Table S1. Conserved miRNAs grouped by consensus sequence

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Consensus sequence | Expression values | miRNA name | Species | Exact mature 5' | Mature 5' | Unique exact mature 5' | Unique mature 5' |
| TGTTCTTGACGTCTGGACCACG | 44 228 | MIR951 | *Picea abies* | 42206 | 44228 | 42206 | 44228 |
| TCTGGGCCCCGGTGGTTTATGA | 32 536 | MIR950 | *Picea abies* | 0 | 32536 | 0 | 32536 |
| TCACATCTGGGCCACGATGGTT | 32 502 | MIR950 | *Picea abies* | 22460 | 32502 | 22460 | 32502 |
| CAGCCCTTCTCCTATCCACAA | 24 633 | MIR946a//MIR946b | *Pinus taeda* | 50 | 24633 | 0 | 22747 |
| TCTTCCCTACTCCTCCCATTCC | 16 718 | MIR482a//MIR482b | *Pinus taeda//Picea abies* | 15417 | 16718 | 15417 | 16702 |
| TTCCACAGCTTTCTTGAACTT | 13 427 | MIR396b//MIR396c//MIR396 | *Arabidopsis thaliana//Oryza sativa//Pinus taeda* | 12253 | 13427 | 12253 | 13427 |
| TGACAACGAGAGAGAGCACGC | 11 674 | MIR535//MIR535a//MIR535b//MIR535c | *Oryza sativa//Vitis vinifera//Picea abies* | 8497 | 11674 | 8497 | 11325 |
| TCGGACCAGGCTTCATTCCCC | 10 572 | MIR166a//MIR166b//MIR166c//MIR166d//MIR166e//MIR166f//MIR166g//MIR166j | *Arabidopsis thaliana//Oryza sativa//Populus trichocarpa* | 8257 | 10572 | 0 | 256 |
| TTCCACAGCTTTCTTGAACTA | 9 310 | MIR396a | *Vitis vinifera//Picea abies* | 8569 | 9310 | 8569 | 9308 |
| TTCCACGGCTTTCTTGAACTT | 6 863 | MIR396g//MIR396b//MIR396c | *Populus trichocarpa//Picea abies* | 5991 | 6863 | 0 | 398 |
| TAAACAGTGCCCACCCTTCATC | 5 737 | MIR3701 | *Picea abies* | 0 | 5737 | 0 | 5737 |
| TCAGAGTTTTGCCAGTTCCGCC | 5 687 | MIR1311 | *Picea abies* | 4707 | 5687 | 4707 | 5687 |
| TTTGGTTTGAAGGGAGCTCTA | 4 472 | MIR159 | *Pinus densata* | 2436 | 4472 | 2436 | 4472 |
| TCTTCCCTATTCCTCCCATTCC | 4 243 | MIR482b | *Picea abies* | 11 | 4243 | 11 | 4234 |
| TCTTTCCTACTCCTCCCATTCC | 3 765 | MIR482c | *Picea abies* | 3211 | 3765 | 3211 | 3759 |
| TCGGCCTTGAATGTTAGGAGAA | 3 395 | MIR1314 | *Pinus taeda* | 344 | 3395 | 344 | 3395 |
| TTTGGAGAGAAAATGGCGACAT | 3 024 | MIR1312 | *Pinus taeda* | 187 | 3024 | 187 | 3024 |
| TCAGGTCCTCGGTGGTTTAT | 2 464 | MIR950a//MIR950b | *Pinus taeda* | 0 | 2464 | 0 | 0 |
| CATCGGAATCTGTTACTGTTTC | 2 260 | MIR947 | *Pinus taeda* | 2018 | 2260 | 2018 | 2260 |
| TGACAGAAGAGAGTGAGCAC | 1 580 | MIR156a//MIR156b//MIR156c//MIR156d//MIR156e//MIR156f//MIR156g | *Arabidopsis thaliana//Zea mays//Nicotiana tabacum* | 1455 | 1580 | 0 | 36 |
| TGTTCTTGACGTCTGGACCAC | 1 501 | MIR951 | *Pinus taeda* | 1299 | 1501 | 1299 | 1501 |
| AGAATCTTGATGATGCTGCAT | 1 318 | MIR172a//MIR172f//MIR172i | *Oryza sativa//Nicotiana tabacum* | 1196 | 1318 | 1196 | 1318 |
| TACCACTGAAATTATTGTTCG | 1 240 | MIR1313 | *Pinus taeda* | 41 | 1240 | 41 | 1240 |
| TGAAGCTGCCAGCATGATCTGG | 1 140 | MIR167d//MIR167a//MIR167b//MIR167c | *Arabidopsis thaliana//Nicotiana tabacum* | 982 | 1140 | 982 | 1049 |
| TATCGGAATCTGTTACTGTTTC | 1 058 | MIR947 | *Picea abies* | 1 | 1058 | 1 | 1058 |
| TCTCCGGGAATCCAATGCGCC | 944 | MIR949 | *Pinus taeda* | 31 | 944 | 31 | 944 |
| TTCCACAGCTTTCTTGAACT | 799 | MIR396b | *Vitis vinifera* | 373 | 799 | 373 | 799 |
| GACAGAAGATAGACTTTGGTC | 747 | MIR3699 | *Picea abies* | 0 | 747 | 0 | 747 |
| TCGGACCAGGCTTCATTCCCT | 709 | MIR166m | *Oryza sativa* | 695 | 709 | 695 | 708 |
| TGTGGATAGAGAAGGGTTAGT | 692 | MIR946a | *Pinus taeda* | 386 | 692 | 386 | 692 |
| TCGATAAACCTCTGCATCCAG | 561 | MIR162 | *Acacia auriculiformis* | 419 | 561 | 419 | 561 |
| AGAAGAGAGAGAGTACAGCCT | 424 | MIR529 | *Zea mays* | 8 | 424 | 8 | 424 |
| AGATCATGTGGCAGTTTCACC | 361 | MIR167f//MIR167g//MIR167h | *Populus trichocarpa* | 0 | 361 | 0 | 0 |
| TCTTGCTCAAATGAGTGTTCCA | 353 | MIR828b | *Vitis vinifera* | 302 | 353 | 302 | 353 |
| TCCATACACAAACCATTGGAA | 296 | MIR1316 | *Pinus taeda* | 4 | 296 | 4 | 296 |
| GCTCACTTCTCTTTCTGTCAGC | 288 | MIR156f//MIR156h//MIR156l//MIR156d | *Oryza sativa//Zea mays* | 0 | 288 | 0 | 2 |
| AAGCTCAGGAGGGATAGCGCC | 255 | MIR390a//MIR390b//MIR390 | *Arabidopsis thaliana//Oryza sativa* | 200 | 255 | 0 | 3 |
| TGGGAACCTGACGGGCCTCCA | 246 | MIR3710 | *Picea abies* | 10 | 246 | 10 | 246 |
| TCCCACGGCTTTCTTGAACTT | 217 | MIR396 | *Pinus densata* | 4 | 217 | 4 | 217 |
| TTCCACAGCTTTCTTGAACTG | 210 | MIR396c//MIR396 | *Vitis vinifera//Acacia auriculiformis* | 14 | 210 | 14 | 208 |
| CTCAAGAAAGCCGTGGGAAAA | 200 | MIR396g | *Populus trichocarpa* | 4 | 200 | 4 | 200 |
| TTATTGAGTGCAGCGTTGATG | 188 | MIR397b | *Oryza sativa* | 0 | 188 | 0 | 188 |
| TGTGTTCCAAGGTCACCCCAG | 185 | MIR398 | *Pinus taeda* | 0 | 185 | 0 | 185 |
| TCGCTTGGTGCAGGTCGGGAA | 170 | MIR168a//MIR168b | *Arabidopsis thaliana* | 33 | 170 | 0 | 0 |
| TTCCACAGGCTTTCTTGAACTG | 165 | MIR396c//MIR396d | *Zea mays* | 0 | 165 | 0 | 0 |
| TTGGATTGAAGGGAGCTCCA | 157 | MIR159a | *Pinus taeda* | 0 | 157 | 0 | 155 |
| TGGAGGCCTGTCAGGTTCCCA | 140 | MIR1315 | *Pinus taeda* | 0 | 140 | 0 | 140 |
| TGGAGAAGCAGGGCACGTGCG | 127 | MIR164c | *Arabidopsis thaliana* | 122 | 127 | 122 | 125 |
| GGAATCTTGATGATGCTGCAT | 119 | MIR172e | *Arabidopsis thaliana* | 0 | 119 | 0 | 119 |
| CAGAAGATAGAGAGCACATC | 111 | MIR156a | *Pinus taeda* | 0 | 111 | 0 | 111 |
| TCTTGCTCAAATGAGTATTCCA | 106 | MIR828a//MIR828b | *Populus trichocarpa* | 88 | 106 | 0 | 0 |
| TCGGACCAGGCTTCATTCCC | 99 | MIR166h//MIR166e//MIR166i//MIR166f//MIR166g//MIR166b//MIR166c//MIR166d | *Zea mays* | 85 | 99 | 0 | 0 |
| TCTTGCCTACTCCTCCCATT | 98 | MIR482a | *Populus trichocarpa* | 0 | 98 | 0 | 98 |
| TGCACTGCCTCTTCCCTGGCT | 93 | MIR408 | *Nicotiana tabacum* | 79 | 93 | 79 | 93 |
| TGCCTGGCTCCCTGTATGCCA | 92 | MIR160a//MIR160b//MIR160c | *Arabidopsis thaliana* | 64 | 92 | 0 | 1 |
| TGAACAATGCCCACCCTTCATC | 90 | MIR3701 | *Pinus densata* | 3 | 90 | 3 | 90 |
| TTTGGACTGAAGGGAGCTCCT | 85 | MIR319e | *Vitis vinifera* | 0 | 85 | 0 | 85 |
| CTTGGATTGAAGGGAGCTCCC | 71 | MIR159c | *Pinus taeda* | 0 | 71 | 0 | 68 |
| GGAATGTTGTCTGGCTCGAGG | 71 | MIR166d | *Oryza sativa* | 65 | 71 | 65 | 71 |
| TTGGATTGAAGAGAGCTCCC | 69 | MIR159b | *Pinus taeda* | 1 | 69 | 1 | 68 |
| CCGGCCTCGAATGTTAGGAGAA | 64 | MIR1314 | *Pinus densata* | 1 | 64 | 1 | 64 |
| CAGCCAAGGATGACTTGCCTA | 52 | MIR169 | *Pinus densata* | 22 | 52 | 22 | 52 |
| TGATTGAGCCGTGCCAATATC | 51 | MIR171b//MIR171c//MIR171d//MIR171e//MIR171f | *Oryza sativa* | 50 | 51 | 0 | 0 |
| TTCCATCTCTTGCACACTGGA | 44 | MIR2950 | *Vitis vinifera* | 0 | 44 | 0 | 44 |
| TTGCCGACCCCACCCATGCCAA | 44 | MIR482d | *Populus trichocarpa* | 0 | 44 | 0 | 44 |
| CCGACCTTAGCTCAGTTGGTG | 41 | MIR6478 | *Populus trichocarpa* | 1 | 41 | 1 | 41 |
| TCCTCCCTACTCCTCCCATT | 41 | MIR482d | *Pinus taeda* | 0 | 41 | 0 | 41 |
| TCCACAGGCTTTCTTGAACTG | 33 | MIR396e | *Oryza sativa* | 0 | 33 | 0 | 33 |
| TCGGACCAGGCTTCATTCC | 33 | MIR166a//MIR166b | *Vitis vinifera//Pinus densata* | 9 | 33 | 0 | 19 |
| TGAAGCTGCCAGCATGATCTG | 33 | MIR167d//MIR167e//MIR167f//MIR167g//MIR167h//MIR167i//MIR167j | *Oryza sativa//Zea mays//Populus trichocarpa* | 21 | 33 | 0 | 8 |
| AGAAGAGAGAGAGTACAGCTT | 30 | MIR529b | *Oryza sativa* | 0 | 30 | 0 | 30 |
| GGCTTGCGAGGATAGGAAAAA | 30 | MIR482d | *Picea abies* | 0 | 30 | 0 | 30 |
| TGTGATCAAGATCAGACTCCCA | 30 | MIR3712 | *Pinus densata* | 0 | 30 | 0 | 30 |
| TTTGGATTGAAGGGAGCTCCT | 30 | MIR159c | *Arabidopsis thaliana* | 0 | 30 | 0 | 29 |
| AATCTCTTGGTGCTTATTCGC | 28 | MIR3702 | *Picea abies* | 0 | 28 | 0 | 28 |
| TCACAAGTTCATCCAAGCACCA | 28 | MIR3623 | *Vitis vinifera* | 0 | 28 | 0 | 28 |
| TTCCTAATGCCTCCCATTCCTA | 28 | MIR2118g//MIR2118c | *Oryza sativa//Zea mays* | 0 | 28 | 0 | 24 |
| CTGAAGTGTTTGGGGGGACTC | 27 | MIR395b//MIR395c//MIR395f | *Arabidopsis thaliana* | 0 | 27 | 0 | 0 |
| TCGGACCAGGCTTCATCCCCC | 23 | MIR165a//MIR165b | *Arabidopsis thaliana* | 5 | 23 | 0 | 1 |
| TTTGGATTGAAGGGAGCTCTT | 21 | MIR159b | *Arabidopsis thaliana* | 0 | 21 | 0 | 14 |
| TTTGGGAATCTCTCTGATGCAC | 20 | MIR3630 | *Vitis vinifera* | 0 | 20 | 0 | 20 |
| TTTTAGCCAGAGTTGTTTTCCC | 20 | MIR6024 | *Nicotiana tabacum* | 0 | 20 | 0 | 20 |
| CTTGGATTGAAGGGAGCTCCT | 19 | MIR159d | *Populus trichocarpa* | 8 | 19 | 8 | 19 |
| TCAGCCAAGGATGACTTGCCG | 18 | MIR169s | *Populus trichocarpa* | 1 | 18 | 1 | 18 |
| TGTGTTCTCAGGTCGCCCCTG | 18 | MIR398b//MIR398 | *Oryza sativa//Nicotiana tabacum* | 0 | 18 | 0 | 18 |
| TTGACAGAAGATAGAGAGCAC | 17 | MIR157a//MIR157b//MIR157c | *Arabidopsis thaliana* | 0 | 17 | 0 | 0 |
| TTTGGATTGAAGGGAGCTCTA | 17 | MIR159a//MIR159b | *Arabidopsis thaliana//Populus trichocarpa* | 1 | 17 | 1 | 3 |
| AGATCATGTTGCAGCTTCACT | 16 | MIR167e//MIR167i | *Oryza sativa* | 0 | 16 | 0 | 0 |
| CCTTTCCAACGCCTCCCATGCC | 16 | MIR482d | *Pinus densata* | 0 | 16 | 0 | 16 |
| TCGCTTGGTGCAGATCGGGAC | 15 | MIR168a | *Oryza sativa* | 0 | 15 | 0 | 15 |
| TCATTGAGTGCAGCGTTGACG | 14 | MIR397 | *Picea abies* | 0 | 14 | 0 | 14 |
| CTTGGATTGAAGGGAGCTCTA | 13 | MIR159f | *Oryza sativa* | 0 | 13 | 0 | 13 |
| TTGGCATTCTGTCCACCTCC | 13 | MIR394a//MIR394b | *Arabidopsis thaliana//Zea mays//Populus trichocarpa* | 5 | 13 | 0 | 5 |
| CAGCCAAGGATGACTTGCCGG | 12 | MIR169b//MIR169c | *Arabidopsis thaliana* | 8 | 12 | 0 | 4 |
| TGAAGCTGCCAGCATGATCTA | 12 | MIR167a//MIR167b//MIR167c | *Arabidopsis thaliana//Populus trichocarpa* | 0 | 12 | 0 | 1 |
| GAGCCAAGAATGACTTGCCGG | 11 | MIR169t | *Populus trichocarpa* | 0 | 11 | 0 | 11 |
| AACAGAGCATGCCATTGGTG | 10 | MIR952a//MIR952b | *Pinus densata* | 0 | 10 | 0 | 0 |
| TCTGGTCCACGGTGGTTTAT | 10 | MIR950 | *Pinus densata* | 0 | 10 | 0 | 10 |
| TTCCTAGTGCCTCCCATTCCTA | 10 | MIR2118i | *Oryza sativa* | 0 | 10 | 0 | 7 |
| ATGCACTGCCTCTTCCCTGGC | 9 | MIR408 | *Arabidopsis thaliana//Populus trichocarpa* | 0 | 9 | 0 | 9 |
| TCGGACCAGGCTTCATTCCTC | 9 | MIR166g//MIR166h | *Oryza sativa* | 8 | 9 | 0 | 1 |
| TGACAGAAGATAGAGAGCAC | 9 | MIR157d//MIR156g//MIR156h | *Arabidopsis thaliana//Nicotiana tabacum* | 0 | 9 | 0 | 4 |
| TTCCCAATGCCTCCCATGCCTA | 9 | MIR2118e//MIR2118r | *Oryza sativa* | 0 | 9 | 0 | 0 |
| TTTCGTTGTCTGTTCGACCTT | 8 | MIR858a | *Arabidopsis thaliana* | 0 | 8 | 0 | 8 |
| GGAGCATCATCAAGATTCACA | 7 | MIR172g | *Populus trichocarpa* | 0 | 7 | 0 | 7 |
| TACCACTGAAATTGTTGTTCG | 7 | MIR1313 | *Pinus densata* | 0 | 7 | 0 | 7 |
| TAGCCAAGAATGACTTGCCTA | 7 | MIR169n//MIR169o | *Oryza sativa* | 0 | 7 | 0 | 0 |
| TGATGGCCCTTTTGAAGGACA | 7 | MIR1309 | *Pinus taeda* | 0 | 7 | 0 | 7 |
| TTTCCAATTCCACCCATTCCTA | 7 | MIR482a//MIR482c | *Nicotiana tabacum* | 0 | 7 | 0 | 0 |
| ATTGGTTTGAAGGGAGCTCCA | 6 | MIR159e | *Zea mays* | 0 | 6 | 0 | 6 |
| TAGCCAAGGATGACTTGCCTA | 6 | MIR169g | *Oryza sativa//Zea mays* | 3 | 6 | 3 | 6 |
| TGGAGAAGCAGGGCACGTGCA | 6 | MIR164a//MIR164b | *Arabidopsis thaliana* | 4 | 6 | 0 | 0 |
| CGCTATCCATCCTGAGTTTTA | 5 | MIR390d | *Populus trichocarpa* | 0 | 5 | 0 | 5 |
| GCTGTACCCTCTCTCTTCTTC | 5 | MIR529 | *Zea mays* | 0 | 5 | 0 | 5 |
| GGTCAAGAAAGCTGTGGGAAG | 5 | MIR396c | *Oryza sativa* | 0 | 5 | 0 | 5 |
| TCCAAAGGGATCGCATTGATCC | 5 | MIR393b | *Zea mays* | 0 | 5 | 0 | 5 |
| TTCCTGATGCCTCCCATTCCTA | 5 | MIR2118f//MIR2118j//MIR2118m | *Oryza sativa* | 0 | 5 | 0 | 0 |
| CCGGACCAGGCTTCATCCCAG | 4 | MIR166c | *Pinus taeda* | 0 | 4 | 0 | 4 |
| TAGCCAAGGATGACTTGCCCA | 4 | MIR169v//MIR169w | *Populus trichocarpa* | 0 | 4 | 0 | 0 |
| TGAGCCAAGGATGACTTGCCG | 4 | MIR169d//MIR169e//MIR169f//MIR169g | *Arabidopsis thaliana* | 0 | 4 | 0 | 0 |
| TTTGGATTGAAGGGAGCTCTG | 4 | MIR159a//MIR159b | *Oryza sativa* | 0 | 4 | 0 | 0 |
| ATTGGATTGAAGGGAGCTCCA | 3 | MIR159c | *Oryza sativa* | 0 | 3 | 0 | 2 |
| TCTCCACAGGCTTTCTTGAACT | 3 | MIR396f | *Oryza sativa* | 0 | 3 | 0 | 2 |
| TGATTGAGCCGCGTCAATATC | 3 | MIR171b | *Vitis vinifera* | 3 | 3 | 3 | 3 |
| TTGAGCCGCGCCAATATCACT | 3 | MIR171b | *Nicotiana tabacum* | 3 | 3 | 3 | 3 |
| CAGCCAAGAATGATTTGCCGG | 2 | MIR169z | *Populus trichocarpa* | 0 | 2 | 0 | 2 |
| CAGCCAAGGATGACTTGCCGA | 2 | MIR169a//MIR169b//MIR169c | *Arabidopsis thaliana//Populus trichocarpa* | 0 | 2 | 0 | 0 |
| CGACAGAAGAGAGTGAGCAC | 2 | MIR156g | *Arabidopsis thaliana* | 1 | 2 | 1 | 1 |
| CGATTCCCCAGCGGAGTCGCCA | 2 | MIR5072 | *Oryza sativa* | 0 | 2 | 0 | 2 |
| CTCAAGAAAGCTGTGGGAGA | 2 | MIR396e | *Populus trichocarpa* | 0 | 2 | 0 | 2 |
| GGCAAGTTGTCCTTGGCTACA | 2 | MIR169r | *Zea mays* | 0 | 2 | 0 | 2 |
| TAAGCTGCCAGCATGATCTTG | 2 | MIR167c | *Arabidopsis thaliana* | 0 | 2 | 0 | 2 |
| TCGAACCAGGCTTCATTCCCC | 2 | MIR166e | *Oryza sativa* | 0 | 2 | 0 | 2 |
| TCGATAAACCTCTGCATCCA | 2 | MIR162 | *Zea mays* | 0 | 2 | 0 | 2 |
| TTCCTATACCACCCATTCCCTA | 2 | MIR3633a | *Vitis vinifera* | 0 | 2 | 0 | 2 |
| TTGAGCCGTGCCAATATCACG | 2 | MIR171b//MIR171c//MIR171a | *Arabidopsis thaliana//Populus trichocarpa* | 0 | 2 | 0 | 0 |
| TTGGACTGAAGGGAGCTCCCT | 2 | MIR319 | *Acacia auriculiformis* | 0 | 2 | 0 | 2 |
| TTTTCCCTACTCCACCCATCCC | 2 | MIR472a | *Populus trichocarpa* | 0 | 2 | 0 | 2 |
| AACAGAACATGCCATTGGTG | 1 | MIR952c | *Pinus densata* | 0 | 1 | 0 | 1 |
| AACTGAGAATGCCATTGGTG | 1 | MIR952b | *Pinus taeda* | 0 | 1 | 0 | 1 |
| AAGCCAAGGATGACTTGCCTG | 1 | MIR169o | *Populus trichocarpa* | 0 | 1 | 0 | 1 |
| AGAATCTTGATGATGCTGCAG | 1 | MIR172c//MIR172d | *Arabidopsis thaliana* | 1 | 1 | 0 | 0 |
| AGACTACAATTATCTGATCA | 1 | MIR5083 | *Oryza sativa* | 0 | 1 | 0 | 1 |
| ATGAAGTGTTTGGAGGAACTC | 1 | MIR395o | *Oryza sativa* | 0 | 1 | 0 | 0 |
| ATTGGATTGAAGGGAGCTCCG | 1 | MIR159d | *Oryza sativa* | 0 | 1 | 0 | 1 |
| CATGTGCCCTTCTTCTCCATC | 1 | MIR164c//MIR164h | *Zea mays* | 0 | 1 | 0 | 0 |
| CGACAGAAGAGAGTGAGCATA | 1 | MIR156l | *Oryza sativa* | 0 | 1 | 0 | 1 |
| CGCCAAAGGAGAGTTGCCCTG | 1 | MIR399i | *Vitis vinifera* | 0 | 1 | 0 | 1 |
| CTCAGGAGAGATGACACCGAC | 1 | MIR1432 | *Zea mays* | 0 | 1 | 0 | 1 |
| CTGAAGTGTTTGGGGGAACTC | 1 | MIR395e//MIR395f//MIR395k | *Populus trichocarpa* | 0 | 1 | 0 | 0 |
| GATCATGTTGCAGCTTCAC | 1 | MIR167h//MIR167i | *Zea mays* | 0 | 1 | 0 | 0 |
| GCAGCACCATCAAGATTCAC | 1 | MIR172d | *Oryza sativa* | 0 | 1 | 0 | 1 |
| GGCTTGCGAGGGTAGGAAAAG | 1 | MIR482c | *Pinus densata* | 0 | 1 | 0 | 1 |
| TAATCTGCATCCTGAGGTTTG | 1 | MIR2111a//MIR2111b | *Populus trichocarpa* | 1 | 1 | 0 | 0 |
| TAGCCAAGGATGACTTGCCTG | 1 | MIR169h//MIR169i//MIR169j//MIR169k//MIR169l//MIR169m//MIR169n | *Arabidopsis thaliana* | 0 | 1 | 0 | 1 |
| TAGCTCTGATACCAATTGATA | 1 | MIR845a//MIR845b | *Vitis vinifera* | 0 | 1 | 0 | 0 |
| TCATTGAGTGCAGCGTTGATG | 1 | MIR397a | *Arabidopsis thaliana* | 0 | 1 | 0 | 1 |
| TCGGACCAGGCTTCATTCCTT | 1 | MIR166n//MIR166o | *Populus trichocarpa* | 0 | 1 | 0 | 0 |
| TGAAGCTGCCAGCATGATCTT | 1 | MIR167f//MIR167g | *Populus trichocarpa* | 0 | 1 | 0 | 1 |
| TGACAGAAGAGAGAGAGCAC | 1 | MIR156j | *Arabidopsis thaliana* | 0 | 1 | 0 | 1 |
| TGACAGAAGAGAGAGAGCAT | 1 | MIR156h | *Vitis vinifera* | 0 | 1 | 0 | 1 |
| TGACAGAGGAGAGTGAGCAC | 1 | MIR156e | *Vitis vinifera* | 1 | 1 | 1 | 1 |
| TGCCAAAGGAGATTTGCCCCG | 1 | MIR399d | *Arabidopsis thaliana* | 0 | 1 | 0 | 1 |
| TGTGATCAAGATCAGACTACCA | 1 | MIR3712 | *Picea abies* | 0 | 1 | 0 | 1 |
| TTCCACGGCTTTCTTGAACTG | 1 | MIR396f | *Populus trichocarpa* | 1 | 1 | 1 | 1 |
| TTGAGCCGTGCCAATATCACA | 1 | MIR171f | *Zea mays* | 0 | 1 | 0 | 1 |
| TTGGACTGAAGGGAGCTCC | 1 | MIR319 | *Pinus taeda* | 0 | 1 | 0 | 1 |
| TTGGACTGAAGGGAGCTCCTT | 1 | MIR319c | *Arabidopsis thaliana* | 0 | 1 | 0 | 1 |
| TTGGGCTGAAGGGAGCTCCC | 1 | MIR319i | *Populus trichocarpa* | 0 | 1 | 0 | 1 |
| TTTGGTTTCCTCCAATATCTCA | 1 | MIR2275a//MIR2275b | *Oryza sativa* | 0 | 1 | 0 | 0 |