**Supplement 1:** Exiqon Pick-&-Mix microRNA PCR Panel with a custom selection of 84 miRNAs.

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| --- | --- |
| **microRNA Name** | **Target sequence** |
| hsa-let-7a-5p | UGAGGUAGUAGGUUGUAUAGUU |
| hsa-miR-122-5p | UGGAGUGUGACAAUGGUGUUUG |
| hsa-miR-134-5p | UGUGACUGGUUGACCAGAGGGG |
| hsa-miR-137 | UUAUUGCUUAAGAAUACGCGUAG |
| hsa-miR-145-5p | GUCCAGUUUUCCCAGGAAUCCCU |
| hsa-miR-181a-5p | AACAUUCAACGCUGUCGGUGAGU |
| hsa-miR-181c-5p | AACAUUCAACCUGUCGGUGAGU |
| hsa-miR-183-5p | UAUGGCACUGGUAGAAUUCACU |
| hsa-miR-184 | UGGACGGAGAACUGAUAAGGGU |
| hsa-miR-200a-3p | UAACACUGUCUGGUAACGAUGU |
| hsa-miR-200c-3p | UAAUACUGCCGGGUAAUGAUGGA |
| hsa-miR-320d | AAAAGCUGGGUUGAGAGGA |
| hsa-miR-34a-5p | UGGCAGUGUCUUAGCUGGUUGU |
| hsa-miR-141-3p | UAACACUGUCUGGUAAAGAUGG |
| hsa-miR-182-5p | UUUGGCAAUGGUAGAACUCACACU |
| hsa-miR-200b-3p | UAAUACUGCCUGGUAAUGAUGA |
| hsa-miR-203a | GUGAAAUGUUUAGGACCACUAG |
| hsa-miR-21-5p | UAGCUUAUCAGACUGAUGUUGA |
| hsa-miR-296-5p | AGGGCCCCCCCUCAAUCCUGU |
| hsa-miR-302a-3p | UAAGUGCUUCCAUGUUUUGGUGA |
| hsa-miR-429 | UAAUACUGUCUGGUAAAACCGU |
| hsa-miR-9-5p | UCUUUGGUUAUCUAGCUGUAUGA |
| hsa-miR-96-5p | UUUGGCACUAGCACAUUUUUGCU |
| hsa-let-7b-5p | UGAGGUAGUAGGUUGUGUGGUU |
| hsa-let-7c-5p | UGAGGUAGUAGGUUGUAUGGUU |
| hsa-let-7d-5p | AGAGGUAGUAGGUUGCAUAGUU |
| hsa-let-7e-5p | UGAGGUAGGAGGUUGUAUAGUU |
| hsa-let-7f-5p | UGAGGUAGUAGAUUGUAUAGUU |
| hsa-let-7g-5p | UGAGGUAGUAGUUUGUACAGUU |
| hsa-let-7i-5p | UGAGGUAGUAGUUUGUGCUGUU |
| hsa-miR-16-5p | UAGCAGCACGUAAAUAUUGGCG |
| hsa-miR-17-5p | CAAAGUGCUUACAGUGCAGGUAG |
| hsa-miR-181b-5p | AACAUUCAUUGCUGUCGGUGGGU |
| hsa-miR-22-3p | AAGCUGCCAGUUGAAGAACUGU |
| hsa-miR-373-3p | GAAGUGCUUCGAUUUUGGGGUGU |
| hsa-miR-517a-3p | AUCGUGCAUCCCUUUAGAGUGU |
| hsa-miR-105-5p | UCAAAUGCUCAGACUCCUGUGGU |
| hsa-miR-106b-5p | UAAAGUGCUGACAGUGCAGAU |
| hsa-miR-125b-5p | UCCCUGAGACCCUAACUUGUGA |
| hsa-miR-132-3p | UAACAGUCUACAGCCAUGGUCG |
| hsa-miR-135b-5p | UAUGGCUUUUCAUUCCUAUGUGA |
| hsa-miR-142-3p | UGUAGUGUUUCCUACUUUAUGGA |
| hsa-miR-146a-5p | UGAGAACUGAAUUCCAUGGGUU |
| hsa-miR-146b-5p | UGAGAACUGAAUUCCAUAGGCU |
| hsa-miR-150-5p | UCUCCCAACCCUUGUACCAGUG |
| hsa-miR-155-5p | UUAAUGCUAAUCGUGAUAGGGGU |
| hsa-miR-16-2-3p | CCAAUAUUACUGUGCUGCUUUA |
| hsa-miR-193a-3p | AACUGGCCUACAAAGUCCCAGU |
| hsa-miR-199b-5p | CCCAGUGUUUAGACUAUCUGUUC |
| hsa-miR-20a-5p | UAAAGUGCUUAUAGUGCAGGUAG |
| hsa-miR-221-3p | AGCUACAUUGUCUGCUGGGUUUC |
| hsa-miR-222-3p | AGCUACAUCUGGCUACUGGGU |
| hsa-miR-223-3p | UGUCAGUUUGUCAAAUACCCCA |
| hsa-miR-25-3p | CAUUGCACUUGUCUCGGUCUGA |
| hsa-miR-299-5p | UGGUUUACCGUCCCACAUACAU |
| hsa-miR-29b-3p | UAGCACCAUUUGAAAUCAGUGUU |
| hsa-miR-31-5p | AGGCAAGAUGCUGGCAUAGCU |
| hsa-miR-409-3p | GAAUGUUGCUCGGUGAACCCCU |
| hsa-miR-423-5p | UGAGGGGCAGAGAGCGAGACUUU |
| hsa-miR-455-3p | GCAGUCCAUGGGCAUAUACAC |
| hsa-miR-455-5p | UAUGUGCCUUUGGACUACAUCG |
| hsa-miR-494-3p | UGAAACAUACACGGGAAACCUC |
| hsa-miR-516a-5p | UUCUCGAGGAAAGAAGCACUUUC |
| hsa-miR-522-3p | AAAAUGGUUCCCUUUAGAGUGU |
| hsa-miR-744-5p | UGCGGGGCUAGGGCUAACAGCA |
| hsa-miR-103a-3p | AGCAGCAUUGUACAGGGCUAUGA |
| hsa-miR-10a-5p | UACCCUGUAGAUCCGAAUUUGUG |
| hsa-miR-1181 | CCGUCGCCGCCACCCGAGCCG |
| hsa-miR-1207-5p | UGGCAGGGAGGCUGGGAGGGG |
| hsa-miR-128-3p | UCACAGUGAACCGGUCUCUUU |
| hsa-miR-130a-3p | CAGUGCAAUGUUAAAAGGGCAU |
| hsa-miR-15a-5p | UAGCAGCACAUAAUGGUUUGUG |
| hsa-miR-15b-5p | UAGCAGCACAUCAUGGUUUACA |
| hsa-miR-185-5p | UGGAGAGAAAGGCAGUUCCUGA |
| hsa-miR-425-5p | AAUGACACGAUCACUCCCGUUGA |
| hsa-miR-451a | AAACCGUUACCAUUACUGAGUU |
| hsa-miR-486-5p | UCCUGUACUGAGCUGCCCCGAG |
| hsa-miR-548d-5p | AAAAGUAAUUGUGGUUUUUGCC |
| hsa-miR-636 | UGUGCUUGCUCGUCCCGCCCGCA |
| hsa-miR-107 | AGCAGCAUUGUACAGGGCUAUCA |
| hsa-miR-142-5p | CAUAAAGUAGAAAGCACUACU |
| hsa-miR-151a-3p | CUAGACUGAAGCUCCUUGAGG |
| hsa-miR-365a-3p | UAAUGCCCCUAAAAAUCCUUAU |
| hsa-miR-191-5p | CAACGGAAUCCCAAAAGCAGCUG |
| UniSp3 IPC | Interplate calibrator (3) |
| U6 snRNA | Ref |
| SNORD38B | Ref |
| SNORD49A | Ref |
| cel-miR-39-3p CP | RNA spike-in |
| UniSp2 CP | RNA spike-in |
| UniSp4 CP | RNA spike-in |
| UniSp5 CP | RNA spike-in |
| UniSp6 CP | RNA spike-in |