Supplemental table 2 List of differential miRNAs

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| #miRNA | PValue | FC | SY/NC |
| bta-let-7a-5p | 0.002 | 0.211 | Down\_regulate |
| bta-let-7c | 0.017 | 0.311 | Down\_regulate |
| bta-let-7d | 0.016 | 0.282 | Down\_regulate |
| bta-let-7e | 0.002 | 0.215 | Down\_regulate |
| bta-let-7f | 0.001 | 0.129 | Down\_regulate |
| bta-let-7g | 0.001 | 0.088 | Down\_regulate |
| bta-let-7i | 0.001 | 0.154 | Down\_regulate |
| bta-miR-101 | 0.012 | 0.225 | Down\_regulate |
| bta-miR-106a | 0.005 | 0.162 | Down\_regulate |
| bta-miR-155 | 0.004 | 0.218 | Down\_regulate |
| bta-miR-17-5p | 0.008 | 0.21 | Down\_regulate |
| bta-miR-1814c | 0.027 | 0.037 | Down\_regulate |
| bta-miR-181a | 0.007 | 0.223 | Down\_regulate |
| bta-miR-181b | 0.041 | 0.33 | Down\_regulate |
| bta-miR-181d | 0.013 | 0.204 | Down\_regulate |
| bta-miR-1839 | 0.022 | 0.288 | Down\_regulate |
| bta-miR-199a-3p | 0.006 | 0.125 | Down\_regulate |
| bta-miR-199c | 0.008 | 0.103 | Down\_regulate |
| bta-miR-19a | 0.004 | 0.057 | Down\_regulate |
| bta-miR-19b | 0.003 | 0.192 | Down\_regulate |
| bta-miR-20a | 0.007 | 0.086 | Down\_regulate |
| bta-miR-21-5p | 0.022 | 0.284 | Down\_regulate |
| bta-miR-221 | 0.002 | 0.169 | Down\_regulate |
| bta-miR-2284aa | 0.004 | 0.164 | Down\_regulate |
| bta-miR-2284ab | 0.003 | 0.145 | Down\_regulate |
| bta-miR-2284b | 0.008 | 0.135 | Down\_regulate |
| bta-miR-2284h-5p | 0.002 | 0.183 | Down\_regulate |
| bta-miR-2284j | 0.001 | 0.176 | Down\_regulate |
| bta-miR-2284k | 0.031 | 0.249 | Down\_regulate |
| bta-miR-2284l | 0.027 | 0.209 | Down\_regulate |
| bta-miR-2284m | 0.001 | 0.159 | Down\_regulate |
| bta-miR-2284p | 0.015 | 0.022 | Down\_regulate |
| bta-miR-2284u | 0.005 | 0.129 | Down\_regulate |
| bta-miR-2284v | 0.005 | 0.107 | Down\_regulate |
| bta-miR-2284x | 0.001 | 0.181 | Down\_regulate |
| bta-miR-2284y | 0.001 | 0.188 | Down\_regulate |
| bta-miR-2284z | 0.014 | 0.203 | Down\_regulate |
| bta-miR-2285b | 0.001 | 0.088 | Down\_regulate |
| bta-miR-2285x | 0.007 | 0.026 | Down\_regulate |
| bta-miR-2310 | 0.027 | 0.037 | Down\_regulate |
| bta-miR-2424 | 0.002 | 0.011 | Down\_regulate |
| bta-miR-2431-5p | 0.013 | 0.166 | Down\_regulate |
| bta-miR-26b | 0.002 | 0.171 | Down\_regulate |
| bta-miR-342 | 0.045 | 0.355 | Down\_regulate |
| bta-miR-34c | 0.03 | 0.205 | Down\_regulate |
| bta-miR-3613a | 0.021 | 0.141 | Down\_regulate |
| bta-miR-362-5p | 0.035 | 0.298 | Down\_regulate |
| bta-miR-421 | 0.027 | 0.326 | Down\_regulate |
| bta-miR-454 | 0.023 | 0.056 | Down\_regulate |
| bta-miR-6119-5p | 0.041 | 0.049 | Down\_regulate |
| bta-miR-6536 | 0.042 | 0.044 | Down\_regulate |
| bta-miR-7 | 0.001 | 0.122 | Down\_regulate |
| bta-miR-93 | 0.003 | 0.151 | Down\_regulate |
| bta-miR-98 | 0.041 | 0.072 | Down\_regulate |
| bta-miR-10a | 0.019 | 4.136 | Up\_regulate |
| bta-miR-1260b | 0.044 | 3.018 | Up\_regulate |
| bta-miR-147 | 0.006 | 7.414 | Up\_regulate |
| bta-miR-151-3p | 0.008 | 8.488 | Up\_regulate |
| bta-miR-1843 | 0.004 | 12.645 | Up\_regulate |
| bta-miR-2313-5p | 0.03 | 7.25 | Up\_regulate |
| bta-miR-2316 | 0.027 | 4.987 | Up\_regulate |
| bta-miR-2323 | 0.037 | 5.65 | Up\_regulate |
| bta-miR-2398 | 0.031 | 4.718 | Up\_regulate |
| bta-miR-2404 | 0.043 | 5.971 | Up\_regulate |
| bta-miR-2478 | 0.018 | 4.003 | Up\_regulate |
| bta-miR-381 | 0.007 | 10.197 | Up\_regulate |
| bta-miR-495 | 0.041 | 5.802 | Up\_regulate |
| bta-miR-504 | 0.001 | 35.986 | Up\_regulate |
| bta-miR-543 | 0.004 | 12.294 | Up\_regulate |