSG00000211590 hsa-mir-802 |
| AGTAACAGG | ENSG00000207795 hsa-mir-155 | | |
| AGTAAGAAA | ENSG00000199065 hsa-mir-101-2 | | |
| AGTAAGAGG | ENSG00000207635 hsa-mir-499 | | |
| AGTAAGCAA | ENSG00000207721 hsa-mir-186 | | |
| AGTAAGGAG | ENSG00000207789 hsa-mir-26a-2 | ENSG00000207790 hsa-mir-29b-2 | ENSG00000207966 hsa-mir-29c |
| AGTAAGTGA | ENSG00000207638 hsa-mir-99a | ENSG00000207863 hsa-mir-125b-2 | |
| AGTAATGCA | ENSG00000199135 hsa-mir-101-1 | | |
| AGTAATTAG | ENSG00000207702 hsa-mir-211 | ENSG00000208005 hsa-mir-503 | ENSG00000207784 hsa-mir-542 |
| AGTAATTAG | Xie: GTAAKTnG NCX | | |
| AGTAATTGA | ENSG00000198974 hsa-mir-30e | ENSG00000207962 hsa-mir-30c-1 | |
| AGTACACAA | ENSG00000207790 hsa-mir-29b-2 | ENSG00000207966 hsa-mir-29c | |
| AGTACCAAT | ENSG00000207955 hsa-mir-219-2 | | |
| AGTACCATA | ENSG00000199071 hsa-mir-423 | | |
| AGTACCCCC | ENSG00000211563 hsa-mir-338 | | |
| AGTAGCTGG | ENSG00000207730 hsa-mir-200b | ENSG00000207607 hsa-mir-200a | ENSG00000198976 hsa-mir-429 |
| AGTAGCTTG | ENSG00000211590 hsa-mir-802 | | |
| AGTAGGAAC | ENSG00000207797 hsa-mir-187 | | |
| AGTAGGAAG | ENSG00000207604 hsa-mir-206 | ENSG00000199080 hsa-mir-133b | |
| AGTAGGACA | ENSG00000199065 hsa-mir-101-2 | | |
| AGTAGTGAC | ENSG00000207827 hsa-mir-30a | ENSG00000199094 hsa-mir-30c-2 | |
| AGTAGTGAG | ENSG00000207947 hsa-mir-152 | | |
| AGTAGTTTG | ENSG00000207795 hsa-mir-155 | | |
| AGTAGTTTG | Xie: KTWGTTT SRY | | |
| AGTATAAGG | ENSG00000207811 hsa-mir-34b | ENSG00000207562 hsa-mir-34c | |
| AGTATTTAT | ENSG00000208037 hsa-mir-320 | | |
| AGTCAAGAT | ENSG00000208024 hsa-mir-199a-2 | ENSG00000207949 hsa-mir-214 | |
| AGTCAAGGA | ENSG00000207950 hsa-mir-296 | | |
| AGTCAATTG | ENSG00000207745 hsa-mir-17 | ENSG00000207610 hsa-mir-19a | ENSG00000199149 hsa-mir-20a |
| AGTCAACCG | ENSG00000211517 hsa-mir-671 | | |
| AGTCAACGC | ENSG00000207567 hsa-mir-142 | ENSG00000207953 hsa-mir-212 | |
| AGTCAACGG | ENSG00000199077 hsa-mir-129-2 | ENSG00000207995 hsa-mir-325 | |
| AGTCAACGTG | ENSG00000199104 hsa-mir-346 | ENSG00000207571 hsa-mir-615 | |
| AGTCACTCG | ENSG00000207811 hsa-mir-34b | ENSG00000207562 hsa-mir-34c | |
| AGTCAGCAC | ENSG00000207732 hsa-mir-218-1 | ENSG00000207865 hsa-mir-34a | |
| AGTCAGCGC | ENSG00000208024 hsa-mir-199a-2 | ENSG00000207949 hsa-mir-214 | |
| AGTCATATG | ENSG00000207638 hsa-mir-99a | ENSG00000207863 hsa-mir-125b-2 | |
| AGTCATCCA | ENSG00000208005 hsa-mir-503 | ENSG00000207784 hsa-mir-542 | |
| AGTCATGAG | ENSG00000207933 hsa-mir-9-1 | | |
| AGTCATGGC | ENSG00000207638 hsa-mir-99a | ENSG00000207863 hsa-mir-125b-2 | |
| AGTCATGTG | ENSG00000207702 hsa-mir-211 | ENSG00000207926 hsa-mir-135a-1 | ENSG00000199135 hsa-mir-101-1 |
| AGTCATTAC | ENSG00000207731 hsa-mir-506 | | ENSG00000207586 hsa-mir-135a-2 |
| AGTCATTCC | ENSG00000207791 hsa-mir-497 | ENSG00000207929 hsa-mir-195 | ENSG00000198974 hsa-mir-30e |
| AGTCATTGG | ENSG00000199165 hsa-let-7a-1 | ENSG00000199072 hsa-let-7f-1 | ENSG00000199133 hsa-let-7d |
| AGTCATTTT | ENSG00000208037 hsa-mir-320 | | |
| AGTCATTTG | ENSG00000199065 hsa-mir-101-2 | | |
| AGTCCAAG | ENSG00000207751 hsa-mir-130b | ENSG00000207809 hsa-mir-139 | |
| AGTCCACAG | ENSG00000199066 hsa-mir-330 | | |
| AGTCCATAT | ENSG00000208024 hsa-mir-199a-2 | ENSG00000207949 hsa-mir-214 | |
| AGTCCCTTA | ENSG00000207947 hsa-mir-152 | | |
| AGTCCGAAA | ENSG00000211563 hsa-mir-338 | | |
| AGTCCTTAT | ENSG00000199036 hsa-mir-219-1 | ENSG00000210741 hsa-mir-196a-1 | |
| AGTCGCGCA | ENSG00000207744 hsa-mir-10b | | |
| AGTCGGCGC | ENSG00000207728 hsa-mir-449b | | |
| AGTCGGGCC | ENSG00000198984 hsa-mir-345 | ENSG00000207732 hsa-mir-218-1 | |
| AGTCGTGAG | ENSG00000211563 hsa-mir-338 | ENSG00000199122 hsa-mir-148b | |
| AGTCGTGTG | ENSG00000198995 hsa-mir-340 | | |

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| AGTTTCGGG | ENSG00000210741 hsa-mir-196a-1 | | | | |
| AGTTTGAAC | ENSG00000207705 hsa-mir-129-1 | | | | |
| AGTTTGCGC | ENSG00000207656 hsa-mir-489 | ENSG00000207726 hsa-mir-455 | | | |
| AGTTTGCTC | ENSG00000207656 hsa-mir-489 | ENSG00000199130 hsa-mir-365-1 | | | |
| AGTTTGCTC | Xie:GTDGCT DBP | | | | |
| AGTTTGCTC | MATCH:V\$DBP_Q6 DBP | | | | |
| AGTTTGGAC | ENSG00000198974 hsa-mir-30e | ENSG00000207962 hsa-mir-30c-1 | | | |
| AGTTTGGGC | ENSG00000207791 hsa-mir-497 | ENSG00000207929 hsa-mir-195 | ENSG00000199130 hsa-mir-365-1 | | |
| ATAAAAAGC | ENSG00000208017 hsa-mir-140 | | | | |
| ATAAACGCG | ENSG00000199122 hsa-mir-148b | ENSG00000207797 hsa-mir-187 | | | |
| ATAAAAGCC | ENSG00000207953 hsa-mir-212 | | | | |
| ATAAAAGCG | ENSG00000207630 hsa-mir-7-3 | | | | |
| ATAAAAGGC | ENSG00000207568 hsa-mir-203 | ENSG00000207618 hsa-mir-144 | ENSG00000207794 hsa-mir-451 | | |
| ATAAAAGGG | ENSG00000207635 hsa-mir-499 | | | | |
| ATAAAAGTC | ENSG00000207630 hsa-mir-7-3 | | | | |
| ATAACAAG | ENSG00000207585 hsa-mir-181d | | | | |
| ATAACAAG | Xie:RWAAACA FOXO1 | | | | |
| ATAAACTTA | ENSG00000207548 hsa-mir-217 | | | | |
| ATAAGAAG | ENSG00000207950 hsa-mir-296 | | | | |
| ATAAGCCC | ENSG00000207581 hsa-mir-199b | ENSG00000199135 hsa-mir-101-1 | | | |
| ATAAGGGG | ENSG00000207728 hsa-mir-449b | | | | |
| ATAAGTCC | ENSG00000207695 hsa-mir-184 | | | | |
| ATAAGTTC | ENSG00000207651 hsa-mir-28 | | | | |
| ATAATACA | ENSG00000199077 hsa-mir-129-2 | | | | |
| ATAATAGA | ENSG00000199058 hsa-mir-302b | ENSG00000199169 hsa-mir-367 | ENSG00000199145 hsa-mir-302d | ENSG00000199102 hsa-mir-302c | |
| ATAATAGC | ENSG00000202641 hsa-mir-484 | ENSG00000207721 hsa-mir-186 | | | |
| ATAATATG | ENSG00000207728 hsa-mir-449b | | | | |
| ATAATCAA | ENSG00000207581 hsa-mir-199b | | | | |
| ATAATCAA | Xie:hWAAATCAATAW HNF-6 | | | | |
| ATAATCAG | ENSG00000207698 hsa-mir-32 | | | | |
| ATAATCCC | ENSG00000207586 hsa-mir-135a-2 | ENSG00000207721 hsa-mir-186 | | | |
| ATAATTAT | ENSG00000207728 hsa-mir-449b | | | | |
| ATAATTAT | Xie:GCATAAWTTAT POU6F1 | | | | |
| ATAATTAT | Xie:GCATAAWTTAT POU6F1 | | | | |
| ATAATTCC | ENSG00000202569 hsa-mir-146b | | | | |
| ATAACATTG | ENSG00000207649 hsa-mir-138-2 | ENSG00000207718 hsa-mir-15a | ENSG00000208006 hsa-mir-16-1 | | |
| ATAACCAAG | ENSG00000199165 hsa-let-7a-1 | ENSG00000199072 hsa-let-7f-1 | ENSG00000199133 hsa-let-7d | ENSG00000207790 hsa-mir-29b-2 | ENSG00000207966 hsa-mir-29c |
| ATAACTACC | ENSG00000199085 hsa-mir-148a | | | | |
| ATAACTTCA | ENSG00000199065 hsa-mir-101-2 | ENSG00000208005 hsa-mir-503 | ENSG00000207784 hsa-mir-542 | | |
| ATAACTTGG | ENSG00000207596 hsa-mir-194-2 | ENSG00000207648 hsa-mir-192 | | | |
| ATAAGACCA | ENSG00000199165 hsa-let-7a-1 | ENSG00000199072 hsa-let-7f-1 | ENSG00000199133 hsa-let-7d | | |
| ATAAGAGGG | ENSG00000199077 hsa-mir-129-2 | | | | |
| ATAAGCAAC | ENSG00000199065 hsa-mir-101-2 | | | | |
| ATAAGGAAA | ENSG00000207728 hsa-mir-449b | | | | |
| ATAAGGCAT | ENSG00000207721 hsa-mir-186 | | | | |
| ATAAGGCTG | ENSG00000207790 hsa-mir-29b-2 | ENSG00000207966 hsa-mir-29c | | | |
| ATAAGGGAG | ENSG00000207571 hsa-mir-615 | | | | |
| ATAAGGTTA | ENSG00000208005 hsa-mir-503 | ENSG00000207784 hsa-mir-542 | | | |
| ATAATAGTA | ENSG00000199165 hsa-let-7a-1 | ENSG00000199072 hsa-let-7f-1 | ENSG00000199133 hsa-let-7d | | |
| ATAATACC | ENSG00000199165 hsa-let-7a-1 | ENSG00000199072 hsa-let-7f-1 | ENSG00000199133 hsa-let-7d | | |
| ATAATTAGA | ENSG00000199077 hsa-mir-129-2 | | | | |
| TCTAATTAT | Xie:CYAATTWT HOXA4 | | | | |
| ATAATTCAT | ENSG00000208017 hsa-mir-140 | | | | |
| ATAATTGAG | ENSG00000207702 hsa-mir-211 | ENSG00000207602 hsa-mir-106a | ENSG00000207572 hsa-mir-363 | ENSG00000207710 hsa-mir-20b | |
| ATAATTGGC | ENSG00000199122 hsa-mir-148b | ENSG00000199130 hsa-mir-365-1 | | | |
| GCCAATTAT | Xie:CYAATTWT HOXA4 | | | | |
| ATAATTTGA | ENSG00000207811 hsa-mir-34b | ENSG00000207562 hsa-mir-34c | | | |
| ATACAACAG | ENSG00000207717 hsa-mir-551b | | | | |
| ATACATCAC | ENSG00000207692 hsa-mir-592 | | | | |
| ATACATTCC | ENSG00000199058 hsa-mir-302b | ENSG00000199169 hsa-mir-367 | ENSG00000199145 hsa-mir-302d | ENSG00000199102 hsa-mir-302c | |
| ATACCACCC | ENSG00000199038 hsa-mir-210 | | | | |
| ATACCCCTA | ENSG00000199059 hsa-mir-135b | | | | |
| ATACCTGTC | ENSG00000207994 hsa-mir-100 | ENSG00000207971 hsa-mir-125b-1 | ENSG00000198975 hsa-let-7a-2 | | |
| ATACCTTAC | ENSG00000199071 hsa-mir-423 | | | | |
| ATACTGACA | ENSG00000207950 hsa-mir-296 | | | | |
| ATACTGCAG | ENSG00000207827 hsa-mir-30a | ENSG00000199094 hsa-mir-30c-2 | | | |
| ATACTGGGG | ENSG00000207581 hsa-mir-199b | ENSG00000208024 hsa-mir-199a-2 | ENSG00000207949 hsa-mir-214 | | |
| ATAGAGACG | ENSG00000211517 hsa-mir-671 | | | | |
| ATAGAGATG | ENSG00000202569 hsa-mir-146b | ENSG00000207586 hsa-mir-135a-2 | | | |
| ATAGAGTCA | ENSG00000207571 hsa-mir-615 | | | | |
| ATAGATTTC | ENSG00000207795 hsa-mir-155 | | | | |
| ATAGCCTTG | ENSG00000207567 hsa-mir-142 | | | | |
| ATAGCTGAG | ENSG00000199032 hsa-mir-425 | ENSG00000207819 hsa-mir-9-3 | | | |
| ATAGGAATC | ENSG00000199071 hsa-mir-423 | | | | |
| ATAGGACAA | ENSG00000202609 hsa-mir-488 | | | | |
| ATAGGCCAG | ENSG00000207623 hsa-mir-205 | | | | |
| ATAGGCTGC | ENSG00000199065 hsa-mir-101-2 | ENSG00000202569 hsa-mir-146b | ENSG00000207713 hsa-mir-200c | ENSG00000207708 hsa-mir-141 | |
| ATAGGGGAG | ENSG00000207623 hsa-mir-205 | | | | |
| ATAGTGCA | ENSG00000207638 hsa-mir-99a | ENSG00000207863 hsa-mir-125b-2 | | | |
| ATAGTGGA | ENSG00000207571 hsa-mir-615 | | | | |
| ATAGTTGAT | ENSG00000207721 hsa-mir-186 | | | | |
| ATAGTTTAA | ENSG00000199059 hsa-mir-135b | | | | |
| ATATAAGGA | ENSG00000199043 hsa-mir-335 | ENSG00000207624 hsa-mir-194-1 | ENSG00000207590 hsa-mir-215 | | |
| ATATAAGGA | Xie:GnCCAWATAWGGM | SRF | | | |
| ATATAATTG | ENSG00000207597 hsa-mir-490 | | | | |
| ATATACCTG | ENSG00000207994 hsa-mir-100 | ENSG00000207971 hsa-mir-125b-1 | ENSG00000198975 hsa-let-7a-2 | ENSG00000210741 hsa-mir-196a-1 | |
| ATATAGGGC | ENSG00000207777 hsa-mir-10a | | | | |
| ATATATGGA | ENSG00000207994 hsa-mir-100 | ENSG00000207971 hsa-mir-125b-1 | ENSG00000198975 hsa-let-7a-2 | ENSG00000208024 hsa-mir-199a-2 | ENSG00000207949 hsa-mir-214 |
| ATATATGGA | Xie:GnCCAWATAWGGM | SRF | | | |
| TCCATATAT | Xie:GnCCAWATAWGGM | SRF | | | |
| ATATATGGG | ENSG00000208024 hsa-mir-199a-2 | ENSG00000207949 hsa-mir-214 | | | |

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|-----------|--------------------------------|--------------------------------|------------------------------|-------------------------------|------------------------------|-------------------------------|-------------------------------|
| ATCCAATCC | ENSG00000199088 hsa-mir-379 | ENSG00000207749 hsa-mir-299 | ENSG00000198982 hsa-mir-380 | ENSG00000199069 hsa-mir-323 | ENSG00000211582 hsa-mir-758 | ENSG00000207761 hsa-mir-329-1 | ENSG00000194717 hsa-mir-494 |
| | ENSG00000207743 hsa-mir-495 | ENSG00000199020 hsa-mir-381 | ENSG00000207754 hsa-mir-487b | ENSG00000202560 hsa-mir-539 | ENSG00000207993 hsa-mir-134 | ENSG00000207961 hsa-mir-496 | ENSG00000199015 hsa-mir-377 |
| | ENSG00000199107 hsa-mir-409 | ENSG00000199012 hsa-mir-412 | ENSG00000199025 hsa-mir-369 | ENSG00000199092 hsa-mir-410 | | | |
| ATCCAATCG | ENSG00000208017 hsa-mir-140 | | | | | | |
| ATCCAATGA | ENSG00000199165 hsa-let-7a-1 | ENSG00000199072 hsa-let-7f-1 | ENSG00000199133 hsa-let-7d | | | | |
| ATCCACGTG | ENSG00000207745 hsa-mir-17 | ENSG00000207610 hsa-mir-19a | ENSG00000199149 hsa-mir-20a | | | | |
| | ATCCACGTG Xie:SCACGTG MYC | | | | | | |
| ATCCACTAG | ENSG00000207732 hsa-mir-218-1 | | | | | | |
| ATCCAGACC | ENSG00000199058 hsa-mir-302b | ENSG00000199169 hsa-mir-367 | ENSG00000199145 hsa-mir-302d | ENSG00000199102 hsa-mir-302c | ENSG00000207604 hsa-mir-206 | ENSG00000199080 hsa-mir-133b | |
| ATCCAGATG | ENSG00000208005 hsa-mir-503 | ENSG00000207784 hsa-mir-542 | ENSG00000208009 hsa-mir-130a | | | | |
| ATCCAGCAT | ENSG00000198981 hsa-mir-29a | ENSG00000207604 hsa-mir-206 | ENSG00000199080 hsa-mir-133b | | | | |
| ATCCAGGTC | ENSG00000198987 hsa-mir-16-2 | | | | | | |
| ATCCAGTAC | ENSG00000207955 hsa-mir-219-2 | | | | | | |
| ATCCATCTA | ENSG00000202609 hsa-mir-488 | | | | | | |
| ATCCATGGC | ENSG00000207954 hsa-mir-138-1 | | | | | | |
| ATCCCAAAA | ENSG00000198987 hsa-mir-16-2 | ENSG00000207698 hsa-mir-32 | | | | | |
| ATCCCAACA | ENSG00000207567 hsa-mir-142 | ENSG00000199043 hsa-mir-335 | ENSG00000207692 hsa-mir-592 | ENSG00000207731 hsa-mir-506 | ENSG00000207995 hsa-mir-325 | | |
| ATCCCATGT | ENSG00000207630 hsa-mir-7-3 | | | | | | |
| ATCCCCAGA | ENSG00000207597 hsa-mir-490 | | | | | | |
| ATCCCCCTG | ENSG00000207935 hsa-mir-204 | | | | | | |
| ATCCCGGAA | ENSG00000199017 hsa-mir-1-1 | ENSG00000207764 hsa-mir-133a-2 | | | | | |
| ATCCCTCCG | ENSG00000199038 hsa-mir-210 | | | | | | |
| ATCCCTCGC | ENSG00000199038 hsa-mir-210 | | | | | | |
| ATCCCTGTG | ENSG00000199177 hsa-mir-31 | ENSG00000207744 hsa-mir-10b | | | | | |
| ATCCCTTAA | ENSG00000199172 hsa-mir-331 | | | | | | |
| ATCCCTTCA | ENSG00000198987 hsa-mir-16-2 | | | | | | |
| ATCCGCTCC | ENSG00000199165 hsa-let-7a-1 | ENSG00000199072 hsa-let-7f-1 | ENSG00000199133 hsa-let-7d | | | | |
| ATCCGGCGC | ENSG00000199065 hsa-mir-101-2 | ENSG00000207568 hsa-mir-203 | | | | | |
| ATCCGGCTC | ENSG00000199157 hsa-mir-208 | | | | | | |
| ATCCGGGAG | ENSG00000207726 hsa-mir-455 | ENSG00000199071 hsa-mir-423 | | | | | |
| ATCCGGGGA | ENSG00000207751 hsa-mir-130b | ENSG00000207819 hsa-mir-9-3 | | | | | |
| ATCCGGGGC | ENSG00000207596 hsa-mir-194-2 | ENSG00000207648 hsa-mir-192 | ENSG00000207777 hsa-mir-10a | | | | |
| ATCCGTTGG | ENSG00000207994 hsa-mir-100 | ENSG00000207971 hsa-mir-125b-1 | ENSG00000198975 hsa-let-7a-2 | | | | |
| ATCCATATG | ENSG00000207571 hsa-mir-615 | | | | | | |
| ATCCTGGCA | ENSG00000207623 hsa-mir-205 | | | | | | |
| ATCCTGTCA | ENSG00000207597 hsa-mir-490 | ENSG00000207698 hsa-mir-32 | | | | | |
| | TGACAGGAT Xie:TGACAG MEIS1 | | | | | | |
| ATCCTGTGA | ENSG00000207725 hsa-mir-222 | ENSG00000207870 hsa-mir-221 | | | | | |
| ATCCTTCCG | ENSG00000199024 hsa-mir-103-2 | | | | | | |
| ATCCTTGGG | ENSG00000207935 hsa-mir-204 | ENSG00000202609 hsa-mir-488 | ENSG00000207744 hsa-mir-10b | | | | |
| ATCCTTTTG | ENSG00000199135 hsa-mir-101-1 | | | | | | |
| ATCGATCTG | ENSG00000208005 hsa-mir-503 | ENSG00000207784 hsa-mir-542 | | | | | |
| ATCGCCCGG | ENSG00000207819 hsa-mir-9-3 | | | | | | |
| ATCGCCGCA | ENSG00000198987 hsa-mir-16-2 | | | | | | |
| ATCGCCTGC | ENSG00000208024 hsa-mir-199a-2 | ENSG00000207949 hsa-mir-214 | | | | | |
| ATCGCGGCC | ENSG00000207955 hsa-mir-219-2 | | | | | | |
| ATCGCGGGC | ENSG00000207935 hsa-mir-204 | | | | | | |
| ATCGCTTCA | ENSG00000207702 hsa-mir-211 | | | | | | |
| ATCGCGGGG | ENSG00000207739 hsa-mir-218-2 | | | | | | |
| ATCGGGGCG | ENSG00000207960 hsa-mir-153-2 | | | | | | |
| ATCGTCACC | ENSG00000199077 hsa-mir-129-2 | | | | | | |
| ATCTATAGC | ENSG00000207728 hsa-mir-449b | | | | | | |
| ATCTCACCA | ENSG00000207651 hsa-mir-28 | | | | | | |
| ATCTCATTA | ENSG00000207980 hsa-mir-23a | ENSG00000209707 hsa-mir-24-2 | ENSG00000207808 hsa-mir-27a | | | | |
| ATCTCCAAG | ENSG00000199053 hsa-mir-324 | ENSG00000199121 hsa-mir-26b | ENSG00000207618 hsa-mir-144 | ENSG00000207794 hsa-mir-451 | | | |
| ATCTCCACG | ENSG00000207585 hsa-mir-181d | ENSG00000207635 hsa-mir-499 | | | | | |
| ATCTCCGAC | ENSG00000207597 hsa-mir-490 | | | | | | |
| ATCTCCGGC | ENSG00000207955 hsa-mir-219-2 | | | | | | |
| ATCTCCTTG | ENSG00000207691 hsa-mir-183 | ENSG00000207990 hsa-mir-182 | ENSG00000199158 hsa-mir-96 | ENSG00000207705 hsa-mir-129-1 | ENSG00000198974 hsa-mir-30e | ENSG00000207962 hsa-mir-30c-1 | |
| ATCTCGCGC | ENSG00000207698 hsa-mir-32 | | | | | | |
| ATCTGACAA | ENSG00000207935 hsa-mir-204 | | | | | | |
| ATCTGACAG | ENSG00000207698 hsa-mir-32 | | | | | | |
| | ATCTGACAG Xie:TGACAG MEIS1 | | | | | | |
| ATCTGACAT | ENSG00000207695 hsa-mir-184 | | | | | | |
| ATCTGAGCC | ENSG00000207623 hsa-mir-205 | | | | | | |
| ATCTGAGTG | ENSG00000207950 hsa-mir-296 | ENSG00000199177 hsa-mir-31 | | | | | |
| ATCTGCAAC | ENSG00000202569 hsa-mir-146b | ENSG00000207731 hsa-mir-506 | | | | | |
| ATCTGCATA | ENSG00000207638 hsa-mir-99a | ENSG00000207863 hsa-mir-125b-2 | | | | | |
| ATCTGCATG | ENSG00000207638 hsa-mir-99a | ENSG00000207863 hsa-mir-125b-2 | | | | | |
| ATCTGCTGC | ENSG00000207691 hsa-mir-183 | ENSG00000207990 hsa-mir-182 | ENSG00000199158 hsa-mir-96 | | | | |
| ATCTGCTTA | ENSG00000207602 hsa-mir-106a | ENSG00000207572 hsa-mir-363 | ENSG00000207710 hsa-mir-20b | ENSG00000207790 hsa-mir-29b-2 | ENSG00000207966 hsa-mir-29c | | |
| ATCTGGAAC | ENSG00000207581 hsa-mir-199b | ENSG00000207752 hsa-mir-199a-1 | ENSG00000198974 hsa-mir-30e | ENSG00000207962 hsa-mir-30c-1 | | | |
| ATCTGGACC | ENSG00000207791 hsa-mir-497 | ENSG00000207929 hsa-mir-195 | | | | | |
| ATCTGGGTC | ENSG00000207649 hsa-mir-138-2 | | | | | | |
| ATCTGGTTC | ENSG00000207728 hsa-mir-449b | ENSG00000207995 hsa-mir-325 | | | | | |
| ATCTGTAGC | ENSG00000199071 hsa-mir-423 | | | | | | |
| ATCTGTGAG | ENSG00000207789 hsa-mir-26a-2 | ENSG00000207602 hsa-mir-106a | ENSG00000207572 hsa-mir-363 | ENSG00000207710 hsa-mir-20b | ENSG00000207604 hsa-mir-206 | ENSG00000199080 hsa-mir-133b | ENSG00000207624 hsa-mir-194-1 |
| | ENSG00000207590 hsa-mir-215 | | | | | | |
| ATCTGTGTC | ENSG00000207611 hsa-mir-149 | | | | | | |
| ATCTTCAAT | ENSG00000207624 hsa-mir-194-1 | ENSG00000207590 hsa-mir-215 | | | | | |
| ATCTTCAGC | ENSG00000207596 hsa-mir-194-2 | ENSG00000207648 hsa-mir-192 | ENSG00000199153 hsa-mir-30d | ENSG00000207582 hsa-mir-30b | | | |
| ATCTTCAGG | ENSG00000207939 hsa-mir-223 | | | | | | |
| ATCTTCCGG | ENSG00000208009 hsa-mir-130a | | | | | | |
| ATCTTGATG | ENSG00000199088 hsa-mir-379 | ENSG00000207749 hsa-mir-299 | ENSG00000198982 hsa-mir-380 | ENSG00000199069 hsa-mir-323 | ENSG00000211582 hsa-mir-758 | ENSG00000207761 hsa-mir-329-1 | ENSG00000194717 hsa-mir-494 |
| | ENSG00000207743 hsa-mir-495 | ENSG00000199020 hsa-mir-381 | ENSG00000207754 hsa-mir-487b | ENSG00000202560 hsa-mir-539 | ENSG00000207993 hsa-mir-134 | ENSG00000207961 hsa-mir-496 | ENSG00000199015 hsa-mir-377 |
| | ENSG00000199107 hsa-mir-409 | ENSG00000199012 hsa-mir-412 | ENSG00000199025 hsa-mir-369 | ENSG00000199092 hsa-mir-410 | | | |
| ATCTTGTTG | ENSG00000199153 hsa-mir-30d | ENSG00000207582 hsa-mir-30b | | | | | |
| ATCTTGTGA | ENSG00000207691 hsa-mir-183 | ENSG00000207990 hsa-mir-182 | ENSG00000199158 hsa-mir-96 | | | | |
| ATCTTGTGC | ENSG00000207791 hsa-mir-497 | ENSG00000207929 hsa-mir-195 | ENSG00000199058 hsa-mir-302b | ENSG00000199169 hsa-mir-367 | ENSG00000199145 hsa-mir-302d | ENSG00000199102 hsa-mir-302c | |
| ATCTTTGAC | ENSG00000207953 hsa-mir-212 | | | | | | |
| | ATCTTTGAC Xie:CTTTGA LEF1 | | | | | | |

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|------------|----------------------------------|--------------------------------|-------------------------------|------------------------------|
| ATCTTTTAG | ENSG00000199135 hsa-mir-101-1 | | | |
| ATGAAAGCC | ENSG00000208037 hsa-mir-320 | | | |
| ATGAAAGGG | ENSG00000207705 hsa-mir-129-1 | ENSG00000207792 hsa-mir-151 | | |
| ATGAAAGTC | ENSG00000207571 hsa-mir-615 | | | |
| ATGAAATCA | ENSG00000207596 hsa-mir-194-2 | ENSG00000207648 hsa-mir-192 | | |
| ATGAACCTC | ENSG00000199177 hsa-mir-31 | | | |
| ATGAAGCCC | ENSG00000207705 hsa-mir-129-1 | | | |
| ATGAAGGCG | ENSG00000207726 hsa-mir-455 | | | |
| ATGAAGGGC | ENSG00000199059 hsa-mir-135b | ENSG00000207777 hsa-mir-10a | | |
| ATGAAGGTC | ENSG00000198974 hsa-mir-30e | ENSG00000207962 hsa-mir-30c-1 | ENSG00000207717 hsa-mir-551b | |
| ATGAAGTCA | ENSG00000207939 hsa-mir-223 | | | |
| ATGAATCAC | ENSG00000207638 hsa-mir-99a | ENSG00000207863 hsa-mir-125b-2 | | |
| ATGAATCAG | ENSG00000207695 hsa-mir-184 | | | |
| ATGAATCTC | ENSG00000207955 hsa-mir-219-2 | | | |
| ATGAATGAG | ENSG00000198984 hsa-mir-345 | ENSG00000207953 hsa-mir-212 | | |
| ATGAATGGC | ENSG00000207950 hsa-mir-296 | ENSG00000207695 hsa-mir-184 | | |
| ATGAATTAG | ENSG00000207995 hsa-mir-325 | | | |
| ATGACAAAG | ENSG00000199077 hsa-mir-129-2 | | | |
| ATGACACAA | ENSG00000211590 hsa-mir-802 | | | |
| ATGACAGGG | ENSG00000207728 hsa-mir-449b | | | |
| ATGACAGGG | Xie: TGACAG MEIS1 | | | |
| ATGACCAAT | ENSG00000207624 hsa-mir-194-1 | ENSG00000207590 hsa-mir-215 | | |
| ATGACCCAA | ENSG00000207550 hsa-mir-99b | ENSG00000198972 hsa-let-7e | | |
| ATGACCCCA | ENSG00000207596 hsa-mir-194-2 | ENSG00000207648 hsa-mir-192 | ENSG00000207790 hsa-mir-29b-2 | ENSG00000207966 hsa-mir-29c |
| ATGACCTCC | ENSG00000207571 hsa-mir-615 | | | |
| ATGACCTCC | Xie: TGACCT ER | | | |
| ATGACGCCA | ENSG00000207581 hsa-mir-199b | | | |
| ATGACGCGC | ENSG00000207739 hsa-mir-218-2 | | | |
| ATGACGGGC | ENSG00000207777 hsa-mir-10a | | | |
| ATGACGTCA | ENSG00000207617 hsa-mir-24-1 | | | |
| ATGACGTCA | Xie: TGACGTMA CREB | | | |
| TGACGTCAT | Xie: TGACGTMA CREB | | | |
| ATGACTAAC | ENSG00000207548 hsa-mir-217 | | | |
| ATGAGCCGC | ENSG00000207953 hsa-mir-212 | | | |
| ATGAGCTAA | ENSG00000202609 hsa-mir-488 | | | |
| ATGAGCTCA | ENSG00000207791 hsa-mir-497 | ENSG00000207929 hsa-mir-195 | | |
| ATGAGCTCC | ENSG00000207795 hsa-mir-155 | | | |
| ATGAGCTGG | ENSG00000211590 hsa-mir-802 | | | |
| ATGAGCTTG | ENSG00000207623 hsa-mir-205 | ENSG00000208009 hsa-mir-130a | | |
| ATGAGGAGC | ENSG00000207702 hsa-mir-211 | | | |
| ATGAGGGCC | ENSG00000207702 hsa-mir-211 | | | |
| ATGAGGGGG | ENSG00000207980 hsa-mir-23a | ENSG00000209707 hsa-mir-24-2 | ENSG00000207808 hsa-mir-27a | |
| ATGAGGTAA | ENSG00000207624 hsa-mir-194-1 | ENSG00000207590 hsa-mir-215 | ENSG00000207630 hsa-mir-7-3 | |
| ATGAGGTCA | ENSG00000207705 hsa-mir-129-1 | | | |
| TGACCTCAT | Xie: TGACCT ER | | | |
| ATGAGGTGA | ENSG00000207651 hsa-mir-28 | | | |
| ATGAGTCAA | ENSG00000198973 hsa-mir-375 | | | |
| ATGAGTCAA | Xie: SRTGAGTCAnC BACH2 | | | |
| ATGAGTCAC | ENSG00000207731 hsa-mir-506 | | | |
| ATGAGTCAC | Xie: SRTGAGTCAnC BACH2 | | | |
| ATGAGTGAA | ENSG00000199135 hsa-mir-101-1 | ENSG00000207698 hsa-mir-32 | | |
| ATGAGTGGC | ENSG00000207571 hsa-mir-615 | ENSG00000207604 hsa-mir-206 | ENSG00000199080 hsa-mir-133b | |
| ATGAGTTCC | ENSG00000207744 hsa-mir-10b | | | |
| ATGATCTAA | ENSG00000199130 hsa-mir-365-1 | ENSG00000207624 hsa-mir-194-1 | ENSG00000207590 hsa-mir-215 | |
| ATGATGAAG | ENSG00000207939 hsa-mir-223 | | | |
| ATGATGTCA | ENSG00000198995 hsa-mir-340 | | | |
| ATGATTAAC | ENSG00000207745 hsa-mir-17 | ENSG00000207610 hsa-mir-19a | ENSG00000199149 hsa-mir-20a | |
| ATGATTAAC | Xie: GGTTAATnWTTAMC | HNF-1 | | |
| GTTAATCAT | Xie: GGTTAATnWTTAMC | HNF-1 | | |
| ATGATTGCA | ENSG00000207994 hsa-mir-100 | ENSG00000207971 hsa-mir-125b-1 | ENSG00000198975 hsa-let-7a-2 | |
| ATGCAAAAC | ENSG00000202641 hsa-mir-484 | | | |
| ATGCAAAAG | ENSG00000202641 hsa-mir-484 | | | |
| ATGCAAAAC | ENSG00000202569 hsa-mir-146b | ENSG00000207702 hsa-mir-211 | | |
| ATGCAAAATG | ENSG00000199038 hsa-mir-210 | | | |
| ATGCAAAATG | Xie: ATGCAAAATnA OCTAMER | | | |
| ATGCAATCC | ENSG00000207630 hsa-mir-7-3 | | | |
| ATGCAATCC | Xie: RTGCAATMCCC CHOP-C/EBPALPHA | | | |
| ATGCAATTC | ENSG00000207571 hsa-mir-615 | | | |
| ATGCACAGC | ENSG00000207809 hsa-mir-139 | ENSG00000207797 hsa-mir-187 | ENSG00000207954 hsa-mir-138-1 | |
| ATGCACATC | ENSG00000207732 hsa-mir-218-1 | ENSG00000207623 hsa-mir-205 | | |
| ATGCAGACC | ENSG00000207933 hsa-mir-9-1 | | | |
| ATGCAGCCA | ENSG00000207581 hsa-mir-199b | ENSG00000199135 hsa-mir-101-1 | ENSG00000207777 hsa-mir-10a | |
| ATGCAGTGC | ENSG00000207692 hsa-mir-592 | | | |
| ATGCCAAGC | ENSG00000207702 hsa-mir-211 | | | |
| ATGCCAGAC | ENSG00000207630 hsa-mir-7-3 | | | |
| ATGCCAGCA | ENSG00000207926 hsa-mir-135a-1 | | | |
| ATGCCAGTC | ENSG00000199017 hsa-mir-1-1 | ENSG00000207764 hsa-mir-133a-2 | | |
| ATGCCATCA | ENSG00000199058 hsa-mir-302b | ENSG00000199169 hsa-mir-367 | ENSG00000199145 hsa-mir-302d | ENSG00000199102 hsa-mir-302c |
| ATGCCCAAG | ENSG00000207702 hsa-mir-211 | | | |
| ATGCCCATC | ENSG00000199036 hsa-mir-219-1 | | | |
| ATGCCCTTC | ENSG00000202569 hsa-mir-146b | | | |
| ATGCCGGCC | ENSG00000208009 hsa-mir-130a | | | |
| ATGCCTAAT | ENSG00000207638 hsa-mir-99a | ENSG00000207863 hsa-mir-125b-2 | | |
| ATGCCCTGTA | ENSG00000207809 hsa-mir-139 | | | |
| ATGCCGAGC | ENSG00000207739 hsa-mir-218-2 | | | |
| ATGCCGAGG | ENSG00000199089 hsa-mir-202 | ENSG00000207926 hsa-mir-135a-1 | | |
| ATGCCCCAC | ENSG00000207638 hsa-mir-99a | ENSG00000207863 hsa-mir-125b-2 | ENSG00000207777 hsa-mir-10a | |
| ATGCCCGCC | ENSG00000207935 hsa-mir-204 | ENSG00000207955 hsa-mir-219-2 | | |
| ATGCCCGGG | ENSG00000199090 hsa-mir-326 | ENSG00000207792 hsa-mir-151 | | |
| ATGCCGCTCG | ENSG00000198995 hsa-mir-340 | | | |
| ATGCCGCCG | ENSG00000207953 hsa-mir-212 | | | |

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| ATTGTTTCAG | ENSG00000199153 hsa-mir-30d | ENSG00000207582 hsa-mir-30b | | | | | |
| ATTGTTTCAG | Xie:ATTGTT SOX-5 | | | | | | |
| ATTGTTCTG | ENSG00000207731 hsa-mir-506 | | | | | | |
| ATTGTTCTG | Xie:ATTGTT SOX-5 | | | | | | |
| ATTGTTGAC | ENSG00000207692 hsa-mir-592 | | | | | | |
| ATTGTTGAC | Xie:ATTGTT SOX-5 | | | | | | |
| ATTGTTGGA | ENSG00000207611 hsa-mir-149 | ENSG00000207955 hsa-mir-219-2 | ENSG00000198981 hsa-mir-29a | | | | |
| ATTGTTGGA | Xie:ATTGTT SOX-5 | | | | | | |
| ATTTAACCC | ENSG00000207694 hsa-mir-1-2 | ENSG00000207790 hsa-mir-29b-2 | ENSG00000207966 hsa-mir-29c | | | | |
| ATTTAAGGC | ENSG00000207571 hsa-mir-615 | | | | | | |
| ATTTAAGGG | ENSG00000207718 hsa-mir-15a | ENSG00000208006 hsa-mir-16-1 | | | | | |
| ATTTACAAC | ENSG00000207550 hsa-mir-99b | ENSG00000198972 hsa-let-7e | ENSG00000207596 hsa-mir-194-2 | ENSG00000207648 hsa-mir-192 | | | |
| ATTTACATC | ENSG00000207695 hsa-mir-184 | | | | | | |
| ATTTACTCC | ENSG00000199122 hsa-mir-148b | | | | | | |
| ATTTAGCAG | ENSG00000207939 hsa-mir-223 | | | | | | |
| ATTTAGGAC | ENSG00000208024 hsa-mir-199a-2 | ENSG00000207949 hsa-mir-214 | | | | | |
| ATTTAGGTC | ENSG00000207995 hsa-mir-325 | | | | | | |
| GACCTAAAT | Xie:TGACCTAnWTW RORALPHA2 | | | | | | |
| ATTTAGTAA | ENSG00000198981 hsa-mir-29a | ENSG00000207624 hsa-mir-194-1 | ENSG00000207590 hsa-mir-215 | | | | |
| ATTTAGTTC | ENSG00000199085 hsa-mir-148a | | | | | | |
| ATTTATCCC | ENSG00000199165 hsa-let-7a-1 | ENSG00000199072 hsa-let-7f-1 | ENSG00000199133 hsa-let-7d | | | | |
| ATTTATGCA | ENSG00000207728 hsa-mir-449b | | | | | | |
| ATTTATGTC | ENSG00000199153 hsa-mir-30d | ENSG00000207582 hsa-mir-30b | | | | | |
| ATTTATTGC | ENSG00000207728 hsa-mir-449b | | | | | | |
| ATTTATTTT | ENSG00000207548 hsa-mir-217 | | | | | | |
| ATTTCAAAC | ENSG00000211574 hsa-mir-770 | ENSG00000208001 hsa-mir-431 | ENSG00000199005 hsa-mir-370 | | | | |
| ATTTCAACA | ENSG00000208037 hsa-mir-320 | | | | | | |
| ATTTCACAA | ENSG00000207950 hsa-mir-296 | | | | | | |
| ATTTCAGCC | ENSG00000199043 hsa-mir-335 | ENSG00000199135 hsa-mir-101-1 | | | | | |
| ATTTCCATA | ENSG00000198995 hsa-mir-340 | | | | | | |
| ATTTCCAC | ENSG00000207568 hsa-mir-203 | | | | | | |
| ATTTCCCGC | ENSG00000207728 hsa-mir-449b | | | | | | |
| ATTTCCCGG | ENSG00000207695 hsa-mir-184 | | | | | | |
| ATTTCCGAA | ENSG00000207777 hsa-mir-10a | | | | | | |
| ATTTCCGGC | ENSG00000198973 hsa-mir-375 | | | | | | |
| ATTTCTAGA | ENSG00000199077 hsa-mir-129-2 | | | | | | |
| ATTTCTAGG | ENSG00000207939 hsa-mir-223 | | | | | | |
| ATTTCTGCC | ENSG00000207732 hsa-mir-218-1 | ENSG00000207809 hsa-mir-139 | | | | | |
| ATTTCTTGG | ENSG00000207649 hsa-mir-138-2 | | | | | | |
| ATTTGAACC | ENSG00000207994 hsa-mir-100 | ENSG00000207971 hsa-mir-125b-1 | ENSG00000198975 hsa-let-7a-2 | | | | |
| ATTTGAATG | ENSG00000207819 hsa-mir-9-3 | ENSG00000207548 hsa-mir-217 | | | | | |
| ATTTGAGGC | ENSG00000207692 hsa-mir-592 | ENSG00000207695 hsa-mir-184 | ENSG00000207954 hsa-mir-138-1 | | | | |
| ATTTGCACC | ENSG00000207995 hsa-mir-325 | | | | | | |
| ATTTGCAGC | ENSG00000207702 hsa-mir-211 | | | | | | |
| ATTTGCATA | ENSG00000199038 hsa-mir-210 | | | | | | |
| ATTTGCCCC | ENSG00000198973 hsa-mir-375 | ENSG00000211590 hsa-mir-802 | | | | | |
| ATTTGCTCC | ENSG00000199085 hsa-mir-148a | | | | | | |
| ATTTGCTGC | ENSG00000199043 hsa-mir-335 | ENSG00000208024 hsa-mir-199a-2 | ENSG00000207949 hsa-mir-214 | | | | |
| ATTTGGAAG | ENSG00000207635 hsa-mir-499 | | | | | | |
| ATTTGTGGC | ENSG00000207695 hsa-mir-184 | | | | | | |
| ATTTGTTAG | ENSG00000199065 hsa-mir-101-2 | ENSG00000207548 hsa-mir-217 | ENSG00000207694 hsa-mir-1-2 | | | | |
| ATTTGTTCA | ENSG00000199036 hsa-mir-219-1 | | | | | | |
| ATTTGTTCA | Xie:TRTTTRYTYW HNF-3 | | | | | | |
| ATTTTAAGG | ENSG00000199032 hsa-mir-425 | | | | | | |
| ATTTTACAG | ENSG00000199121 hsa-mir-26b | | | | | | |
| ATTTTCCGC | ENSG00000207731 hsa-mir-506 | | | | | | |
| ATTTTCCGC | Xie:AWTTTCC IY | | | | | | |
| ATTTTGACC | ENSG00000207954 hsa-mir-138-1 | | | | | | |
| ATTTTGCAA | ENSG00000207617 hsa-mir-24-1 | | | | | | |
| ATTTTGAGC | ENSG00000199165 hsa-let-7a-1 | ENSG00000199072 hsa-let-7f-1 | ENSG00000199133 hsa-let-7d | ENSG00000207602 hsa-mir-106a | ENSG00000207572 hsa-mir-363 | ENSG00000207710 hsa-mir-20b | |
| ATTTTTACC | ENSG00000207635 hsa-mir-499 | | | | | | |
| ATTTTTACC | Xie:GGTTAATnWTTAMC | HNF-1 | | | | | |
| ATTTTTAGC | ENSG00000199017 hsa-mir-1-1 | ENSG00000207764 hsa-mir-133a-2 | | | | | |
| ATTTTTGGC | ENSG00000199059 hsa-mir-135b | | | | | | |
| CAAAAATGG | ENSG00000207567 hsa-mir-142 | | | | | | |
| CAAAAATTA | ENSG00000199059 hsa-mir-135b | | | | | | |
| CAAAACAGG | ENSG00000198987 hsa-mir-16-2 | | | | | | |
| CAAAACCAC | ENSG00000202609 hsa-mir-488 | | | | | | |
| CAAAACCCC | ENSG00000207604 hsa-mir-206 | ENSG00000199080 hsa-mir-133b | ENSG00000207777 hsa-mir-10a | | | | |
| CAAAAGGCC | ENSG00000199024 hsa-mir-103-2 | ENSG00000199058 hsa-mir-302b | ENSG00000199169 hsa-mir-367 | ENSG00000199145 hsa-mir-302d | ENSG00000199102 hsa-mir-302c | | |
| CAAAAGTGA | ENSG00000207827 hsa-mir-30a | ENSG00000199094 hsa-mir-30c-2 | | | | | |
| CAAAATAGC | Xie:GGTTTCRCRTTTS | IRF-1 | | | | | |
| CAAAATGTC | ENSG00000207789 hsa-mir-26a-2 | | | | | | |
| CAAAATGTC | ENSG00000199043 hsa-mir-335 | ENSG00000207725 hsa-mir-222 | ENSG00000207870 hsa-mir-221 | | | | |
| CAAAACAGAC | ENSG00000211574 hsa-mir-770 | ENSG00000208001 hsa-mir-431 | ENSG00000199005 hsa-mir-370 | | | | |
| CAAAACAGCA | ENSG00000207585 hsa-mir-181d | | | | | | |
| CAAAACATGG | ENSG00000207791 hsa-mir-497 | ENSG00000207929 hsa-mir-195 | | | | | |
| CAAAACACC | ENSG00000207790 hsa-mir-29b-2 | ENSG00000207966 hsa-mir-29c | | | | | |
| CAAAACACC | Xie:GGGKGTGGGG | RREB-1 | | | | | |
| CAAAACAGA | ENSG00000199121 hsa-mir-26b | ENSG00000207691 hsa-mir-183 | ENSG00000207990 hsa-mir-182 | ENSG00000199158 hsa-mir-96 | | | |
| CAAAACCCG | ENSG00000199032 hsa-mir-425 | | | | | | |
| CAAAACCCGA | ENSG00000207730 hsa-mir-200b | ENSG00000207607 hsa-mir-200a | ENSG00000198976 hsa-mir-429 | | | | |
| CAAAACCTGA | ENSG00000207596 hsa-mir-194-2 | ENSG00000207648 hsa-mir-192 | | | | | |
| CAAAACCTGC | ENSG00000207705 hsa-mir-129-1 | | | | | | |
| CAAAACCTTG | ENSG00000208035 hsa-mir-143 | | | | | | |
| CAAACTCTA | ENSG00000207745 hsa-mir-17 | ENSG00000207610 hsa-mir-19a | ENSG00000199149 hsa-mir-20a | | | | |
| CAAACTGCG | ENSG00000207656 hsa-mir-489 | | | | | | |
| CAAACTTAC | ENSG00000207954 hsa-mir-138-1 | | | | | | |
| CAAACTTGC | ENSG00000207994 hsa-mir-100 | ENSG00000207971 hsa-mir-125b-1 | ENSG00000198975 hsa-let-7a-2 | | | | |
| CAAAAGAAC | ENSG00000207695 hsa-mir-184 | | | | | | |
| CAAAAGATGA | ENSG00000199077 hsa-mir-129-2 | | | | | | |

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|-----------|--------------------------------|--------------------------------|-------------------------------|------------------------------|
| CAATGGAGG | ENSG00000199065 hsa-mir-101-2 | ENSG00000207649 hsa-mir-138-2 | ENSG00000207795 hsa-mir-155 | |
| CAATGGCCC | ENSG00000199071 hsa-mir-423 | | | |
| CAATGGCCG | ENSG00000199038 hsa-mir-210 | | | |
| CAATGGGCG | ENSG00000208036 hsa-mir-106b | ENSG00000207547 hsa-mir-25 | ENSG00000207757 hsa-mir-93 | ENSG00000207597 hsa-mir-490 |
| CAATGGGGC | ENSG00000207739 hsa-mir-218-2 | | | |
| CAATGGTCA | ENSG00000207955 hsa-mir-219-2 | | | |
| CAATGTCAA | ENSG00000207586 hsa-mir-135a-2 | | | |
| CAATGTCA | ENSG00000199085 hsa-mir-148a | ENSG00000207586 hsa-mir-135a-2 | ENSG00000207939 hsa-mir-223 | |
| CAATGTCTA | ENSG00000202641 hsa-mir-484 | | | |
| CAATGTGAC | ENSG00000207717 hsa-mir-551b | ENSG00000211574 hsa-mir-770 | ENSG00000208001 hsa-mir-431 | ENSG00000199005 hsa-mir-370 |
| CAATTAAGA | ENSG00000211574 hsa-mir-770 | ENSG00000208001 hsa-mir-431 | ENSG00000199005 hsa-mir-370 | |
| | TCTTAATTG Xie:CWTAATTG NKX2-5 | | | |
| CAATTAAGG | ENSG00000207935 hsa-mir-204 | | | |
| | CCTTAATTG Xie:CWTAATTG NKX2-5 | | | |
| CAATTAATG | ENSG00000199177 hsa-mir-31 | | | |
| CAATTACAA | ENSG00000207692 hsa-mir-592 | | | |
| CAATTACCC | ENSG00000199043 hsa-mir-335 | | | |
| CAATTAGGA | ENSG00000207617 hsa-mir-24-1 | | | |
| CAATTAGGG | ENSG00000207702 hsa-mir-211 | | | |
| CAATTAGTC | ENSG00000207865 hsa-mir-34a | ENSG00000207995 hsa-mir-325 | | |
| CAATTCAAG | ENSG00000207586 hsa-mir-135a-2 | ENSG00000210741 hsa-mir-196a-1 | | |
| CAATTCAGG | ENSG00000199065 hsa-mir-101-2 | ENSG00000207721 hsa-mir-186 | | |
| CAATTCATG | ENSG00000207692 hsa-mir-592 | ENSG00000207725 hsa-mir-222 | ENSG00000207870 hsa-mir-221 | |
| CAATTCCAA | ENSG00000207571 hsa-mir-615 | | | |
| CAATTGCCA | ENSG00000207581 hsa-mir-199b | ENSG00000207939 hsa-mir-223 | | |
| CAATTGGA | ENSG00000207726 hsa-mir-455 | | | |
| CAATTGGA | ENSG00000207955 hsa-mir-219-2 | ENSG00000199122 hsa-mir-148b | | |
| CAATTTGAG | ENSG00000199058 hsa-mir-302b | ENSG00000199169 hsa-mir-367 | ENSG00000199145 hsa-mir-302d | ENSG00000199102 hsa-mir-302c |
| CACAAAGC | ENSG00000207611 hsa-mir-149 | | | |
| CACAAAGAC | ENSG00000199089 hsa-mir-202 | ENSG00000199090 hsa-mir-326 | ENSG00000207751 hsa-mir-130b | |
| CACAACACG | ENSG00000207811 hsa-mir-34b | ENSG00000207562 hsa-mir-34c | ENSG00000199130 hsa-mir-365-1 | |
| | CGTGTGTG Xie:TnYGTGTTKTG FAC1 | | | |
| CACAACAGC | ENSG00000207585 hsa-mir-181d | | | |
| CACAACAGG | ENSG00000199090 hsa-mir-326 | | | |
| CACAACCCG | ENSG00000199161 hsa-mir-126 | | | |
| CACAACGTC | ENSG00000199090 hsa-mir-326 | | | |
| CACAAGATC | ENSG00000207691 hsa-mir-183 | ENSG00000207990 hsa-mir-182 | ENSG00000199158 hsa-mir-96 | |
| CACAAGATG | ENSG00000199036 hsa-mir-219-1 | ENSG00000207791 hsa-mir-497 | ENSG00000207929 hsa-mir-195 | |
| CACAAGGCA | ENSG00000207585 hsa-mir-181d | | | |
| CACAAGGGC | ENSG00000207950 hsa-mir-296 | | | |
| CACAAGGGG | ENSG00000207649 hsa-mir-138-2 | ENSG00000207623 hsa-mir-205 | | |
| CACAAGTGG | ENSG00000211590 hsa-mir-802 | | | |
| CACAATCTC | ENSG00000207698 hsa-mir-32 | | | |
| CACAATGAC | ENSG00000207955 hsa-mir-219-2 | | | |
| CACAATGCA | ENSG00000207623 hsa-mir-205 | | | |
| CACAATGCC | ENSG00000199058 hsa-mir-302b | ENSG00000199169 hsa-mir-367 | ENSG00000199145 hsa-mir-302d | ENSG00000199102 hsa-mir-302c |
| CACAATGGA | ENSG00000198981 hsa-mir-29a | | | |
| CACAATGTC | ENSG00000198986 hsa-let-7a-3 | ENSG00000207875 hsa-let-7b | ENSG00000207656 hsa-mir-489 | |
| CACAATTAG | ENSG00000207995 hsa-mir-325 | | | |
| CACACAAAG | ENSG00000199090 hsa-mir-326 | | | |
| CACACATGG | ENSG00000207581 hsa-mir-199b | | | |
| CACACCGGG | ENSG00000207809 hsa-mir-139 | | | |
| CACACCTTA | ENSG00000199059 hsa-mir-135b | | | |
| CACACGCTC | ENSG00000207726 hsa-mir-455 | | | |
| CACACGTGA | ENSG00000199089 hsa-mir-202 | | | |
| CACACTAAA | ENSG00000207651 hsa-mir-28 | | | |
| CACAGACGG | ENSG00000199024 hsa-mir-103-2 | | | |
| CACAGCGCC | ENSG00000199122 hsa-mir-148b | | | |
| CACAGTAAC | ENSG00000198973 hsa-mir-375 | | | |
| CACATAATC | ENSG00000207994 hsa-mir-100 | ENSG00000207971 hsa-mir-125b-1 | ENSG00000198975 hsa-let-7a-2 | |
| CACATACGG | ENSG00000207586 hsa-mir-135a-2 | | | |
| CACATCACC | ENSG00000207691 hsa-mir-183 | ENSG00000207990 hsa-mir-182 | ENSG00000199158 hsa-mir-96 | |
| CACATCCCG | ENSG00000199066 hsa-mir-330 | | | |
| CACATCTGG | ENSG00000207752 hsa-mir-199a-1 | | | |
| CACATGCAA | ENSG00000199089 hsa-mir-202 | ENSG00000207731 hsa-mir-506 | | |
| CACATGGCA | ENSG00000202569 hsa-mir-146b | ENSG00000207702 hsa-mir-211 | | |
| CACATGGGC | ENSG00000207581 hsa-mir-199b | | | |
| CACATGGTG | ENSG00000199088 hsa-mir-379 | ENSG00000207749 hsa-mir-299 | ENSG00000198982 hsa-mir-380 | ENSG00000199069 hsa-mir-323 |
| | ENSG00000207743 hsa-mir-495 | ENSG00000199020 hsa-mir-381 | ENSG00000207754 hsa-mir-487b | ENSG00000202560 hsa-mir-539 |
| | ENSG00000199107 hsa-mir-409 | ENSG00000199012 hsa-mir-412 | ENSG00000199025 hsa-mir-369 | ENSG00000199092 hsa-mir-410 |
| | ENSG00000211574 hsa-mir-770 | ENSG00000208001 hsa-mir-431 | ENSG00000199005 hsa-mir-370 | |
| CACATGTGA | ENSG00000207731 hsa-mir-506 | | | |
| CACCAACCA | ENSG00000198986 hsa-let-7a-3 | ENSG00000207875 hsa-let-7b | | |
| CACCAATAG | ENSG00000199059 hsa-mir-135b | | | |
| CACCAATCA | ENSG00000199077 hsa-mir-129-2 | | | |
| CACCAATCC | ENSG00000207725 hsa-mir-222 | ENSG00000207870 hsa-mir-221 | | |
| CACCAATCG | ENSG00000207717 hsa-mir-551b | | | |
| CACCAATGA | ENSG00000199077 hsa-mir-129-2 | ENSG00000198987 hsa-mir-16-2 | ENSG00000207947 hsa-mir-152 | |
| CACCAATTA | ENSG00000207651 hsa-mir-28 | | | |
| CACCACGGC | ENSG00000199036 hsa-mir-219-1 | | | |
| CACCACTTC | ENSG00000207745 hsa-mir-17 | ENSG00000207610 hsa-mir-19a | ENSG00000199149 hsa-mir-20a | |
| CACCAGCAA | ENSG00000202641 hsa-mir-484 | ENSG00000207777 hsa-mir-10a | | |
| CACCAGGTG | ENSG00000207571 hsa-mir-615 | ENSG00000208005 hsa-mir-503 | ENSG00000207784 hsa-mir-542 | |
| | CACCAGGTG Xie:RnCAGGTG MYOD | | | |
| CACCATCGC | ENSG00000207550 hsa-mir-99b | ENSG00000198972 hsa-let-7e | | |
| CACCATCTG | ENSG00000211517 hsa-mir-671 | | | |
| CACCCTTCA | ENSG00000207618 hsa-mir-144 | ENSG00000207794 hsa-mir-451 | | |
| CACCGCACC | ENSG00000202641 hsa-mir-484 | | | |
| CACCGCCGC | ENSG00000207797 hsa-mir-187 | | | |
| | CACCGCCGC MATCH:V\$ETF_Q6 ETF | | | |
| CACCGCGTG | ENSG00000199121 hsa-mir-26b | | | |

| | | | | |
|------------|--------------------------------|--------------------------------|------------------------------|-----------------------------|
| CACCGGAAC | ENSG00000207789 hsa-mir-26a-2 | | | |
| CACCGGCTG | ENSG00000199071 hsa-mir-423 | | | |
| CACCGTCTG | ENSG00000207819 hsa-mir-9-3 | | | |
| CACCGTGGA | ENSG00000199090 hsa-mir-326 | | | |
| CACCTACCC | ENSG00000207585 hsa-mir-181d | ENSG00000208036 hsa-mir-106b | ENSG00000207547 hsa-mir-25 | ENSG00000207757 hsa-mir-93 |
| CACCTACTG | ENSG00000211574 hsa-mir-770 | ENSG00000208001 hsa-mir-431 | ENSG00000199005 hsa-mir-370 | |
| CACCTAGGG | ENSG00000207550 hsa-mir-99b | ENSG00000198972 hsa-let-7e | ENSG00000207630 hsa-mir-7-3 | |
| CACCTATAA | ENSG00000207571 hsa-mir-615 | | | |
| CACCTCATC | ENSG00000207651 hsa-mir-28 | | | |
| CACCTCCGG | ENSG00000207954 hsa-mir-138-1 | | | |
| CACCTGAAG | ENSG00000207623 hsa-mir-205 | ENSG00000207782 hsa-mir-150 | | |
| CACCTGACG | ENSG00000207732 hsa-mir-218-1 | | | |
| | CGTCAGGTG Xie:RnCAGGTG MYOD | | | |
| CACCTGAGG | ENSG00000199177 hsa-mir-31 | | | |
| CACCTGTTC | ENSG00000199036 hsa-mir-219-1 | | | |
| | GAACAGGTG Xie:RnCAGGTG MYOD | | | |
| CACCTTCCG | ENSG00000198995 hsa-mir-340 | | | |
| CACCTTGGA | ENSG00000207705 hsa-mir-129-1 | | | |
| CACCTTTAA | ENSG00000207819 hsa-mir-9-3 | | | |
| CACGACAAC | ENSG00000207726 hsa-mir-455 | | | |
| CACGAGGGG | ENSG00000198995 hsa-mir-340 | | | |
| CACGAGGGG | ENSG00000211574 hsa-mir-770 | ENSG00000208001 hsa-mir-431 | ENSG00000199005 hsa-mir-370 | |
| CACGACCCG | ENSG00000207726 hsa-mir-455 | | | |
| CACGCACCG | ENSG00000207955 hsa-mir-219-2 | | | |
| CACGCAGCC | ENSG00000199047 hsa-mir-378 | | | |
| CACGCATAC | ENSG00000199036 hsa-mir-219-1 | ENSG00000207702 hsa-mir-211 | | |
| CACGCATGC | ENSG00000198995 hsa-mir-340 | | | |
| CACGCCCAC | ENSG00000199066 hsa-mir-330 | ENSG00000199024 hsa-mir-103-2 | | |
| CACGCCCTA | ENSG00000207728 hsa-mir-449b | | | |
| CACGCCTTA | ENSG00000207728 hsa-mir-449b | | | |
| CACGCGCAC | ENSG00000198974 hsa-mir-30e | ENSG00000207962 hsa-mir-30c-1 | | |
| CACGCGGAA | ENSG00000199036 hsa-mir-219-1 | | | |
| CACGCGGAC | ENSG00000208037 hsa-mir-320 | | | |
| CACGCGGGA | ENSG00000207819 hsa-mir-9-3 | | | |
| CACGCGTCC | ENSG00000207819 hsa-mir-9-3 | ENSG00000208005 hsa-mir-503 | ENSG00000207784 hsa-mir-542 | |
| CACGCTCAC | ENSG00000207726 hsa-mir-455 | ENSG00000210741 hsa-mir-196a-1 | | |
| CACGCTGAG | ENSG00000207819 hsa-mir-9-3 | | | |
| CACGGACAG | ENSG00000199130 hsa-mir-365-1 | | | |
| CACGGCGCA | ENSG00000199047 hsa-mir-378 | | | |
| CACGGCTTC | ENSG00000207819 hsa-mir-9-3 | ENSG00000207953 hsa-mir-212 | | |
| CACGGGCCA | ENSG00000199121 hsa-mir-26b | ENSG00000199071 hsa-mir-423 | | |
| CACGGTCGG | ENSG00000199121 hsa-mir-26b | | | |
| CACGTCAAA | ENSG00000207581 hsa-mir-199b | | | |
| CACGTCAGA | ENSG00000207752 hsa-mir-199a-1 | | | |
| CACGTCCGG | ENSG00000207611 hsa-mir-149 | | | |
| CACGTGAGC | ENSG00000199089 hsa-mir-202 | ENSG00000207950 hsa-mir-296 | | |
| CACGTGATA | ENSG00000199122 hsa-mir-148b | | | |
| CACGTGGAG | ENSG00000207635 hsa-mir-499 | | | |
| | CTCCACGTG Xie:SCACGTG MYC | | | |
| CACGTGGCA | ENSG00000207745 hsa-mir-17 | ENSG00000207610 hsa-mir-19a | ENSG00000199149 hsa-mir-20a | |
| | TGCCACGTG Xie:SCACGTG MYC | | | |
| CACGTGGCG | ENSG00000208037 hsa-mir-320 | | | |
| | CGCCACGTG Xie:SCACGTG MYC | | | |
| CACGTGGTC | ENSG00000207950 hsa-mir-296 | | | |
| | GACCACGTG Xie:SCACGTG MYC | | | |
| CACGTGTGC | ENSG00000199089 hsa-mir-202 | | | |
| CACGTGTTC | ENSG00000199157 hsa-mir-208 | | | |
| CACGTTGAG | ENSG00000199122 hsa-mir-148b | | | |
| CACGTTGCA | ENSG00000207585 hsa-mir-181d | | | |
| CACGTTTCC | ENSG00000198984 hsa-mir-345 | ENSG00000207604 hsa-mir-206 | ENSG00000199080 hsa-mir-133b | |
| CACTAAAGC | ENSG00000208009 hsa-mir-130a | | | |
| CACTAAATA | ENSG00000199077 hsa-mir-129-2 | | | |
| CACTAACC | ENSG00000199122 hsa-mir-148b | | | |
| CACTAATCC | ENSG00000208017 hsa-mir-140 | | | |
| CACTAATTA | ENSG00000207702 hsa-mir-211 | ENSG00000207797 hsa-mir-187 | | |
| CACTAATTC | ENSG00000208005 hsa-mir-503 | ENSG00000207784 hsa-mir-542 | | |
| CACTACAGG | ENSG00000207792 hsa-mir-151 | | | |
| CACTAGAGG | ENSG00000207717 hsa-mir-551b | | | |
| CACTCACGA | ENSG00000211563 hsa-mir-338 | | | |
| CACTCAGTC | ENSG00000207732 hsa-mir-218-1 | ENSG00000207548 hsa-mir-217 | | |
| CACTCGGCC | ENSG00000207811 hsa-mir-34b | ENSG00000207562 hsa-mir-34c | | |
| | CATCTGGCC Xie:TbTGCAChCGGCC | MTF-1 | | |
| CACTCTGAC | ENSG00000207933 hsa-mir-9-1 | | | |
| CACTCTGGC | ENSG00000207948 hsa-mir-328 | | | |
| CACTGACGC | ENSG00000207953 hsa-mir-212 | | | |
| CACTGCATC | ENSG00000207692 hsa-mir-592 | | | |
| CACTGCCCTA | ENSG00000199085 hsa-mir-148a | ENSG00000207950 hsa-mir-296 | | |
| CACTGCGAA | ENSG00000198984 hsa-mir-345 | | | |
| CACTGCGGA | ENSG00000207819 hsa-mir-9-3 | | | |
| CACTGGAAC | ENSG00000211590 hsa-mir-802 | | | |
| CACTGGCTA | ENSG00000207819 hsa-mir-9-3 | ENSG00000207624 hsa-mir-194-1 | ENSG00000207590 hsa-mir-215 | |
| CACTGGGTA | ENSG00000207695 hsa-mir-184 | ENSG00000207795 hsa-mir-155 | | |
| CACTGTGCG | ENSG00000207947 hsa-mir-152 | | | |
| CACTGTTTA | ENSG00000207721 hsa-mir-186 | | | |
| | TAAACAGTG Xie:CTWAWGTAAACAnWG | FREAC-4 | | |
| CACTTAATC | ENSG00000207933 hsa-mir-9-1 | | | |
| | GATTAAGTG Xie:TYAAGTG NKX2-5 | | | |
| CACTTAGCA | ENSG00000207705 hsa-mir-129-1 | ENSG00000207745 hsa-mir-17 | ENSG00000207610 hsa-mir-19a | ENSG00000199149 hsa-mir-20a |
| CACTTATTA | ENSG00000207994 hsa-mir-100 | ENSG00000207971 hsa-mir-125b-1 | ENSG00000198975 hsa-let-7a-2 | |
| CACTTCCGC | ENSG00000207721 hsa-mir-186 | | | |
| | CACTTCCGC Xie:CANttCCS STAT1 | | | |

| GC | Xie: MGGAWGT | PEA3 | | | |
|------------|--------------------------------|--------------------------------|-------------------------------|-------------------------------|------------------------------|
| CACTTCGGG | ENSG00000208035 hsa-mir-143 | ENSG00000207623 hsa-mir-205 | | | |
| CACTTGTGA | ENSG00000199059 hsa-mir-135b | | | | |
| CACTTGTGG | ENSG00000211590 hsa-mir-802 | | | | |
| CACTTTAAA | ENSG00000207656 hsa-mir-489 | | | | |
| CACTTTAAC | ENSG00000199071 hsa-mir-423 | ENSG00000207725 hsa-mir-222 | ENSG00000207870 hsa-mir-221 | | |
| CACTTTTAC | ENSG00000207585 hsa-mir-181d | ENSG00000198974 hsa-mir-30e | ENSG00000207962 hsa-mir-30c-1 | | |
| CACTTTTAC | ENSG00000207656 hsa-mir-489 | | | | |
| CACTTTCCG | ENSG00000207602 hsa-mir-106a | ENSG00000207572 hsa-mir-363 | ENSG00000207710 hsa-mir-20b | | |
| CACTTTGAC | ENSG00000207586 hsa-mir-135a-2 | ENSG00000207933 hsa-mir-9-1 | | | |
| CACTTTGAC | Xie:CTTTGA | LEF1 | | | |
| CACTTTGTA | ENSG00000207692 hsa-mir-592 | | | | |
| CACTTTTGC | ENSG00000207827 hsa-mir-30a | ENSG00000199094 hsa-mir-30c-2 | | | |
| CAGAAATAG | ENSG00000207809 hsa-mir-139 | | | | |
| CAGAATGCC | ENSG00000207635 hsa-mir-499 | | | | |
| CAGACAATG | ENSG00000207638 hsa-mir-99a | ENSG00000207863 hsa-mir-125b-2 | | | |
| CAGACATAA | ENSG00000199153 hsa-mir-30d | ENSG00000207582 hsa-mir-30b | | | |
| CAGACATTC | ENSG00000199036 hsa-mir-219-1 | ENSG00000207752 hsa-mir-199a-1 | | | |
| CAGACGTCA | ENSG00000207630 hsa-mir-7-3 | | | | |
| CAGACGTGA | ENSG00000199161 hsa-mir-126 | | | | |
| CAGACTAAA | ENSG00000207694 hsa-mir-1-2 | | | | |
| CAGAGCGTC | ENSG00000207732 hsa-mir-218-1 | | | | |
| CAGAGCTCG | ENSG00000199104 hsa-mir-346 | | | | |
| CAGAGGGCC | ENSG00000207730 hsa-mir-200b | ENSG00000207607 hsa-mir-200a | ENSG00000198976 hsa-mir-429 | | |
| CAGATAACC | ENSG00000199165 hsa-let-7a-1 | ENSG00000199072 hsa-let-7f-1 | ENSG00000199133 hsa-let-7d | ENSG00000207623 hsa-mir-205 | |
| CAGATAAGC | ENSG00000207732 hsa-mir-218-1 | ENSG00000207604 hsa-mir-206 | ENSG00000199080 hsa-mir-133b | | |
| CAGATACAG | ENSG00000207635 hsa-mir-499 | | | | |
| CAGATAGGA | ENSG00000199058 hsa-mir-302b | ENSG00000199169 hsa-mir-367 | ENSG00000199145 hsa-mir-302d | ENSG00000199102 hsa-mir-302c | |
| CAGATATCA | ENSG00000207602 hsa-mir-106a | ENSG00000207572 hsa-mir-363 | ENSG00000207710 hsa-mir-20b | | |
| CAGATCAGC | ENSG00000198984 hsa-mir-345 | ENSG00000207948 hsa-mir-328 | | | |
| CAGATCTAG | ENSG00000207585 hsa-mir-181d | ENSG00000211590 hsa-mir-802 | | | |
| CAGATGGCC | ENSG00000207791 hsa-mir-497 | ENSG00000207929 hsa-mir-195 | | | |
| CAGATGTCA | ENSG00000198973 hsa-mir-375 | | | | |
| CAGATGTCC | ENSG00000208005 hsa-mir-503 | ENSG00000207784 hsa-mir-542 | | | |
| CAGATTAGC | ENSG00000207602 hsa-mir-106a | ENSG00000207572 hsa-mir-363 | ENSG00000207710 hsa-mir-20b | | |
| CAGATTTAC | ENSG00000199153 hsa-mir-30d | ENSG00000207582 hsa-mir-30b | ENSG00000207795 hsa-mir-155 | | |
| CAGCAATC | ENSG00000207702 hsa-mir-211 | | | | |
| CAGCAAGAC | ENSG00000198986 hsa-let-7a-3 | ENSG00000207875 hsa-let-7b | | | |
| CAGCAATGC | ENSG00000199047 hsa-mir-378 | ENSG00000207705 hsa-mir-129-1 | | | |
| CAGCAATTA | ENSG00000207618 hsa-mir-144 | ENSG00000207794 hsa-mir-451 | ENSG00000207935 hsa-mir-204 | | |
| CAGCACAAA | ENSG00000199161 hsa-mir-126 | | | | |
| CAGCACTCA | ENSG00000211574 hsa-mir-770 | ENSG00000208001 hsa-mir-431 | ENSG00000199005 hsa-mir-370 | | |
| CAGCACTCG | ENSG00000198986 hsa-let-7a-3 | ENSG00000207875 hsa-let-7b | | | |
| CAGCAGGTA | ENSG00000207623 hsa-mir-205 | | | | |
| CAGCATAAG | ENSG00000199085 hsa-mir-148a | | | | |
| CAGCATGCC | ENSG00000199053 hsa-mir-324 | ENSG00000202641 hsa-mir-484 | | | |
| CAGCATGTC | ENSG00000207865 hsa-mir-34a | | | | |
| CAGCCAACG | ENSG00000207732 hsa-mir-218-1 | | | | |
| CAGCCATCA | ENSG00000199059 hsa-mir-135b | | | | |
| CAGCCGAAA | ENSG00000207611 hsa-mir-149 | | | | |
| CAGCCGAAC | ENSG00000199032 hsa-mir-425 | ENSG00000208024 hsa-mir-199a-2 | ENSG00000207949 hsa-mir-214 | | |
| CAGCCGCGG | ENSG00000199032 hsa-mir-425 | ENSG00000199024 hsa-mir-103-2 | | | |
| CAGCCGTGA | ENSG00000199077 hsa-mir-129-2 | | | | |
| CAGCCCTATA | ENSG00000199065 hsa-mir-101-2 | ENSG00000207947 hsa-mir-152 | | | |
| CAGCCATATC | ENSG00000202569 hsa-mir-146b | | | | |
| CAGCCTTAC | ENSG00000207819 hsa-mir-9-3 | ENSG00000207602 hsa-mir-106a | ENSG00000207572 hsa-mir-363 | ENSG00000207710 hsa-mir-20b | |
| CAGCGACAC | ENSG00000207571 hsa-mir-615 | | | | |
| CAGCGCATA | ENSG00000208024 hsa-mir-199a-2 | ENSG00000207949 hsa-mir-214 | | | |
| CAGCGCCAA | ENSG00000207935 hsa-mir-204 | | | | |
| CAGCGCCAC | ENSG00000199043 hsa-mir-335 | | | | |
| CAGCGCCCG | ENSG00000199122 hsa-mir-148b | | | | |
| CAGCGGAAC | ENSG00000207744 hsa-mir-10b | | | | |
| CAGCGGCAC | ENSG00000208024 hsa-mir-199a-2 | ENSG00000207949 hsa-mir-214 | | | |
| CAGCGGGAA | ENSG00000207789 hsa-mir-26a-2 | | | | |
| CAGCGTGGA | ENSG00000207695 hsa-mir-184 | | | | |
| CAGCTAATC | ENSG00000207597 hsa-mir-490 | | | | |
| CAGCTAATG | ENSG00000207752 hsa-mir-199a-1 | ENSG00000207597 hsa-mir-490 | | | |
| CAGCTATAA | ENSG00000202609 hsa-mir-488 | | | | |
| CAGCTCCTA | ENSG00000199122 hsa-mir-148b | | | | |
| CAGCTGACA | ENSG00000199172 hsa-mir-331 | | | | |
| CAGCTGATA | ENSG00000199172 hsa-mir-331 | | | | |
| CAGCTGGTC | ENSG00000198981 hsa-mir-29a | ENSG00000207623 hsa-mir-205 | | | |
| CAGGACAAC | ENSG00000207790 hsa-mir-29b-2 | ENSG00000207966 hsa-mir-29c | | | |
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| CCACGTCAA | ENSG00000207581 hsa-mir-199b | ENSG00000208024 hsa-mir-199a-2 | ENSG00000207949 hsa-mir-214 | | |
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| CCACGTCAA | MATCH:V\$ATF6_01 ATF6 | | | | |
| CCACGTGAG | ENSG00000207752 hsa-mir-199a-1 | | | | |
| CTGACGTGG | Xie:TGACGTGG ATF6 | | | | |
| CCACGTGAG | MATCH:V\$ATF6_01 ATF6 | | | | |
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| CCACGTGAG | ENSG00000207950 hsa-mir-296 | | | | |
| CCACGTGAG | Xie:SCACGTG MYC | | | | |
| CCACGTGGA | ENSG00000207745 hsa-mir-17 | ENSG00000207610 hsa-mir-19a | ENSG00000199149 hsa-mir-20a | | |
| CCACGTGGA | Xie:SCACGTG MYC | | | | |
| TCCACGTGG | Xie:SCACGTG MYC | | | | |
| CCACGTGGC | ENSG00000207745 hsa-mir-17 | ENSG00000207610 hsa-mir-19a | ENSG00000199149 hsa-mir-20a | | |
| CCACGTGGC | Xie:SCACGTG MYC | | | | |
| GCCACGTGG | Xie:SCACGTG MYC | | | | |
| CCACGTGTC | ENSG00000207635 hsa-mir-499 | | | | |
| CCACGTGTC | Xie:SCACGTG MYC | | | | |
| CCACGTTTC | ENSG00000198984 hsa-mir-345 | ENSG00000207604 hsa-mir-206 | ENSG00000199080 hsa-mir-133b | | |
| CCACTACCG | ENSG00000207656 hsa-mir-489 | | | | |
| CCACTAGTC | ENSG00000207732 hsa-mir-218-1 | | | | |
| CCACTCACG | ENSG00000207585 hsa-mir-181d | ENSG00000211563 hsa-mir-338 | | | |
| CCACTGCGA | ENSG00000198984 hsa-mir-345 | | | | |
| CCACTTAGC | ENSG00000207745 hsa-mir-17 | ENSG00000207610 hsa-mir-19a | ENSG00000199149 hsa-mir-20a | | |
| CCACTTATA | ENSG00000207571 hsa-mir-615 | ENSG00000207586 hsa-mir-135a-2 | | | |
| CCAGAAGGC | ENSG00000207725 hsa-mir-222 | ENSG00000207870 hsa-mir-221 | | | |
| CCAGACACG | ENSG00000199047 hsa-mir-378 | | | | |
| CCAGACCAA | ENSG00000207730 hsa-mir-200b | ENSG00000207607 hsa-mir-200a | ENSG00000198976 hsa-mir-429 | | |
| CCAGAGTAA | ENSG00000207691 hsa-mir-183 | ENSG00000207990 hsa-mir-182 | ENSG00000199158 hsa-mir-96 | | |
| CCAGAGTCG | ENSG00000199036 hsa-mir-219-1 | | | | |
| CCAGAGTGC | ENSG00000207948 hsa-mir-328 | | | | |
| CCAGATAAA | ENSG00000207635 hsa-mir-499 | ENSG00000207789 hsa-mir-26a-2 | | | |
| CCAGATAAG | ENSG00000207732 hsa-mir-218-1 | | | | |
| CCAGATAGA | ENSG00000199058 hsa-mir-302b | ENSG00000199169 hsa-mir-367 | ENSG00000199145 hsa-mir-302d | ENSG00000199102 hsa-mir-302c | ENSG00000207731 hsa-mir-506 |
| CCAGATGCG | ENSG00000207752 hsa-mir-199a-1 | | | | |
| CCAGATGTC | ENSG00000198973 hsa-mir-375 | ENSG00000208005 hsa-mir-503 | ENSG00000207784 hsa-mir-542 | | |
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| CCAGCTAAA | ENSG00000207809 hsa-mir-139 | | | | |
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| CCAGGGTGC | ENSG00000207954 hsa-mir-138-1 | ENSG00000211574 hsa-mir-770 | ENSG00000208001 hsa-mir-431 | ENSG00000199005 hsa-mir-370 | |
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| CCAGTCAAG | ENSG00000202609 hsa-mir-488 | | | | |
| CCAGTGACC | ENSG00000198974 hsa-mir-30e | ENSG00000207962 hsa-mir-30c-1 | ENSG00000199071 hsa-mir-423 | ENSG00000207597 hsa-mir-490 | |
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| CCATAAATC | ENSG00000207586 hsa-mir-135a-2 | | | | |
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 ENSG00000207743|hsa-mir-495 ENSG00000199020|hsa-mir-381 ENSG00000207754|hsa-mir-487b ENSG00000202560|hsa-mir-539 ENSG00000207993|hsa-mir-134 ENSG00000207961|hsa-mir-496 ENSG00000199015|hsa-mir-377

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 CCTAAAGCC ENSG00000199130|hsa-mir-365-1
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 ENSG00000199107|hsa-mir-409 ENSG00000199012|hsa-mir-412 ENSG00000199025|hsa-mir-369 ENSG00000199092|hsa-mir-410
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 CCTATCAGC ENSG00000207571|hsa-mir-615 ENSG00000207995|hsa-mir-325
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 CCTCCCCGA ENSG00000207571|hsa-mir-615
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 CCTCCGGAA ENSG00000207585|hsa-mir-181d
 CCTCCGGCC ENSG00000207623|hsa-mir-205
 CCTCCGGGA ENSG00000207571|hsa-mir-615
 CCTCCGTAC ENSG00000207611|hsa-mir-149 ENSG00000207789|hsa-mir-26a-2 ENSG00000211563|hsa-mir-338
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 CCTCCGTGC ENSG00000211563|hsa-mir-338 ENSG00000207777|hsa-mir-10a
 CCTCCTTAC ENSG00000207789|hsa-mir-26a-2 ENSG00000207744|hsa-mir-10b
 CCTCGAAGG ENSG00000202641|hsa-mir-484
 CCTCGCCCA ENSG00000207797|hsa-mir-187
 CCTCGGTTA ENSG00000207614|hsa-mir-193a ENSG00000199187|hsa-mir-365-2
 CCTCTGACG ENSG00000207953|hsa-mir-212
 CCTCTTAAA ENSG00000207702|hsa-mir-211
 CCTCTTAAC ENSG00000202569|hsa-mir-146b ENSG00000207618|hsa-mir-144 ENSG00000207794|hsa-mir-451
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 CCTGAATAA ENSG00000202569|hsa-mir-146b
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| CCTGACAAG | ENSG00000199053 hsa-mir-324 | ENSG00000199059 hsa-mir-135b | | | |
| CCTGACGCA | ENSG00000199089 hsa-mir-202 | | | | |
| CCTGACGCG | ENSG00000199090 hsa-mir-326 | ENSG00000207732 hsa-mir-218-1 | | | |
| CCTGACTAC | ENSG00000207728 hsa-mir-449b | | | | |
| CCTGAGTTA | ENSG00000207586 hsa-mir-135a-2 | ENSG00000207717 hsa-mir-551b | ENSG00000207797 hsa-mir-187 | | |
| CCTGATAGC | ENSG00000210741 hsa-mir-196a-1 | | | | |
| CCTGATGGA | ENSG00000207797 hsa-mir-187 | | | | |
| CCTGATTTAA | ENSG00000207705 hsa-mir-129-1 | ENSG00000199088 hsa-mir-379 | ENSG00000207749 hsa-mir-299 | ENSG00000198982 hsa-mir-380 | ENSG00000199069 hsa-mir-323 |
| | ENSG00000194717 hsa-mir-494 | ENSG00000207743 hsa-mir-495 | ENSG00000199020 hsa-mir-381 | ENSG00000207754 hsa-mir-487b | ENSG00000202560 hsa-mir-539 |
| | ENSG00000199015 hsa-mir-377 | ENSG00000199107 hsa-mir-409 | ENSG00000199012 hsa-mir-412 | ENSG00000199025 hsa-mir-369 | ENSG00000207993 hsa-mir-134 |
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| CCTGATTCC | ENSG00000199071 hsa-mir-423 | ENSG00000202609 hsa-mir-488 | | | |
| CCTGCAAAAC | ENSG00000207698 hsa-mir-32 | | | | |
| CCTGCACAA | ENSG00000199065 hsa-mir-101-2 | ENSG00000207698 hsa-mir-32 | | | |
| CCTGCATTC | ENSG00000207751 hsa-mir-130b | | | | |
| CCTGCCAAA | ENSG00000199059 hsa-mir-135b | | | | |
| CCTGCCAAC | ENSG00000198981 hsa-mir-29a | | | | |
| CCTGCTAAG | ENSG00000198973 hsa-mir-375 | ENSG00000207728 hsa-mir-449b | | | |
| CCTGGCTTA | ENSG00000207604 hsa-mir-206 | ENSG00000199080 hsa-mir-133b | | | |
| CCTGGGATC | ENSG00000199066 hsa-mir-330 | | | | |
| CCTGGTGAG | ENSG00000198987 hsa-mir-16-2 | | | | |
| CCTGGTGCC | ENSG00000207571 hsa-mir-615 | | | | |
| CCTGGTTGC | ENSG00000207649 hsa-mir-138-2 | | | | |
| CCTGTCAAG | ENSG00000207782 hsa-mir-150 | | | | |
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| CCTGTCCGC | ENSG00000198995 hsa-mir-340 | | | | |
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| CCTGTGTAA | ENSG00000207790 hsa-mir-29b-2 | ENSG00000207966 hsa-mir-29c | | | |
| CCTGTGTAT | ENSG00000199036 hsa-mir-219-1 | | | | |
| CCTGTTCGG | ENSG00000207568 hsa-mir-203 | | | | |
| CCTGTTGCA | ENSG00000199085 hsa-mir-148a | ENSG00000207809 hsa-mir-139 | | | |
| CCTGTTCGC | ENSG00000207960 hsa-mir-153-2 | | | | |
| CCTGTTGGA | ENSG00000202569 hsa-mir-146b | | | | |
| CCTGTTTAC | ENSG00000207692 hsa-mir-592 | | | | |
| CCTGTTTAG | ENSG00000207692 hsa-mir-592 | | | | |
| CCTTAAAGC | ENSG00000207713 hsa-mir-200c | ENSG00000207708 hsa-mir-141 | | | |
| CCTTAAAGG | ENSG00000199172 hsa-mir-331 | | | | |
| CCTTAAATA | ENSG00000202569 hsa-mir-146b | | | | |
| CCTTAACAA | ENSG00000207726 hsa-mir-455 | | | | |
| CCTTAAGTA | ENSG00000199172 hsa-mir-331 | | | | |
| CCTTAATCC | ENSG00000207651 hsa-mir-28 | | | | |
| CCTTATAAG | ENSG00000207692 hsa-mir-592 | | | | |
| CCTTATCAG | ENSG00000207933 hsa-mir-9-1 | | | | |
| CCTTCAACA | ENSG00000199130 hsa-mir-365-1 | ENSG00000207597 hsa-mir-490 | | | |
| CCTTCAACC | ENSG00000199059 hsa-mir-135b | ENSG00000208037 hsa-mir-320 | | | |
| CCTTCAAGG | ENSG00000207935 hsa-mir-204 | | | | |
| CCTTCAACG | ENSG00000199161 hsa-mir-126 | ENSG00000207777 hsa-mir-10a | | | |
| CCTTCGCGC | ENSG00000207777 hsa-mir-10a | | | | |
| CCTTCTTCG | ENSG00000207596 hsa-mir-194-2 | ENSG00000207648 hsa-mir-192 | ENSG00000207777 hsa-mir-10a | | |
| CCTTGAAC | ENSG00000211590 hsa-mir-802 | | | | |
| CCTTGCCCA | ENSG00000207604 hsa-mir-206 | ENSG00000199080 hsa-mir-133b | | | |
| CCTTGCCGA | ENSG00000207732 hsa-mir-218-1 | | | | |
| CCTTGTCAA | ENSG00000207865 hsa-mir-34a | | | | |
| CCTTGTGAC | ENSG00000207725 hsa-mir-222 | ENSG00000207870 hsa-mir-221 | | | |
| CCTTGTGTC | ENSG00000207571 hsa-mir-615 | | | | |
| CCTTTAAGC | ENSG00000207827 hsa-mir-30a | ENSG00000199094 hsa-mir-30c-2 | | | |
| CCTTTATAA | ENSG00000207548 hsa-mir-217 | | | | |
| CCTTTATAC | ENSG00000207694 hsa-mir-1-2 | | | | |
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| CCTTTGACG | ENSG00000207581 hsa-mir-199b | | | | |
| | CCTTTGACG Xie: CTTTGA LEF1 | | | | |
| CCTTTGAGC | ENSG00000207939 hsa-mir-223 | ENSG00000207954 hsa-mir-138-1 | | | |
| | CCTTTGAGC Xie: CTTTGA LEF1 | | | | |
| CCTTTGATC | ENSG00000207980 hsa-mir-23a | ENSG00000209707 hsa-mir-24-2 | ENSG00000207808 hsa-mir-27a | ENSG00000207777 hsa-mir-10a | |
| | CCTTTGATC Xie: CTTTGA LEF1 | | | | |
| | GATCAAAGG Xie: WTCAAAGS TCF-4 | | | | |
| CCTTTGGAC | ENSG00000207809 hsa-mir-139 | | | | |
| CCTTTGTAG | ENSG00000198995 hsa-mir-340 | ENSG00000207597 hsa-mir-490 | | | |
| CCTTTGTGA | ENSG00000207635 hsa-mir-499 | | | | |
| CCTTTGTTA | ENSG00000199059 hsa-mir-135b | ENSG00000207604 hsa-mir-206 | ENSG00000199080 hsa-mir-133b | | |
| CCTTTTAAG | ENSG00000198984 hsa-mir-345 | ENSG00000199053 hsa-mir-324 | ENSG00000207791 hsa-mir-497 | ENSG00000207929 hsa-mir-195 | |
| CCTTTTATC | ENSG00000207618 hsa-mir-144 | ENSG00000207794 hsa-mir-451 | ENSG00000207635 hsa-mir-499 | | |
| CCTTTTGGA | ENSG00000207865 hsa-mir-34a | | | | |
| CCTTTTTCG | ENSG00000199130 hsa-mir-365-1 | | | | |
| CCTTTTTGA | ENSG00000208024 hsa-mir-199a-2 | ENSG00000207949 hsa-mir-214 | | | |
| CGAAACAAA | ENSG00000199071 hsa-mir-423 | | | | |
| | TTTGTTCG Xie: KTWGTTT SRY | | | | |
| CGAAACTCC | ENSG00000199161 hsa-mir-126 | | | | |
| CGAACACGC | ENSG00000207728 hsa-mir-449b | | | | |
| CGAACCCGA | ENSG00000199032 hsa-mir-425 | ENSG00000199104 hsa-mir-346 | | | |
| CGAACGGAA | ENSG00000198987 hsa-mir-16-2 | | | | |
| CGAAGCCGC | ENSG00000199104 hsa-mir-346 | ENSG00000207739 hsa-mir-218-2 | | | |
| CGAAGTGCA | ENSG00000207732 hsa-mir-218-1 | ENSG00000207623 hsa-mir-205 | | | |
| CGAAGTTTA | ENSG00000199023 hsa-mir-339 | ENSG00000208037 hsa-mir-320 | | | |
| CGAATACAA | ENSG00000199043 hsa-mir-335 | | | | |
| CGAATCCCC | ENSG00000199077 hsa-mir-129-2 | | | | |
| CGAATCTGC | ENSG00000207691 hsa-mir-183 | ENSG00000207990 hsa-mir-182 | ENSG00000199158 hsa-mir-96 | | |
| CGAATGAAG | ENSG00000207777 hsa-mir-10a | | | | |
| CGACAACCC | ENSG00000207726 hsa-mir-455 | | | | |
| CGACACGCC | ENSG00000208037 hsa-mir-320 | | | | |
| CGACAGCCA | ENSG00000207732 hsa-mir-218-1 | | | | |

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| CGACAGGAA | ENSG00000199077 hsa-mir-129-2 | | | |
| CGACAGGCG | ENSG00000207656 hsa-mir-489 | | | |
| CGACAGGTA | ENSG00000207717 hsa-mir-551b | | | |
| CGACCAACC | ENSG00000207811 hsa-mir-34b | ENSG00000207562 hsa-mir-34c | | |
| CGACCACTC | ENSG00000199085 hsa-mir-148a | | | |
| CGACCAGAA | ENSG00000199085 hsa-mir-148a | | | |
| CGACCAGCC | ENSG00000199017 hsa-mir-1-1 | ENSG00000207764 hsa-mir-133a-2 | | |
| CGACCCCCC | ENSG00000207585 hsa-mir-181d | ENSG00000207614 hsa-mir-193a | ENSG00000199187 hsa-mir-365-2 | |
| CGACCTGCC | ENSG00000207614 hsa-mir-193a | ENSG00000199187 hsa-mir-365-2 | | |
| CGACCTGGC | ENSG00000207614 hsa-mir-193a | ENSG00000199187 hsa-mir-365-2 | | |
| CGACCTTCA | ENSG00000198974 hsa-mir-30e | ENSG00000207962 hsa-mir-30c-1 | | |
| CGACGACCC | ENSG00000207751 hsa-mir-130b | | | |
| CGACGTCAG | ENSG00000207953 hsa-mir-212 | | | |
| CGACGTCAG | MATCH:V\$ATF6_01 ATF6 | | | |
| CGACGTGAC | ENSG00000207933 hsa-mir-9-1 | | | |
| CGACGTGTC | ENSG00000198973 hsa-mir-375 | | | |
| CGACTCCCA | ENSG00000207698 hsa-mir-32 | | | |
| CGACTCGCC | ENSG00000198987 hsa-mir-16-2 | | | |
| CGACTCTCC | ENSG00000199089 hsa-mir-202 | | | |
| CGACTTCCG | ENSG00000207791 hsa-mir-497 | ENSG00000207929 hsa-mir-195 | ENSG00000211563 hsa-mir-338 | |
| CGGAAGTCG | Xie:MGGAWGT PEA3 | | | |
| CGACTTCTC | ENSG00000199089 hsa-mir-202 | | | |
| CGAGACAAA | ENSG00000207550 hsa-mir-99b | ENSG00000198972 hsa-let-7e | | |
| CGAGACAGA | ENSG00000207730 hsa-mir-200b | ENSG00000207607 hsa-mir-200a | ENSG00000198976 hsa-mir-429 | |
| CGAGACAGC | ENSG00000207656 hsa-mir-489 | | | |
| CGAGACCCG | ENSG00000207617 hsa-mir-24-1 | | | |
| CGAGAGCAC | ENSG00000199043 hsa-mir-335 | | | |
| CGAGATCAC | ENSG00000208037 hsa-mir-320 | | | |
| CGAGCAAAG | ENSG00000207726 hsa-mir-455 | | | |
| CGAGCTCCA | ENSG00000199023 hsa-mir-339 | | | |
| CGAGGACAA | ENSG00000199032 hsa-mir-425 | | | |
| CGAGGCTCA | ENSG00000199089 hsa-mir-202 | | | |
| CGAGGTAC | ENSG00000198973 hsa-mir-375 | ENSG00000207732 hsa-mir-218-1 | | |
| GTGACCTCG | Xie:TGACCT ER | | | |
| CGAGGTGCG | ENSG00000202641 hsa-mir-484 | | | |
| CGAGTCACG | ENSG00000207571 hsa-mir-615 | | | |
| CGAGTGACA | ENSG00000207819 hsa-mir-9-3 | ENSG00000207939 hsa-mir-223 | | |
| CGAGTGAGA | ENSG00000207728 hsa-mir-449b | | | |
| CGATCCCCG | ENSG00000207611 hsa-mir-149 | | | |
| CGATCTGGC | ENSG00000198984 hsa-mir-345 | | | |
| CGATGGTGA | ENSG00000207550 hsa-mir-99b | ENSG00000198972 hsa-let-7e | | |
| CGATGTGTC | ENSG00000199161 hsa-mir-126 | | | |
| CGATTAGCG | ENSG00000199036 hsa-mir-219-1 | | | |
| CGATTCAAA | ENSG00000207795 hsa-mir-155 | | | |
| CGATTCAAC | ENSG00000199071 hsa-mir-423 | | | |
| CGATTCCCA | ENSG00000199071 hsa-mir-423 | | | |
| CGATTGGCC | ENSG00000207638 hsa-mir-99a | ENSG00000207863 hsa-mir-125b-2 | | |
| CGATTGGCC | Xie:YSATTGGYY NF-Y | | | |
| CGATTGTTA | ENSG00000199122 hsa-mir-148b | | | |
| CGATTGTTA | Xie:ATTGTT SOX-5 | | | |
| CGATTTAAA | ENSG00000207726 hsa-mir-455 | | | |
| CGATTTTAG | ENSG00000199077 hsa-mir-129-2 | | | |
| CGCAAAGCG | ENSG00000199085 hsa-mir-148a | | | |
| CGCAACAGC | ENSG00000199085 hsa-mir-148a | | | |
| CGCAATGAC | ENSG00000199065 hsa-mir-101-2 | | | |
| CGCACCTGA | ENSG00000199085 hsa-mir-148a | | | |
| CGCACGGGA | ENSG00000199036 hsa-mir-219-1 | | | |
| CGCACTGAC | ENSG00000207947 hsa-mir-152 | | | |
| CGCACTGCA | ENSG00000198986 hsa-let-7a-3 | ENSG00000207875 hsa-let-7b | | |
| CGCACTGGA | ENSG00000207819 hsa-mir-9-3 | ENSG00000207935 hsa-mir-204 | | |
| CGCACTTTC | ENSG00000199161 hsa-mir-126 | ENSG00000207744 hsa-mir-10b | | |
| CGCAGACTC | ENSG00000207744 hsa-mir-10b | | | |
| CGCAGCAGC | ENSG00000207792 hsa-mir-151 | | | |
| CGCAGCTGA | ENSG00000199038 hsa-mir-210 | | | |
| CGCAGGTAA | ENSG00000207614 hsa-mir-193a | ENSG00000199187 hsa-mir-365-2 | | |
| CGCAGGTAC | ENSG00000208005 hsa-mir-503 | ENSG00000207784 hsa-mir-542 | | |
| CGCAGGTGA | ENSG00000199038 hsa-mir-210 | | | |
| CGCAGGTGA | Xie:CAGGTGW AREB6 | | | |
| CGCAGGTGC | ENSG00000208017 hsa-mir-140 | | | |
| CGCAGGTTC | ENSG00000207705 hsa-mir-129-1 | | | |
| CGCAGTCAC | ENSG00000199104 hsa-mir-346 | ENSG00000207691 hsa-mir-183 | ENSG00000207990 hsa-mir-182 | ENSG00000199158 hsa-mir-96 |
| CGCATAGGA | ENSG00000207571 hsa-mir-615 | | | |
| CGCATGCCC | ENSG00000207792 hsa-mir-151 | | | |
| CGCATGGGC | ENSG00000207980 hsa-mir-23a | ENSG00000209707 hsa-mir-24-2 | ENSG00000207808 hsa-mir-27a | |
| CGCATGTGC | ENSG00000207795 hsa-mir-155 | | | |
| CGCATTCCA | ENSG00000207955 hsa-mir-219-2 | ENSG00000208035 hsa-mir-143 | | |
| CGCATTCCA | Xie:AnTTTCGnWTTCSnA | IRF-7 | | |
| CGCCAAAAC | ENSG00000199122 hsa-mir-148b | | | |
| CGCCAACTC | ENSG00000207739 hsa-mir-218-2 | ENSG00000207865 hsa-mir-34a | | |
| CGCCACCTA | ENSG00000207819 hsa-mir-9-3 | ENSG00000199043 hsa-mir-335 | | |
| CGCCACGTC | ENSG00000207819 hsa-mir-9-3 | | | |
| CGCCACTTC | ENSG00000207980 hsa-mir-23a | ENSG00000209707 hsa-mir-24-2 | ENSG00000207808 hsa-mir-27a | |
| CGCCAGACC | ENSG00000199090 hsa-mir-326 | | | |
| CGCCAGGTA | ENSG00000207953 hsa-mir-212 | | | |
| CGCCATCTC | ENSG00000199023 hsa-mir-339 | ENSG00000199065 hsa-mir-101-2 | ENSG00000207618 hsa-mir-144 | ENSG00000207794 hsa-mir-451 |
| CGCCATGGA | ENSG00000198995 hsa-mir-340 | ENSG00000207950 hsa-mir-296 | | |
| CGCCATGGC | ENSG00000207702 hsa-mir-211 | | | |
| CGCCATGTC | ENSG00000198974 hsa-mir-30e | ENSG00000207962 hsa-mir-30c-1 | | |
| CGCCATTTT | ENSG00000207731 hsa-mir-506 | | | |
| CGCCACAAA | ENSG00000207567 hsa-mir-142 | | | |
| CGCCACGGA | ENSG00000207726 hsa-mir-455 | ENSG00000207739 hsa-mir-218-2 | | |

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|------------|--------------------------------|--------------------------------|--------------------------------|-----------------------------|
| CGCCGCTAG | ENSG00000207792 hsa-mir-151 | | | |
| CGCCGGAAA | ENSG00000208005 hsa-mir-503 | ENSG00000207784 hsa-mir-542 | | |
| CGCCGGACG | ENSG00000207611 hsa-mir-149 | | | |
| CGCCGGATC | ENSG00000199065 hsa-mir-101-2 | | | |
| CGCCGGGAA | ENSG00000207695 hsa-mir-184 | | | |
| CGCCTATAA | ENSG00000207953 hsa-mir-212 | | | |
| CGCCTCAGA | ENSG00000207630 hsa-mir-7-3 | | | |
| CGCCTCCGC | ENSG00000207698 hsa-mir-32 | | | |
| CGCCTCTTA | ENSG00000207721 hsa-mir-186 | | | |
| CGCCTCTTC | ENSG00000207777 hsa-mir-10a | | | |
| CGCCTGACA | ENSG00000198995 hsa-mir-340 | | | |
| CGCCTGCTC | ENSG00000208024 hsa-mir-199a-2 | ENSG00000207949 hsa-mir-214 | ENSG00000210741 hsa-mir-196a-1 | |
| CGCCTTCCG | ENSG00000207617 hsa-mir-24-1 | | | |
| CGCCTTTGA | ENSG00000207777 hsa-mir-10a | | | |
| CGCCTTTGA | Xie:CTTTGA LEF1 | | | |
| CGCCTTTTA | ENSG00000207568 hsa-mir-203 | | | |
| CGCGACCA | ENSG00000199032 hsa-mir-425 | ENSG00000199047 hsa-mir-378 | ENSG00000207568 hsa-mir-203 | ENSG00000207953 hsa-mir-212 |
| CGCGACTTC | ENSG00000207744 hsa-mir-10b | | | |
| CGCGAGACG | ENSG00000207611 hsa-mir-149 | | | |
| CGCGAGCCA | ENSG00000208037 hsa-mir-320 | | | |
| CGCGAGCCC | ENSG00000208005 hsa-mir-503 | ENSG00000207784 hsa-mir-542 | | |
| CGCGATCCC | ENSG00000199077 hsa-mir-129-2 | | | |
| CGCGCAATC | ENSG00000207797 hsa-mir-187 | | | |
| CGCGCATGC | ENSG00000207792 hsa-mir-151 | | | |
| CGCGCATGC | Xie:YCGCATGCG NRF-1 | | | |
| CGCGCAGA | ENSG00000207789 hsa-mir-26a-2 | | | |
| CGCGCCTAA | ENSG00000207718 hsa-mir-15a | ENSG00000208006 hsa-mir-16-1 | | |
| CGCGCGAGA | ENSG00000199071 hsa-mir-423 | ENSG00000207698 hsa-mir-32 | | |
| CGCGCGCAA | ENSG00000199065 hsa-mir-101-2 | ENSG00000199085 hsa-mir-148a | | |
| CGCGCGTCA | ENSG00000199038 hsa-mir-210 | ENSG00000207739 hsa-mir-218-2 | ENSG00000208037 hsa-mir-320 | |
| CGCGCGTTC | ENSG00000199121 hsa-mir-26b | ENSG00000211517 hsa-mir-671 | | |
| CGCGCTAGC | ENSG00000207568 hsa-mir-203 | | | |
| CGCGCTTAC | ENSG00000199104 hsa-mir-346 | ENSG00000207695 hsa-mir-184 | | |
| CGCGGAAAC | ENSG00000199036 hsa-mir-219-1 | | | |
| CGCGGACAG | ENSG00000202641 hsa-mir-484 | | | |
| CGCGGCAAA | ENSG00000207728 hsa-mir-449b | | | |
| CGCGGCTAG | ENSG00000199104 hsa-mir-346 | | | |
| CGCGGCTGC | ENSG00000199032 hsa-mir-425 | | | |
| CGCGGGCTA | ENSG00000199023 hsa-mir-339 | | | |
| CGCGGGTAG | ENSG00000199032 hsa-mir-425 | ENSG00000207960 hsa-mir-153-2 | | |
| CGCGGTAC | ENSG00000207585 hsa-mir-181d | ENSG00000208017 hsa-mir-140 | | |
| CGCGTCACA | ENSG00000208037 hsa-mir-320 | | | |
| CGCGTCACC | ENSG00000199038 hsa-mir-210 | | | |
| CGCGTCGGC | ENSG00000207811 hsa-mir-34b | ENSG00000207562 hsa-mir-34c | | |
| CGCGTGCAA | ENSG00000199085 hsa-mir-148a | | | |
| CGCGTGCCG | ENSG00000207617 hsa-mir-24-1 | | | |
| CGCGTGGCA | ENSG00000207568 hsa-mir-203 | | | |
| CGCGTGTGA | ENSG00000207819 hsa-mir-9-3 | | | |
| CGCGTTCCG | ENSG00000207614 hsa-mir-193a | ENSG00000199187 hsa-mir-365-2 | | |
| CGCGTTCTC | ENSG00000211517 hsa-mir-671 | ENSG00000207695 hsa-mir-184 | | |
| CGCGTTGCC | ENSG00000198995 hsa-mir-340 | | | |
| CGCTATAAA | ENSG00000198995 hsa-mir-340 | | | |
| CGCTCACAA | ENSG00000207752 hsa-mir-199a-1 | | | |
| CGCTCCAAC | ENSG00000207955 hsa-mir-219-2 | | | |
| CGCTCCTCC | ENSG00000207597 hsa-mir-490 | | | |
| CGCTCGCAC | ENSG00000199090 hsa-mir-326 | | | |
| CGCTCTAGC | ENSG00000199104 hsa-mir-346 | | | |
| CGCTCTCCC | ENSG00000207638 hsa-mir-99a | ENSG00000207863 hsa-mir-125b-2 | | |
| CGCTCTTCC | ENSG00000207571 hsa-mir-615 | | | |
| GGAAGAGCG | Xie:vCCGGAAGnGCR GABP | | | |
| CGCTGACCA | ENSG00000199066 hsa-mir-330 | | | |
| CGCTGACGC | ENSG00000199043 hsa-mir-335 | ENSG00000199071 hsa-mir-423 | | |
| CGCTGACTC | ENSG00000207819 hsa-mir-9-3 | | | |
| CGCTGCCGA | ENSG00000199121 hsa-mir-26b | ENSG00000207792 hsa-mir-151 | ENSG00000207953 hsa-mir-212 | |
| CGCTGCCGC | ENSG00000198987 hsa-mir-16-2 | | | |
| CGCTGCGCA | ENSG00000207739 hsa-mir-218-2 | | | |
| CGCTGCGTA | ENSG00000199077 hsa-mir-129-2 | | | |
| CGCTGGACA | ENSG00000207730 hsa-mir-200b | ENSG00000207607 hsa-mir-200a | ENSG00000198976 hsa-mir-429 | |
| CGCTGTTGC | ENSG00000199065 hsa-mir-101-2 | | | |
| CGCTTTACG | ENSG00000207827 hsa-mir-30a | ENSG00000199094 hsa-mir-30c-2 | | |
| CGCTTTCCA | ENSG00000199090 hsa-mir-326 | | | |
| CGCTTTCCA | Xie:AnTTTCGnWTTCSnA | IRF-7 | | |
| CGCTTTCCG | ENSG00000199032 hsa-mir-425 | | | |
| CGCTTTCCG | Xie:AnTTTCGnWTTCSnA | IRF-7 | | |
| CGCTTTCTA | ENSG00000199122 hsa-mir-148b | | | |
| CGCTTTGCA | ENSG00000207635 hsa-mir-499 | | | |
| CGGAAAAGC | ENSG00000207713 hsa-mir-200c | ENSG00000207708 hsa-mir-141 | | |
| CGGAAAACAG | ENSG00000199036 hsa-mir-219-1 | ENSG00000208005 hsa-mir-503 | ENSG00000207784 hsa-mir-542 | |
| CGGAAAACCC | ENSG00000207954 hsa-mir-138-1 | | | |
| CGGAAAACGC | ENSG00000207955 hsa-mir-219-2 | | | |
| CGGAAAGCA | ENSG00000199089 hsa-mir-202 | ENSG00000208037 hsa-mir-320 | ENSG00000207571 hsa-mir-615 | |
| CGGAAATGA | ENSG00000207777 hsa-mir-10a | | | |
| TCATTTCCG | Xie:CAntTCCS STAT1 | | | |
| CGGAAATGC | ENSG00000208009 hsa-mir-130a | | | |
| GCATTTCCG | Xie:CAntTCCS STAT1 | | | |
| CGGAAATTC | ENSG00000198987 hsa-mir-16-2 | | | |
| GAATTTCCG | Xie:AWTTCC IY | | | |
| CGGAAATTC | MATCH:V\$HMGYIY_Q6 HMGYIY | | | |
| CGGAAGCAA | ENSG00000199122 hsa-mir-148b | | | |
| CGGAAGCAC | ENSG00000199032 hsa-mir-425 | | | |
| CGGAAGGAC | ENSG00000199157 hsa-mir-208 | | | |

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|------------|--------------------------------|--------------------------------|-------------------------------|-----------------------------|
| CGGAAGTAC | ENSG00000207721 hsa-mir-186 | | | |
| CGGAAGTGA | Xie:MGGAWGT | PEA3 | | |
| CGGAAGTGA | ENSG00000207721 hsa-mir-186 | | | |
| CGGAAGTGA | Xie:MGGAWGT | PEA3 | | |
| CGGAAGTTA | Xie:CaNTTCCS | STAT1 | | |
| CGGAAGTTA | ENSG00000207789 hsa-mir-26a-2 | | | |
| CGGAAGTTA | Xie:MGGAWGT | PEA3 | | |
| CGGAATCGC | ENSG00000207752 hsa-mir-199a-1 | | | |
| CGGAATTGC | ENSG00000207777 hsa-mir-10a | | | |
| CGAATTCCG | Xie:CaNTTCCS | STAT1 | | |
| CGGACAAAG | ENSG00000199032 hsa-mir-425 | | | |
| CGGACAGGA | ENSG00000202641 hsa-mir-484 | | | |
| CGGACCGTC | ENSG00000207811 hsa-mir-34b | ENSG00000207562 hsa-mir-34c | | |
| CGGACGCAG | ENSG00000199023 hsa-mir-339 | | | |
| CGGACGCCA | ENSG00000207596 hsa-mir-194-2 | ENSG00000207648 hsa-mir-192 | | |
| CGGACGTGA | ENSG00000207611 hsa-mir-149 | | | |
| CGGACTACA | ENSG00000208005 hsa-mir-503 | ENSG00000207784 hsa-mir-542 | | |
| CGGACTCGC | ENSG00000207656 hsa-mir-489 | | | |
| CGGACTGAA | ENSG00000199036 hsa-mir-219-1 | | | |
| CGGAGAAAC | ENSG00000199032 hsa-mir-425 | | | |
| CGGAGACAC | ENSG00000207947 hsa-mir-152 | | | |
| CGGAGACGC | ENSG00000207739 hsa-mir-218-2 | | | |
| CGGAGCTAG | ENSG00000207726 hsa-mir-455 | | | |
| CGGAGGATC | ENSG00000207585 hsa-mir-181d | | | |
| CGGAGGTCA | ENSG00000207571 hsa-mir-615 | | | |
| TGACCTCCG | Xie:TGACCT | ER | | |
| CGGAGTGAG | ENSG00000199024 hsa-mir-103-2 | ENSG00000207731 hsa-mir-506 | | |
| CGGAGTTCC | ENSG00000207792 hsa-mir-151 | | | |
| CGGATCGGA | ENSG00000207789 hsa-mir-26a-2 | | | |
| CGGATCTCC | ENSG00000207581 hsa-mir-199b | | | |
| CGGATGGAC | ENSG00000207581 hsa-mir-199b | ENSG00000207751 hsa-mir-130b | | |
| CGGATGGGC | ENSG00000207955 hsa-mir-219-2 | | | |
| CGGATGGTC | ENSG00000208017 hsa-mir-140 | | | |
| CGGATTTCC | ENSG00000199059 hsa-mir-135b | ENSG00000199077 hsa-mir-129-2 | ENSG00000207955 hsa-mir-219-2 | ENSG00000207797 hsa-mir-187 |
| CGGATTTCC | Xie:AnTTTCGnWTTCSnA | IRF-7 | | |
| CGGATTGGA | ENSG00000207926 hsa-mir-135a-1 | | | |
| CGGCAACAG | ENSG00000207611 hsa-mir-149 | | | |
| CGGCAACAG | MATCH:V\$RFX_Q6 | RFX | | |
| CGGCAACGC | ENSG00000198995 hsa-mir-340 | | | |
| CGGCAACGC | MATCH:V\$RFX_Q6 | RFX | | |
| CGGCACGTC | ENSG00000199065 hsa-mir-101-2 | | | |
| CGGCAGACG | ENSG00000199024 hsa-mir-103-2 | | | |
| CGGCAGCAG | ENSG00000207954 hsa-mir-138-1 | | | |
| CGGCAGGAA | ENSG00000199121 hsa-mir-26b | | | |
| CGGCAGGTC | ENSG00000207953 hsa-mir-212 | | | |
| CGGCATCCC | ENSG00000207611 hsa-mir-149 | | | |
| CGGCATGCC | ENSG00000199161 hsa-mir-126 | ENSG00000208009 hsa-mir-130a | | |
| CGGCCACAA | ENSG00000207730 hsa-mir-200b | ENSG00000207607 hsa-mir-200a | ENSG00000198976 hsa-mir-429 | |
| CGGCCAGCA | ENSG00000199090 hsa-mir-326 | ENSG00000207739 hsa-mir-218-2 | | |
| CGGCCCATC | ENSG00000207623 hsa-mir-205 | | | |
| CGGCCGAAA | ENSG00000199104 hsa-mir-346 | | | |
| CGGCCTCTA | ENSG00000207960 hsa-mir-153-2 | | | |
| CGGCGCCAA | ENSG00000202641 hsa-mir-484 | | | |
| CGGCGGCGC | ENSG00000207960 hsa-mir-153-2 | | | |
| CGGCGGTAA | ENSG00000207935 hsa-mir-204 | ENSG00000207955 hsa-mir-219-2 | | |
| CGGCTCAG | ENSG00000199071 hsa-mir-423 | | | |
| CGGCTGTGC | ENSG00000207730 hsa-mir-200b | ENSG00000207607 hsa-mir-200a | ENSG00000198976 hsa-mir-429 | |
| CGGCTAGAG | ENSG00000199104 hsa-mir-346 | | | |
| CGGCTCACC | ENSG00000199121 hsa-mir-26b | | | |
| CGGCTCCAA | ENSG00000207635 hsa-mir-499 | ENSG00000210741 hsa-mir-196a-1 | | |
| CGGCTCCTA | ENSG00000199017 hsa-mir-1-1 | ENSG00000207764 hsa-mir-133a-2 | ENSG00000207953 hsa-mir-212 | |
| CGGCTGAAG | ENSG00000207656 hsa-mir-489 | | | |
| CGGCTGACA | ENSG00000198973 hsa-mir-375 | | | |
| CGGCTGTCA | ENSG00000207597 hsa-mir-490 | | | |
| TGACAGCCG | Xie:TGACAG | MEIS1 | | |
| CGGCTTGTC | ENSG00000207789 hsa-mir-26a-2 | | | |
| CGGGAAGAAG | ENSG00000207994 hsa-mir-100 | ENSG00000207971 hsa-mir-125b-1 | ENSG00000198975 hsa-let-7a-2 | |
| CGGGAACA | ENSG00000207586 hsa-mir-135a-2 | | | |
| CGGGAATC | ENSG00000207695 hsa-mir-184 | | | |
| CGGGAACTC | ENSG00000207792 hsa-mir-151 | | | |
| CGGGAATAG | ENSG00000199085 hsa-mir-148a | | | |
| CGGGAATCC | ENSG00000207728 hsa-mir-449b | ENSG00000207955 hsa-mir-219-2 | ENSG00000207623 hsa-mir-205 | |
| CGGGAATTC | ENSG00000210741 hsa-mir-196a-1 | | | |
| CGGGACAAA | ENSG00000199122 hsa-mir-148b | | | |
| CGGGAGTTA | ENSG00000199071 hsa-mir-423 | | | |
| CGGGATTTT | ENSG00000199017 hsa-mir-1-1 | ENSG00000207764 hsa-mir-133a-2 | | |
| CGGGATTTT | Xie:SGGRnTTTCC | C-REL | | |
| CGGGCACGA | ENSG00000207585 hsa-mir-181d | | | |
| CGGGCCACC | ENSG00000208017 hsa-mir-140 | ENSG00000199071 hsa-mir-423 | | |
| CGGGCCGTA | ENSG00000199038 hsa-mir-210 | | | |
| CGGGCCTAC | ENSG00000208005 hsa-mir-503 | ENSG00000207784 hsa-mir-542 | | |
| CGGGCGAGA | ENSG00000199104 hsa-mir-346 | | | |
| CGGGCGCTA | ENSG00000207751 hsa-mir-130b | | | |
| CGGGCTAGA | ENSG00000207698 hsa-mir-32 | | | |
| CGGGCTCTA | ENSG00000207713 hsa-mir-200c | ENSG00000207708 hsa-mir-141 | | |
| CGGGGACAA | ENSG00000199036 hsa-mir-219-1 | | | |
| CGGGGACAA | ENSG00000198973 hsa-mir-375 | | | |
| CGGGTAAGA | ENSG00000211590 hsa-mir-802 | | | |
| CGGGTAGCA | ENSG00000199090 hsa-mir-326 | | | |
| CGGGTCACA | ENSG00000199066 hsa-mir-330 | | | |
| CGGGTCACG | ENSG00000208017 hsa-mir-140 | | | |

CGGGTGACG ENSG00000199032|hsa-mir-425 ENSG00000207617|hsa-mir-24-1
CGGGTGACG ENSG00000207730|hsa-mir-200b ENSG00000207607|hsa-mir-200a ENSG00000198976|hsa-mir-429 ENSG00000207739|hsa-mir-218-2
CGGGTGTGA ENSG00000199036|hsa-mir-219-1
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CGGTGATGA ENSG00000207827|hsa-mir-30a ENSG00000199094|hsa-mir-30c-2
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CGGTGTGAG ENSG00000207792|hsa-mir-151
CGGTGGGTC ENSG00000207811|hsa-mir-34b ENSG00000207562|hsa-mir-34c
CGGTTTCAA ENSG00000207789|hsa-mir-26a-2
CGGTTTCCA ENSG00000207789|hsa-mir-26a-2
CGGTTTCCA Xie:AnTTTCGnWTTCSnA IRF-7
CGGTTTTGC ENSG00000202641|hsa-mir-484
CGTACCAAG ENSG00000207789|hsa-mir-26a-2
CGTACCTGC ENSG00000207568|hsa-mir-203
CGTACTCAG ENSG00000207926|hsa-mir-135a-1
CGTAGTAGC ENSG00000199165|hsa-let-7a-1 ENSG00000199072|hsa-let-7f-1 ENSG00000199133|hsa-let-7d
CGTATGCAA ENSG00000199038|hsa-mir-210
CGTCAAAAA ENSG00000208024|hsa-mir-199a-2 ENSG00000207949|hsa-mir-214
CGTCAAAGA ENSG00000207953|hsa-mir-212
TCTTTGACG Xie:CTTTGA LEF1
CGTCACCCA ENSG00000199077|hsa-mir-129-2
CGTCACGGA ENSG00000199071|hsa-mir-423
CGTCACGGC ENSG00000207953|hsa-mir-212
CGTCACGTC ENSG00000199130|hsa-mir-365-1
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ENSG00000199015|hsa-mir-377 ENSG00000199107|hsa-mir-409 ENSG00000199012|hsa-mir-412 ENSG00000199025|hsa-mir-369 ENSG00000199092|hsa-mir-410
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CGTCAGCTC ENSG00000207728|hsa-mir-449b ENSG00000207751|hsa-mir-130b ENSG00000207717|hsa-mir-551b
CGTCAGTCC ENSG00000207819|hsa-mir-9-3
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CGTCCAATC ENSG00000207702|hsa-mir-211
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CGTCCCATC ENSG00000199017|hsa-mir-1-1 ENSG00000207764|hsa-mir-133a-2 ENSG00000199085|hsa-mir-148a
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CGTCCCGCA ENSG00000199077|hsa-mir-129-2
CGTCCGCTC ENSG00000207614|hsa-mir-193a ENSG00000199187|hsa-mir-365-2
CGTCGCCAA ENSG00000207732|hsa-mir-218-1
CGTCGCCCC ENSG00000208037|hsa-mir-320
CGTCGTGTA ENSG00000207614|hsa-mir-193a ENSG00000199187|hsa-mir-365-2
CGTCTCCTA ENSG00000199130|hsa-mir-365-1
CGTGAAGCC ENSG00000198986|hsa-let-7a-3 ENSG00000207875|hsa-let-7b
CGTGACATC ENSG00000207611|hsa-mir-149 ENSG00000199004|hsa-mir-21
CGTGACCGC ENSG00000208017|hsa-mir-140
CGTGACCTC ENSG00000207732|hsa-mir-218-1
CGTGACCTC Xie:MnTGWCCT T3R
CGTGACCTC Xie:TGACCT ER
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 ENSG00000199107|hsa-mir-409 ENSG00000199012|hsa-mir-412 ENSG00000199025|hsa-mir-369 ENSG00000199092|hsa-mir-410
 CTGCACAAC ENSG00000199122|hsa-mir-148b
 CTGCACGTC ENSG00000199038|hsa-mir-210
 CTGCATGTC ENSG00000207695|hsa-mir-184
 CTGCATTAA ENSG00000207586|hsa-mir-135a-2
 CTGCCAACA ENSG00000198981|hsa-mir-29a
 CTGCCCATA ENSG00000207633|hsa-mir-505
 CTGCCGATC ENSG00000199121|hsa-mir-26b
 CTGCCGGGC ENSG00000207752|hsa-mir-199a-1 ENSG00000207980|hsa-mir-23a ENSG00000209707|hsa-mir-24-2 ENSG00000207808|hsa-mir-27a
 CTGCCTAAC ENSG00000207950|hsa-mir-296 ENSG00000207638|hsa-mir-99a ENSG00000207863|hsa-mir-125b-2
 CTGCCTAGA ENSG00000207691|hsa-mir-183 ENSG00000207990|hsa-mir-182 ENSG00000199158|hsa-mir-96
 CTGCCGAGA ENSG00000207617|hsa-mir-24-1
 CTGCCGAGC ENSG00000199047|hsa-mir-378
 CTGCCGATC ENSG00000207739|hsa-mir-218-2 ENSG00000207926|hsa-mir-135a-1
 CTGCCGAAA ENSG00000199077|hsa-mir-129-2
 CTGCCGTGAC ENSG00000207635|hsa-mir-499 ENSG00000207732|hsa-mir-218-1 ENSG00000208036|hsa-mir-106b ENSG00000207547|hsa-mir-25 ENSG00000207757|hsa-mir-93
 CTGCTGACA ENSG00000207702|hsa-mir-211 ENSG00000208024|hsa-mir-199a-2 ENSG00000207949|hsa-mir-214
 CTGCTTAAC ENSG00000202609|hsa-mir-488 ENSG00000208024|hsa-mir-199a-2 ENSG00000207949|hsa-mir-214
 CTGGAACAA ENSG00000198973|hsa-mir-375 ENSG00000199082|hsa-mir-342 ENSG00000211590|hsa-mir-802
 CTGGACCAC ENSG00000199089|hsa-mir-202
 CTGGATGAC ENSG00000207604|hsa-mir-206 ENSG00000199080|hsa-mir-133b ENSG00000208005|hsa-mir-503 ENSG00000207784|hsa-mir-542
 CTGGATGGC ENSG00000207604|hsa-mir-206 ENSG00000199080|hsa-mir-133b
 CTGGCAACC ENSG00000199082|hsa-mir-342
 CTGGCATAA ENSG00000207581|hsa-mir-199b
 CTGGCCTGA ENSG00000208024|hsa-mir-199a-2 ENSG00000207949|hsa-mir-214
 CTGGCGGAA ENSG00000199077|hsa-mir-129-2 ENSG00000208037|hsa-mir-320
 CTGGCGTCA ENSG00000207581|hsa-mir-199b
 CTGGCGTGA ENSG00000207811|hsa-mir-34b ENSG00000207562|hsa-mir-34c
 CTGGCGTGA Xie: TnGCGTG AHR
 CTGGCTTGA ENSG00000202569|hsa-mir-146b
 CTGGGAATA ENSG00000207618|hsa-mir-144 ENSG00000207794|hsa-mir-451 ENSG00000207731|hsa-mir-506
 TATTCCAG Xie: GGYATTCCAnd IK-1
 CTGGGTAAC ENSG00000207752|hsa-mir-199a-1
 CTGGGTACA ENSG00000207948|hsa-mir-328
 CTGGTACCA ENSG00000207705|hsa-mir-129-1 ENSG00000208024|hsa-mir-199a-2 ENSG00000207949|hsa-mir-214
 CTGGTCAAA ENSG00000207694|hsa-mir-1-2
 CTGGTGATA ENSG00000198974|hsa-mir-30e ENSG00000207962|hsa-mir-30c-1
 CTGGTGTGA ENSG00000207790|hsa-mir-29b-2 ENSG00000207966|hsa-mir-29c
 CTGGTTAAA ENSG00000207602|hsa-mir-106a ENSG00000207572|hsa-mir-363 ENSG00000207710|hsa-mir-20b
 CTGGTTGCC ENSG00000199023|hsa-mir-339
 CTGGTTGGA ENSG00000199122|hsa-mir-148b ENSG00000199135|hsa-mir-101-1 ENSG00000207695|hsa-mir-184
 CTGGTTGTC ENSG00000207726|hsa-mir-455
 CTGGTTTAC ENSG00000207698|hsa-mir-32
 CTGGTTTGA ENSG00000199121|hsa-mir-26b ENSG00000199071|hsa-mir-423 ENSG00000207694|hsa-mir-1-2
 CTGTAACAG ENSG00000207702|hsa-mir-211
 CTGTAATGA ENSG00000199165|hsa-let-7a-1 ENSG00000199072|hsa-let-7f-1 ENSG00000199133|hsa-let-7d
 CTGTACATC ENSG00000199153|hsa-mir-30d ENSG00000207582|hsa-mir-30b ENSG00000199165|hsa-let-7a-1 ENSG00000199072|hsa-let-7f-1 ENSG00000199133|hsa-let-7d
 CTGTAGGTA ENSG00000198974|hsa-mir-30e ENSG00000207962|hsa-mir-30c-1
 CTGTATTGA ENSG00000208009|hsa-mir-130a
 CTGTCAACA ENSG00000207827|hsa-mir-30a ENSG00000199094|hsa-mir-30c-2
 TGTTGACAG Xie: TGACAG MEIS1
 CTGTACACA ENSG00000207726|hsa-mir-455 ENSG00000208024|hsa-mir-199a-2 ENSG00000207949|hsa-mir-214
 TGCTGACAG Xie: TGACAG MEIS1
 CTGTACAGTA ENSG00000207950|hsa-mir-296
 TACTGACAG Xie: TGACAG MEIS1

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|-----------|--|--------------------------------|-------------------------------|-------------------------------|
| CTGTCAGTC | ENSG00000207550 hsa-mir-99b | ENSG00000198972 hsa-let-7e | ENSG00000211517 hsa-mir-671 | ENSG00000199135 hsa-mir-101-1 |
| | GACTGACAG Xie: TGACAG MEIS1 | | | |
| CTGTCATGC | ENSG00000207638 hsa-mir-99a | ENSG00000207863 hsa-mir-125b-2 | | |
| | GCATGACAG Xie: TGACAG MEIS1 | | | |
| CTGTCCAAC | ENSG00000199135 hsa-mir-101-1 | | | |
| CTGTCCGTC | ENSG00000207567 hsa-mir-142 | | | |
| CTGTGGAAG | ENSG00000198986 hsa-let-7a-3 | ENSG00000207875 hsa-let-7b | | |
| CTGTGCGAA | ENSG00000202641 hsa-mir-484 | | | |
| CTGTGCGGA | ENSG00000207656 hsa-mir-489 | ENSG00000207732 hsa-mir-218-1 | | |
| CTGTCTAGA | ENSG00000207751 hsa-mir-130b | | | |
| CTGTGATTA | ENSG00000199121 hsa-mir-26b | | | |
| CTGTGGAAC | ENSG00000199157 hsa-mir-208 | ENSG00000207705 hsa-mir-129-1 | ENSG00000199043 hsa-mir-335 | |
| CTGTGGCAC | ENSG00000208024 hsa-mir-199a-2 | ENSG00000207949 hsa-mir-214 | | |
| CTGTGTAAG | ENSG00000207721 hsa-mir-186 | | | |
| CTGTTATTC | ENSG00000207651 hsa-mir-28 | | | |
| CTGTTCCAA | ENSG00000199036 hsa-mir-219-1 | | | |
| CTGTTGAAG | ENSG00000207597 hsa-mir-490 | | | |
| CTGTTGACA | ENSG00000207827 hsa-mir-30a | ENSG00000199094 hsa-mir-30c-2 | | |
| CTGTTGACC | ENSG00000207947 hsa-mir-152 | | | |
| CTGTTGATC | ENSG00000199023 hsa-mir-339 | | | |
| CTGTTGCCG | ENSG00000199085 hsa-mir-148a | | | |
| | CTGTTGCCG MATCH: V\$RFX_Q6 RFX | | | |
| CTGTTGGCA | ENSG00000198981 hsa-mir-29a | | | |
| CTGTTGTAA | ENSG00000208035 hsa-mir-143 | | | |
| CTGTTTAAA | ENSG00000207721 hsa-mir-186 | | | |
| CTGTTTACA | ENSG00000207752 hsa-mir-199a-1 | | | |
| | TGTAACAG Xie: CTWAWGTAACAnWG | FREAC-4 | | |
| CTGTTTGCA | ENSG00000207585 hsa-mir-181d | | | |
| CTGTTTGA | ENSG00000198987 hsa-mir-16-2 | | | |
| CTTAAAACC | ENSG00000199082 hsa-mir-342 | | | |
| CTTAAACTC | ENSG00000207694 hsa-mir-1-2 | | | |
| CTTAAAGAC | ENSG00000207955 hsa-mir-219-2 | | | |
| CTTAAACCC | ENSG00000207713 hsa-mir-200c | ENSG00000207708 hsa-mir-141 | | |
| CTTAACTAA | ENSG00000207933 hsa-mir-9-1 | | | |
| CTTAATAAA | ENSG00000202641 hsa-mir-484 | | | |
| CTTAATCCA | ENSG00000207651 hsa-mir-28 | | | |
| CTTAATCCC | ENSG00000207571 hsa-mir-615 | | | |
| CTTAATGAA | ENSG00000208017 hsa-mir-140 | | | |
| CTTAATGTC | ENSG00000207624 hsa-mir-194-1 | ENSG00000207590 hsa-mir-215 | | |
| CTTAATTGA | ENSG00000211574 hsa-mir-770 | ENSG00000208001 hsa-mir-431 | ENSG00000199005 hsa-mir-370 | |
| | CTTAATTGA Xie: CWTAAATG NKX2-5 | | | |
| CTTAATTGC | ENSG00000207935 hsa-mir-204 | | | |
| | CTTAATTGC Xie: CWTAAATG NKX2-5 | | | |
| CTTACATAA | ENSG00000207717 hsa-mir-551b | | | |
| CTTACCCAC | ENSG00000202569 hsa-mir-146b | | | |
| CTTACCTGC | ENSG00000207581 hsa-mir-199b | ENSG00000207705 hsa-mir-129-1 | | |
| CTTACTCAA | ENSG00000207694 hsa-mir-1-2 | ENSG00000211574 hsa-mir-770 | ENSG00000208001 hsa-mir-431 | ENSG00000199005 hsa-mir-370 |
| CTTACTGCA | ENSG00000199135 hsa-mir-101-1 | ENSG00000207790 hsa-mir-29b-2 | ENSG00000207966 hsa-mir-29c | ENSG00000207954 hsa-mir-138-1 |
| CTTAGCTTA | ENSG00000199058 hsa-mir-302b | ENSG00000199169 hsa-mir-367 | ENSG00000199145 hsa-mir-302d | ENSG00000199102 hsa-mir-302c |
| CTTAGGGAA | ENSG00000198987 hsa-mir-16-2 | | | |
| CTTAGGTAA | ENSG00000207602 hsa-mir-106a | ENSG00000207572 hsa-mir-363 | ENSG00000207710 hsa-mir-20b | ENSG00000207651 hsa-mir-28 |
| CTTAGTCCA | ENSG00000207739 hsa-mir-218-2 | ENSG00000198987 hsa-mir-16-2 | | |
| CTTATAGCC | ENSG00000199082 hsa-mir-342 | | | |
| CTTATATAC | ENSG00000199017 hsa-mir-1-1 | ENSG00000207764 hsa-mir-133a-2 | | |
| CTTATCAAC | ENSG00000207865 hsa-mir-34a | | | |
| CTTATCAGC | ENSG00000207933 hsa-mir-9-1 | | | |
| CTTATCTGC | ENSG00000208024 hsa-mir-199a-2 | ENSG00000207949 hsa-mir-214 | | |
| CTTATTTGC | ENSG00000211590 hsa-mir-802 | | | |
| CTTCACACC | ENSG00000199161 hsa-mir-126 | ENSG00000207777 hsa-mir-10a | ENSG00000207790 hsa-mir-29b-2 | ENSG00000207966 hsa-mir-29c |
| CTTCACGTC | ENSG00000199161 hsa-mir-126 | | | |
| CTTCAGATC | ENSG00000207602 hsa-mir-106a | ENSG00000207572 hsa-mir-363 | ENSG00000207710 hsa-mir-20b | |
| CTTCAGCAC | ENSG00000207960 hsa-mir-153-2 | | | |
| CTTCAGGCC | ENSG00000208024 hsa-mir-199a-2 | ENSG00000207949 hsa-mir-214 | | |
| CTTCATCAA | ENSG00000199088 hsa-mir-379 | ENSG00000207749 hsa-mir-299 | ENSG00000198982 hsa-mir-380 | ENSG00000199069 hsa-mir-323 |
| | ENSG00000207743 hsa-mir-495 | ENSG00000199020 hsa-mir-381 | ENSG00000207754 hsa-mir-487b | ENSG00000202560 hsa-mir-539 |
| | ENSG00000199107 hsa-mir-409 | ENSG00000199012 hsa-mir-412 | ENSG00000199025 hsa-mir-369 | ENSG00000199092 hsa-mir-410 |
| | ENSG00000207752 hsa-mir-199a-1 | | | ENSG00000211582 hsa-mir-758 |
| | ENSG00000199024 hsa-mir-103-2 | | | ENSG00000207761 hsa-mir-329-1 |
| | ENSG00000198995 hsa-mir-340 | | | ENSG00000207961 hsa-mir-496 |
| | ENSG00000207617 hsa-mir-24-1 | | | ENSG00000199015 hsa-mir-377 |
| | ENSG00000198984 hsa-mir-345 | | | ENSG00000208006 hsa-mir-16-1 |
| | ENSG00000199024 hsa-mir-103-2 | | | |
| | ENSG00000199122 hsa-mir-148b | | | |
| | ENSG00000199085 hsa-mir-148a | | | |
| | ENSG00000207596 hsa-mir-194-2 | ENSG00000207648 hsa-mir-192 | ENSG00000207777 hsa-mir-10a | |
| | ENSG00000207702 hsa-mir-211 | | | |
| | ENSG00000207980 hsa-mir-23a | ENSG00000209707 hsa-mir-24-2 | ENSG00000207808 hsa-mir-27a | |
| | ENSG00000207777 hsa-mir-10a | | | |
| | ENSG00000207789 hsa-mir-26a-2 | | | |
| | ENSG00000207935 hsa-mir-204 | | | |
| | ENSG00000199058 hsa-mir-302b | ENSG00000199169 hsa-mir-367 | ENSG00000199145 hsa-mir-302d | ENSG00000199102 hsa-mir-302c |
| | ENSG00000210741 hsa-mir-196a-1 | | | |
| | CTTGACCTA Xie: MnTGWCCT T3R | | | |
| | CTTGACCTA Xie: TGACCT ER | | | |
| CTTGACGTC | ENSG00000199121 hsa-mir-26b | | | |
| | GACGTCAAG Xie: TGACGTCARRG ATF-1 | | | |
| CTTGACTCA | ENSG00000199059 hsa-mir-135b | | | |
| CTTGATGAC | ENSG00000207571 hsa-mir-615 | | | |
| CTTGATTAA | ENSG00000211590 hsa-mir-802 | | | |
| CTTGCAAAC | ENSG00000207731 hsa-mir-506 | | | |
| CTTGATCA | ENSG00000211574 hsa-mir-770 | ENSG00000208001 hsa-mir-431 | ENSG00000199005 hsa-mir-370 | |

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| CTTGCGTCA | ENSG00000199089 hsa-mir-202 | ENSG00000207717 hsa-mir-551b | | | | | | |
| CTTGCTGTA | ENSG00000207602 hsa-mir-106a | ENSG00000207572 hsa-mir-363 | ENSG00000207710 hsa-mir-20b | ENSG00000207695 hsa-mir-184 | ENSG00000207795 hsa-mir-155 | | | |
| CTTGCTTAC | ENSG00000199122 hsa-mir-148b | | | | | | | |
| CTTGCAAC | ENSG00000199023 hsa-mir-339 | | | | | | | |
| CTTGCAAC | Xie: GTTGCWGGYAAC | MIF-1 | | | | | | |
| CTTGCGAC | ENSG00000207732 hsa-mir-218-1 | ENSG00000207744 hsa-mir-10b | | | | | | |
| CTTGTAAC | ENSG00000207797 hsa-mir-187 | | | | | | | |
| CTTGTAAG | ENSG00000207585 hsa-mir-181d | | | | | | | |
| CTTGCTTA | ENSG00000207947 hsa-mir-152 | | | | | | | |
| CTTGAGACA | ENSG00000207725 hsa-mir-222 | ENSG00000207870 hsa-mir-221 | | | | | | |
| CTTGAGACC | ENSG00000199059 hsa-mir-135b | | | | | | | |
| CTTGTTAGC | ENSG00000207698 hsa-mir-32 | | | | | | | |
| CTTTAAATC | ENSG00000207656 hsa-mir-489 | ENSG00000207726 hsa-mir-455 | | | | | | |
| CTTTAACAC | ENSG00000199122 hsa-mir-148b | | | | | | | |
| CTTTAAGAA | ENSG00000208037 hsa-mir-320 | | | | | | | |
| CTTTAATCA | ENSG00000207995 hsa-mir-325 | | | | | | | |
| CTTTAATGC | ENSG00000207586 hsa-mir-135a-2 | | | | | | | |
| CTTTATAGC | ENSG00000198995 hsa-mir-340 | | | | | | | |
| CTTTATCAC | ENSG00000207728 hsa-mir-449b | ENSG00000198974 hsa-mir-30e | ENSG00000207962 hsa-mir-30c-1 | ENSG00000207717 hsa-mir-551b | ENSG00000207745 hsa-mir-17 | ENSG00000207610 hsa-mir-19a | ENSG00000199149 hsa-mir-20a | |
| CTTTATGAA | ENSG00000207617 hsa-mir-24-1 | | | | | | | |
| CTTTATGTC | ENSG00000207950 hsa-mir-296 | | | | | | | |
| CTTTCACFC | ENSG00000207698 hsa-mir-32 | | | | | | | |
| CTTTCCCGA | ENSG00000207792 hsa-mir-151 | | | | | | | |
| CTTTCGCTA | ENSG00000199032 hsa-mir-425 | | | | | | | |
| CTTTCGGGA | ENSG00000198974 hsa-mir-30e | ENSG00000207962 hsa-mir-30c-1 | | | | | | |
| CTTTCCTAGA | ENSG00000207980 hsa-mir-23a | ENSG00000207907 hsa-mir-24-2 | ENSG00000207808 hsa-mir-27a | | | | | |
| CTTTGAGCC | ENSG00000207797 hsa-mir-187 | | | | | | | |
| CTTTGAGCC | Xie: CTTTGA | LEF1 | | | | | | |
| CTTTGATCA | ENSG00000207980 hsa-mir-23a | ENSG00000207907 hsa-mir-24-2 | ENSG00000207808 hsa-mir-27a | | | | | |
| CTTTGATCA | Xie: CTTTGA | LEF1 | | | | | | |
| CTTTGCCGC | ENSG00000207728 hsa-mir-449b | | | | | | | |
| CTTTGCCTA | ENSG00000207752 hsa-mir-199a-1 | | | | | | | |
| CTTTGGAAC | ENSG00000207695 hsa-mir-184 | ENSG00000207933 hsa-mir-9-1 | | | | | | |
| CTTTGGACC | ENSG00000207586 hsa-mir-135a-2 | | | | | | | |
| CTTTGTAGC | ENSG00000207597 hsa-mir-490 | | | | | | | |
| CTTTGTCAA | ENSG00000207717 hsa-mir-551b | | | | | | | |
| CTTTGTCA | ENSG00000207933 hsa-mir-9-1 | | | | | | | |
| CTTTGTGCA | ENSG00000199090 hsa-mir-326 | | | | | | | |
| CTTTGTATC | ENSG00000199059 hsa-mir-135b | | | | | | | |
| CTTTTATGC | ENSG00000207568 hsa-mir-203 | | | | | | | |
| CTTTCCGC | ENSG00000207713 hsa-mir-200c | ENSG00000207708 hsa-mir-141 | | | | | | |
| CTTTCCGAA | ENSG00000207865 hsa-mir-34a | | | | | | | |
| CTTTTGACC | ENSG00000199066 hsa-mir-330 | | | | | | | |
| CTTTTGAC | ENSG00000199130 hsa-mir-365-1 | | | | | | | |
| CTTTTGGAC | ENSG00000202641 hsa-mir-484 | | | | | | | |
| CTTTTGTGA | ENSG00000207994 hsa-mir-100 | ENSG00000207971 hsa-mir-125b-1 | ENSG00000198975 hsa-let-7a-2 | | | | | |
| CTTTTGTTC | ENSG00000207548 hsa-mir-217 | | | | | | | |
| CTTTTGAA | ENSG00000199036 hsa-mir-219-1 | | | | | | | |
| CTTTTGAC | ENSG00000208024 hsa-mir-199a-2 | ENSG00000207949 hsa-mir-214 | | | | | | |
| GAAAAACAC | ENSG00000207585 hsa-mir-181d | | | | | | | |
| GAAAAACTC | ENSG00000199077 hsa-mir-129-2 | | | | | | | |
| GAAAAATAC | ENSG00000207635 hsa-mir-499 | | | | | | | |
| GAAAAACCC | ENSG00000207752 hsa-mir-199a-1 | | | | | | | |
| GAAAAACCC | ENSG00000199122 hsa-mir-148b | | | | | | | |
| GGGGTTTT | Xie: SGGGrTTTTCC | C-REL | | | | | | |
| GAAAACGAA | ENSG00000207728 hsa-mir-449b | ENSG00000207651 hsa-mir-28 | | | | | | |
| TTCGTTTT | Xie: AnTTTCGnWTTCSnA | IRF-7 | | | | | | |
| GAAAACCTC | ENSG00000199121 hsa-mir-26b | | | | | | | |
| GAAAAGCGA | ENSG00000207811 hsa-mir-34b | ENSG00000207562 hsa-mir-34c | ENSG00000207638 hsa-mir-99a | ENSG00000207863 hsa-mir-125b-2 | | | | |
| TCGCTTTT | Xie: GGTTCRCRTTTS | IRF-1 | | | | | | |
| GAAAAGCGC | ENSG00000211517 hsa-mir-671 | | | | | | | |
| GAAAAGTCA | ENSG00000207865 hsa-mir-34a | | | | | | | |
| GAAAATCCC | ENSG00000207752 hsa-mir-199a-1 | | | | | | | |
| GGGATTTT | Xie: SGGGrTTTTCC | C-REL | | | | | | |
| GAAACAAGC | ENSG00000199122 hsa-mir-148b | ENSG00000211590 hsa-mir-802 | | | | | | |
| GAAACAAA | ENSG00000207611 hsa-mir-149 | | | | | | | |
| GAAACCGCC | ENSG00000207789 hsa-mir-26a-2 | | | | | | | |
| GGCGTTTT | Xie: GKCRGKTT | TCF-1 (P) | | | | | | |
| GAAACGCGC | ENSG00000198995 hsa-mir-340 | ENSG00000208037 hsa-mir-320 | | | | | | |
| GAAACTACA | ENSG00000207698 hsa-mir-32 | | | | | | | |
| TGTAGTTT | Xie: KTWGTTT | SRY | | | | | | |
| GAAACTCAC | ENSG00000207656 hsa-mir-489 | | | | | | | |
| GAAACTCCC | ENSG00000199161 hsa-mir-126 | | | | | | | |
| GGGAGTTT | Xie: SGGGrTTTTCC | C-REL | | | | | | |
| GAAACTTGC | ENSG00000211574 hsa-mir-770 | ENSG00000208001 hsa-mir-431 | ENSG00000199005 hsa-mir-370 | ENSG00000211590 hsa-mir-802 | | | | |
| GAAAGACGC | ENSG00000199157 hsa-mir-208 | | | | | | | |
| GAAAGCGAC | ENSG00000199032 hsa-mir-425 | | | | | | | |
| GAAAGCGGA | ENSG00000207691 hsa-mir-183 | ENSG00000207990 hsa-mir-182 | ENSG00000199158 hsa-mir-96 | ENSG00000207955 hsa-mir-219-2 | | | | |
| GAAAGGTGA | ENSG00000198973 hsa-mir-375 | | | | | | | |
| GAAAGGTTT | ENSG00000198984 hsa-mir-345 | ENSG00000211563 hsa-mir-338 | ENSG00000207995 hsa-mir-325 | | | | | |
| GAAAGTCCA | ENSG00000207614 hsa-mir-193a | ENSG00000199187 hsa-mir-365-2 | | | | | | |
| GAAAGTCCC | ENSG00000207571 hsa-mir-615 | | | | | | | |
| GGGACTTT | Xie: SGGGrTTTTCC | C-REL | | | | | | |
| GAAAGTCTC | ENSG00000207624 hsa-mir-194-1 | ENSG00000207590 hsa-mir-215 | | | | | | |
| GAAAGTGAC | ENSG00000207602 hsa-mir-106a | ENSG00000207572 hsa-mir-363 | ENSG00000207710 hsa-mir-20b | ENSG00000210741 hsa-mir-196a-1 | | | | |
| GAAAGTGGA | ENSG00000208017 hsa-mir-140 | | | | | | | |
| GAAAGTTAC | ENSG00000199085 hsa-mir-148a | | | | | | | |
| GAAAGTTCA | ENSG00000207995 hsa-mir-325 | | | | | | | |
| GAAATAGGA | ENSG00000199077 hsa-mir-129-2 | | | | | | | |
| GAAATCAGC | ENSG00000207692 hsa-mir-592 | | | | | | | |
| GAAATCTCC | ENSG00000202569 hsa-mir-146b | | | | | | | |

GAATTTCCC MATCH:V\$HMGYI_Q6 HMGYI

GAATTTGCA ENSG00000207656|hsa-mir-489

GAATTTGCC ENSG00000207635|hsa-mir-499 ENSG00000207726|hsa-mir-455

GACAAAGAA ENSG00000199053|hsa-mir-324 ENSG00000199085|hsa-mir-148a ENSG00000199157|hsa-mir-208

GACAAAGAC ENSG00000207623|hsa-mir-205 ENSG00000207933|hsa-mir-9-1

GACAAAGCC ENSG00000199053|hsa-mir-324

GACAACCGA ENSG00000199088|hsa-mir-379 ENSG00000207749|hsa-mir-299 ENSG00000198982|hsa-mir-380 ENSG00000199069|hsa-mir-323 ENSG00000211582|hsa-mir-758 ENSG00000207761|hsa-mir-329-1 ENSG00000194717|hsa-mir-494

ENSG00000207743|hsa-mir-495 ENSG00000199020|hsa-mir-381 ENSG00000207754|hsa-mir-487b ENSG00000202560|hsa-mir-539 ENSG00000207993|hsa-mir-134 ENSG00000207961|hsa-mir-496 ENSG00000199015|hsa-mir-377

ENSG00000199107|hsa-mir-409 ENSG00000199012|hsa-mir-412 ENSG00000199025|hsa-mir-369 ENSG00000199092|hsa-mir-410

GACAACCTA ENSG00000198981|hsa-mir-29a

GACAAGATA ENSG00000207623|hsa-mir-205

GACAATGAA ENSG00000199153|hsa-mir-30d ENSG00000207582|hsa-mir-30b ENSG00000207933|hsa-mir-9-1 ENSG00000208005|hsa-mir-503 ENSG00000207784|hsa-mir-542

GACAATGCA ENSG00000199088|hsa-mir-379 ENSG00000207749|hsa-mir-299 ENSG00000198982|hsa-mir-380 ENSG00000199069|hsa-mir-323 ENSG00000211582|hsa-mir-758 ENSG00000207761|hsa-mir-329-1 ENSG00000194717|hsa-mir-494

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GACAATTCA ENSG00000210741|hsa-mir-196a-1

GACACAAA ENSG00000207635|hsa-mir-499

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GACACACAA ENSG00000207730|hsa-mir-200b ENSG00000207607|hsa-mir-200a ENSG00000198976|hsa-mir-429

GACACACCC ENSG00000207635|hsa-mir-499

GACACATAC ENSG00000199036|hsa-mir-219-1

GACACCACA ENSG00000199122|hsa-mir-148b

GACACCGAC Xie:ACCACA AML1

GACACCGGA ENSG00000207792|hsa-mir-151 ENSG00000207819|hsa-mir-9-3

GACACCTCC ENSG00000207550|hsa-mir-99b ENSG00000198972|hsa-let-7e ENSG00000207947|hsa-mir-152

GACACCTGA ENSG00000207732|hsa-mir-218-1 ENSG00000207630|hsa-mir-7-3

TCAGGTGTC Xie:CAGGTGW AREB6

GACACGCGC ENSG00000207732|hsa-mir-218-1

GACACGTGA ENSG00000199122|hsa-mir-148b

GACACTGTC ENSG00000202641|hsa-mir-484

GACAGACAA ENSG00000207586|hsa-mir-135a-2

GACAGACTC ENSG00000207950|hsa-mir-296 ENSG00000208037|hsa-mir-320

GACAGCCAA ENSG00000207732|hsa-mir-218-1

GACAGCGGA ENSG00000207955|hsa-mir-219-2

GACAGGGCC ENSG00000207954|hsa-mir-138-1

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GACAGGTCA ENSG00000207618|hsa-mir-144 ENSG00000207794|hsa-mir-451

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GACATCATC ENSG00000208024|hsa-mir-199a-2 ENSG00000207949|hsa-mir-214

GACATCTGC ENSG00000207635|hsa-mir-499

GACATGGCA ENSG00000207597|hsa-mir-490

GACATGTGA ENSG00000198987|hsa-mir-16-2 ENSG00000211574|hsa-mir-770 ENSG00000208001|hsa-mir-431 ENSG00000199005|hsa-mir-370

GACATTCAA ENSG00000207692|hsa-mir-592

GACATTGAA ENSG00000207586|hsa-mir-135a-2

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GACATTTAA ENSG00000198995|hsa-mir-340 ENSG00000199082|hsa-mir-342

GACATTTCC ENSG00000207702|hsa-mir-211

GACATTTGC ENSG00000210741|hsa-mir-196a-1

GACCAACCA ENSG00000207939|hsa-mir-223

GACCAATCC ENSG00000207695|hsa-mir-184

GACCAATGA ENSG00000207624|hsa-mir-194-1 ENSG00000207590|hsa-mir-215

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GACCACCGA ENSG00000207954|hsa-mir-138-1

GACCACGCC ENSG00000199066|hsa-mir-330

GACCACCTCA ENSG00000207571|hsa-mir-615 ENSG00000207731|hsa-mir-506

GACCATACA ENSG00000199153|hsa-mir-30d ENSG00000207582|hsa-mir-30b

GACCATAGA ENSG00000211517|hsa-mir-671

GACCCCGTC ENSG00000199089|hsa-mir-202

GACCCCTTA ENSG00000198981|hsa-mir-29a

GACCCGGAA ENSG00000208017|hsa-mir-140

GACCCGCATC ENSG00000211517|hsa-mir-671

GACCCGCCA ENSG00000199032|hsa-mir-425 ENSG00000207811|hsa-mir-34b ENSG00000207562|hsa-mir-34c

GACCCGAAA ENSG00000208037|hsa-mir-320

GACCCGGAA ENSG00000199085|hsa-mir-148a ENSG00000207586|hsa-mir-135a-2

GACCGGTCC ENSG00000207732|hsa-mir-218-1

GACCTCACCC ENSG00000207571|hsa-mir-615

GACCTCATA ENSG00000207728|hsa-mir-449b ENSG00000207745|hsa-mir-17 ENSG00000207610|hsa-mir-19a ENSG00000199149|hsa-mir-20a

GACCTCATC ENSG00000199130|hsa-mir-365-1 ENSG00000207692|hsa-mir-592

GACCTGACA ENSG00000199053|hsa-mir-324

GACCTGAGC ENSG00000199122|hsa-mir-148b

GACCTGCGC ENSG00000207630|hsa-mir-7-3

GACCTGTGC ENSG00000207797|hsa-mir-187

GACCTTCAA ENSG00000207691|hsa-mir-183 ENSG00000207990|hsa-mir-182 ENSG00000199158|hsa-mir-96

GACCTTCCA ENSG00000207585|hsa-mir-181d ENSG00000207695|hsa-mir-184 ENSG00000208009|hsa-mir-130a

GACCTTGAC ENSG00000207611|hsa-mir-149 ENSG00000207635|hsa-mir-499

GACGAAGCC ENSG00000198973|hsa-mir-375 ENSG00000207614|hsa-mir-193a ENSG00000199187|hsa-mir-365-2 ENSG00000207933|hsa-mir-9-1

GACGACACC ENSG00000207728|hsa-mir-449b

GACGCAAAA ENSG00000207935|hsa-mir-204

GACGCAAGC ENSG00000199089|hsa-mir-202

GACGCAATC ENSG00000207698|hsa-mir-32

GACGCAAGC ENSG00000199038|hsa-mir-210

GACGCAATC ENSG00000199023|hsa-mir-339

GACGCGTCC ENSG00000207819|hsa-mir-9-3

GACGCGACC ENSG00000199032|hsa-mir-425

GACGCGCAC ENSG00000198984|hsa-mir-345

GACGCGGAA ENSG00000199032|hsa-mir-425

| | | | | | | | | | |
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| GCAACTGAC | ENSG00000207630 hsa-mir-7-3 | | | | | | | | |
| GCAACTTCC | ENSG00000207581 hsa-mir-199b | ENSG00000208024 hsa-mir-199a-2 | ENSG00000207949 hsa-mir-214 | | | | | | |
| GCAAGAGGA | ENSG00000207947 hsa-mir-152 | | | | | | | | |
| GCAAGATGC | ENSG00000207933 hsa-mir-9-1 | | | | | | | | |
| GCAAGCGCA | ENSG00000207935 hsa-mir-204 | | | | | | | | |
| GCAAGCTCA | ENSG00000207623 hsa-mir-205 | | | | | | | | |
| GCAATCATA | ENSG00000207745 hsa-mir-17 | ENSG00000207610 hsa-mir-19a | ENSG00000199149 hsa-mir-20a | | | | | | |
| GCAATCCAA | ENSG00000207692 hsa-mir-592 | | | | | | | | |
| GCAATCCCC | ENSG00000208009 hsa-mir-130a | | | | | | | | |
| GCAATCCCC | Xie:RTGCAATMCCC | CHOP-C/EBPALPHA | | | | | | | |
| GCAATCTCC | ENSG00000207635 hsa-mir-499 | ENSG00000207954 hsa-mir-138-1 | | | | | | | |
| GCAATGTCA | ENSG00000199085 hsa-mir-148a | ENSG00000199161 hsa-mir-126 | ENSG00000199024 hsa-mir-103-2 | ENSG00000207586 hsa-mir-135a-2 | | | | | |
| GCAATTAAA | ENSG00000207618 hsa-mir-144 | ENSG00000207794 hsa-mir-451 | | | | | | | |
| GCAATTCCC | ENSG00000207571 hsa-mir-615 | | | | | | | | |
| GCAATTCCC | Xie:CAntTCCS | STAT1 | | | | | | | |
| GCAATTGGA | ENSG00000202641 hsa-mir-484 | ENSG00000207726 hsa-mir-455 | ENSG00000208005 hsa-mir-503 | ENSG00000207784 hsa-mir-542 | | | | | |
| GCACAAAGA | ENSG00000199089 hsa-mir-202 | ENSG00000199090 hsa-mir-326 | | | | | | | |
| GCACAATGA | ENSG00000211590 hsa-mir-802 | | | | | | | | |
| GCACACCCA | ENSG00000211563 hsa-mir-338 | ENSG00000207827 hsa-mir-30a | ENSG00000199094 hsa-mir-30c-2 | | | | | | |
| GCACACGCA | ENSG00000199090 hsa-mir-326 | | | | | | | | |
| GCACACTAA | ENSG00000207651 hsa-mir-28 | | | | | | | | |
| GCACAGTAC | ENSG00000199172 hsa-mir-331 | | | | | | | | |
| GCACATCAA | ENSG00000207950 hsa-mir-296 | | | | | | | | |
| GCACATGAC | ENSG00000207926 hsa-mir-135a-1 | | | | | | | | |
| GCACATGGC | ENSG00000207702 hsa-mir-211 | | | | | | | | |
| GCACATTTAA | ENSG00000207827 hsa-mir-30a | ENSG00000199094 hsa-mir-30c-2 | | | | | | | |
| GCACATTCC | ENSG00000199157 hsa-mir-208 | ENSG00000207568 hsa-mir-203 | | | | | | | |
| GCACCCGGA | ENSG00000199077 hsa-mir-129-2 | | | | | | | | |
| GCACCGCCA | ENSG00000199047 hsa-mir-378 | | | | | | | | |
| GCACCGCCC | ENSG00000199065 hsa-mir-101-2 | | | | | | | | |
| GCACCGGAA | ENSG00000207789 hsa-mir-26a-2 | | | | | | | | |
| GCACCGGCA | ENSG00000199161 hsa-mir-126 | ENSG00000202609 hsa-mir-488 | | | | | | | |
| GCACGCACC | ENSG00000199038 hsa-mir-210 | ENSG00000207955 hsa-mir-219-2 | | | | | | | |
| GCACGCGCA | ENSG00000198974 hsa-mir-30e | ENSG00000207962 hsa-mir-30c-1 | | | | | | | |
| GCACGCGCC | ENSG00000207617 hsa-mir-24-1 | | | | | | | | |
| GCACGTGGA | ENSG00000199089 hsa-mir-202 | ENSG00000207614 hsa-mir-193a | ENSG00000199187 hsa-mir-365-2 | | | | | | |
| GCACGTGGA | Xie:SCACGTG | MYC | | | | | | | |
| TCCACGTGC | Xie:SCACGTG | MYC | | | | | | | |
| GCACTAGAA | ENSG00000199153 hsa-mir-30d | ENSG00000207582 hsa-mir-30b | | | | | | | |
| GCACTCACA | ENSG00000207597 hsa-mir-490 | | | | | | | | |
| GCACTCCCA | ENSG00000207739 hsa-mir-218-2 | ENSG00000199172 hsa-mir-331 | | | | | | | |
| GCACFCGCA | ENSG00000198986 hsa-let-7a-3 | ENSG00000207875 hsa-let-7b | | | | | | | |
| GCACTTAGC | ENSG00000207705 hsa-mir-129-1 | | | | | | | | |
| GCACTTTTA | ENSG00000199024 hsa-mir-103-2 | ENSG00000199172 hsa-mir-331 | | | | | | | |
| GCAGAAACC | ENSG00000208017 hsa-mir-140 | | | | | | | | |
| GCAGACCAC | ENSG00000199066 hsa-mir-330 | ENSG00000207751 hsa-mir-130b | | | | | | | |
| GCAGACTCA | ENSG00000199130 hsa-mir-365-1 | ENSG00000207602 hsa-mir-106a | ENSG00000207572 hsa-mir-363 | ENSG00000207710 hsa-mir-20b | ENSG00000207744 hsa-mir-10b | | | | |
| GCAGATCTA | ENSG00000207717 hsa-mir-551b | | | | | | | | |
| GCAGATGAC | ENSG00000199023 hsa-mir-339 | | | | | | | | |
| GCAGCATAA | ENSG00000199085 hsa-mir-148a | | | | | | | | |
| GCAGCATGA | ENSG00000207586 hsa-mir-135a-2 | | | | | | | | |
| GCAGCCTTA | ENSG00000207702 hsa-mir-211 | ENSG00000207728 hsa-mir-449b | | | | | | | |
| GCAGCGGAA | ENSG00000211517 hsa-mir-671 | ENSG00000207744 hsa-mir-10b | | | | | | | |
| GCAGCGTCA | ENSG00000199032 hsa-mir-425 | | | | | | | | |
| GCAGCTAAC | ENSG00000199085 hsa-mir-148a | | | | | | | | |
| GCAGCTACA | ENSG00000207604 hsa-mir-206 | ENSG00000199080 hsa-mir-133b | | | | | | | |
| GCAGCTTGA | ENSG00000199104 hsa-mir-346 | ENSG00000207618 hsa-mir-144 | ENSG00000207794 hsa-mir-451 | | | | | | |
| GCAGGAAAC | ENSG00000207698 hsa-mir-32 | | | | | | | | |
| GCAGGCTAA | ENSG00000207752 hsa-mir-199a-1 | ENSG00000207819 hsa-mir-9-3 | | | | | | | |
| GCAGGCTCA | ENSG00000199082 hsa-mir-342 | | | | | | | | |
| GCAGGTAAC | ENSG00000207614 hsa-mir-193a | ENSG00000199187 hsa-mir-365-2 | ENSG00000207623 hsa-mir-205 | | | | | | |
| GCAGGTAC | ENSG00000207623 hsa-mir-205 | | | | | | | | |
| GTGACCTGC | Xie:TGACCT | ER | | | | | | | |
| GCAGTTCA | ENSG00000207705 hsa-mir-129-1 | ENSG00000207790 hsa-mir-29b-2 | ENSG00000207966 hsa-mir-29c | | | | | | |
| GCAGTTCC | ENSG00000199130 hsa-mir-365-1 | | | | | | | | |
| GCAGTTGGA | ENSG00000198974 hsa-mir-30e | ENSG00000207962 hsa-mir-30c-1 | | | | | | | |
| GCAGTTTGA | ENSG00000207705 hsa-mir-129-1 | | | | | | | | |
| GCAGTTTTA | ENSG00000199157 hsa-mir-208 | | | | | | | | |
| GCATAAAAA | ENSG00000207721 hsa-mir-186 | | | | | | | | |
| GCATAAAAA | ENSG00000207994 hsa-mir-100 | ENSG00000207971 hsa-mir-125b-1 | ENSG00000198975 hsa-let-7a-2 | | | | | | |
| GCATAATCC | ENSG00000199165 hsa-let-7a-1 | ENSG00000199072 hsa-let-7f-1 | ENSG00000199133 hsa-let-7d | ENSG00000207745 hsa-mir-17 | ENSG00000207610 hsa-mir-19a | ENSG00000199149 hsa-mir-20a | | | |
| GCATATAAC | ENSG00000199130 hsa-mir-365-1 | | | | | | | | |
| GCATCACCC | ENSG00000199024 hsa-mir-103-2 | | | | | | | | |
| GCATCATCA | ENSG00000202609 hsa-mir-488 | | | | | | | | |
| GCATCCACA | ENSG00000207702 hsa-mir-211 | | | | | | | | |
| GCATCCCAC | ENSG00000199157 hsa-mir-208 | | | | | | | | |
| GCATCCGGC | ENSG00000211517 hsa-mir-671 | | | | | | | | |
| GCATCTAAA | ENSG00000207692 hsa-mir-592 | | | | | | | | |
| GCATCTTCA | ENSG00000199065 hsa-mir-101-2 | | | | | | | | |
| GCATGATTA | ENSG00000199135 hsa-mir-101-1 | | | | | | | | |
| GCATGCCCA | ENSG00000207792 hsa-mir-151 | | | | | | | | |
| GCATGCTTA | ENSG00000198974 hsa-mir-30e | ENSG00000207962 hsa-mir-30c-1 | | | | | | | |
| GCATGGAGA | ENSG00000207744 hsa-mir-10b | | | | | | | | |
| GCATGGAGC | ENSG00000199065 hsa-mir-101-2 | ENSG00000199161 hsa-mir-126 | | | | | | | |
| GCATGTGGC | ENSG00000211574 hsa-mir-770 | ENSG00000208001 hsa-mir-431 | ENSG00000199005 hsa-mir-370 | | | | | | |
| GCATTAATA | ENSG00000207624 hsa-mir-194-1 | ENSG00000207590 hsa-mir-215 | | | | | | | |
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| GCATTCCAA | ENSG00000207585 hsa-mir-181d | ENSG00000207604 hsa-mir-206 | ENSG00000199080 hsa-mir-133b | | | | | | |
| GCATTCCAA | Xie:AnTTTCGnWTTCSnA | IRF-7 | | | | | | | |

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 GCCATAGGC ENSG00000207713|hsa-mir-200c ENSG00000207708|hsa-mir-141
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 GCCTATGGC Xie:GCCnngGC AP-2ALPHA
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 GCCATGCAA ENSG00000207980|hsa-mir-23a ENSG00000209707|hsa-mir-24-2 ENSG00000207808|hsa-mir-27a
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 ENSG00000199107|hsa-mir-409 ENSG00000199012|hsa-mir-412 ENSG00000199025|hsa-mir-369 ENSG00000199092|hsa-mir-410 ENSG00000207597|hsa-mir-490 ENSG00000207695|hsa-mir-184
 GCCATGTCC ENSG00000207926|hsa-mir-135a-1
 GCCATGTGA ENSG00000202569|hsa-mir-146b ENSG00000199043|hsa-mir-335
 GCCATTAGC ENSG00000199023|hsa-mir-339
 GCCATTCCA ENSG00000207752|hsa-mir-199a-1
 GCCATTGGA ENSG00000207745|hsa-mir-17 ENSG00000207610|hsa-mir-19a ENSG00000199149|hsa-mir-20a
 GCCATTGTA ENSG00000207819|hsa-mir-9-3
 GCCATTTAC ENSG00000211590|hsa-mir-802
 GCCATTTCA ENSG00000207819|hsa-mir-9-3 ENSG00000199043|hsa-mir-335 ENSG00000207731|hsa-mir-506
 GCCATTTGA ENSG00000208035|hsa-mir-143 ENSG00000207933|hsa-mir-9-1
 GCCATTTTA ENSG00000199032|hsa-mir-425 ENSG00000207585|hsa-mir-181d
 GCCATTTTA Xie:GCCATnTT YY1
 GCCCAACCC ENSG00000199082|hsa-mir-342
 GCCCACACC ENSG00000207695|hsa-mir-184
 GCCCACCTA ENSG00000208005|hsa-mir-503 ENSG00000207784|hsa-mir-542
 GCCCAGCAA ENSG00000199135|hsa-mir-101-1
 GCCCATACA ENSG00000207604|hsa-mir-206 ENSG00000199080|hsa-mir-133b ENSG00000207797|hsa-mir-187
 GCCCATGCA ENSG00000207581|hsa-mir-199b
 GCCCATTGA ENSG00000208036|hsa-mir-106b ENSG00000207547|hsa-mir-25 ENSG00000207757|hsa-mir-93
 GCCCCACAA ENSG00000207604|hsa-mir-206 ENSG00000199080|hsa-mir-133b
 GCCCCAGTA ENSG00000208024|hsa-mir-199a-2 ENSG00000207949|hsa-mir-214
 GCCCCCGCA ENSG00000207567|hsa-mir-142 ENSG00000211517|hsa-mir-671
 GCCCCCTAC ENSG00000207721|hsa-mir-186
 GCCCCGCCC ENSG00000199032|hsa-mir-425 ENSG00000199038|hsa-mir-210
 GGGCGGGGC Xie:GGGCGGGGC SP-1
 GCCCCTCCC ENSG00000207777|hsa-mir-10a
 GCCCGAACC ENSG00000199104|hsa-mir-346 ENSG00000207568|hsa-mir-203 ENSG00000207960|hsa-mir-153-2
 GCCCGACCA ENSG00000207614|hsa-mir-193a ENSG00000199187|hsa-mir-365-2 ENSG00000207751|hsa-mir-130b
 GCCCGCGAA ENSG00000199038|hsa-mir-210
 GCCCGCGCC ENSG00000199065|hsa-mir-101-2
 GCCCGTTTA ENSG00000207926|hsa-mir-135a-1
 GCCCGTCCA ENSG00000199017|hsa-mir-1-1 ENSG00000207764|hsa-mir-133a-2 ENSG00000199157|hsa-mir-208
 GCCCTCCGA ENSG00000207789|hsa-mir-26a-2 ENSG00000199088|hsa-mir-379 ENSG00000207749|hsa-mir-299 ENSG00000198982|hsa-mir-380 ENSG00000199069|hsa-mir-323 ENSG00000211582|hsa-mir-758 ENSG00000207761|hsa-mir-329-1
 ENSG00000194717|hsa-mir-494 ENSG00000207743|hsa-mir-495 ENSG00000199020|hsa-mir-381 ENSG00000207754|hsa-mir-487b ENSG00000202560|hsa-mir-539 ENSG00000207993|hsa-mir-134 ENSG00000207961|hsa-mir-496
 ENSG00000199015|hsa-mir-377 ENSG00000199107|hsa-mir-409 ENSG00000199012|hsa-mir-412 ENSG00000199025|hsa-mir-369 ENSG00000199092|hsa-mir-410
 GCCCTCCTA ENSG00000207617|hsa-mir-24-1
 GCCCTCTAA ENSG00000207811|hsa-mir-34b ENSG00000207562|hsa-mir-34c

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| GCCCTTGAA | ENSG00000207935 hsa-mir-204 | | | |
| GCCCTTTAA | ENSG00000202609 hsa-mir-488 | | | |
| GCCCTTTGA | ENSG00000211590 hsa-mir-802 | | | |
| GCCCTTTGA | Xie:CTTTGA | LEF1 | | |
| GCCGAAGGC | ENSG00000207596 hsa-mir-194-2 | ENSG00000207648 hsa-mir-192 | | |
| GCCGAAGGC | Xie:GCCnnnGGC | AP-2ALPHA | | |
| GCCTTCGGC | Xie:GCCnnnGGC | AP-2ALPHA | | |
| GCCGACGCA | ENSG00000207792 hsa-mir-151 | | | |
| GCCGAGTCA | ENSG00000198984 hsa-mir-345 | ENSG00000207751 hsa-mir-130b | | |
| GCCGAGTGA | ENSG00000207811 hsa-mir-34b | ENSG00000207562 hsa-mir-34c | | |
| GCCGATCCC | ENSG00000207819 hsa-mir-9-3 | | | |
| GCCGCATGA | ENSG00000207953 hsa-mir-212 | | | |
| GCCGCCGTA | ENSG00000199130 hsa-mir-365-1 | | | |
| GCCGCGCTA | ENSG00000207568 hsa-mir-203 | | | |
| GCCGCGTCA | ENSG00000207732 hsa-mir-218-1 | | | |
| GCCGCGTGA | ENSG00000207732 hsa-mir-218-1 | ENSG00000207752 hsa-mir-199a-1 | | |
| GCCGCTCGA | ENSG00000207571 hsa-mir-615 | | | |
| GCCGCTCTA | ENSG00000199104 hsa-mir-346 | | | |
| GCCGCTTAC | ENSG00000207797 hsa-mir-187 | | | |
| GCCGGAAC | ENSG00000208005 hsa-mir-503 | ENSG00000207784 hsa-mir-542 | | |
| GCCGGAACA | ENSG00000207568 hsa-mir-203 | ENSG00000207791 hsa-mir-497 | ENSG00000207929 hsa-mir-195 | |
| GCCGGAAGC | ENSG00000199066 hsa-mir-330 | | | |
| GCCGGAAGC | Xie:vCCGGAAGnGCR | GABP | | |
| GCCGGCCTA | ENSG00000199038 hsa-mir-210 | ENSG00000207691 hsa-mir-183 | ENSG00000207990 hsa-mir-182 | ENSG00000199158 hsa-mir-96 |
| GCCGGCGAA | ENSG00000207571 hsa-mir-615 | | | |
| GCCGGGAAA | ENSG00000207695 hsa-mir-184 | | | |
| GCCGGGGTA | ENSG00000207617 hsa-mir-24-1 | | | |
| GCCGGGTCA | ENSG00000198995 hsa-mir-340 | ENSG00000207955 hsa-mir-219-2 | ENSG00000208017 hsa-mir-140 | |
| GCCGGGTGA | ENSG00000207617 hsa-mir-24-1 | | | |
| GCCGGTCAC | ENSG00000199059 hsa-mir-135b | | | |
| GCCGGTGAC | ENSG00000207585 hsa-mir-181d | | | |
| GCCGTACCA | ENSG00000199017 hsa-mir-1-1 | ENSG00000207764 hsa-mir-133a-2 | ENSG00000199038 hsa-mir-210 | |
| GCCGTGAAC | ENSG00000207819 hsa-mir-9-3 | | | |
| GCCGTGACC | ENSG00000199038 hsa-mir-210 | | | |
| GCCGTGGAA | ENSG00000207713 hsa-mir-200c | ENSG00000207708 hsa-mir-141 | | |
| GCCGTGGGA | ENSG00000211517 hsa-mir-671 | | | |
| GCCTAAAGA | ENSG00000207718 hsa-mir-15a | ENSG00000208006 hsa-mir-16-1 | | |
| GCCTAATTA | ENSG00000199071 hsa-mir-423 | | | |
| GCCTACTTA | ENSG00000199082 hsa-mir-342 | | | |
| GCCTATAAA | ENSG00000207953 hsa-mir-212 | ENSG00000207630 hsa-mir-7-3 | | |
| GCCTATTTA | ENSG00000207827 hsa-mir-30a | ENSG00000199094 hsa-mir-30c-2 | | |
| GCCTCAGAC | ENSG00000207730 hsa-mir-200b | ENSG00000207607 hsa-mir-200a | ENSG00000198976 hsa-mir-429 | ENSG00000207695 hsa-mir-184 |
| GCCTCATCA | ENSG00000199053 hsa-mir-324 | | | |
| GCCTCTGTA | ENSG00000199017 hsa-mir-1-1 | ENSG00000207764 hsa-mir-133a-2 | | |
| GCCTCTTAA | ENSG00000207618 hsa-mir-144 | ENSG00000207794 hsa-mir-451 | | |
| GCCTGCCTA | ENSG00000199059 hsa-mir-135b | | | |
| GCCTGTCAA | ENSG00000207782 hsa-mir-150 | | | |
| TTGACAGGC | Xie:TGACAG | MEIS1 | | |
| GCCTGTTAC | ENSG00000207795 hsa-mir-155 | | | |
| GCCTGTTCC | ENSG00000198973 hsa-mir-375 | | | |
| GCCTTAACC | ENSG00000207713 hsa-mir-200c | ENSG00000207708 hsa-mir-141 | | |
| GCCTTACAA | ENSG00000207819 hsa-mir-9-3 | | | |
| GCCTTATAA | ENSG00000199153 hsa-mir-30d | ENSG00000207582 hsa-mir-30b | ENSG00000207790 hsa-mir-29b-2 | ENSG00000207966 hsa-mir-29c |
| GCCTTCAAC | ENSG00000207597 hsa-mir-490 | | | |
| GCCTTCAGA | ENSG00000199135 hsa-mir-101-1 | | | |
| GCCTTGAAA | ENSG00000199036 hsa-mir-219-1 | | | |
| GCCTTGTC | ENSG00000207809 hsa-mir-139 | | | |
| GCCTTTACC | ENSG00000207713 hsa-mir-200c | ENSG00000207708 hsa-mir-141 | | |
| GCCTTTATA | ENSG00000207624 hsa-mir-194-1 | ENSG00000207590 hsa-mir-215 | | |
| GCCTTTTAA | ENSG00000207789 hsa-mir-26a-2 | ENSG00000207791 hsa-mir-497 | ENSG00000207929 hsa-mir-195 | ENSG00000199135 hsa-mir-101-1 |
| GCCTTTTAC | ENSG00000199058 hsa-mir-302b | ENSG00000199169 hsa-mir-367 | ENSG00000199145 hsa-mir-302d | ENSG00000199102 hsa-mir-302c |
| GCCTTTTTA | ENSG00000208017 hsa-mir-140 | | | |
| GCGAAATTA | ENSG00000199043 hsa-mir-335 | | | |
| GCGAATCAC | ENSG00000208009 hsa-mir-130a | | | |
| GCGACCACA | ENSG00000199085 hsa-mir-148a | | | |
| GCGACCACA | Xie:ACCACA | AML1 | | |
| GCGAGAAGA | ENSG00000199121 hsa-mir-26b | ENSG00000207604 hsa-mir-206 | ENSG00000199080 hsa-mir-133b | |
| GCGAGAGAC | ENSG00000198986 hsa-let-7a-3 | ENSG00000207875 hsa-let-7b | ENSG00000207953 hsa-mir-212 | |
| GCGAGATCA | ENSG00000207809 hsa-mir-139 | | | |
| GCGAGCCAC | ENSG00000207614 hsa-mir-193a | ENSG00000199187 hsa-mir-365-2 | | |
| GCGAGCCCC | ENSG00000208005 hsa-mir-503 | ENSG00000207784 hsa-mir-542 | | |
| GCGATTAGC | ENSG00000207819 hsa-mir-9-3 | | | |
| GCGATTCAA | ENSG00000199071 hsa-mir-423 | | | |
| GCGATTTAA | ENSG00000207726 hsa-mir-455 | | | |
| GCGCAATGA | ENSG00000198987 hsa-mir-16-2 | | | |
| GCGCAGAGA | ENSG00000198974 hsa-mir-30e | ENSG00000207962 hsa-mir-30c-1 | | |
| GCGCAGGTA | ENSG00000207614 hsa-mir-193a | ENSG00000199187 hsa-mir-365-2 | | |
| GCGCATGAA | ENSG00000207777 hsa-mir-10a | | | |
| GCGCATGCC | ENSG00000199090 hsa-mir-326 | ENSG00000207792 hsa-mir-151 | | |
| GCGCATGGA | ENSG00000207623 hsa-mir-205 | | | |
| GCGCATTCC | ENSG00000207955 hsa-mir-219-2 | ENSG00000208035 hsa-mir-143 | | |
| GCGCCAACC | ENSG00000207935 hsa-mir-204 | | | |
| GCGCCAGAC | ENSG00000199047 hsa-mir-378 | ENSG00000207567 hsa-mir-142 | ENSG00000207789 hsa-mir-26a-2 | |
| GCGCCGCTA | ENSG00000207792 hsa-mir-151 | | | |
| GCGCCGTGA | ENSG00000207954 hsa-mir-138-1 | | | |
| GCGCCTATA | ENSG00000207953 hsa-mir-212 | | | |
| GCGCGACCA | ENSG00000207568 hsa-mir-203 | | | |
| GCGCGAGAC | ENSG00000207611 hsa-mir-149 | | | |
| GCGCGCAAC | ENSG00000199085 hsa-mir-148a | | | |
| GCGCGCCTA | ENSG00000207953 hsa-mir-212 | | | |
| GCGCGCGTA | ENSG00000207953 hsa-mir-212 | | | |

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| GCTCCCTTA | ENSG00000207571 hsa-mir-615 | | | |
| GCTCCTTAA | ENSG00000202569 hsa-mir-146b | | | |
| GCTCGCACC | ENSG00000199090 hsa-mir-326 | ENSG00000207611 hsa-mir-149 | ENSG00000198974 hsa-mir-30e | ENSG00000207962 hsa-mir-30c-1 |
| GCTCGGCAC | ENSG00000199032 hsa-mir-425 | | | |
| GCTCGGCGA | ENSG00000207568 hsa-mir-203 | | | |
| GCTCTATTA | ENSG00000199157 hsa-mir-208 | | | |
| GCTCTTAAA | ENSG00000207955 hsa-mir-219-2 | ENSG00000199177 hsa-mir-31 | | |
| GCTCTTATA | ENSG00000198973 hsa-mir-375 | | | |
| GCTCTTGAA | ENSG00000199121 hsa-mir-26b | | | |
| GCTGAAAGC | ENSG00000199172 hsa-mir-331 | | | |
| GCTGACCAC | ENSG00000199066 hsa-mir-330 | | | |
| GCTGACCTA | ENSG00000199053 hsa-mir-324 | | | |
| GCTGACCTA | Xie: TGACCT ER | | | |
| GCTGACGCA | ENSG00000207717 hsa-mir-551b | | | |
| GCTGACGGA | ENSG00000198984 hsa-mir-345 | | | |
| GCTGACTTA | ENSG00000199082 hsa-mir-342 | | | |
| GCTGAGTCA | ENSG00000207567 hsa-mir-142 | | | |
| GCTGAGTCA | Xie: CTGASTCA AP-1 | | | |
| TGACTCAGC | Xie: RTGACTCAGCA NF-E2 | | | |
| GCTGATCAC | ENSG00000207713 hsa-mir-200c | ENSG00000207708 hsa-mir-141 | | |
| GCTGATGGA | ENSG00000207791 hsa-mir-497 | ENSG00000207929 hsa-mir-195 | ENSG00000207954 hsa-mir-138-1 | |
| GCTGATTCA | ENSG00000207695 hsa-mir-184 | | | |
| GCTGATTTA | ENSG00000199153 hsa-mir-30d | ENSG00000207582 hsa-mir-30b | | |
| GCTGCGGAC | ENSG00000207953 hsa-mir-212 | | | |
| GCTGCGTGA | ENSG00000199047 hsa-mir-378 | | | |
| GCTGCTGAC | ENSG00000208024 hsa-mir-199a-2 | ENSG00000207949 hsa-mir-214 | | |
| GCTGCTTTA | ENSG00000208009 hsa-mir-130a | | | |
| GCTGATACC | ENSG00000207705 hsa-mir-129-1 | ENSG00000207630 hsa-mir-7-3 | | |
| GCTGTTGAA | ENSG00000208009 hsa-mir-130a | | | |
| GCTGTTGCA | ENSG00000211563 hsa-mir-338 | | | |
| GCTGTACCA | ENSG00000199004 hsa-mir-21 | | | |
| GCTGTAGAA | ENSG00000207623 hsa-mir-205 | | | |
| GCTGTAGAC | ENSG00000207797 hsa-mir-187 | | | |
| GCTGTCCAA | ENSG00000202641 hsa-mir-484 | ENSG00000199135 hsa-mir-101-1 | | |
| GCTGTGCAA | ENSG00000199121 hsa-mir-26b | | | |
| GCTGTGGAC | ENSG00000199066 hsa-mir-330 | ENSG00000207698 hsa-mir-32 | | |
| GCTGTGTAA | ENSG00000207721 hsa-mir-186 | | | |
| GCTGTTGAA | ENSG00000207597 hsa-mir-490 | | | |
| GCTGTTGAC | ENSG00000207827 hsa-mir-30a | ENSG00000199094 hsa-mir-30c-2 | | |
| GCTGTTGTA | ENSG00000208035 hsa-mir-143 | | | |
| GCTGTTTAC | ENSG00000207797 hsa-mir-187 | | | |
| GCTGTTTGA | ENSG00000207827 hsa-mir-30a | ENSG00000199094 hsa-mir-30c-2 | | |
| GCTTAAATA | ENSG00000199172 hsa-mir-331 | | | |
| GCTTAAATTA | ENSG00000207995 hsa-mir-325 | | | |
| GCTTACCAC | ENSG00000207926 hsa-mir-135a-1 | | | |
| GCTTACTCA | ENSG00000199172 hsa-mir-331 | | | |
| GCTTACTTA | ENSG00000207721 hsa-mir-186 | | | |
| GCTTAGCAC | ENSG00000198973 hsa-mir-375 | | | |
| GCTTAGGAA | ENSG00000202609 hsa-mir-488 | ENSG00000207694 hsa-mir-1-2 | | |
| GCTTATTTA | ENSG00000207731 hsa-mir-506 | | | |
| GCTTCAAAC | ENSG00000207790 hsa-mir-29b-2 | ENSG00000207966 hsa-mir-29c | | |
| GCTTCACCC | ENSG00000199082 hsa-mir-342 | | | |
| GCTTCATCA | ENSG00000207695 hsa-mir-184 | | | |
| GCTTCCAAC | ENSG00000199090 hsa-mir-326 | | | |
| GCTTCTTAC | ENSG00000207550 hsa-mir-99b | ENSG00000198972 hsa-let-7e | ENSG00000199024 hsa-mir-103-2 | |
| GCTTCTAGA | ENSG00000207633 hsa-mir-505 | ENSG00000207694 hsa-mir-1-2 | | |
| GCTTCTCAC | ENSG00000207702 hsa-mir-211 | | | |
| GCTTGATGA | ENSG00000207571 hsa-mir-615 | | | |
| GCTTGATTA | ENSG00000207548 hsa-mir-217 | | | |
| GCTTGATAA | ENSG00000207797 hsa-mir-187 | | | |
| GCTTGTTAA | ENSG00000207726 hsa-mir-455 | | | |
| GCTTGTTGA | ENSG00000207604 hsa-mir-206 | ENSG00000199080 hsa-mir-133b | ENSG00000207692 hsa-mir-592 | |
| GCTTGTTTA | ENSG00000207585 hsa-mir-181d | ENSG00000207618 hsa-mir-144 | ENSG00000207794 hsa-mir-451 | |
| GCTTTATCC | ENSG00000207809 hsa-mir-139 | | | |
| GCTTTATGA | ENSG00000207596 hsa-mir-194-2 | ENSG00000207648 hsa-mir-192 | ENSG00000198981 hsa-mir-29a | |
| GCTTTGAAC | ENSG00000199047 hsa-mir-378 | ENSG00000199161 hsa-mir-126 | | |
| GCTTTGAAC | Xie: CTTTGA LEF1 | | | |
| GTTCAAAGC | Xie: WTCAAAGS TCF-4 | | | |
| GCTTTGACA | ENSG00000207597 hsa-mir-490 | | | |
| GCTTTGACA | Xie: CTTTGA LEF1 | | | |
| GCTTTGCAC | ENSG00000207797 hsa-mir-187 | | | |
| GCTTTGCTA | ENSG00000207789 hsa-mir-26a-2 | | | |
| GCTTTGGCA | ENSG00000198981 hsa-mir-29a | ENSG00000207744 hsa-mir-10b | | |
| GCTTTGGCC | ENSG00000199088 hsa-mir-379 | ENSG00000207749 hsa-mir-299 | ENSG00000198982 hsa-mir-380 | ENSG00000199069 hsa-mir-323 |
| GCTTTGTCA | ENSG00000207743 hsa-mir-495 | ENSG00000199020 hsa-mir-381 | ENSG00000207754 hsa-mir-487b | ENSG00000202560 hsa-mir-539 |
| GCTTTGTCC | ENSG00000199107 hsa-mir-409 | ENSG00000199012 hsa-mir-412 | ENSG00000199025 hsa-mir-369 | ENSG00000207993 hsa-mir-134 |
| GCTTTGTCC | ENSG00000199053 hsa-mir-324 | | | ENSG00000207961 hsa-mir-496 |
| GCTTTGTCC | ENSG00000202609 hsa-mir-488 | | | ENSG00000199015 hsa-mir-377 |
| GCTTTTATA | ENSG00000207953 hsa-mir-212 | ENSG00000207630 hsa-mir-7-3 | | |
| GCTTTTTTA | ENSG00000199059 hsa-mir-135b | | | |
| GGAAAATTA | ENSG00000207950 hsa-mir-296 | | | |
| TAATTTTCC | Xie: AWTTC TCC IY | | | |
| GGAAAGTTA | ENSG00000199085 hsa-mir-148a | | | |
| GGAAATCAC | ENSG00000208024 hsa-mir-199a-2 | ENSG00000207949 hsa-mir-214 | | |
| GGAAATTCA | ENSG00000207947 hsa-mir-152 | | | |
| TGAATTTCC | Xie: AWTTC TCC IY | | | |
| GGAAATTTCA | MATCH: V\$HMG IY_Q6 HMG IY | | | |
| GGAAACAACC | ENSG00000207751 hsa-mir-130b | | | |
| GGAAACAATA | ENSG00000207933 hsa-mir-9-1 | | | |
| TATTGTTC | Xie: ATTGTT SOX-5 | | | |
| GGAACTACA | ENSG00000207698 hsa-mir-32 | | | |

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| GGGAGATAA | ENSG00000199089 hsa-mir-202 | ENSG00000207933 hsa-mir-9-1 | | | |
| GGGAGGAAA | ENSG00000199036 hsa-mir-219-1 | | | | |
| GGGAGGTAA | ENSG00000207635 hsa-mir-499 | ENSG00000207926 hsa-mir-135a-1 | | | |
| GGGAGTAAA | ENSG00000199122 hsa-mir-148b | | | | |
| GGGAGTTCA | ENSG00000207728 hsa-mir-449b | | | | |
| GGGATATAA | ENSG00000199157 hsa-mir-208 | | | | |
| GGGATCTCA | ENSG00000207604 hsa-mir-206 | ENSG00000199080 hsa-mir-133b | | | |
| GGGATGCCC | ENSG00000207744 hsa-mir-10b | | | | |
| GGGATGTGA | ENSG00000207947 hsa-mir-152 | | | | |
| GGGATTGAC | ENSG00000199038 hsa-mir-210 | ENSG00000202609 hsa-mir-488 | | | |
| GGGATTGCA | ENSG00000207792 hsa-mir-151 | | | | |
| | TGCAATCCC Xie:RTGCAATMCCC CHOP-C/EBPALPHA | | | | |
| GGGATTGGA | ENSG00000207751 hsa-mir-130b | ENSG00000207630 hsa-mir-7-3 | | | |
| GGGATTTGA | ENSG00000207819 hsa-mir-9-3 | | | | |
| GGGCACACC | ENSG00000199130 hsa-mir-365-1 | ENSG00000210741 hsa-mir-196a-1 | | | |
| GGGCACGAA | ENSG00000207702 hsa-mir-211 | | | | |
| GGGCAGCTA | ENSG00000207728 hsa-mir-449b | ENSG00000207809 hsa-mir-139 | ENSG00000211574 hsa-mir-770 | ENSG00000208001 hsa-mir-431 | ENSG00000199005 hsa-mir-370 |
| GGGCCAGCA | ENSG00000207947 hsa-mir-152 | | | | |
| GGGCCGGAA | ENSG00000199066 hsa-mir-330 | ENSG00000207791 hsa-mir-497 | ENSG00000207929 hsa-mir-195 | | |
| GGGCCGTAC | ENSG00000199038 hsa-mir-210 | | | | |
| GGGCCGTTA | ENSG00000207728 hsa-mir-449b | | | | |
| GGCCCTTAA | ENSG00000207713 hsa-mir-200c | ENSG00000207708 hsa-mir-141 | | | |
| GGCCCTTCA | ENSG00000207691 hsa-mir-183 | ENSG00000207990 hsa-mir-182 | ENSG00000199158 hsa-mir-96 | ENSG00000207935 hsa-mir-204 | ENSG00000207954 hsa-mir-138-1 |
| GGCGGATTA | ENSG00000207819 hsa-mir-9-3 | | | | |
| GGCGCGGAA | ENSG00000207777 hsa-mir-10a | | | | |
| GGCGGCTGA | ENSG00000199122 hsa-mir-148b | | | | |
| GGCGGGCAA | ENSG00000199017 hsa-mir-1-1 | ENSG00000207764 hsa-mir-133a-2 | | | |
| GGGCTAGAA | ENSG00000207698 hsa-mir-32 | | | | |
| GGGCTGACC | ENSG00000202609 hsa-mir-488 | | | | |
| GGGCTTTAA | ENSG00000207713 hsa-mir-200c | ENSG00000207708 hsa-mir-141 | ENSG00000207548 hsa-mir-217 | | |
| GGGCTTTTA | ENSG00000207955 hsa-mir-219-2 | | | | |
| GGGGAACAA | ENSG00000199085 hsa-mir-148a | | | | |
| GGGGAGATA | ENSG00000199089 hsa-mir-202 | | | | |
| GGGGAGGGA | ENSG00000198986 hsa-let-7a-3 | ENSG00000207875 hsa-let-7b | | | |
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| | GGGGAGGGA MATCH:V\$MAZ_Q6 MAZ | | | | |
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| GGGGATTAA | ENSG00000207571 hsa-mir-615 | | | | |
| | GGGGATTAA Xie:KGRGATTA CRX | | | | |
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| GGGGCTGAC | ENSG00000202609 hsa-mir-488 | | | | |
| GGGGCTGTA | ENSG00000207726 hsa-mir-455 | | | | |
| GGGGGCACC | ENSG00000207948 hsa-mir-328 | | | | |
| GGGGTTTCA | ENSG00000207568 hsa-mir-203 | ENSG00000207692 hsa-mir-592 | | | |
| GGGGTCCGA | ENSG00000207811 hsa-mir-34b | ENSG00000207562 hsa-mir-34c | | | |
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| GGGGTTGAC | ENSG00000207732 hsa-mir-218-1 | | | | |
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| GGGTAATGA | ENSG00000207955 hsa-mir-219-2 | | | | |
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| GGGTACACAC | ENSG00000199066 hsa-mir-330 | | | | |
| GGGTACATCA | ENSG00000207596 hsa-mir-194-2 | ENSG00000207648 hsa-mir-192 | | | |
| GGGTACATA | ENSG00000207602 hsa-mir-106a | ENSG00000207572 hsa-mir-363 | ENSG00000207710 hsa-mir-20b | | |
| GGGTACGTC | ENSG00000207585 hsa-mir-181d | | | | |
| GGGTCTCAC | ENSG00000199066 hsa-mir-330 | | | | |
| GGGTCTTCA | ENSG00000199121 hsa-mir-26b | ENSG00000207751 hsa-mir-130b | | | |
| GGGTGACAC | ENSG00000199161 hsa-mir-126 | | | | |
| GGGTGATGA | ENSG00000199053 hsa-mir-324 | | | | |
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| GGTATATA | ENSG00000199017 hsa-mir-1-1 | ENSG00000207764 hsa-mir-133a-2 | | | |
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| GGTCAGCGA | ENSG00000207713 hsa-mir-200c | ENSG00000207708 hsa-mir-141 | | | |
| GGTCATCAA | ENSG00000207571 hsa-mir-615 | | | | |
| GGTCATTTA | ENSG00000199085 hsa-mir-148a | ENSG00000207638 hsa-mir-99a | ENSG00000207863 hsa-mir-125b-2 | | |
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| GGTCCGCCA | ENSG00000207656 hsa-mir-489 | | | | |

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 ENSG00000207743|hsa-mir-495 ENSG00000199020|hsa-mir-381 ENSG00000207754|hsa-mir-487b ENSG00000202560|hsa-mir-539 ENSG00000207993|hsa-mir-134 ENSG00000207961|hsa-mir-496 ENSG00000199015|hsa-mir-377
 ENSG00000199107|hsa-mir-409 ENSG00000199012|hsa-mir-412 ENSG00000199025|hsa-mir-369 ENSG00000199092|hsa-mir-410
 GTGACGTTA ENSG00000208037|hsa-mir-320
 GTGACTACA ENSG00000199077|hsa-mir-129-2 ENSG00000208009|hsa-mir-130a

| | | | | | | | | | |
|-----------------------------|--------------------------------|--------------------------------|------------------------------|--------------------------------|------------------------------|-------------------------------|-------------------------------|--|--|
| GTTGTTGCA | ENSG00000207935 hsa-mir-204 | ENSG00000207548 hsa-mir-217 | | | | | | | |
| GTTGTTTAA | ENSG00000207725 hsa-mir-222 | ENSG00000207870 hsa-mir-221 | | | | | | | |
| GTTGTTTAA | Xie:KTWGTTT SRY | | | | | | | | |
| GTTTAAATA | ENSG00000199085 hsa-mir-148a | | | | | | | | |
| GTTTAAAGCA | ENSG00000207718 hsa-mir-15a | ENSG00000208006 hsa-mir-16-1 | | | | | | | |
| GTTTACAAA | ENSG00000207732 hsa-mir-218-1 | | | | | | | | |
| GTTTACTAA | ENSG00000207624 hsa-mir-194-1 | ENSG00000207590 hsa-mir-215 | | | | | | | |
| GTTTAGGAA | ENSG00000207585 hsa-mir-181d | ENSG00000207926 hsa-mir-135a-1 | | | | | | | |
| GTTTATGTA | ENSG00000199122 hsa-mir-148b | | | | | | | | |
| GTTTATTTA | ENSG00000208037 hsa-mir-320 | | | | | | | | |
| GTTTATTTA | Xie:TGTTTATTAC FREAC-3 | | | | | | | | |
| GTTTATTTA | Xie:TRTTTRYTYW HNF-3 | | | | | | | | |
| TAAATAAAC | Xie:WAAAYAAACAATM FOX | | | | | | | | |
| GTTTCAAAC | ENSG00000207795 hsa-mir-155 | | | | | | | | |
| GTTTCACCA | ENSG00000208005 hsa-mir-503 | ENSG00000207784 hsa-mir-542 | | | | | | | |
| GTTTCCGGA | ENSG00000199017 hsa-mir-1-1 | ENSG00000207764 hsa-mir-133a-2 | | | | | | | |
| GTTTCTCAA | ENSG00000202641 hsa-mir-484 | | | | | | | | |
| GTTTCTTAA | ENSG00000208037 hsa-mir-320 | | | | | | | | |
| GTTTCTTTA | ENSG00000207960 hsa-mir-153-2 | ENSG00000208037 hsa-mir-320 | | | | | | | |
| GTTTGACAA | ENSG00000211574 hsa-mir-770 | ENSG00000208001 hsa-mir-431 | ENSG00000199005 hsa-mir-370 | | | | | | |
| GTTTGACTA | ENSG00000207586 hsa-mir-135a-2 | | | | | | | | |
| GTTTGATCA | ENSG00000207777 hsa-mir-10a | | | | | | | | |
| GTTTGCCCTA | ENSG00000207795 hsa-mir-155 | | | | | | | | |
| GTTTGGTCA | ENSG00000207827 hsa-mir-30a | ENSG00000199094 hsa-mir-30c-2 | | | | | | | |
| GTTTGTAATA | ENSG00000207732 hsa-mir-218-1 | | | | | | | | |
| GTTTTCAGA | ENSG00000207728 hsa-mir-449b | | | | | | | | |
| TAAAATGTA | ENSG00000207585 hsa-mir-181d | | | | | | | | |
| TAAACCTTA | ENSG00000207692 hsa-mir-592 | | | | | | | | |
| TAAACGGAA | ENSG00000207777 hsa-mir-10a | | | | | | | | |
| TAAAGGCCA | ENSG00000207713 hsa-mir-200c | ENSG00000207708 hsa-mir-141 | ENSG00000199122 hsa-mir-148b | | | | | | |
| TAAAGTGCA | ENSG00000199172 hsa-mir-331 | ENSG00000207995 hsa-mir-325 | | | | | | | |
| TAAATCCCA | ENSG00000207586 hsa-mir-135a-2 | ENSG00000207721 hsa-mir-186 | | | | | | | |
| TAAATGCTA | ENSG00000207585 hsa-mir-181d | | | | | | | | |
| TAAATTTCCA | ENSG00000202569 hsa-mir-146b | | | | | | | | |
| TAACAACCTA | ENSG00000207745 hsa-mir-17 | ENSG00000207610 hsa-mir-19a | ENSG00000199149 hsa-mir-20a | | | | | | |
| TAACAGCTA | ENSG00000199058 hsa-mir-302b | ENSG00000199169 hsa-mir-367 | ENSG00000199145 hsa-mir-302d | ENSG00000199102 hsa-mir-302c | | | | | |
| TAACAGGAA | ENSG00000207725 hsa-mir-222 | ENSG00000207870 hsa-mir-221 | | | | | | | |
| TAACATTCA | ENSG00000198995 hsa-mir-340 | | | | | | | | |
| TAACCAAGA | ENSG00000199043 hsa-mir-335 | ENSG00000207790 hsa-mir-29b-2 | ENSG00000207966 hsa-mir-29c | | | | | | |
| TAACCTTAA | ENSG00000199153 hsa-mir-30d | ENSG00000207582 hsa-mir-30b | | | | | | | |
| TAACCTTGA | ENSG00000207744 hsa-mir-10b | | | | | | | | |
| TAACCTATA | ENSG00000207718 hsa-mir-15a | ENSG00000208006 hsa-mir-16-1 | | | | | | | |
| TAACCTTCA | ENSG00000207827 hsa-mir-30a | ENSG00000199094 hsa-mir-30c-2 | | | | | | | |
| TAACCTTGA | ENSG00000198974 hsa-mir-30e | ENSG00000207962 hsa-mir-30c-1 | | | | | | | |
| TAAGGGCAA | ENSG00000207702 hsa-mir-211 | | | | | | | | |
| TAAGGTGCA | ENSG00000202609 hsa-mir-488 | | | | | | | | |
| TAAGGTGGA | ENSG00000207955 hsa-mir-219-2 | ENSG00000199122 hsa-mir-148b | | | | | | | |
| TAAGTAGAA | ENSG00000198984 hsa-mir-345 | | | | | | | | |
| TAATCTACA | ENSG00000208017 hsa-mir-140 | | | | | | | | |
| TAATGAGGA | ENSG00000199135 hsa-mir-101-1 | | | | | | | | |
| TAATGATCA | ENSG00000199153 hsa-mir-30d | ENSG00000207582 hsa-mir-30b | | | | | | | |
| TAATGGCAA | ENSG00000199023 hsa-mir-339 | | | | | | | | |
| TAATGGCCA | ENSG00000199088 hsa-mir-379 | ENSG00000207749 hsa-mir-299 | ENSG00000198982 hsa-mir-380 | ENSG00000199069 hsa-mir-323 | ENSG00000211582 hsa-mir-758 | ENSG00000207761 hsa-mir-329-1 | ENSG00000194717 hsa-mir-494 | | |
| ENSG00000207743 hsa-mir-495 | ENSG00000199020 hsa-mir-381 | ENSG00000207754 hsa-mir-487b | ENSG00000202560 hsa-mir-539 | ENSG00000207993 hsa-mir-134 | ENSG00000207961 hsa-mir-496 | ENSG00000199015 hsa-mir-377 | | | |
| ENSG00000199107 hsa-mir-409 | ENSG00000199012 hsa-mir-412 | ENSG00000199025 hsa-mir-369 | ENSG00000199092 hsa-mir-410 | | | | | | |
| TAATGGGGA | ENSG00000207745 hsa-mir-17 | ENSG00000207610 hsa-mir-19a | ENSG00000199149 hsa-mir-20a | | | | | | |
| TAATGGTGA | ENSG00000207744 hsa-mir-10b | | | | | | | | |
| TAATTGCAA | ENSG00000207617 hsa-mir-24-1 | | | | | | | | |
| TAATTGCCA | ENSG00000199058 hsa-mir-302b | ENSG00000199169 hsa-mir-367 | ENSG00000199145 hsa-mir-302d | ENSG00000199102 hsa-mir-302c | | | | | |
| TAATTTAGA | ENSG00000208035 hsa-mir-143 | ENSG00000207721 hsa-mir-186 | | | | | | | |
| TACAACAGA | ENSG00000207717 hsa-mir-551b | | | | | | | | |
| TACAAGCCA | ENSG00000207797 hsa-mir-187 | | | | | | | | |
| TACAGCAAA | ENSG00000207702 hsa-mir-211 | | | | | | | | |
| TACATAAAA | ENSG00000207717 hsa-mir-551b | | | | | | | | |
| TACATCAGA | ENSG00000207597 hsa-mir-490 | | | | | | | | |
| TACCATAGA | ENSG00000199071 hsa-mir-423 | | | | | | | | |
| TACCCACAA | ENSG00000199177 hsa-mir-31 | | | | | | | | |
| TACCCGAAA | ENSG00000202641 hsa-mir-484 | | | | | | | | |
| TACCTGTCA | ENSG00000207713 hsa-mir-200c | ENSG00000207708 hsa-mir-141 | ENSG00000207994 hsa-mir-100 | ENSG00000207971 hsa-mir-125b-1 | ENSG00000198975 hsa-let-7a-2 | | | | |
| TGACAGGTA | Xie:TGACAG MEI1 | | | | | | | | |
| TACTAAACA | ENSG00000210741 hsa-mir-196a-1 | | | | | | | | |
| TACTCAACA | ENSG00000199043 hsa-mir-335 | | | | | | | | |
| TACTCCCA | ENSG00000207948 hsa-mir-328 | | | | | | | | |
| TACTGAGCA | ENSG00000207649 hsa-mir-138-2 | | | | | | | | |
| TACTTGTGA | ENSG00000199177 hsa-mir-31 | ENSG00000207790 hsa-mir-29b-2 | ENSG00000207966 hsa-mir-29c | ENSG00000207933 hsa-mir-9-1 | | | | | |
| TAGACTCAA | ENSG00000207638 hsa-mir-99a | ENSG00000207863 hsa-mir-125b-2 | | | | | | | |
| TAGACTTGA | ENSG00000208024 hsa-mir-199a-2 | ENSG00000207949 hsa-mir-214 | | | | | | | |
| TAGAGCTGA | ENSG00000199058 hsa-mir-302b | ENSG00000199169 hsa-mir-367 | ENSG00000199145 hsa-mir-302d | ENSG00000199102 hsa-mir-302c | | | | | |
| TAGATGATA | ENSG00000208017 hsa-mir-140 | ENSG00000199082 hsa-mir-342 | | | | | | | |
| TAGCATTAA | ENSG00000199058 hsa-mir-302b | ENSG00000199169 hsa-mir-367 | ENSG00000199145 hsa-mir-302d | ENSG00000199102 hsa-mir-302c | ENSG00000199153 hsa-mir-30d | ENSG00000207582 hsa-mir-30b | ENSG00000207624 hsa-mir-194-1 | | |
| ENSG00000207590 hsa-mir-215 | | | | | | | | | |
| TAGCGGAAA | ENSG00000208009 hsa-mir-130a | | | | | | | | |
| TAGGATTAA | ENSG00000207624 hsa-mir-194-1 | ENSG00000207590 hsa-mir-215 | ENSG00000207721 hsa-mir-186 | | | | | | |
| TAGGCCTCA | ENSG00000208009 hsa-mir-130a | | | | | | | | |
| TAGGGGTCA | ENSG00000207954 hsa-mir-138-1 | | | | | | | | |
| TAGGTGGAA | ENSG00000211563 hsa-mir-338 | ENSG00000207630 hsa-mir-7-3 | | | | | | | |
| TAGGTGGCA | ENSG00000207585 hsa-mir-181d | | | | | | | | |
| TAGGTGTCA | ENSG00000207797 hsa-mir-187 | | | | | | | | |
| TAGTAAACA | ENSG00000208024 hsa-mir-199a-2 | ENSG00000207949 hsa-mir-214 | | | | | | | |
| TAGTAACCA | ENSG00000199165 hsa-let-7a-1 | ENSG00000199072 hsa-let-7f-1 | ENSG00000199133 hsa-let-7d | ENSG00000202609 hsa-mir-488 | | | | | |
| TAGTCACAA | ENSG00000207995 hsa-mir-325 | | | | | | | | |

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|-----------|--------------------------------|--------------------------------|--------------------------------|------------------------------|
| TCCCACAAA | ENSG00000207702 hsa-mir-211 | | | |
| TCCCAGGAA | ENSG00000208009 hsa-mir-130a | | | |
| TCCCAGCAA | ENSG00000199090 hsa-mir-326 | | | |
| TCCCGCTCA | ENSG00000207811 hsa-mir-34b | ENSG00000207562 hsa-mir-34c | | |
| TCCCGCGCA | ENSG00000207695 hsa-mir-184 | | | |
| TCCCGGTCA | ENSG00000207933 hsa-mir-9-1 | | | |
| TCCCTCGGA | ENSG00000207726 hsa-mir-455 | | | |
| TCCCTGCGA | ENSG00000199065 hsa-mir-101-2 | | | |
| TCCCTTAAA | ENSG00000198987 hsa-mir-16-2 | | | |
| TCCGAGAAA | ENSG00000207789 hsa-mir-26a-2 | | | |
| TCCGAGGAA | ENSG00000198984 hsa-mir-345 | | | |
| TCCGCTTCA | ENSG00000207630 hsa-mir-7-3 | | | |
| TCCGGGTCA | ENSG00000208017 hsa-mir-140 | | | |
| TCCGTTTCA | ENSG00000198987 hsa-mir-16-2 | | | |
| TCCGTTTCA | MATCH:V\$VMB_02 v-Myb | | | |
| TCCTAATAA | ENSG00000208037 hsa-mir-320 | ENSG00000199165 hsa-let-7a-1 | ENSG00000199072 hsa-let-7f-1 | ENSG00000199133 hsa-let-7d |
| TCCTAATCA | ENSG00000207548 hsa-mir-217 | | | |
| TCCTGATAA | ENSG00000207651 hsa-mir-28 | | | |
| TCCTTAAAA | ENSG00000199032 hsa-mir-425 | | | |
| TCCTTAGCA | ENSG00000207728 hsa-mir-449b | | | |
| TCCTTTGAA | ENSG00000207702 hsa-mir-211 | | | |
| TCCTTTGAA | Xie:CTTTGA LEF1 | | | |
| TTCAAAGGA | Xie:WTCAAAGS TCF-4 | | | |
| TCGAGGTCA | ENSG00000198973 hsa-mir-375 | | | |
| TGACCTCGA | Xie:TGACCT ER | | | |
| TCGCCCGGA | ENSG00000207792 hsa-mir-151 | | | |
| TCGCCTGCA | ENSG00000207953 hsa-mir-212 | | | |
| TCGCCTTCA | ENSG00000207726 hsa-mir-455 | | | |
| TCGGGAGAA | ENSG00000207698 hsa-mir-32 | | | |
| TCGGCGTCA | ENSG00000199071 hsa-mir-423 | | | |
| TCGGTCCA | ENSG00000207635 hsa-mir-499 | ENSG00000208005 hsa-mir-503 | ENSG00000207784 hsa-mir-542 | |
| TCGGCTGAA | ENSG00000202569 hsa-mir-146b | | | |
| TCGGGAAAA | ENSG00000207994 hsa-mir-100 | ENSG00000207971 hsa-mir-125b-1 | ENSG00000198975 hsa-let-7a-2 | |
| TCGGGGACA | ENSG00000199032 hsa-mir-425 | | | |
| TCGTCCCA | ENSG00000207933 hsa-mir-9-1 | | | |
| TCGTACAA | ENSG00000198987 hsa-mir-16-2 | | | |
| TCTAAACCA | ENSG00000202609 hsa-mir-488 | | | |
| TCTAGCCCA | ENSG00000207819 hsa-mir-9-3 | | | |
| TCTAGGCAA | ENSG00000199017 hsa-mir-1-1 | ENSG00000207764 hsa-mir-133a-2 | ENSG00000207752 hsa-mir-199a-1 | |
| TCTAGGTCA | ENSG00000210741 hsa-mir-196a-1 | | | |
| TGACCTAGA | Xie:TGACCT ER | | | |
| TGACCTAGA | Xie:TGACCTAnWTW RORALPHA2 | | | |
| TCTAGTAAA | ENSG00000202609 hsa-mir-488 | | | |
| TCTATCTAA | ENSG00000199165 hsa-let-7a-1 | ENSG00000199072 hsa-let-7f-1 | ENSG00000199133 hsa-let-7d | |
| TCTATTTAA | ENSG00000207571 hsa-mir-615 | | | |
| TCTCAATAA | ENSG00000199065 hsa-mir-101-2 | ENSG00000199130 hsa-mir-365-1 | | |
| TCTCATTTA | ENSG00000198984 hsa-mir-345 | ENSG00000207548 hsa-mir-217 | | |
| TCTGCAGAA | ENSG00000199053 hsa-mir-324 | | | |
| TCTGCTCAA | ENSG00000199066 hsa-mir-330 | | | |
| TCTGTAAAA | ENSG00000199121 hsa-mir-26b | | | |
| TCTTAAAGA | ENSG00000207955 hsa-mir-219-2 | ENSG00000208037 hsa-mir-320 | | |
| TCTTATCAA | ENSG00000207865 hsa-mir-34a | | | |
| TCTTCATCA | ENSG00000207752 hsa-mir-199a-1 | | | |
| TCTTTGTCA | ENSG00000199077 hsa-mir-129-2 | | | |
| TGAAAACCA | ENSG00000207702 hsa-mir-211 | | | |
| TGAACTAAA | ENSG00000199085 hsa-mir-148a | | | |
| TGAACTGCA | ENSG00000199161 hsa-mir-126 | ENSG00000207717 hsa-mir-551b | | |
| TGAAGACA | ENSG00000199157 hsa-mir-208 | | | |
| TGAAGGTCA | ENSG00000207691 hsa-mir-183 | ENSG00000207990 hsa-mir-182 | ENSG00000199158 hsa-mir-96 | ENSG00000207717 hsa-mir-551b |
| TGACCTTCA | Xie:TGACCT ER | | | |
| TGAAGTGCA | ENSG00000202641 hsa-mir-484 | | | |
| TGACAATCA | ENSG00000199122 hsa-mir-148b | | | |
| TGACACCAA | ENSG00000207948 hsa-mir-328 | | | |
| TGACAGCAA | ENSG00000207618 hsa-mir-144 | ENSG00000207794 hsa-mir-451 | | |
| TGACCCAAA | ENSG00000207550 hsa-mir-99b | ENSG00000198972 hsa-let-7e | ENSG00000207586 hsa-mir-135a-2 | |
| TGACCGACA | ENSG00000199135 hsa-mir-101-1 | | | |
| TGACCTCAA | ENSG00000199135 hsa-mir-101-1 | | | |
| TGACCTCAA | Xie:TGACCT ER | | | |
| TGACGTCAA | ENSG00000207953 hsa-mir-212 | | | |
| TGACGTCAA | Xie:TGACGTCARRG ATF-1 | | | |
| TGACGTCAA | Xie:TGACGTMA CREB | | | |
| TTGACGTCA | Xie:TGACGTMA CREB | | | |
| TGACGTGAA | ENSG00000198995 hsa-mir-340 | | | |
| TGACGTGAA | MATCH:V\$ATF6_01 ATF6 | | | |
| TGAGCCCAA | ENSG00000207618 hsa-mir-144 | ENSG00000207794 hsa-mir-451 | | |
| TGAGCGGCA | ENSG00000199065 hsa-mir-101-2 | | | |
| TGAGCTAAA | ENSG00000202569 hsa-mir-146b | | | |
| TGAGGACAA | ENSG00000207947 hsa-mir-152 | | | |
| TGAGTCCA | ENSG00000207745 hsa-mir-17 | ENSG00000207610 hsa-mir-19a | ENSG00000199149 hsa-mir-20a | |
| TGAGTAACA | ENSG00000199059 hsa-mir-135b | ENSG00000198974 hsa-mir-30e | ENSG00000207962 hsa-mir-30c-1 | |
| TGAGTCACA | ENSG00000207752 hsa-mir-199a-1 | | | |
| TGAGTGGCA | ENSG00000199177 hsa-mir-31 | | | |
| TGATCATCA | ENSG00000207954 hsa-mir-138-1 | | | |
| TGATCTAAA | ENSG00000199177 hsa-mir-31 | ENSG00000207586 hsa-mir-135a-2 | ENSG00000207624 hsa-mir-194-1 | ENSG00000207590 hsa-mir-215 |
| TGATGGGCA | ENSG00000199036 hsa-mir-219-1 | ENSG00000207604 hsa-mir-206 | ENSG00000199080 hsa-mir-133b | |
| TGATGTCAA | ENSG00000198995 hsa-mir-340 | | | |
| TGATTAACA | ENSG00000207745 hsa-mir-17 | ENSG00000207610 hsa-mir-19a | ENSG00000199149 hsa-mir-20a | |
| TGATTCACA | ENSG00000198973 hsa-mir-375 | | | |
| TGCAATAAA | ENSG00000207728 hsa-mir-449b | | | |
| TGCAATCCA | ENSG00000207630 hsa-mir-7-3 | ENSG00000207692 hsa-mir-592 | | |
| TGCAGCGCA | ENSG00000198981 hsa-mir-29a | | | |

TTTACTAAA
TTTCCGAAA

ENSG00000207624|hsa-mir-194-1
ENSG00000207694|hsa-mir-1-2

ENSG00000207590|hsa-mir-215