

Supplementary Table 2: List of the 675 bovin miRNAs predicted to bind the 3'-UTR region of the murine myogenin sequence

The 3'UTR region of mouse myogenin was retrieved from Genome Browser (<https://genome.ucsc.edu>) Then the sequence was scanned for bovine miRNA binding sites by using RNAhybrid (http://mamsap.it.deakin.edu.au/~amitkuma/mirna_targetsnew/sequence.html) which calculates the minimum free energy hybridization of a long and a short RNA, and thus effectively predict microRNA (miRNA) targets

Lower energy cutoff will be more specific and less sensitive

| Bovine miRNAs | Energy hybridization | Binding positions on mouse myogenin 3'UTR region |
|---------------|----------------------|--|
| bta-miR-26a | -23.6 | 4 |
| bta-miR-26a | -23.1 | 424 |
| bta-miR-26a | -20.7 | 361 |
| bta-miR-26a | -20.3 | 84 |
| bta-miR-26a | -20.2 | 472 |
| bta-miR-26a | -19.0 | 623 |
| bta-miR-26a | -18.6 | 566 |
| bta-miR-26a | -18.3 | 243 |
| bta-miR-26a | -17.3 | 108 |
| bta-miR-26a | -16.9 | 394 |
| bta-miR-26a | -16.9 | 166 |
| bta-miR-26a | -15.5 | 50 |
| bta-miR-26a | -15.2 | 703 |
| bta-miR-26a | -15.2 | 740 |
| bta-miR-26a | -15.1 | 501 |
| bta-miR-26a | -14.9 | 205 |
| bta-miR-26a | -14.9 | 456 |
| bta-miR-26a | -14.2 | 653 |
| bta-miR-26a | -13.7 | 308 |
| bta-miR-26a | -13.5 | 596 |
| bta-miR-26a | -12.5 | 125 |
| bta-miR-26a | -12.1 | 537 |
| bta-miR-26a | -11.9 | 342 |
| bta-miR-26a | -11.7 | 687 |
| bta-miR-26a | -11.4 | 30 |
| bta-miR-26a | -11.3 | 416 |
| bta-miR-26a | -11.3 | 294 |
| bta-miR-26a | -10.0 | 235 |
| bta-miR-18b | -27.2 | 413 |
| bta-miR-18b | -23.3 | 6 |
| bta-miR-18b | -22.9 | 582 |
| bta-miR-18b | -21.1 | 85 |
| bta-miR-18b | -20.7 | 492 |
| bta-miR-18b | -20.2 | 105 |
| bta-miR-18b | -19.9 | 369 |
| bta-miR-18b | -19.2 | 183 |
| bta-miR-18b | -18.5 | 647 |
| bta-miR-18b | -17.3 | 536 |
| bta-miR-18b | -17.1 | 347 |
| bta-miR-18b | -16.9 | 518 |
| bta-miR-18b | -16.7 | 387 |
| bta-miR-18b | -16.6 | 559 |
| bta-miR-18b | -16.4 | 57 |
| bta-miR-18b | -16.1 | 615 |
| bta-miR-18b | -15.6 | 700 |

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|-------------|-------|-----|
| bta-miR-18b | -15.4 | 473 |
| bta-miR-18b | -14.8 | 307 |
| bta-miR-18b | -14.3 | 739 |
| bta-miR-18b | -14.2 | 24 |
| bta-miR-18b | -14.1 | 274 |
| bta-miR-18b | -13.7 | 130 |
| bta-miR-18b | -13.5 | 235 |
| bta-miR-18b | -12.9 | 449 |
| bta-miR-18b | -12.2 | 601 |
| bta-miR-18b | -12.1 | 631 |
| bta-miR-18b | -10.8 | 252 |
| bta-miR-18b | -10.5 | 221 |
| bta-miR-18b | -10.2 | 172 |
| bta-miR-29a | -21.7 | 595 |
| bta-miR-29a | -21.6 | 340 |
| bta-miR-29a | -21.2 | 1 |
| bta-miR-29a | -20.4 | 403 |
| bta-miR-29a | -20.0 | 92 |
| bta-miR-29a | -18.7 | 563 |
| bta-miR-29a | -18.4 | 29 |
| bta-miR-29a | -18.1 | 64 |
| bta-miR-29a | -17.5 | 730 |
| bta-miR-29a | -17.0 | 432 |
| bta-miR-29a | -16.6 | 216 |
| bta-miR-29a | -16.5 | 243 |
| bta-miR-29a | -16.0 | 462 |
| bta-miR-29a | -15.7 | 183 |
| bta-miR-29a | -15.7 | 365 |
| bta-miR-29a | -14.6 | 509 |
| bta-miR-29a | -12.7 | 647 |
| bta-miR-29a | -12.4 | 626 |
| bta-miR-29a | -12.3 | 142 |
| bta-miR-29a | -11.9 | 529 |
| bta-miR-29a | -11.4 | 277 |
| bta-miR-29a | -11.0 | 700 |
| bta-miR-29a | -11.0 | 162 |
| bta-miR-29a | -10.7 | 495 |
| bta-miR-29a | -10.4 | 119 |
| bta-let-7f | -18.9 | 456 |
| bta-let-7f | -18.7 | 375 |
| bta-let-7f | -17.6 | 85 |
| bta-let-7f | -17.3 | 296 |
| bta-let-7f | -15.7 | 648 |
| bta-let-7f | -15.6 | 582 |
| bta-let-7f | -15.6 | 559 |
| bta-let-7f | -15.4 | 526 |
| bta-let-7f | -15.3 | 171 |
| bta-let-7f | -15.3 | 685 |
| bta-let-7f | -15.0 | 487 |
| bta-let-7f | -14.8 | 414 |
| bta-let-7f | -14.6 | 738 |
| bta-let-7f | -13.6 | 271 |
| bta-let-7f | -13.1 | 244 |
| bta-let-7f | -12.8 | 16 |
| bta-let-7f | -12.7 | 122 |
| bta-let-7f | -12.7 | 149 |
| bta-let-7f | -12.7 | 359 |
| bta-let-7f | -12.4 | 623 |
| bta-let-7f | -12.3 | 199 |

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|--------------|-------|-----|
| bta-let-7f | -12.2 | 40 |
| bta-let-7f | -11.4 | 708 |
| bta-let-7f | -10.7 | 403 |
| bta-let-7f | -10.6 | 61 |
| bta-let-7f | -10.0 | 514 |
| bta-miR-101 | -18.6 | 9 |
| bta-miR-101 | -17.2 | 495 |
| bta-miR-101 | -16.5 | 50 |
| bta-miR-101 | -16.0 | 410 |
| bta-miR-101 | -15.6 | 376 |
| bta-miR-101 | -15.4 | 573 |
| bta-miR-101 | -15.0 | 545 |
| bta-miR-101 | -14.8 | 638 |
| bta-miR-101 | -14.4 | 277 |
| bta-miR-101 | -14.2 | 67 |
| bta-miR-101 | -14.0 | 100 |
| bta-miR-101 | -13.5 | 456 |
| bta-miR-101 | -13.3 | 607 |
| bta-miR-101 | -12.7 | 257 |
| bta-miR-101 | -12.3 | 140 |
| bta-miR-101 | -11.3 | 433 |
| bta-miR-101 | -11.3 | 527 |
| bta-miR-101 | -11.1 | 354 |
| bta-miR-101 | -10.5 | 200 |
| bta-miR-101 | -10.4 | 39 |
| bta-miR-101 | -10.4 | 165 |
| bta-miR-101 | -10.2 | 232 |
| bta-miR-101 | -10.2 | 597 |
| bta-miR-103 | -27.8 | 108 |
| bta-miR-103 | -23.9 | 354 |
| bta-miR-103 | -23.3 | 238 |
| bta-miR-103 | -21.6 | 469 |
| bta-miR-103 | -20.5 | 573 |
| bta-miR-103 | -20.4 | 407 |
| bta-miR-103 | -20.2 | 166 |
| bta-miR-103 | -20.0 | 50 |
| bta-miR-103 | -19.9 | 534 |
| bta-miR-103 | -19.3 | 497 |
| bta-miR-103 | -19.2 | 9 |
| bta-miR-103 | -18.6 | 429 |
| bta-miR-103 | -17.6 | 623 |
| bta-miR-103 | -17.4 | 653 |
| bta-miR-103 | -15.2 | 89 |
| bta-miR-103 | -15.1 | 277 |
| bta-miR-103 | -14.4 | 739 |
| bta-miR-103 | -13.9 | 200 |
| bta-miR-103 | -13.5 | 137 |
| bta-miR-103 | -13.5 | 683 |
| bta-miR-103 | -12.6 | 31 |
| bta-miR-103 | -12.1 | 125 |
| bta-miR-103 | -10.8 | 391 |
| bta-miR-103 | -10.6 | 328 |
| bta-miR-148a | -21.3 | 66 |
| bta-miR-148a | -20.7 | 349 |
| bta-miR-148a | -19.5 | 469 |
| bta-miR-148a | -19.5 | 535 |
| bta-miR-148a | -19.5 | 573 |
| bta-miR-148a | -19.1 | 383 |
| bta-miR-148a | -18.5 | 14 |

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|--------------|-------|-----|
| bta-miR-148a | -17.4 | 606 |
| bta-miR-148a | -16.2 | 517 |
| bta-miR-148a | -15.9 | 421 |
| bta-miR-148a | -15.6 | 199 |
| bta-miR-148a | -15.2 | 552 |
| bta-miR-148a | -15.0 | 172 |
| bta-miR-148a | -14.3 | 641 |
| bta-miR-148a | -14.3 | 263 |
| bta-miR-148a | -13.3 | 733 |
| bta-miR-148a | -13.1 | 369 |
| bta-miR-148a | -12.4 | 106 |
| bta-miR-148a | -12.2 | 36 |
| bta-miR-148a | -12.2 | 660 |
| bta-miR-148a | -10.9 | 445 |
| bta-miR-148a | -10.9 | 683 |
| bta-miR-148a | -10.8 | 632 |
| bta-miR-148a | -10.5 | 59 |
| bta-miR-148a | -10.2 | 290 |
| bta-miR-148a | -10.1 | 5 |
| bta-miR-151* | -25.0 | 415 |
| bta-miR-151* | -24.3 | 13 |
| bta-miR-151* | -24.3 | 615 |
| bta-miR-151* | -22.1 | 185 |
| bta-miR-151* | -21.2 | 369 |
| bta-miR-151* | -20.8 | 269 |
| bta-miR-151* | -20.1 | 112 |
| bta-miR-151* | -19.3 | 449 |
| bta-miR-151* | -19.1 | 71 |
| bta-miR-151* | -18.9 | 498 |
| bta-miR-151* | -18.8 | 351 |
| bta-miR-151* | -18.3 | 737 |
| bta-miR-151* | -18.2 | 228 |
| bta-miR-151* | -17.0 | 154 |
| bta-miR-151* | -17.0 | 536 |
| bta-miR-151* | -16.9 | 649 |
| bta-miR-151* | -16.5 | 560 |
| bta-miR-151* | -15.7 | 702 |
| bta-miR-151* | -15.5 | 633 |
| bta-miR-151* | -14.7 | 309 |
| bta-miR-151* | -14.3 | 57 |
| bta-miR-151* | -13.8 | 586 |
| bta-miR-151* | -13.0 | 477 |
| bta-miR-151* | -12.5 | 252 |
| bta-miR-151* | -11.2 | 1 |
| bta-miR-151* | -10.9 | 520 |
| bta-miR-151* | -10.3 | 139 |
| bta-miR-151* | -10.1 | 213 |
| bta-miR-151 | -27.5 | 261 |
| bta-miR-151 | -23.7 | 67 |
| bta-miR-151 | -22.8 | 474 |
| bta-miR-151 | -22.2 | 452 |
| bta-miR-151 | -20.8 | 210 |
| bta-miR-151 | -20.0 | 169 |
| bta-miR-151 | -19.8 | 626 |
| bta-miR-151 | -18.5 | 402 |
| bta-miR-151 | -18.0 | 368 |
| bta-miR-151 | -15.6 | 192 |
| bta-miR-151 | -15.4 | 502 |
| bta-miR-151 | -15.0 | 559 |

| | | |
|-------------|-------|-----|
| bta-miR-151 | -15.0 | 612 |
| bta-miR-151 | -14.9 | 9 |
| bta-miR-151 | -14.2 | 573 |
| bta-miR-151 | -13.0 | 45 |
| bta-miR-151 | -12.9 | 111 |
| bta-miR-151 | -12.6 | 703 |
| bta-miR-151 | -12.3 | 596 |
| bta-miR-151 | -12.2 | 437 |
| bta-miR-151 | -11.6 | 342 |
| bta-miR-151 | -11.6 | 309 |
| bta-miR-151 | -11.1 | 520 |
| bta-miR-151 | -10.6 | 650 |
| bta-miR-151 | -10.5 | 146 |
| bta-miR-151 | -10.4 | 86 |
| bta-miR-151 | -10.3 | 242 |
| bta-miR-16b | -19.6 | 408 |
| bta-miR-16b | -18.4 | 572 |
| bta-miR-16b | -17.4 | 483 |
| bta-miR-16b | -16.9 | 515 |
| bta-miR-16b | -16.7 | 8 |
| bta-miR-16b | -16.4 | 51 |
| bta-miR-16b | -16.3 | 669 |
| bta-miR-16b | -16.2 | 34 |
| bta-miR-16b | -16.2 | 252 |
| bta-miR-16b | -15.1 | 730 |
| bta-miR-16b | -15.0 | 109 |
| bta-miR-16b | -13.9 | 560 |
| bta-miR-16b | -13.4 | 361 |
| bta-miR-16b | -13.2 | 172 |
| bta-miR-16b | -12.6 | 605 |
| bta-miR-16b | -11.9 | 454 |
| bta-miR-16b | -11.4 | 283 |
| bta-miR-16b | -11.3 | 658 |
| bta-miR-16b | -11.0 | 126 |
| bta-miR-16b | -10.0 | 331 |
| bta-miR-18a | -27.6 | 3 |
| bta-miR-18a | -24.3 | 416 |
| bta-miR-18a | -23.4 | 582 |
| bta-miR-18a | -23.3 | 490 |
| bta-miR-18a | -20.5 | 385 |
| bta-miR-18a | -18.4 | 109 |
| bta-miR-18a | -18.3 | 87 |
| bta-miR-18a | -18.2 | 60 |
| bta-miR-18a | -17.6 | 199 |
| bta-miR-18a | -17.2 | 364 |
| bta-miR-18a | -17.1 | 550 |
| bta-miR-18a | -16.9 | 518 |
| bta-miR-18a | -16.5 | 654 |
| bta-miR-18a | -16.1 | 615 |
| bta-miR-18a | -16.1 | 695 |
| bta-miR-18a | -15.4 | 473 |
| bta-miR-18a | -15.2 | 172 |
| bta-miR-18a | -15.1 | 215 |
| bta-miR-18a | -14.9 | 257 |
| bta-miR-18a | -14.8 | 307 |
| bta-miR-18a | -14.6 | 25 |
| bta-miR-18a | -14.3 | 739 |
| bta-miR-18a | -12.9 | 449 |
| bta-miR-18a | -12.5 | 275 |

| | | |
|-------------|-------|-----|
| bta-miR-18a | -12.2 | 156 |
| bta-miR-18a | -12.1 | 631 |
| bta-miR-18a | -11.6 | 344 |
| bta-miR-18a | -10.5 | 606 |
| bta-miR-18a | -10.2 | 642 |
| bta-miR-20a | -21.7 | 367 |
| bta-miR-20a | -19.7 | 425 |
| bta-miR-20a | -18.8 | 111 |
| bta-miR-20a | -18.6 | 13 |
| bta-miR-20a | -18.2 | 473 |
| bta-miR-20a | -18.2 | 579 |
| bta-miR-20a | -17.1 | 642 |
| bta-miR-20a | -17.0 | 57 |
| bta-miR-20a | -16.9 | 519 |
| bta-miR-20a | -16.0 | 385 |
| bta-miR-20a | -15.6 | 183 |
| bta-miR-20a | -14.8 | 341 |
| bta-miR-20a | -14.3 | 261 |
| bta-miR-20a | -13.5 | 139 |
| bta-miR-20a | -12.8 | 87 |
| bta-miR-20a | -12.7 | 624 |
| bta-miR-20a | -12.6 | 668 |
| bta-miR-20a | -12.5 | 561 |
| bta-miR-20a | -12.4 | 307 |
| bta-miR-20a | -11.9 | 162 |
| bta-miR-20a | -11.8 | 493 |
| bta-miR-20a | -11.7 | 204 |
| bta-miR-20a | -11.3 | 740 |
| bta-miR-20a | -10.9 | 705 |
| bta-miR-20a | -10.0 | 457 |
| bta-miR-21 | -21.9 | 44 |
| bta-miR-21 | -20.8 | 4 |
| bta-miR-21 | -20.3 | 201 |
| bta-miR-21 | -19.4 | 435 |
| bta-miR-21 | -19.2 | 379 |
| bta-miR-21 | -19.2 | 566 |
| bta-miR-21 | -17.9 | 645 |
| bta-miR-21 | -17.7 | 252 |
| bta-miR-21 | -16.8 | 601 |
| bta-miR-21 | -16.6 | 344 |
| bta-miR-21 | -16.0 | 539 |
| bta-miR-21 | -15.9 | 165 |
| bta-miR-21 | -15.6 | 730 |
| bta-miR-21 | -15.3 | 97 |
| bta-miR-21 | -14.7 | 464 |
| bta-miR-21 | -13.6 | 68 |
| bta-miR-21 | -12.6 | 229 |
| bta-miR-21 | -12.5 | 496 |
| bta-miR-21 | -11.9 | 147 |
| bta-miR-21 | -10.5 | 671 |
| bta-miR-21* | -28.7 | 106 |
| bta-miR-21* | -24.7 | 165 |
| bta-miR-21* | -23.3 | 407 |
| bta-miR-21* | -23.2 | 357 |
| bta-miR-21* | -22.8 | 1 |
| bta-miR-21* | -22.6 | 26 |
| bta-miR-21* | -21.6 | 559 |
| bta-miR-21* | -21.2 | 68 |
| bta-miR-21* | -20.9 | 228 |

| | | |
|-------------|-------|-----|
| bta-miR-21* | -20.3 | 620 |
| bta-miR-21* | -20.1 | 423 |
| bta-miR-21* | -19.2 | 479 |
| bta-miR-21* | -19.0 | 129 |
| bta-miR-21* | -18.8 | 532 |
| bta-miR-21* | -16.9 | 201 |
| bta-miR-21* | -16.4 | 710 |
| bta-miR-21* | -15.8 | 265 |
| bta-miR-21* | -15.7 | 499 |
| bta-miR-21* | -15.0 | 653 |
| bta-miR-21* | -13.6 | 338 |
| bta-miR-21* | -13.3 | 308 |
| bta-miR-21* | -13.1 | 94 |
| bta-miR-21* | -13.0 | 592 |
| bta-miR-21* | -12.9 | 447 |
| bta-miR-21* | -12.8 | 687 |
| bta-miR-21* | -12.2 | 472 |
| bta-miR-21* | -11.2 | 294 |
| bta-miR-21* | -10.9 | 393 |
| bta-miR-21* | -10.6 | 320 |
| bta-miR-21* | -10.5 | 330 |
| bta-miR-221 | -29.9 | 166 |
| bta-miR-221 | -23.0 | 28 |
| bta-miR-221 | -22.3 | 361 |
| bta-miR-221 | -21.7 | 600 |
| bta-miR-221 | -21.3 | 405 |
| bta-miR-221 | -20.5 | 242 |
| bta-miR-221 | -20.5 | 481 |
| bta-miR-221 | -20.1 | 648 |
| bta-miR-221 | -19.9 | 67 |
| bta-miR-221 | -19.7 | 429 |
| bta-miR-221 | -18.9 | 188 |
| bta-miR-221 | -18.6 | 508 |
| bta-miR-221 | -18.2 | 5 |
| bta-miR-221 | -18.2 | 98 |
| bta-miR-221 | -17.0 | 119 |
| bta-miR-221 | -16.8 | 622 |
| bta-miR-221 | -16.7 | 460 |
| bta-miR-221 | -16.2 | 216 |
| bta-miR-221 | -16.0 | 273 |
| bta-miR-221 | -15.8 | 582 |
| bta-miR-221 | -15.4 | 142 |
| bta-miR-221 | -15.2 | 731 |
| bta-miR-221 | -14.3 | 339 |
| bta-miR-221 | -12.5 | 545 |
| bta-miR-221 | -11.0 | 564 |
| bta-miR-221 | -10.6 | 320 |
| bta-miR-221 | -10.3 | 391 |
| bta-miR-221 | -10.2 | 135 |
| bta-miR-222 | -27.3 | 409 |
| bta-miR-222 | -26.6 | 162 |
| bta-miR-222 | -24.2 | 30 |
| bta-miR-222 | -23.0 | 460 |
| bta-miR-222 | -22.4 | 5 |
| bta-miR-222 | -21.8 | 514 |
| bta-miR-222 | -21.1 | 262 |
| bta-miR-222 | -21.0 | 109 |
| bta-miR-222 | -20.8 | 596 |
| bta-miR-222 | -19.3 | 361 |

| | | |
|----------------|-------|-----|
| bta-miR-222 | -18.8 | 67 |
| bta-miR-222 | -18.7 | 216 |
| bta-miR-222 | -18.0 | 650 |
| bta-miR-222 | -17.6 | 192 |
| bta-miR-222 | -17.4 | 236 |
| bta-miR-222 | -17.2 | 429 |
| bta-miR-222 | -16.6 | 580 |
| bta-miR-222 | -15.2 | 90 |
| bta-miR-222 | -15.1 | 542 |
| bta-miR-222 | -14.3 | 142 |
| bta-miR-222 | -14.0 | 740 |
| bta-miR-222 | -13.9 | 493 |
| bta-miR-222 | -13.1 | 247 |
| bta-miR-222 | -13.0 | 391 |
| bta-miR-222 | -12.8 | 324 |
| bta-miR-222 | -11.3 | 563 |
| bta-miR-222 | -10.9 | 669 |
| bta-miR-222 | -10.3 | 298 |
| bta-miR-222 | -10.2 | 135 |
| bta-miR-222 | -10.2 | 690 |
| bta-miR-26b | -24.7 | 424 |
| bta-miR-26b | -19.7 | 84 |
| bta-miR-26b | -19.7 | 581 |
| bta-miR-26b | -18.0 | 5 |
| bta-miR-26b | -17.9 | 363 |
| bta-miR-26b | -17.4 | 340 |
| bta-miR-26b | -17.2 | 398 |
| bta-miR-26b | -15.9 | 509 |
| bta-miR-26b | -15.8 | 210 |
| bta-miR-26b | -15.0 | 472 |
| bta-miR-26b | -14.8 | 455 |
| bta-miR-26b | -14.7 | 701 |
| bta-miR-26b | -14.3 | 105 |
| bta-miR-26b | -14.2 | 626 |
| bta-miR-26b | -14.1 | 563 |
| bta-miR-26b | -13.7 | 385 |
| bta-miR-26b | -13.4 | 162 |
| bta-miR-26b | -13.3 | 537 |
| bta-miR-26b | -13.1 | 243 |
| bta-miR-26b | -12.6 | 50 |
| bta-miR-26b | -12.6 | 740 |
| bta-miR-26b | -11.9 | 305 |
| bta-miR-26b | -10.7 | 501 |
| bta-miR-26b | -10.3 | 235 |
| bta-miR-26b | -10.1 | 125 |
| bta-miR-27a-5p | -30.7 | 408 |
| bta-miR-27a-5p | -27.1 | 146 |
| bta-miR-27a-5p | -25.8 | 3 |
| bta-miR-27a-5p | -25.5 | 118 |
| bta-miR-27a-5p | -25.4 | 73 |
| bta-miR-27a-5p | -23.9 | 185 |
| bta-miR-27a-5p | -23.2 | 585 |
| bta-miR-27a-5p | -21.8 | 465 |
| bta-miR-27a-5p | -21.3 | 214 |
| bta-miR-27a-5p | -20.6 | 644 |
| bta-miR-27a-5p | -19.9 | 344 |
| bta-miR-27a-5p | -19.5 | 51 |
| bta-miR-27a-5p | -19.2 | 550 |
| bta-miR-27a-5p | -18.7 | 276 |

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| bta-miR-27a-5p | -17.6 | 489 |
| bta-miR-27a-5p | -17.2 | 378 |
| bta-miR-27a-5p | -17.2 | 238 |
| bta-miR-27a-5p | -17.0 | 450 |
| bta-miR-27a-5p | -16.1 | 100 |
| bta-miR-27a-5p | -14.7 | 251 |
| bta-miR-27a-5p | -14.0 | 519 |
| bta-miR-27a-5p | -14.0 | 429 |
| bta-miR-27a-5p | -13.3 | 739 |
| bta-miR-27a-5p | -12.0 | 435 |
| bta-miR-27a-5p | -11.9 | 697 |
| bta-miR-27a-5p | -11.7 | 37 |
| bta-miR-27a-5p | -11.1 | 170 |
| bta-miR-27a-5p | -10.3 | 630 |
| bta-miR-27a-5p | -10.2 | 575 |
| bta-miR-27a-5p | -10.1 | 319 |
| bta-miR-27a-3p | -22.0 | 177 |
| bta-miR-27a-3p | -20.6 | 480 |
| bta-miR-27a-3p | -19.5 | 70 |
| bta-miR-27a-3p | -19.4 | 632 |
| bta-miR-27a-3p | -19.4 | 418 |
| bta-miR-27a-3p | -18.7 | 16 |
| bta-miR-27a-3p | -17.5 | 114 |
| bta-miR-27a-3p | -17.4 | 599 |
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| bta-miR-27a-3p | -16.5 | 449 |
| bta-miR-27a-3p | -16.2 | 407 |
| bta-miR-27a-3p | -16.1 | 280 |
| bta-miR-27a-3p | -15.6 | 41 |
| bta-miR-27a-3p | -15.5 | 576 |
| bta-miR-27a-3p | -15.4 | 559 |
| bta-miR-27a-3p | -15.1 | 231 |
| bta-miR-27a-3p | -14.3 | 350 |
| bta-miR-27a-3p | -13.6 | 738 |
| bta-miR-27a-3p | -13.3 | 130 |
| bta-miR-27a-3p | -13.3 | 202 |
| bta-miR-27a-3p | -12.6 | 155 |
| bta-miR-27a-3p | -12.0 | 537 |
| bta-miR-27a-3p | -11.8 | 313 |
| bta-miR-27a-3p | -11.8 | 472 |
| bta-miR-27a-3p | -11.4 | 381 |
| bta-miR-27a-3p | -11.4 | 268 |
| bta-miR-27a-3p | -11.0 | 665 |
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| bta-miR-27a-3p | -10.5 | 393 |
| bta-miR-27a-3p | -10.2 | 623 |
| bta-miR-27a-3p | -10.1 | 693 |
| bta-miR-30d | -27.2 | 456 |
| bta-miR-30d | -24.6 | 72 |
| bta-miR-30d | -24.1 | 586 |
| bta-miR-30d | -22.1 | 166 |
| bta-miR-30d | -20.2 | 512 |
| bta-miR-30d | -20.0 | 419 |
| bta-miR-30d | -19.7 | 5 |
| bta-miR-30d | -18.2 | 282 |
| bta-miR-30d | -17.8 | 29 |
| bta-miR-30d | -17.5 | 263 |
| bta-miR-30d | -17.1 | 205 |
| bta-miR-30d | -15.9 | 98 |

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| bta-miR-30d | -15.6 | 390 |
| bta-miR-30d | -15.2 | 358 |
| bta-miR-30d | -14.8 | 559 |
| bta-miR-30d | -14.6 | 539 |
| bta-miR-30d | -14.3 | 653 |
| bta-miR-30d | -13.6 | 403 |
| bta-miR-30d | -13.5 | 499 |
| bta-miR-30d | -13.1 | 236 |
| bta-miR-30d | -11.5 | 184 |
| bta-miR-30d | -11.3 | 58 |
| bta-miR-30d | -11.1 | 740 |
| bta-miR-30d | -10.9 | 698 |
| bta-miR-30d | -10.5 | 342 |
| bta-miR-30d | -10.4 | 316 |
| bta-miR-30d | -10.4 | 127 |
| bta-miR-30d | -10.3 | 572 |
| bta-miR-320 | -25.9 | 156 |
| bta-miR-320 | -24.1 | 96 |
| bta-miR-320 | -23.5 | 360 |
| bta-miR-320 | -22.6 | 257 |
| bta-miR-320 | -22.2 | 408 |
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| bta-miR-320 | -21.1 | 562 |
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| bta-miR-320 | -20.7 | 492 |
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| bta-miR-320 | -20.1 | 30 |
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| bta-miR-320 | -18.7 | 624 |
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| bta-miR-320 | -12.9 | 591 |
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| bta-miR-320 | -11.2 | 530 |
| bta-miR-484 | -30.9 | 69 |
| bta-miR-484 | -29.9 | 412 |
| bta-miR-484 | -29.6 | 609 |
| bta-miR-484 | -25.8 | 8 |
| bta-miR-484 | -24.2 | 448 |
| bta-miR-484 | -21.0 | 263 |
| bta-miR-484 | -21.0 | 343 |
| bta-miR-484 | -21.0 | 476 |
| bta-miR-484 | -20.6 | 172 |
| bta-miR-484 | -20.0 | 220 |
| bta-miR-484 | -19.6 | 114 |
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| bta-miR-484 | -15.0 | 738 |
| bta-miR-484 | -14.8 | 631 |

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| bta-miR-484 | -14.6 | 41 |
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| bta-miR-484 | -13.9 | 369 |
| bta-miR-484 | -13.9 | 597 |
| bta-miR-484 | -13.5 | 656 |
| bta-miR-484 | -12.7 | 403 |
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| bta-miR-484 | -11.5 | 204 |
| bta-miR-484 | -11.3 | 710 |
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| bta-miR-499 | -19.9 | 53 |
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| bta-miR-499 | -13.0 | 22 |
| bta-miR-499 | -12.8 | 178 |
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| bta-miR-499 | -12.6 | 541 |
| bta-miR-499 | -12.3 | 681 |
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| bta-miR-499 | -11.3 | 242 |
| bta-miR-499 | -11.1 | 471 |
| bta-miR-499 | -10.8 | 401 |
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| bta-miR-499 | -10.2 | 696 |
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| bta-miR-99a | -13.8 | 35 |
| bta-miR-99a | -13.4 | 106 |
| bta-miR-99a | -13.3 | 202 |
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| bta-miR-99a | -12.4 | 271 |
| bta-miR-99a | -12.3 | 373 |
| bta-miR-99a | -12.2 | 602 |
| bta-miR-99a | -11.6 | 172 |
| bta-miR-99a* | -22.5 | 162 |

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| bta-miR-99a* | -16.2 | 189 |
| bta-miR-99a* | -15.6 | 13 |
| bta-miR-99a* | -15.3 | 33 |
| bta-miR-99a* | -15.1 | 208 |
| bta-miR-99a* | -14.7 | 230 |
| bta-miR-99a* | -14.3 | 330 |
| bta-miR-99a* | -13.7 | 142 |
| bta-miR-99a* | -13.5 | 79 |
| bta-miR-99a* | -13.3 | 572 |
| bta-miR-99a* | -13.1 | 514 |
| bta-miR-99a* | -12.8 | 119 |
| bta-miR-99a* | -12.0 | 489 |
| bta-miR-99a* | -11.7 | 737 |
| bta-miR-99a* | -11.4 | 552 |
| bta-miR-99a* | -11.0 | 177 |
| bta-miR-99a* | -10.9 | 649 |
| bta-miR-99a* | -10.4 | 135 |
| bta-miR-99a* | -10.4 | 324 |
| bta-miR-125a | -31.1 | 606 |
| bta-miR-125a | -22.2 | 66 |
| bta-miR-125a | -21.3 | 447 |
| bta-miR-125a | -21.1 | 264 |
| bta-miR-125a | -20.0 | 494 |
| bta-miR-125a | -19.5 | 216 |
| bta-miR-125a | -18.0 | 410 |
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| bta-miR-125a | -15.2 | 576 |
| bta-miR-125a | -14.6 | 148 |
| bta-miR-125a | -14.4 | 106 |
| bta-miR-125a | -13.4 | 382 |
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| bta-miR-125a | -11.7 | 739 |
| bta-miR-125a | -11.4 | 199 |
| bta-miR-125a | -10.8 | 556 |
| bta-miR-125a | -10.6 | 337 |
| bta-miR-125a | -10.6 | 93 |
| bta-miR-125b | -27.2 | 606 |
| bta-miR-125b | -21.8 | 55 |
| bta-miR-125b | -21.5 | 263 |
| bta-miR-125b | -19.2 | 476 |
| bta-miR-125b | -18.4 | 33 |
| bta-miR-125b | -18.1 | 215 |
| bta-miR-125b | -17.8 | 408 |
| bta-miR-125b | -16.6 | 5 |
| bta-miR-125b | -16.2 | 434 |
| bta-miR-125b | -16.1 | 567 |
| bta-miR-125b | -15.9 | 147 |
| bta-miR-125b | -15.6 | 382 |
| bta-miR-125b | -14.2 | 121 |

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| bta-miR-125b | -13.9 | 354 |
| bta-miR-125b | -13.7 | 654 |
| bta-miR-125b | -11.3 | 299 |
| bta-miR-125b | -11.2 | 373 |
| bta-miR-125b | -10.8 | 453 |
| bta-miR-125b | -10.6 | 114 |
| bta-miR-125b | -10.5 | 97 |
| bta-miR-126* | -16.1 | 565 |
| bta-miR-126* | -16.0 | 425 |
| bta-miR-126* | -15.8 | 377 |
| bta-miR-126* | -15.6 | 18 |
| bta-miR-126* | -14.8 | 618 |
| bta-miR-126* | -14.6 | 62 |
| bta-miR-126* | -14.5 | 116 |
| bta-miR-126* | -14.4 | 479 |
| bta-miR-126* | -14.3 | 546 |
| bta-miR-126* | -13.4 | 30 |
| bta-miR-126* | -13.0 | 659 |
| bta-miR-126* | -12.5 | 271 |
| bta-miR-126* | -12.4 | 518 |
| bta-miR-126* | -12.2 | 594 |
| bta-miR-126* | -12.2 | 167 |
| bta-miR-126* | -12.1 | 96 |
| bta-miR-126* | -11.8 | 359 |
| bta-miR-126* | -11.7 | 463 |
| bta-miR-126* | -11.5 | 235 |
| bta-miR-126* | -11.3 | 206 |
| bta-miR-126* | -11.2 | 126 |
| bta-miR-126* | -10.9 | 408 |
| bta-miR-126* | -10.8 | 257 |
| bta-miR-126* | -10.6 | 294 |
| bta-miR-126* | -10.6 | 341 |
| bta-miR-126* | -10.1 | 45 |
| bta-miR-126 | -16.6 | 606 |
| bta-miR-126 | -15.9 | 271 |
| bta-miR-126 | -15.7 | 465 |
| bta-miR-126 | -15.4 | 546 |
| bta-miR-126 | -15.1 | 66 |
| bta-miR-126 | -15.1 | 654 |
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| bta-miR-126 | -11.1 | 292 |
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| bta-miR-126 | -10.6 | 185 |
| bta-miR-126 | -10.5 | 367 |
| bta-miR-126 | -10.1 | 738 |
| bta-miR-128 | -23.7 | 452 |
| bta-miR-128 | -22.8 | 11 |
| bta-miR-128 | -21.1 | 611 |

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| bta-miR-128 | -19.8 | 737 |
| bta-miR-128 | -19.8 | 570 |
| bta-miR-128 | -19.3 | 411 |
| bta-miR-128 | -18.9 | 68 |
| bta-miR-128 | -18.5 | 348 |
| bta-miR-128 | -16.7 | 366 |
| bta-miR-128 | -16.6 | 592 |
| bta-miR-128 | -16.1 | 220 |
| bta-miR-128 | -15.8 | 506 |
| bta-miR-128 | -15.6 | 174 |
| bta-miR-128 | -15.3 | 482 |
| bta-miR-128 | -15.2 | 539 |
| bta-miR-128 | -15.2 | 440 |
| bta-miR-128 | -14.6 | 652 |
| bta-miR-128 | -13.8 | 114 |
| bta-miR-128 | -13.6 | 268 |
| bta-miR-128 | -13.4 | 423 |
| bta-miR-128 | -13.2 | 201 |
| bta-miR-128 | -13.2 | 38 |
| bta-miR-128 | -13.0 | 124 |
| bta-miR-128 | -12.8 | 242 |
| bta-miR-128 | -12.4 | 557 |
| bta-miR-128 | -11.9 | 142 |
| bta-miR-128 | -11.1 | 1 |
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| bta-miR-128 | -10.6 | 154 |
| bta-miR-128 | -10.3 | 385 |
| bta-miR-145 | -28.4 | 620 |
| bta-miR-145 | -26.9 | 83 |
| bta-miR-145 | -23.9 | 449 |
| bta-miR-145 | -23.4 | 400 |
| bta-miR-145 | -22.0 | 214 |
| bta-miR-145 | -21.4 | 575 |
| bta-miR-145 | -20.4 | 259 |
| bta-miR-145 | -19.2 | 363 |
| bta-miR-145 | -19.0 | 173 |
| bta-miR-145 | -19.0 | 1 |
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| bta-miR-145 | -15.6 | 59 |
| bta-miR-145 | -13.8 | 431 |
| bta-miR-145 | -13.4 | 191 |
| bta-miR-145 | -12.8 | 236 |
| bta-miR-145 | -11.6 | 613 |
| bta-miR-145 | -11.6 | 638 |
| bta-miR-145 | -11.5 | 548 |
| bta-miR-145 | -10.6 | 687 |
| bta-miR-145 | -10.5 | 342 |
| bta-miR-145 | -10.1 | 145 |
| bta-miR-145 | -10.0 | 315 |
| bta-miR-181a | -21.3 | 1 |
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| bta-miR-181a | -18.7 | 364 |
| bta-miR-181a | -17.7 | 397 |
| bta-miR-181a | -17.3 | 256 |
| bta-miR-181a | -17.2 | 482 |
| bta-miR-181a | -17.0 | 623 |

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| bta-miR-181a | -16.5 | 22 |
| bta-miR-181a | -16.5 | 59 |
| bta-miR-181a | -16.2 | 188 |
| bta-miR-181a | -15.8 | 425 |
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| bta-miR-181a | -14.7 | 559 |
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| bta-miR-181a | -13.4 | 456 |
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| bta-miR-181a | -13.3 | 734 |
| bta-miR-181a | -13.1 | 116 |
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| bta-miR-181a | -11.6 | 211 |
| bta-miR-181a | -10.8 | 145 |
| bta-miR-181a | -10.7 | 441 |
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| bta-miR-181a | -10.1 | 319 |
| bta-miR-181a | -10.1 | 326 |
| bta-miR-199a-5p | -25.2 | 605 |
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| bta-miR-199a-5p | -22.0 | 575 |
| bta-miR-199a-5p | -21.5 | 83 |
| bta-miR-199a-5p | -18.3 | 352 |
| bta-miR-199a-5p | -17.6 | 494 |
| bta-miR-199a-5p | -17.6 | 60 |
| bta-miR-199a-5p | -17.3 | 464 |
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| bta-miR-199a-5p | -15.9 | 372 |
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| bta-miR-199a-5p | -14.9 | 730 |
| bta-miR-199a-5p | -14.8 | 170 |
| bta-miR-199a-5p | -14.3 | 435 |
| bta-miR-199a-5p | -14.1 | 548 |
| bta-miR-199a-5p | -13.4 | 232 |
| bta-miR-199a-5p | -13.4 | 566 |
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| bta-miR-199a-5p | -11.3 | 393 |
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| bta-miR-199a-5p | -11.1 | 344 |
| bta-miR-199a-5p | -11.0 | 149 |
| bta-miR-199a-5p | -10.4 | 695 |
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| bta-miR-199a-3p | -18.1 | 482 |
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| bta-miR-199a-3p | -17.1 | 263 |
| bta-miR-199a-3p | -17.0 | 119 |

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| bta-miR-199a-3p | -16.6 | 1 |
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| bta-miR-199a-3p | -15.0 | 544 |
| bta-miR-199a-3p | -14.6 | 229 |
| bta-miR-199a-3p | -14.5 | 723 |
| bta-miR-199a-3p | -13.9 | 81 |
| bta-miR-199a-3p | -13.7 | 143 |
| bta-miR-199a-3p | -13.6 | 34 |
| bta-miR-199a-3p | -13.4 | 456 |
| bta-miR-199a-3p | -13.0 | 601 |
| bta-miR-199a-3p | -11.7 | 166 |
| bta-miR-199a-3p | -11.3 | 670 |
| bta-miR-199a-3p | -10.8 | 688 |
| bta-miR-199a-3p | -10.4 | 359 |
| bta-miR-205 | -27.5 | 603 |
| bta-miR-205 | -23.9 | 576 |
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| bta-miR-205 | -18.0 | 128 |
| bta-miR-205 | -17.9 | 262 |
| bta-miR-205 | -17.8 | 154 |
| bta-miR-205 | -17.7 | 200 |
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| bta-miR-205 | -16.3 | 351 |
| bta-miR-205 | -15.1 | 188 |
| bta-miR-205 | -13.3 | 513 |
| bta-miR-205 | -13.0 | 114 |
| bta-miR-205 | -12.9 | 737 |
| bta-miR-205 | -12.8 | 710 |
| bta-miR-205 | -12.0 | 654 |
| bta-miR-205 | -11.5 | 138 |
| bta-miR-205 | -11.5 | 393 |
| bta-miR-205 | -11.4 | 39 |
| bta-miR-205 | -10.7 | 57 |
| bta-miR-205 | -10.3 | 327 |
| bta-miR-205 | -10.3 | 560 |
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| bta-miR-205 | -10.0 | 376 |
| bta-miR-27b | -22.3 | 415 |
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| bta-miR-27b | -16.8 | 555 |
| bta-miR-27b | -16.0 | 349 |
| bta-miR-27b | -15.8 | 238 |
| bta-miR-27b | -15.6 | 599 |
| bta-miR-27b | -15.4 | 516 |
| bta-miR-27b | -15.1 | 128 |
| bta-miR-27b | -15.0 | 575 |
| bta-miR-27b | -14.8 | 41 |

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| bta-miR-27b | -10.2 | 623 |
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| bta-miR-30b-5p | -24.3 | 12 |
| bta-miR-30b-5p | -21.0 | 605 |
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| bta-miR-30b-5p | -18.3 | 351 |
| bta-miR-30b-5p | -17.7 | 435 |
| bta-miR-30b-5p | -17.5 | 65 |
| bta-miR-30b-5p | -17.4 | 414 |
| bta-miR-30b-5p | -16.8 | 653 |
| bta-miR-30b-5p | -15.6 | 539 |
| bta-miR-30b-5p | -15.6 | 586 |
| bta-miR-30b-5p | -15.6 | 487 |
| bta-miR-30b-5p | -15.0 | 216 |
| bta-miR-30b-5p | -15.0 | 265 |
| bta-miR-30b-5p | -13.9 | 37 |
| bta-miR-30b-5p | -13.7 | 629 |
| bta-miR-30b-5p | -13.2 | 166 |
| bta-miR-30b-5p | -12.9 | 184 |
| bta-miR-30b-5p | -12.3 | 92 |
| bta-miR-30b-5p | -12.2 | 559 |
| bta-miR-30b-5p | -12.0 | 233 |
| bta-miR-30b-5p | -11.5 | 198 |
| bta-miR-30b-5p | -10.8 | 456 |
| bta-miR-30b-5p | -10.3 | 698 |
| bta-miR-30b-3p | -25.3 | 201 |
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| bta-miR-30b-3p | -22.0 | 154 |
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| bta-miR-30b-3p | -19.7 | 375 |
| bta-miR-30b-3p | -17.9 | 223 |
| bta-miR-30b-3p | -17.9 | 411 |
| bta-miR-30b-3p | -17.9 | 49 |
| bta-miR-30b-3p | -17.2 | 555 |
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| bta-miR-30b-3p | -11.5 | 283 |

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| bta-miR-30b-3p | -10.1 | 527 |
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| bta-miR-31 | -24.2 | 408 |
| bta-miR-31 | -23.2 | 653 |
| bta-miR-31 | -20.9 | 559 |
| bta-miR-31 | -20.4 | 487 |
| bta-miR-31 | -20.2 | 155 |
| bta-miR-31 | -20.0 | 387 |
| bta-miR-31 | -20.0 | 85 |
| bta-miR-31 | -19.7 | 115 |
| bta-miR-31 | -18.7 | 38 |
| bta-miR-31 | -18.2 | 282 |
| bta-miR-31 | -18.2 | 614 |
| bta-miR-31 | -17.3 | 520 |
| bta-miR-31 | -16.1 | 344 |
| bta-miR-31 | -15.9 | 232 |
| bta-miR-31 | -15.7 | 198 |
| bta-miR-31 | -14.0 | 686 |
| bta-miR-31 | -13.5 | 256 |
| bta-miR-31 | -13.2 | 61 |
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| bta-miR-31 | -12.0 | 545 |
| bta-miR-31 | -11.1 | 428 |
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| bta-miR-34b | -22.4 | 8 |
| bta-miR-34b | -22.3 | 410 |
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| bta-miR-34b | -19.0 | 452 |
| bta-miR-34b | -18.6 | 150 |
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| bta-miR-34b | -16.1 | 576 |
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| bta-miR-34b | -15.0 | 516 |
| bta-miR-34b | -14.9 | 376 |
| bta-miR-34b | -14.9 | 487 |
| bta-miR-34b | -14.3 | 692 |
| bta-miR-34b | -13.9 | 198 |
| bta-miR-34b | -13.9 | 238 |
| bta-miR-34b | -13.3 | 737 |
| bta-miR-34b | -13.2 | 128 |
| bta-miR-34b | -12.9 | 662 |
| bta-miR-34b | -12.4 | 263 |
| bta-miR-34b | -12.2 | 623 |
| bta-miR-34b | -10.9 | 54 |
| bta-miR-34b | -10.4 | 311 |

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| bta-miR-106 | -23.4 | 367 |
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| bta-miR-106 | -20.0 | 581 |
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| bta-miR-106 | -14.8 | 559 |
| bta-miR-106 | -14.4 | 615 |
| bta-miR-106 | -14.1 | 341 |
| bta-miR-106 | -13.8 | 85 |
| bta-miR-106 | -13.4 | 493 |
| bta-miR-106 | -13.4 | 275 |
| bta-miR-106 | -13.2 | 543 |
| bta-miR-106 | -12.4 | 167 |
| bta-miR-106 | -11.9 | 684 |
| bta-miR-106 | -11.9 | 739 |
| bta-miR-106 | -11.6 | 307 |
| bta-miR-106 | -11.2 | 210 |
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| bta-miR-106 | -11.0 | 249 |
| bta-miR-106 | -10.7 | 2 |
| bta-miR-106 | -10.6 | 356 |
| bta-miR-107 | -27.8 | 108 |
| bta-miR-107 | -22.5 | 361 |
| bta-miR-107 | -22.4 | 243 |
| bta-miR-107 | -20.8 | 472 |
| bta-miR-107 | -20.4 | 407 |
| bta-miR-107 | -20.2 | 166 |
| bta-miR-107 | -20.0 | 50 |
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| bta-miR-107 | -18.8 | 29 |
| bta-miR-107 | -18.8 | 546 |
| bta-miR-107 | -18.7 | 497 |
| bta-miR-107 | -18.6 | 429 |
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| bta-miR-107 | -17.6 | 623 |
| bta-miR-107 | -17.4 | 653 |
| bta-miR-107 | -15.2 | 89 |
| bta-miR-107 | -15.1 | 711 |
| bta-miR-107 | -13.5 | 282 |
| bta-miR-107 | -13.5 | 683 |
| bta-miR-107 | -13.4 | 142 |
| bta-miR-107 | -13.2 | 205 |
| bta-miR-107 | -13.1 | 19 |
| bta-miR-107 | -12.1 | 125 |
| bta-miR-107 | -11.3 | 526 |
| bta-miR-107 | -10.7 | 386 |
| bta-miR-107 | -10.6 | 328 |
| bta-miR-107 | -10.3 | 191 |
| bta-miR-107 | -10.2 | 401 |
| bta-miR-10a | -22.2 | 494 |

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| bta-miR-10a | -16.8 | 702 |
| bta-miR-10a | -16.2 | 454 |
| bta-miR-10a | -16.0 | 2 |
| bta-miR-10a | -15.1 | 403 |
| bta-miR-10a | -14.3 | 71 |
| bta-miR-10a | -14.1 | 271 |
| bta-miR-10a | -13.8 | 106 |
| bta-miR-10a | -13.7 | 199 |
| bta-miR-10a | -13.6 | 434 |
| bta-miR-10a | -13.4 | 382 |
| bta-miR-10a | -13.4 | 469 |
| bta-miR-10a | -13.2 | 148 |
| bta-miR-10a | -13.1 | 654 |
| bta-miR-10a | -12.4 | 224 |
| bta-miR-10a | -12.3 | 733 |
| bta-miR-10a | -12.2 | 344 |
| bta-miR-10a | -11.7 | 556 |
| bta-miR-10a | -11.0 | 86 |
| bta-miR-10a | -10.2 | 258 |
| bta-miR-127 | -31.6 | 482 |
| bta-miR-127 | -27.1 | 407 |
| bta-miR-127 | -25.9 | 65 |
| bta-miR-127 | -24.6 | 119 |
| bta-miR-127 | -23.8 | 429 |
| bta-miR-127 | -23.3 | 198 |
| bta-miR-127 | -22.5 | 166 |
| bta-miR-127 | -22.3 | 8 |
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| bta-miR-127 | -21.5 | 698 |
| bta-miR-127 | -21.1 | 603 |
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| bta-miR-127 | -18.2 | 622 |
| bta-miR-127 | -18.2 | 650 |
| bta-miR-127 | -15.6 | 29 |
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| bta-miR-127 | -14.3 | 50 |
| bta-miR-127 | -13.9 | 555 |
| bta-miR-127 | -13.6 | 331 |
| bta-miR-127 | -13.2 | 308 |
| bta-miR-127 | -13.0 | 515 |
| bta-miR-127 | -13.0 | 737 |
| bta-miR-127 | -12.9 | 97 |
| bta-miR-127 | -11.4 | 392 |
| bta-miR-127 | -11.3 | 472 |
| bta-miR-127 | -11.1 | 507 |
| bta-miR-127 | -10.8 | 154 |
| bta-miR-127 | -10.3 | 282 |
| bta-miR-139 | -27.1 | 346 |
| bta-miR-139 | -26.4 | 477 |
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| bta-miR-139 | -23.1 | 415 |
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| bta-miR-139 | -18.1 | 595 |
| bta-miR-139 | -17.1 | 267 |

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| bta-miR-139 | -16.9 | 373 |
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| bta-miR-139 | -15.3 | 172 |
| bta-miR-139 | -15.2 | 112 |
| bta-miR-139 | -14.6 | 449 |
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| bta-miR-140 | -23.5 | 660 |
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| bta-miR-140 | -22.0 | 618 |
| bta-miR-140 | -20.6 | 342 |
| bta-miR-140 | -20.6 | 497 |
| bta-miR-140 | -20.4 | 564 |
| bta-miR-140 | -19.3 | 247 |
| bta-miR-140 | -19.2 | 98 |
| bta-miR-140 | -18.8 | 14 |
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| bta-miR-140 | -14.9 | 541 |
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| bta-miR-140 | -14.0 | 311 |
| bta-miR-140 | -14.0 | 741 |
| bta-miR-140 | -13.5 | 209 |
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| bta-miR-140 | -13.0 | 684 |
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| bta-miR-140 | -12.3 | 2 |
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| bta-miR-142 | -13.4 | 584 |
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| bta-miR-142 | -12.6 | 63 |
| bta-miR-142 | -12.6 | 559 |
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| bta-miR-142 | -11.4 | 185 |
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| bta-miR-142 | -11.0 | 618 |
| bta-miR-142 | -10.7 | 741 |
| bta-miR-142 | -10.6 | 697 |

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| bta-miR-142 | -10.0 | 678 |
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| bta-miR-142* | -19.1 | 258 |
| bta-miR-142* | -18.7 | 191 |
| bta-miR-142* | -17.7 | 459 |
| bta-miR-142* | -17.4 | 60 |
| bta-miR-142* | -17.4 | 161 |
| bta-miR-142* | -16.7 | 618 |
| bta-miR-142* | -15.9 | 97 |
| bta-miR-142* | -15.9 | 401 |
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| bta-miR-142* | -13.4 | 235 |
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| bta-miR-142* | -12.2 | 604 |
| bta-miR-142* | -11.7 | 147 |
| bta-miR-142* | -11.3 | 384 |
| bta-miR-142* | -11.3 | 551 |
| bta-miR-142* | -10.6 | 299 |
| bta-miR-142* | -10.5 | 639 |
| bta-miR-142* | -10.4 | 514 |
| bta-miR-142* | -10.3 | 279 |
| bta-miR-15b | -22.3 | 554 |
| bta-miR-15b | -22.2 | 7 |
| bta-miR-15b | -20.7 | 406 |
| bta-miR-15b | -18.8 | 531 |
| bta-miR-15b | -18.6 | 723 |
| bta-miR-15b | -18.2 | 108 |
| bta-miR-15b | -18.2 | 347 |
| bta-miR-15b | -17.9 | 497 |
| bta-miR-15b | -17.8 | 69 |
| bta-miR-15b | -17.2 | 644 |
| bta-miR-15b | -16.5 | 366 |
| bta-miR-15b | -16.1 | 471 |
| bta-miR-15b | -15.6 | 619 |
| bta-miR-15b | -15.4 | 27 |
| bta-miR-15b | -14.4 | 242 |
| bta-miR-15b | -14.0 | 293 |
| bta-miR-15b | -13.9 | 424 |
| bta-miR-15b | -13.0 | 91 |
| bta-miR-15b | -12.5 | 169 |
| bta-miR-15b | -12.5 | 686 |
| bta-miR-15b | -12.3 | 591 |
| bta-miR-15b | -12.0 | 143 |
| bta-miR-15b | -11.9 | 124 |
| bta-miR-15b | -11.5 | 273 |
| bta-miR-15b | -11.5 | 339 |
| bta-miR-15b | -11.2 | 195 |
| bta-miR-181b | -24.1 | 162 |
| bta-miR-181b | -22.8 | 340 |
| bta-miR-181b | -22.4 | 472 |
| bta-miR-181b | -21.4 | 594 |
| bta-miR-181b | -20.7 | 509 |

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| bta-miR-181b | -19.6 | 424 |
| bta-miR-181b | -18.8 | 29 |
| bta-miR-181b | -18.7 | 50 |
| bta-miR-181b | -18.7 | 361 |
| bta-miR-181b | -18.5 | 563 |
| bta-miR-181b | -17.9 | 185 |
| bta-miR-181b | -17.8 | 108 |
| bta-miR-181b | -17.4 | 406 |
| bta-miR-181b | -16.9 | 623 |
| bta-miR-181b | -16.8 | 324 |
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| bta-miR-181b | -16.8 | 243 |
| bta-miR-181b | -16.4 | 260 |
| bta-miR-181b | -15.7 | 142 |
| bta-miR-181b | -14.2 | 120 |
| bta-miR-181b | -14.2 | 135 |
| bta-miR-181b | -14.0 | 274 |
| bta-miR-181b | -13.6 | 701 |
| bta-miR-181b | -13.5 | 317 |
| bta-miR-181b | -13.0 | 73 |
| bta-miR-181b | -12.8 | 739 |
| bta-miR-181b | -12.2 | 455 |
| bta-miR-181b | -12.2 | 306 |
| bta-miR-181b | -12.0 | 540 |
| bta-miR-181b | -10.1 | 386 |
| bta-miR-181b | -10.1 | 666 |
| bta-miR-193a-5p | -23.5 | 546 |
| bta-miR-193a-5p | -23.1 | 23 |
| bta-miR-193a-5p | -22.7 | 395 |
| bta-miR-193a-5p | -22.2 | 354 |
| bta-miR-193a-5p | -21.8 | 167 |
| bta-miR-193a-5p | -21.3 | 473 |
| bta-miR-193a-5p | -20.1 | 299 |
| bta-miR-193a-5p | -20.1 | 190 |
| bta-miR-193a-5p | -20.0 | 118 |
| bta-miR-193a-5p | -19.7 | 53 |
| bta-miR-193a-5p | -19.5 | 2 |
| bta-miR-193a-5p | -19.4 | 577 |
| bta-miR-193a-5p | -19.3 | 137 |
| bta-miR-193a-5p | -18.6 | 235 |
| bta-miR-193a-5p | -18.3 | 256 |
| bta-miR-193a-5p | -17.4 | 488 |
| bta-miR-193a-5p | -17.3 | 428 |
| bta-miR-193a-5p | -17.0 | 89 |
| bta-miR-193a-5p | -16.8 | 639 |
| bta-miR-193a-5p | -16.3 | 618 |
| bta-miR-193a-5p | -15.9 | 664 |
| bta-miR-193a-5p | -15.7 | 211 |
| bta-miR-193a-5p | -15.3 | 565 |
| bta-miR-193a-5p | -14.8 | 323 |
| bta-miR-193a-5p | -14.7 | 694 |
| bta-miR-193a-5p | -14.7 | 337 |
| bta-miR-193a-5p | -13.9 | 377 |
| bta-miR-193a-5p | -13.8 | 606 |
| bta-miR-193a-5p | -13.5 | 734 |
| bta-miR-193a-5p | -12.4 | 512 |
| bta-miR-193a-5p | -12.2 | 461 |
| bta-miR-193a-5p | -11.2 | 286 |

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| bta-miR-193a-5p | -10.3 | 744 |
| bta-miR-193a-3p | -28.2 | 13 |
| bta-miR-193a-3p | -26.5 | 66 |
| bta-miR-193a-3p | -25.2 | 415 |
| bta-miR-193a-3p | -23.2 | 112 |
| bta-miR-193a-3p | -22.2 | 606 |
| bta-miR-193a-3p | -19.9 | 477 |
| bta-miR-193a-3p | -17.2 | 364 |
| bta-miR-193a-3p | -17.1 | 267 |
| bta-miR-193a-3p | -17.1 | 449 |
| bta-miR-193a-3p | -16.3 | 216 |
| bta-miR-193a-3p | -15.6 | 560 |
| bta-miR-193a-3p | -15.1 | 649 |
| bta-miR-193a-3p | -14.0 | 176 |
| bta-miR-193a-3p | -13.9 | 41 |
| bta-miR-193a-3p | -13.8 | 154 |
| bta-miR-193a-3p | -13.7 | 520 |
| bta-miR-193a-3p | -12.7 | 739 |
| bta-miR-193a-3p | -12.1 | 595 |
| bta-miR-193a-3p | -11.4 | 2 |
| bta-miR-193a-3p | -11.3 | 96 |
| bta-miR-193a-3p | -11.0 | 166 |
| bta-miR-193a-3p | -10.9 | 683 |
| bta-miR-193a-3p | -10.7 | 241 |
| bta-miR-193a-3p | -10.1 | 706 |
| bta-miR-20b | -26.3 | 367 |
| bta-miR-20b | -23.0 | 13 |
| bta-miR-20b | -23.0 | 425 |
| bta-miR-20b | -22.4 | 537 |
| bta-miR-20b | -21.8 | 581 |
| bta-miR-20b | -21.4 | 649 |
| bta-miR-20b | -20.3 | 490 |
| bta-miR-20b | -19.6 | 111 |
| bta-miR-20b | -19.1 | 261 |
| bta-miR-20b | -18.3 | 602 |
| bta-miR-20b | -18.2 | 51 |
| bta-miR-20b | -17.9 | 473 |
| bta-miR-20b | -16.7 | 402 |
| bta-miR-20b | -16.5 | 192 |
| bta-miR-20b | -15.7 | 341 |
| bta-miR-20b | -15.3 | 85 |
| bta-miR-20b | -14.6 | 275 |
| bta-miR-20b | -14.1 | 167 |
| bta-miR-20b | -13.9 | 559 |
| bta-miR-20b | -13.3 | 385 |
| bta-miR-20b | -13.3 | 526 |
| bta-miR-20b | -13.1 | 210 |
| bta-miR-20b | -12.5 | 126 |
| bta-miR-20b | -12.4 | 449 |
| bta-miR-20b | -11.9 | 684 |
| bta-miR-20b | -11.9 | 739 |
| bta-miR-20b | -11.7 | 235 |
| bta-miR-20b | -11.6 | 307 |
| bta-miR-20b | -10.8 | 2 |
| bta-miR-20b | -10.6 | 631 |
| bta-miR-215 | -25.2 | 3 |
| bta-miR-215 | -18.2 | 251 |
| bta-miR-215 | -17.7 | 566 |
| bta-miR-215 | -15.5 | 60 |

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| bta-miR-215 | -15.2 | 642 |
| bta-miR-215 | -14.6 | 491 |
| bta-miR-215 | -14.2 | 215 |
| bta-miR-215 | -14.0 | 25 |
| bta-miR-215 | -13.3 | 395 |
| bta-miR-215 | -13.3 | 543 |
| bta-miR-215 | -13.2 | 291 |
| bta-miR-215 | -13.1 | 82 |
| bta-miR-215 | -12.8 | 614 |
| bta-miR-215 | -12.8 | 476 |
| bta-miR-215 | -12.7 | 344 |
| bta-miR-215 | -11.6 | 583 |
| bta-miR-215 | -11.5 | 666 |
| bta-miR-215 | -11.2 | 386 |
| bta-miR-215 | -10.9 | 684 |
| bta-miR-215 | -10.7 | 436 |
| bta-miR-215 | -10.6 | 524 |
| bta-miR-215 | -10.1 | 695 |
| bta-miR-218 | -19.5 | 353 |
| bta-miR-218 | -19.0 | 587 |
| bta-miR-218 | -18.6 | 22 |
| bta-miR-218 | -18.1 | 459 |
| bta-miR-218 | -16.6 | 106 |
| bta-miR-218 | -16.5 | 8 |
| bta-miR-218 | -16.4 | 412 |
| bta-miR-218 | -16.2 | 654 |
| bta-miR-218 | -15.8 | 494 |
| bta-miR-218 | -15.3 | 66 |
| bta-miR-218 | -15.3 | 220 |
| bta-miR-218 | -14.9 | 172 |
| bta-miR-218 | -14.7 | 266 |
| bta-miR-218 | -13.3 | 201 |
| bta-miR-218 | -12.5 | 616 |
| bta-miR-218 | -12.3 | 435 |
| bta-miR-218 | -12.2 | 544 |
| bta-miR-218 | -11.7 | 739 |
| bta-miR-218 | -11.3 | 566 |
| bta-miR-218 | -10.8 | 148 |
| bta-miR-218 | -10.1 | 383 |
| bta-miR-218 | -10.0 | 702 |
| bta-miR-30e-5p | -23.1 | 456 |
| bta-miR-30e-5p | -21.2 | 166 |
| bta-miR-30e-5p | -20.7 | 512 |
| bta-miR-30e-5p | -20.1 | 5 |
| bta-miR-30e-5p | -19.7 | 586 |
| bta-miR-30e-5p | -19.2 | 72 |
| bta-miR-30e-5p | -18.6 | 205 |
| bta-miR-30e-5p | -18.2 | 282 |
| bta-miR-30e-5p | -17.8 | 403 |
| bta-miR-30e-5p | -16.4 | 358 |
| bta-miR-30e-5p | -16.4 | 559 |
| bta-miR-30e-5p | -16.0 | 29 |
| bta-miR-30e-5p | -15.7 | 435 |
| bta-miR-30e-5p | -15.3 | 390 |
| bta-miR-30e-5p | -15.3 | 115 |
| bta-miR-30e-5p | -14.6 | 539 |
| bta-miR-30e-5p | -14.6 | 236 |
| bta-miR-30e-5p | -14.3 | 653 |
| bta-miR-30e-5p | -14.2 | 626 |

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| bta-miR-30e-5p | -13.7 | 263 |
| bta-miR-30e-5p | -12.8 | 637 |
| bta-miR-30e-5p | -12.5 | 98 |
| bta-miR-30e-5p | -12.4 | 58 |
| bta-miR-30e-5p | -12.3 | 499 |
| bta-miR-30e-5p | -11.9 | 143 |
| bta-miR-30e-5p | -11.8 | 184 |
| bta-miR-30e-5p | -11.7 | 342 |
| bta-miR-30e-5p | -11.6 | 698 |
| bta-miR-30e-5p | -10.5 | 222 |
| bta-miR-30e-5p | -10.4 | 316 |
| bta-miR-30e-5p | -10.4 | 127 |
| bta-miR-30e-5p | -10.1 | 713 |
| bta-miR-345-5p | -26.5 | 407 |
| bta-miR-345-5p | -25.5 | 494 |
| bta-miR-345-5p | -24.7 | 605 |
| bta-miR-345-5p | -23.5 | 108 |
| bta-miR-345-5p | -22.7 | 65 |
| bta-miR-345-5p | -22.2 | 472 |
| bta-miR-345-5p | -21.2 | 369 |
| bta-miR-345-5p | -21.1 | 4 |
| bta-miR-345-5p | -19.5 | 205 |
| bta-miR-345-5p | -19.0 | 622 |
| bta-miR-345-5p | -18.9 | 435 |
| bta-miR-345-5p | -17.6 | 270 |
| bta-miR-345-5p | -17.0 | 653 |
| bta-miR-345-5p | -16.9 | 166 |
| bta-miR-345-5p | -16.1 | 584 |
| bta-miR-345-5p | -14.6 | 739 |
| bta-miR-345-5p | -13.9 | 37 |
| bta-miR-345-5p | -13.3 | 527 |
| bta-miR-345-5p | -13.2 | 559 |
| bta-miR-345-5p | -12.2 | 384 |
| bta-miR-345-5p | -12.0 | 350 |
| bta-miR-345-5p | -11.5 | 698 |
| bta-miR-345-5p | -10.6 | 150 |
| bta-miR-345-5p | -10.4 | 263 |
| bta-miR-345-3p | -26.9 | 236 |
| bta-miR-345-3p | -23.6 | 98 |
| bta-miR-345-3p | -22.9 | 461 |
| bta-miR-345-3p | -21.3 | 127 |
| bta-miR-345-3p | -21.3 | 421 |
| bta-miR-345-3p | -21.2 | 514 |
| bta-miR-345-3p | -19.8 | 164 |
| bta-miR-345-3p | -19.6 | 356 |
| bta-miR-345-3p | -19.6 | 579 |
| bta-miR-345-3p | -19.6 | 52 |
| bta-miR-345-3p | -19.4 | 186 |
| bta-miR-345-3p | -18.7 | 317 |
| bta-miR-345-3p | -18.6 | 27 |
| bta-miR-345-3p | -18.4 | 622 |
| bta-miR-345-3p | -17.9 | 136 |
| bta-miR-345-3p | -17.2 | 401 |
| bta-miR-345-3p | -16.6 | 71 |
| bta-miR-345-3p | -16.5 | 9 |
| bta-miR-345-3p | -16.0 | 209 |
| bta-miR-345-3p | -14.6 | 635 |
| bta-miR-345-3p | -14.3 | 707 |
| bta-miR-345-3p | -13.8 | 493 |

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| bta-miR-345-3p | -13.5 | 327 |
| bta-miR-345-3p | -13.4 | 567 |
| bta-miR-345-3p | -12.9 | 737 |
| bta-miR-345-3p | -12.7 | 283 |
| bta-miR-345-3p | -12.6 | 391 |
| bta-miR-345-3p | -11.9 | 331 |
| bta-miR-345-3p | -11.8 | 85 |
| bta-miR-345-3p | -11.7 | 305 |
| bta-miR-345-3p | -11.4 | 650 |
| bta-miR-345-3p | -11.0 | 542 |
| bta-miR-345-3p | -10.3 | 154 |
| bta-miR-345-3p | -10.2 | 444 |
| bta-miR-345-3p | -10.2 | 115 |
| bta-miR-345-3p | -10.1 | 41 |
| bta-miR-345-3p | -10.1 | 607 |
| bta-miR-369-5p | -18.3 | 404 |
| bta-miR-369-5p | -16.0 | 13 |
| bta-miR-369-5p | -15.9 | 730 |
| bta-miR-369-5p | -15.7 | 62 |
| bta-miR-369-5p | -14.5 | 301 |
| bta-miR-369-5p | -14.4 | 614 |
| bta-miR-369-5p | -14.3 | 450 |
| bta-miR-369-5p | -14.1 | 356 |
| bta-miR-369-5p | -14.0 | 584 |
| bta-miR-369-5p | -13.6 | 569 |
| bta-miR-369-5p | -12.8 | 81 |
| bta-miR-369-5p | -12.7 | 497 |
| bta-miR-369-5p | -12.5 | 600 |
| bta-miR-369-5p | -11.9 | 158 |
| bta-miR-369-5p | -11.8 | 335 |
| bta-miR-369-5p | -11.5 | 266 |
| bta-miR-369-5p | -10.9 | 220 |
| bta-miR-369-5p | -10.8 | 376 |
| bta-miR-369-5p | -10.8 | 653 |
| bta-miR-369-5p | -10.7 | 550 |
| bta-miR-369-5p | -10.5 | 176 |
| bta-miR-369-5p | -10.2 | 477 |
| bta-miR-369-5p | -10.1 | 102 |
| bta-miR-369-5p | -10.0 | 199 |
| bta-miR-369-3p | -18.0 | 499 |
| bta-miR-369-3p | -15.2 | 574 |
| bta-miR-369-3p | -15.2 | 16 |
| bta-miR-369-3p | -13.9 | 645 |
| bta-miR-369-3p | -13.4 | 542 |
| bta-miR-369-3p | -13.2 | 101 |
| bta-miR-369-3p | -13.2 | 226 |
| bta-miR-369-3p | -13.0 | 44 |
| bta-miR-369-3p | -12.8 | 449 |
| bta-miR-369-3p | -12.1 | 663 |
| bta-miR-369-3p | -12.1 | 407 |
| bta-miR-369-3p | -11.8 | 423 |
| bta-miR-369-3p | -11.7 | 349 |
| bta-miR-369-3p | -11.6 | 175 |
| bta-miR-369-3p | -11.5 | 239 |
| bta-miR-369-3p | -11.3 | 479 |
| bta-miR-369-3p | -11.2 | 598 |
| bta-miR-369-3p | -11.1 | 201 |
| bta-miR-369-3p | -10.9 | 371 |
| bta-miR-369-3p | -10.7 | 165 |

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| bta-miR-369-3p | -10.6 | 125 |
| bta-miR-369-3p | -10.6 | 340 |
| bta-miR-369-3p | -10.5 | 557 |
| bta-miR-369-3p | -10.4 | 114 |
| bta-miR-380-5p | -23.4 | 654 |
| bta-miR-380-5p | -23.1 | 379 |
| bta-miR-380-5p | -22.5 | 20 |
| bta-miR-380-5p | -19.8 | 525 |
| bta-miR-380-5p | -18.7 | 493 |
| bta-miR-380-5p | -17.7 | 415 |
| bta-miR-380-5p | -17.5 | 252 |
| bta-miR-380-5p | -16.7 | 457 |
| bta-miR-380-5p | -16.6 | 631 |
| bta-miR-380-5p | -16.3 | 66 |
| bta-miR-380-5p | -16.3 | 206 |
| bta-miR-380-5p | -15.6 | 109 |
| bta-miR-380-5p | -14.8 | 606 |
| bta-miR-380-5p | -13.8 | 567 |
| bta-miR-380-5p | -13.2 | 359 |
| bta-miR-380-5p | -12.8 | 584 |
| bta-miR-380-5p | -12.8 | 167 |
| bta-miR-380-5p | -12.4 | 283 |
| bta-miR-380-5p | -12.1 | 3 |
| bta-miR-380-5p | -11.7 | 741 |
| bta-miR-380-5p | -11.3 | 697 |
| bta-miR-380-5p | -10.7 | 336 |
| bta-miR-380-5p | -10.3 | 88 |
| bta-miR-380-3p | -20.1 | 366 |
| bta-miR-380-3p | -19.3 | 478 |
| bta-miR-380-3p | -18.5 | 418 |
| bta-miR-380-3p | -18.1 | 11 |
| bta-miR-380-3p | -17.4 | 108 |
| bta-miR-380-3p | -17.1 | 80 |
| bta-miR-380-3p | -16.9 | 617 |
| bta-miR-380-3p | -16.4 | 497 |
| bta-miR-380-3p | -16.0 | 129 |
| bta-miR-380-3p | -15.7 | 266 |
| bta-miR-380-3p | -15.2 | 737 |
| bta-miR-380-3p | -15.1 | 660 |
| bta-miR-380-3p | -14.7 | 228 |
| bta-miR-380-3p | -14.1 | 563 |
| bta-miR-380-3p | -13.9 | 448 |
| bta-miR-380-3p | -13.9 | 25 |
| bta-miR-380-3p | -13.5 | 589 |
| bta-miR-380-3p | -12.8 | 351 |
| bta-miR-380-3p | -12.6 | 172 |
| bta-miR-380-3p | -11.6 | 66 |
| bta-miR-380-3p | -11.5 | 293 |
| bta-miR-380-3p | -10.7 | 709 |
| bta-miR-380-3p | -10.5 | 518 |
| bta-miR-380-3p | -10.2 | 644 |
| bta-miR-380-3p | -10.1 | 313 |
| bta-miR-380-3p | -10.0 | 51 |
| bta-miR-380-3p | -10.0 | 405 |
| bta-miR-487a | -25.1 | 420 |
| bta-miR-487a | -24.7 | 13 |
| bta-miR-487a | -21.7 | 568 |
| bta-miR-487a | -20.9 | 250 |
| bta-miR-487a | -19.6 | 82 |

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| bta-miR-487a | -19.3 | 616 |
| bta-miR-487a | -17.9 | 356 |
| bta-miR-487a | -17.6 | 708 |
| bta-miR-487a | -17.3 | 39 |
| bta-miR-487a | -16.8 | 231 |
| bta-miR-487a | -16.3 | 498 |
| bta-miR-487a | -15.6 | 644 |
| bta-miR-487a | -14.8 | 454 |
| bta-miR-487a | -14.7 | 477 |
| bta-miR-487a | -14.5 | 387 |
| bta-miR-487a | -14.4 | 112 |
| bta-miR-487a | -13.9 | 739 |
| bta-miR-487a | -13.9 | 542 |
| bta-miR-487a | -13.1 | 185 |
| bta-miR-487a | -12.0 | 330 |
| bta-miR-487a | -11.8 | 1 |
| bta-miR-487a | -11.7 | 280 |
| bta-miR-487a | -11.6 | 199 |
| bta-miR-487a | -11.3 | 97 |
| bta-miR-487a | -10.6 | 140 |
| bta-miR-487a | -10.6 | 155 |
| bta-miR-487a | -10.6 | 240 |
| bta-miR-487a | -10.0 | 167 |
| bta-miR-545* | -19.5 | 97 |
| bta-miR-545* | -17.3 | 484 |
| bta-miR-545* | -16.5 | 409 |
| bta-miR-545* | -16.0 | 572 |
| bta-miR-545* | -15.7 | 343 |
| bta-miR-545* | -15.7 | 459 |
| bta-miR-545* | -15.4 | 715 |
| bta-miR-545* | -15.1 | 514 |
| bta-miR-545* | -14.7 | 169 |
| bta-miR-545* | -14.3 | 235 |
| bta-miR-545* | -14.2 | 200 |
| bta-miR-545* | -13.6 | 4 |
| bta-miR-545* | -13.0 | 596 |
| bta-miR-545* | -12.6 | 645 |
| bta-miR-545* | -12.5 | 681 |
| bta-miR-545* | -12.2 | 143 |
| bta-miR-545* | -11.8 | 53 |
| bta-miR-545* | -11.7 | 368 |
| bta-miR-545* | -11.4 | 258 |
| bta-miR-545* | -11.2 | 384 |
| bta-miR-545* | -11.0 | 76 |
| bta-miR-545* | -10.9 | 495 |
| bta-miR-545* | -10.6 | 20 |
| bta-miR-545 | -16.1 | 13 |
| bta-miR-545 | -14.9 | 603 |
| bta-miR-545 | -14.5 | 71 |
| bta-miR-545 | -13.0 | 489 |
| bta-miR-545 | -12.5 | 408 |
| bta-miR-545 | -12.2 | 550 |
| bta-miR-545 | -12.0 | 369 |
| bta-miR-545 | -11.9 | 516 |
| bta-miR-545 | -11.4 | 326 |
| bta-miR-545 | -11.1 | 654 |
| bta-miR-545 | -10.9 | 732 |
| bta-miR-545 | -10.9 | 148 |
| bta-miR-545 | -10.6 | 436 |

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| bta-miR-545 | -10.5 | 571 |
| bta-miR-545 | -10.4 | 351 |
| bta-miR-545 | -10.0 | 624 |
| bta-miR-92 | -31.0 | 10 |
| bta-miR-92 | -28.9 | 602 |
| bta-miR-92 | -26.0 | 358 |
| bta-miR-92 | -24.8 | 481 |
| bta-miR-92 | -24.2 | 411 |
| bta-miR-92 | -22.0 | 66 |
| bta-miR-92 | -20.5 | 114 |
| bta-miR-92 | -19.6 | 499 |
| bta-miR-92 | -19.6 | 442 |
| bta-miR-92 | -18.2 | 264 |
| bta-miR-92 | -17.7 | 575 |
| bta-miR-92 | -17.2 | 623 |
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| bta-miR-92 | -14.8 | 35 |
| bta-miR-92 | -14.0 | 199 |
| bta-miR-92 | -13.4 | 176 |
| bta-miR-92 | -13.3 | 560 |
| bta-miR-92 | -13.3 | 596 |
| bta-miR-92 | -11.9 | 737 |
| bta-miR-92 | -11.7 | 462 |
| bta-miR-92 | -11.7 | 654 |
| bta-miR-92 | -11.1 | 241 |
| bta-miR-92 | -10.9 | 86 |
| bta-miR-92 | -10.7 | 106 |
| bta-miR-92 | -10.5 | 304 |
| bta-miR-92 | -10.2 | 341 |
| bta-miR-98 | -19.0 | 106 |
| bta-miR-98 | -18.5 | 171 |
| bta-miR-98 | -16.9 | 494 |
| bta-miR-98 | -16.8 | 372 |
| bta-miR-98 | -16.7 | 410 |
| bta-miR-98 | -16.3 | 264 |
| bta-miR-98 | -16.2 | 301 |
| bta-miR-98 | -15.6 | 65 |
| bta-miR-98 | -15.6 | 697 |
| bta-miR-98 | -14.9 | 729 |
| bta-miR-98 | -14.4 | 12 |
| bta-miR-98 | -14.4 | 149 |
| bta-miR-98 | -14.3 | 560 |
| bta-miR-98 | -14.1 | 122 |
| bta-miR-98 | -13.9 | 355 |
| bta-miR-98 | -13.4 | 199 |
| bta-miR-98 | -13.3 | 516 |
| bta-miR-98 | -13.0 | 37 |
| bta-miR-98 | -12.8 | 653 |
| bta-miR-98 | -12.6 | 463 |
| bta-miR-98 | -12.4 | 584 |
| bta-miR-98 | -12.2 | 623 |
| bta-miR-98 | -10.9 | 230 |
| bta-let-7d | -21.8 | 414 |
| bta-let-7d | -21.1 | 375 |
| bta-let-7d | -20.4 | 107 |
| bta-let-7d | -19.6 | 554 |
| bta-let-7d | -19.2 | 456 |
| bta-let-7d | -18.0 | 656 |
| bta-let-7d | -18.0 | 42 |

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| bta-let-7d | -17.8 | 244 |
| bta-let-7d | -17.8 | 266 |
| bta-let-7d | -17.7 | 697 |
| bta-let-7d | -17.6 | 582 |
| bta-let-7d | -17.5 | 16 |
| bta-let-7d | -17.4 | 359 |
| bta-let-7d | -17.0 | 487 |
| bta-let-7d | -16.9 | 293 |
| bta-let-7d | -16.2 | 199 |
| bta-let-7d | -16.1 | 62 |
| bta-let-7d | -15.8 | 183 |
| bta-let-7d | -15.1 | 81 |
| bta-let-7d | -15.0 | 524 |
| bta-let-7d | -14.8 | 618 |
| bta-let-7d | -14.4 | 729 |
| bta-let-7d | -13.5 | 125 |
| bta-let-7d | -13.3 | 402 |
| bta-let-7d | -12.8 | 155 |
| bta-let-7d | -11.4 | 336 |
| bta-miR-124a | -22.7 | 503 |
| bta-miR-124a | -22.4 | 413 |
| bta-miR-124a | -20.0 | 155 |
| bta-miR-124a | -19.7 | 39 |
| bta-miR-124a | -19.4 | 17 |
| bta-miR-124a | -19.0 | 654 |
| bta-miR-124a | -18.9 | 370 |
| bta-miR-124a | -18.8 | 542 |
| bta-miR-124a | -18.8 | 605 |
| bta-miR-124a | -18.6 | 115 |
| bta-miR-124a | -18.4 | 576 |
| bta-miR-124a | -18.2 | 341 |
| bta-miR-124a | -18.0 | 464 |
| bta-miR-124a | -17.9 | 85 |
| bta-miR-124a | -17.7 | 488 |
| bta-miR-124a | -17.1 | 177 |
| bta-miR-124a | -16.5 | 685 |
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| bta-miR-124a | -15.7 | 299 |
| bta-miR-124a | -15.3 | 270 |
| bta-miR-124a | -14.6 | 400 |
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| bta-miR-124a | -11.6 | 532 |
| bta-miR-124a | -11.5 | 631 |
| bta-miR-124a | -11.4 | 565 |
| bta-miR-124a | -11.3 | 384 |
| bta-miR-124a | -10.7 | 326 |
| bta-miR-124a | -10.4 | 448 |
| bta-miR-132 | -25.8 | 408 |
| bta-miR-132 | -22.6 | 570 |
| bta-miR-132 | -20.3 | 9 |
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| bta-miR-132 | -20.1 | 72 |
| bta-miR-132 | -19.8 | 482 |

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| bta-miR-132 | -18.4 | 424 |
| bta-miR-132 | -16.9 | 51 |
| bta-miR-132 | -15.6 | 167 |
| bta-miR-132 | -15.5 | 341 |
| bta-miR-132 | -15.2 | 738 |
| bta-miR-132 | -14.6 | 204 |
| bta-miR-132 | -14.3 | 225 |
| bta-miR-132 | -13.9 | 635 |
| bta-miR-132 | -13.2 | 457 |
| bta-miR-132 | -12.5 | 143 |
| bta-miR-132 | -12.0 | 34 |
| bta-miR-132 | -11.9 | 261 |
| bta-miR-132 | -11.4 | 551 |
| bta-miR-132 | -11.2 | 661 |
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| bta-miR-132 | -10.0 | 515 |
| bta-miR-138 | -24.5 | 114 |
| bta-miR-138 | -24.5 | 155 |
| bta-miR-138 | -23.3 | 51 |
| bta-miR-138 | -23.1 | 576 |
| bta-miR-138 | -22.7 | 482 |
| bta-miR-138 | -22.0 | 85 |
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| bta-miR-138 | -16.6 | 344 |
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| bta-miR-138 | -15.7 | 177 |
| bta-miR-138 | -15.4 | 270 |
| bta-miR-138 | -15.2 | 242 |
| bta-miR-138 | -14.7 | 710 |
| bta-miR-138 | -14.4 | 551 |
| bta-miR-138 | -13.3 | 141 |
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| bta-miR-138 | -12.2 | 605 |
| bta-miR-138 | -11.9 | 414 |
| bta-miR-138 | -11.7 | 291 |
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| bta-miR-138 | -11.0 | 527 |
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| bta-miR-148b | -19.7 | 469 |
| bta-miR-148b | -19.6 | 573 |
| bta-miR-148b | -19.5 | 535 |
| bta-miR-148b | -18.5 | 415 |
| bta-miR-148b | -17.1 | 606 |
| bta-miR-148b | -17.0 | 5 |
| bta-miR-148b | -17.0 | 353 |

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| bta-miR-148b | -15.4 | 172 |
| bta-miR-148b | -14.9 | 517 |
| bta-miR-148b | -14.6 | 654 |
| bta-miR-148b | -14.0 | 733 |
| bta-miR-148b | -13.4 | 384 |
| bta-miR-148b | -13.2 | 552 |
| bta-miR-148b | -12.6 | 106 |
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| bta-miR-148b | -11.8 | 226 |
| bta-miR-148b | -11.4 | 280 |
| bta-miR-148b | -11.3 | 206 |
| bta-miR-148b | -11.0 | 435 |
| bta-miR-148b | -10.9 | 633 |
| bta-miR-148b | -10.6 | 59 |
| bta-miR-148b | -10.3 | 691 |
| bta-miR-17-5p | -23.4 | 367 |
| bta-miR-17-5p | -22.9 | 13 |
| bta-miR-17-5p | -21.9 | 420 |
| bta-miR-17-5p | -20.7 | 579 |
| bta-miR-17-5p | -20.7 | 488 |
| bta-miR-17-5p | -20.6 | 111 |
| bta-miR-17-5p | -20.4 | 649 |
| bta-miR-17-5p | -19.5 | 537 |
| bta-miR-17-5p | -18.3 | 189 |
| bta-miR-17-5p | -18.0 | 51 |
| bta-miR-17-5p | -17.6 | 457 |
| bta-miR-17-5p | -17.4 | 86 |
| bta-miR-17-5p | -16.7 | 560 |
| bta-miR-17-5p | -16.3 | 261 |
| bta-miR-17-5p | -15.9 | 385 |
| bta-miR-17-5p | -14.5 | 618 |
| bta-miR-17-5p | -14.3 | 341 |
| bta-miR-17-5p | -13.4 | 739 |
| bta-miR-17-5p | -13.2 | 138 |
| bta-miR-17-5p | -13.2 | 526 |
| bta-miR-17-5p | -12.8 | 275 |
| bta-miR-17-5p | -12.4 | 307 |
| bta-miR-17-5p | -12.4 | 167 |
| bta-miR-17-5p | -12.4 | 668 |
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| bta-miR-17-5p | -10.7 | 2 |
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| bta-miR-17-3p | -21.8 | 480 |
| bta-miR-17-3p | -21.4 | 573 |
| bta-miR-17-3p | -20.5 | 355 |
| bta-miR-17-3p | -19.3 | 408 |
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| bta-miR-17-3p | -17.1 | 172 |
| bta-miR-17-3p | -17.0 | 631 |
| bta-miR-17-3p | -16.8 | 70 |
| bta-miR-17-3p | -16.7 | 544 |
| bta-miR-17-3p | -16.2 | 425 |
| bta-miR-17-3p | -15.9 | 151 |
| bta-miR-17-3p | -15.9 | 558 |
| bta-miR-17-3p | -15.7 | 257 |

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| bta-miR-17-3p | -14.3 | 278 |
| bta-miR-17-3p | -14.0 | 596 |
| bta-miR-17-3p | -13.4 | 86 |
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| bta-miR-17-3p | -11.7 | 531 |
| bta-miR-17-3p | -11.6 | 453 |
| bta-miR-17-3p | -11.1 | 473 |
| bta-miR-17-3p | -11.1 | 506 |
| bta-miR-17-3p | -10.9 | 22 |
| bta-miR-17-3p | -10.7 | 693 |
| bta-miR-17-3p | -10.6 | 739 |
| bta-miR-181c | -25.2 | 1 |
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| bta-miR-181c | -19.3 | 71 |
| bta-miR-181c | -18.6 | 406 |
| bta-miR-181c | -17.1 | 558 |
| bta-miR-181c | -17.1 | 734 |
| bta-miR-181c | -16.1 | 361 |
| bta-miR-181c | -15.5 | 622 |
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| bta-miR-181c | -15.1 | 425 |
| bta-miR-181c | -14.9 | 481 |
| bta-miR-181c | -14.6 | 520 |
| bta-miR-181c | -14.0 | 129 |
| bta-miR-181c | -14.0 | 188 |
| bta-miR-181c | -14.0 | 334 |
| bta-miR-181c | -13.9 | 648 |
| bta-miR-181c | -13.4 | 443 |
| bta-miR-181c | -13.0 | 273 |
| bta-miR-181c | -12.9 | 211 |
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| bta-miR-181c | -12.5 | 59 |
| bta-miR-181c | -12.3 | 114 |
| bta-miR-181c | -12.3 | 695 |
| bta-miR-181c | -11.8 | 313 |
| bta-miR-181c | -10.9 | 352 |
| bta-miR-181c | -10.8 | 49 |
| bta-miR-181c | -10.8 | 145 |
| bta-miR-181c | -10.3 | 229 |
| bta-miR-181c | -10.1 | 326 |
| bta-miR-181c | -10.0 | 666 |
| bta-miR-186 | -25.6 | 166 |
| bta-miR-186 | -24.3 | 623 |
| bta-miR-186 | -23.4 | 429 |
| bta-miR-186 | -19.5 | 605 |
| bta-miR-186 | -18.9 | 205 |
| bta-miR-186 | -18.8 | 472 |
| bta-miR-186 | -18.2 | 270 |
| bta-miR-186 | -17.2 | 29 |
| bta-miR-186 | -17.2 | 234 |
| bta-miR-186 | -16.7 | 108 |

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| bta-miR-186 | -16.7 | 50 |
| bta-miR-186 | -16.2 | 361 |
| bta-miR-186 | -14.3 | 330 |
| bta-miR-186 | -14.3 | 97 |
| bta-miR-186 | -13.9 | 308 |
| bta-miR-186 | -13.9 | 4 |
| bta-miR-186 | -13.6 | 407 |
| bta-miR-186 | -13.2 | 566 |
| bta-miR-186 | -12.5 | 669 |
| bta-miR-186 | -12.3 | 344 |
| bta-miR-186 | -12.3 | 499 |
| bta-miR-186 | -11.7 | 192 |
| bta-miR-186 | -10.9 | 698 |
| bta-miR-186 | -10.6 | 596 |
| bta-miR-186 | -10.1 | 324 |
| bta-miR-186 | -10.0 | 78 |
| bta-miR-191 | -23.8 | 617 |
| bta-miR-191 | -23.1 | 64 |
| bta-miR-191 | -21.8 | 410 |
| bta-miR-191 | -21.6 | 495 |
| bta-miR-191 | -19.4 | 453 |
| bta-miR-191 | -18.5 | 165 |
| bta-miR-191 | -18.1 | 559 |
| bta-miR-191 | -17.9 | 115 |
| bta-miR-191 | -17.8 | 696 |
| bta-miR-191 | -17.2 | 278 |
| bta-miR-191 | -16.9 | 12 |
| bta-miR-191 | -16.5 | 472 |
| bta-miR-191 | -16.3 | 586 |
| bta-miR-191 | -16.2 | 653 |
| bta-miR-191 | -15.1 | 219 |
| bta-miR-191 | -14.7 | 742 |
| bta-miR-191 | -14.6 | 516 |
| bta-miR-191 | -13.6 | 682 |
| bta-miR-191 | -13.3 | 243 |
| bta-miR-191 | -12.7 | 603 |
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| bta-miR-191 | -11.4 | 548 |
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| bta-miR-191 | -10.3 | 358 |
| bta-miR-191 | -10.3 | 448 |
| bta-miR-191 | -10.1 | 198 |
| bta-miR-191 | -10.0 | 1 |
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| bta-miR-192 | -19.0 | 413 |
| bta-miR-192 | -18.3 | 582 |
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| bta-miR-192 | -15.3 | 632 |
| bta-miR-192 | -14.9 | 155 |
| bta-miR-192 | -14.7 | 432 |
| bta-miR-192 | -14.6 | 369 |
| bta-miR-192 | -14.1 | 216 |

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| bta-miR-192 | -14.1 | 740 |
| bta-miR-192 | -13.1 | 72 |
| bta-miR-192 | -12.4 | 524 |
| bta-miR-192 | -12.2 | 497 |
| bta-miR-192 | -11.9 | 292 |
| bta-miR-192 | -11.5 | 185 |
| bta-miR-192 | -11.3 | 455 |
| bta-miR-192 | -11.0 | 623 |
| bta-miR-192 | -10.4 | 667 |
| bta-miR-192 | -10.2 | 548 |
| bta-miR-199b | -22.8 | 1 |
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| bta-miR-199b | -21.9 | 600 |
| bta-miR-199b | -20.4 | 65 |
| bta-miR-199b | -20.4 | 445 |
| bta-miR-199b | -18.3 | 92 |
| bta-miR-199b | -16.8 | 494 |
| bta-miR-199b | -16.6 | 198 |
| bta-miR-199b | -16.5 | 242 |
| bta-miR-199b | -16.3 | 352 |
| bta-miR-199b | -16.1 | 650 |
| bta-miR-199b | -15.4 | 170 |
| bta-miR-199b | -15.2 | 734 |
| bta-miR-199b | -14.4 | 420 |
| bta-miR-199b | -14.3 | 372 |
| bta-miR-199b | -14.1 | 559 |
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| bta-miR-199b | -11.9 | 577 |
| bta-miR-199b | -11.6 | 221 |
| bta-miR-199b | -11.0 | 149 |
| bta-miR-199b | -11.0 | 516 |
| bta-miR-199b | -10.7 | 281 |
| bta-miR-199b | -10.6 | 28 |
| bta-miR-199b | -10.4 | 128 |
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| bta-miR-199b | -10.0 | 692 |
| bta-miR-200a | -22.4 | 352 |
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| bta-miR-200a | -19.4 | 592 |
| bta-miR-200a | -18.8 | 383 |
| bta-miR-200a | -18.2 | 472 |
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| bta-miR-200a | -14.4 | 565 |
| bta-miR-200a | -13.8 | 85 |
| bta-miR-200a | -13.6 | 188 |
| bta-miR-200a | -13.6 | 415 |
| bta-miR-200a | -13.5 | 738 |
| bta-miR-200a | -13.3 | 613 |
| bta-miR-200a | -12.4 | 454 |
| bta-miR-200a | -12.1 | 149 |
| bta-miR-200a | -11.9 | 206 |

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| bta-miR-200a | -11.8 | 436 |
| bta-miR-200a | -11.4 | 667 |
| bta-miR-200a | -11.0 | 109 |
| bta-miR-200a | -10.7 | 308 |
| bta-miR-200a | -10.4 | 118 |
| bta-miR-200c | -23.4 | 5 |
| bta-miR-200c | -21.6 | 342 |
| bta-miR-200c | -21.1 | 52 |
| bta-miR-200c | -19.3 | 572 |
| bta-miR-200c | -19.1 | 467 |
| bta-miR-200c | -19.0 | 409 |
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| bta-miR-200c | -18.5 | 514 |
| bta-miR-200c | -18.0 | 164 |
| bta-miR-200c | -17.5 | 247 |
| bta-miR-200c | -16.3 | 639 |
| bta-miR-200c | -16.2 | 295 |
| bta-miR-200c | -15.2 | 143 |
| bta-miR-200c | -14.5 | 618 |
| bta-miR-200c | -14.4 | 23 |
| bta-miR-200c | -14.3 | 459 |
| bta-miR-200c | -14.2 | 428 |
| bta-miR-200c | -14.0 | 207 |
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| bta-miR-200c | -13.3 | 699 |
| bta-miR-200c | -12.6 | 182 |
| bta-miR-200c | -12.5 | 118 |
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| bta-miR-200c | -11.7 | 715 |
| bta-miR-200c | -11.4 | 270 |
| bta-miR-200c | -11.2 | 85 |
| bta-miR-200c | -11.2 | 275 |
| bta-miR-200c | -11.0 | 564 |
| bta-miR-200c | -10.5 | 666 |
| bta-miR-200c | -10.0 | 72 |
| bta-miR-210 | -30.9 | 107 |
| bta-miR-210 | -27.3 | 559 |
| bta-miR-210 | -25.7 | 472 |
| bta-miR-210 | -25.3 | 72 |
| bta-miR-210 | -24.9 | 410 |
| bta-miR-210 | -23.6 | 37 |
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| bta-miR-210 | -20.9 | 243 |
| bta-miR-210 | -20.8 | 583 |
| bta-miR-210 | -20.2 | 361 |
| bta-miR-210 | -16.7 | 277 |
| bta-miR-210 | -16.4 | 637 |
| bta-miR-210 | -15.4 | 342 |
| bta-miR-210 | -14.2 | 137 |
| bta-miR-210 | -14.0 | 516 |
| bta-miR-210 | -14.0 | 742 |
| bta-miR-210 | -13.8 | 228 |
| bta-miR-210 | -13.6 | 207 |
| bta-miR-210 | -13.1 | 19 |
| bta-miR-210 | -13.1 | 543 |
| bta-miR-210 | -12.5 | 444 |
| bta-miR-210 | -12.4 | 617 |

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| bta-miR-210 | -11.5 | 311 |
| bta-miR-210 | -11.4 | 692 |
| bta-miR-210 | -11.0 | 29 |
| bta-miR-214 | -30.6 | 560 |
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| bta-miR-214 | -22.4 | 473 |
| bta-miR-214 | -22.1 | 529 |
| bta-miR-214 | -19.9 | 51 |
| bta-miR-214 | -18.2 | 656 |
| bta-miR-214 | -18.0 | 30 |
| bta-miR-214 | -17.5 | 244 |
| bta-miR-214 | -17.0 | 624 |
| bta-miR-214 | -16.5 | 511 |
| bta-miR-214 | -15.4 | 391 |
| bta-miR-214 | -15.2 | 283 |
| bta-miR-214 | -14.7 | 685 |
| bta-miR-214 | -14.6 | 167 |
| bta-miR-214 | -13.5 | 119 |
| bta-miR-214 | -13.2 | 739 |
| bta-miR-214 | -12.9 | 585 |
| bta-miR-214 | -12.2 | 206 |
| bta-miR-214 | -12.1 | 337 |
| bta-miR-214 | -11.8 | 457 |
| bta-miR-214 | -11.1 | 138 |
| bta-miR-214 | -10.7 | 431 |
| bta-miR-214 | -10.3 | 408 |
| bta-miR-22-5p | -24.1 | 556 |
| bta-miR-22-5p | -22.6 | 423 |
| bta-miR-22-5p | -22.2 | 349 |
| bta-miR-22-5p | -21.7 | 203 |
| bta-miR-22-5p | -21.1 | 454 |
| bta-miR-22-5p | -20.6 | 82 |
| bta-miR-22-5p | -20.4 | 114 |
| bta-miR-22-5p | -20.0 | 615 |
| bta-miR-22-5p | -19.7 | 404 |
| bta-miR-22-5p | -19.4 | 152 |
| bta-miR-22-5p | -18.3 | 265 |
| bta-miR-22-5p | -16.7 | 11 |
| bta-miR-22-5p | -16.6 | 231 |
| bta-miR-22-5p | -16.6 | 585 |
| bta-miR-22-5p | -16.4 | 48 |
| bta-miR-22-5p | -15.5 | 375 |
| bta-miR-22-5p | -15.2 | 491 |
| bta-miR-22-5p | -14.5 | 652 |
| bta-miR-22-5p | -14.4 | 734 |
| bta-miR-22-5p | -13.3 | 695 |
| bta-miR-22-5p | -12.5 | 307 |
| bta-miR-22-5p | -11.9 | 2 |
| bta-miR-22-5p | -11.1 | 520 |
| bta-miR-22-5p | -10.9 | 331 |
| bta-miR-22-5p | -10.9 | 249 |
| bta-miR-22-5p | -10.8 | 136 |
| bta-miR-22-5p | -10.8 | 185 |
| bta-miR-22-5p | -10.7 | 195 |

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| bta-miR-22-5p | -10.3 | 445 |
| bta-miR-22-3p | -21.8 | 463 |
| bta-miR-22-3p | -21.8 | 5 |
| bta-miR-22-3p | -21.2 | 393 |
| bta-miR-22-3p | -20.9 | 59 |
| bta-miR-22-3p | -19.9 | 738 |
| bta-miR-22-3p | -17.4 | 607 |
| bta-miR-22-3p | -17.3 | 264 |
| bta-miR-22-3p | -17.1 | 176 |
| bta-miR-22-3p | -17.0 | 76 |
| bta-miR-22-3p | -16.8 | 100 |
| bta-miR-22-3p | -16.4 | 632 |
| bta-miR-22-3p | -15.8 | 358 |
| bta-miR-22-3p | -14.3 | 516 |
| bta-miR-22-3p | -14.1 | 551 |
| bta-miR-22-3p | -13.8 | 165 |
| bta-miR-22-3p | -13.3 | 209 |
| bta-miR-22-3p | -13.2 | 41 |
| bta-miR-22-3p | -13.2 | 450 |
| bta-miR-22-3p | -12.9 | 575 |
| bta-miR-22-3p | -12.6 | 487 |
| bta-miR-22-3p | -12.4 | 677 |
| bta-miR-22-3p | -11.8 | 23 |
| bta-miR-22-3p | -11.1 | 424 |
| bta-miR-22-3p | -10.7 | 146 |
| bta-miR-22-3p | -10.4 | 294 |
| bta-miR-22-3p | -10.2 | 703 |
| bta-miR-22-3p | -10.1 | 231 |
| bta-miR-23a | -22.5 | 619 |
| bta-miR-23a | -21.9 | 505 |
| bta-miR-23a | -20.7 | 368 |
| bta-miR-23a | -20.3 | 478 |
| bta-miR-23a | -19.7 | 422 |
| bta-miR-23a | -19.2 | 258 |
| bta-miR-23a | -19.2 | 575 |
| bta-miR-23a | -18.8 | 3 |
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| bta-miR-23a | -16.6 | 176 |
| bta-miR-23a | -16.4 | 400 |
| bta-miR-23a | -15.5 | 231 |
| bta-miR-23a | -15.5 | 650 |
| bta-miR-23a | -15.5 | 454 |
| bta-miR-23a | -13.9 | 33 |
| bta-miR-23a | -13.3 | 357 |
| bta-miR-23a | -13.1 | 280 |
| bta-miR-23a | -12.5 | 60 |
| bta-miR-23a | -12.4 | 731 |
| bta-miR-23a | -12.0 | 328 |
| bta-miR-23a | -11.9 | 140 |
| bta-miR-23a | -11.7 | 313 |
| bta-miR-23a | -11.3 | 202 |
| bta-miR-23a | -11.2 | 681 |
| bta-miR-23a | -10.8 | 168 |
| bta-miR-23a | -10.7 | 133 |
| bta-miR-23a | -10.6 | 532 |
| bta-miR-23a | -10.1 | 163 |

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| bta-miR-29b | -22.7 | 65 |
| bta-miR-29b | -18.9 | 22 |
| bta-miR-29b | -18.8 | 366 |
| bta-miR-29b | -18.0 | 92 |
| bta-miR-29b | -17.8 | 403 |
| bta-miR-29b | -16.7 | 586 |
| bta-miR-29b | -16.5 | 429 |
| bta-miR-29b | -16.4 | 653 |
| bta-miR-29b | -15.6 | 736 |
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| bta-miR-29b | -15.0 | 264 |
| bta-miR-29b | -14.2 | 340 |
| bta-miR-29b | -14.1 | 523 |
| bta-miR-29b | -14.0 | 464 |
| bta-miR-29b | -13.8 | 137 |
| bta-miR-29b | -13.2 | 159 |
| bta-miR-29b | -13.0 | 494 |
| bta-miR-29b | -12.3 | 626 |
| bta-miR-29b | -12.2 | 560 |
| bta-miR-29b | -11.1 | 685 |
| bta-miR-29b | -10.9 | 711 |
| bta-miR-29c | -21.2 | 64 |
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| bta-miR-29c | -18.7 | 1 |
| bta-miR-29c | -18.6 | 24 |
| bta-miR-29c | -18.4 | 462 |
| bta-miR-29c | -18.3 | 569 |
| bta-miR-29c | -18.1 | 365 |
| bta-miR-29c | -17.9 | 595 |
| bta-miR-29c | -17.3 | 92 |
| bta-miR-29c | -17.1 | 403 |
| bta-miR-29c | -17.0 | 716 |
| bta-miR-29c | -14.9 | 243 |
| bta-miR-29c | -14.8 | 509 |
| bta-miR-29c | -14.7 | 435 |
| bta-miR-29c | -14.1 | 166 |
| bta-miR-29c | -14.0 | 216 |
| bta-miR-29c | -13.8 | 647 |
| bta-miR-29c | -12.3 | 626 |
| bta-miR-29c | -11.4 | 543 |
| bta-miR-29c | -11.2 | 487 |
| bta-miR-29c | -10.9 | 142 |
| bta-miR-29c | -10.8 | 691 |
| bta-miR-29c | -10.5 | 277 |
| bta-miR-29c | -10.1 | 188 |
| bta-miR-361 | -23.8 | 473 |
| bta-miR-361 | -22.0 | 624 |
| bta-miR-361 | -20.7 | 189 |
| bta-miR-361 | -20.1 | 577 |
| bta-miR-361 | -19.9 | 428 |
| bta-miR-361 | -19.5 | 327 |
| bta-miR-361 | -19.4 | 359 |
| bta-miR-361 | -19.1 | 73 |
| bta-miR-361 | -18.7 | 108 |
| bta-miR-361 | -18.5 | 275 |
| bta-miR-361 | -18.0 | 408 |
| bta-miR-361 | -17.9 | 30 |
| bta-miR-361 | -16.3 | 167 |

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| bta-miR-361 | -15.8 | 258 |
| bta-miR-361 | -14.4 | 244 |
| bta-miR-361 | -14.1 | 649 |
| bta-miR-361 | -14.1 | 320 |
| bta-miR-361 | -13.8 | 492 |
| bta-miR-361 | -13.8 | 560 |
| bta-miR-361 | -13.4 | 379 |
| bta-miR-361 | -13.1 | 307 |
| bta-miR-361 | -13.0 | 594 |
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| bta-miR-361 | -12.9 | 702 |
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| bta-miR-361 | -12.7 | 606 |
| bta-miR-361 | -11.6 | 400 |
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| bta-miR-361 | -11.3 | 740 |
| bta-miR-361 | -11.3 | 459 |
| bta-miR-361 | -10.8 | 510 |
| bta-miR-361 | -10.6 | 682 |
| bta-miR-361 | -10.3 | 248 |
| bta-miR-423-5p | -28.4 | 241 |
| bta-miR-423-5p | -24.3 | 394 |
| bta-miR-423-5p | -22.9 | 16 |
| bta-miR-423-5p | -22.6 | 546 |
| bta-miR-423-5p | -21.7 | 574 |
| bta-miR-423-5p | -20.4 | 308 |
| bta-miR-423-5p | -20.2 | 615 |
| bta-miR-423-5p | -20.1 | 451 |
| bta-miR-423-5p | -19.4 | 280 |
| bta-miR-423-5p | -19.1 | 68 |
| bta-miR-423-5p | -19.0 | 174 |
| bta-miR-423-5p | -18.5 | 663 |
| bta-miR-423-5p | -17.5 | 375 |
| bta-miR-423-5p | -17.4 | 129 |
| bta-miR-423-5p | -17.2 | 343 |
| bta-miR-423-5p | -17.0 | 491 |
| bta-miR-423-5p | -16.7 | 97 |
| bta-miR-423-5p | -15.9 | 519 |
| bta-miR-423-5p | -15.9 | 36 |
| bta-miR-423-5p | -15.6 | 2 |
| bta-miR-423-5p | -15.4 | 156 |
| bta-miR-423-5p | -15.0 | 199 |
| bta-miR-423-5p | -14.4 | 735 |
| bta-miR-423-5p | -13.2 | 328 |
| bta-miR-423-5p | -12.6 | 641 |
| bta-miR-423-5p | -12.5 | 707 |
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| bta-miR-423-5p | -10.9 | 235 |
| bta-miR-423-5p | -10.1 | 483 |
| bta-miR-423-3p | -32.2 | 415 |
| bta-miR-423-3p | -29.4 | 61 |
| bta-miR-423-3p | -29.2 | 266 |
| bta-miR-423-3p | -27.8 | 619 |
| bta-miR-423-3p | -27.4 | 452 |
| bta-miR-423-3p | -25.8 | 216 |
| bta-miR-423-3p | -24.8 | 174 |
| bta-miR-423-3p | -23.7 | 1 |
| bta-miR-423-3p | -23.5 | 92 |

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| bta-miR-423-3p | -23.3 | 568 |
| bta-miR-423-3p | -22.4 | 356 |
| bta-miR-423-3p | -20.5 | 591 |
| bta-miR-423-3p | -18.8 | 503 |
| bta-miR-423-3p | -17.9 | 656 |
| bta-miR-423-3p | -17.7 | 387 |
| bta-miR-423-3p | -17.1 | 27 |
| bta-miR-423-3p | -16.8 | 730 |
| bta-miR-423-3p | -16.1 | 308 |
| bta-miR-423-3p | -15.9 | 155 |
| bta-miR-423-3p | -15.3 | 240 |
| bta-miR-423-3p | -15.1 | 119 |
| bta-miR-423-3p | -13.4 | 529 |
| bta-miR-423-3p | -12.6 | 613 |
| bta-miR-423-3p | -11.3 | 337 |
| bta-miR-423-3p | -10.4 | 443 |
| bta-miR-425-5p | -22.7 | 9 |
| bta-miR-425-5p | -20.3 | 67 |
| bta-miR-425-5p | -19.6 | 618 |
| bta-miR-425-5p | -18.6 | 505 |
| bta-miR-425-5p | -18.0 | 447 |
| bta-miR-425-5p | -16.5 | 215 |
| bta-miR-425-5p | -15.2 | 653 |
| bta-miR-425-5p | -14.8 | 352 |
| bta-miR-425-5p | -14.7 | 478 |
| bta-miR-425-5p | -14.2 | 170 |
| bta-miR-425-5p | -14.2 | 263 |
| bta-miR-425-5p | -13.3 | 594 |
| bta-miR-425-5p | -12.9 | 414 |
| bta-miR-425-5p | -12.5 | 605 |
| bta-miR-425-5p | -11.4 | 545 |
| bta-miR-425-5p | -11.0 | 238 |
| bta-miR-425-5p | -10.7 | 107 |
| bta-miR-425-5p | -10.5 | 1 |
| bta-miR-425-5p | -10.4 | 734 |
| bta-miR-425-5p | -10.1 | 198 |
| bta-miR-425-3p | -29.6 | 414 |
| bta-miR-425-3p | -27.2 | 16 |
| bta-miR-425-3p | -24.5 | 614 |
| bta-miR-425-3p | -23.9 | 69 |
| bta-miR-425-3p | -21.8 | 114 |
| bta-miR-425-3p | -21.2 | 370 |
| bta-miR-425-3p | -21.0 | 448 |
| bta-miR-425-3p | -20.4 | 479 |
| bta-miR-425-3p | -19.1 | 350 |
| bta-miR-425-3p | -19.0 | 155 |
| bta-miR-425-3p | -18.6 | 497 |
| bta-miR-425-3p | -17.6 | 269 |
| bta-miR-425-3p | -16.8 | 220 |
| bta-miR-425-3p | -16.5 | 176 |
| bta-miR-425-3p | -15.1 | 586 |
| bta-miR-425-3p | -15.1 | 41 |
| bta-miR-425-3p | -14.9 | 199 |
| bta-miR-425-3p | -14.4 | 631 |
| bta-miR-425-3p | -14.4 | 708 |
| bta-miR-425-3p | -13.7 | 560 |
| bta-miR-425-3p | -13.7 | 294 |
| bta-miR-425-3p | -13.4 | 599 |
| bta-miR-425-3p | -12.1 | 738 |

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| bta-miR-425-3p | -11.6 | 244 |
| bta-miR-425-3p | -11.4 | 137 |
| bta-miR-425-3p | -11.2 | 319 |
| bta-miR-425-3p | -11.0 | 336 |
| bta-miR-450 | -20.1 | 478 |
| bta-miR-450 | -18.5 | 598 |
| bta-miR-450 | -17.3 | 504 |
| bta-miR-450 | -17.0 | 453 |
| bta-miR-450 | -16.8 | 628 |
| bta-miR-450 | -16.2 | 371 |
| bta-miR-450 | -16.0 | 154 |
| bta-miR-450 | -15.7 | 738 |
| bta-miR-450 | -15.7 | 15 |
| bta-miR-450 | -14.5 | 83 |
| bta-miR-450 | -14.4 | 279 |
| bta-miR-450 | -13.7 | 219 |
| bta-miR-450 | -13.5 | 113 |
| bta-miR-450 | -13.5 | 177 |
| bta-miR-450 | -13.2 | 38 |
| bta-miR-450 | -13.1 | 619 |
| bta-miR-450 | -12.8 | 654 |
| bta-miR-450 | -12.3 | 349 |
| bta-miR-450 | -12.1 | 422 |
| bta-miR-450 | -12.1 | 268 |
| bta-miR-450 | -10.7 | 559 |
| bta-miR-450 | -10.2 | 206 |
| bta-miR-450 | -10.1 | 705 |
| bta-miR-455 | -24.5 | 229 |
| bta-miR-455 | -19.7 | 251 |
| bta-miR-455 | -19.2 | 404 |
| bta-miR-455 | -17.9 | 62 |
| bta-miR-455 | -17.9 | 476 |
| bta-miR-455 | -17.8 | 3 |
| bta-miR-455 | -17.6 | 94 |
| bta-miR-455 | -17.1 | 589 |
| bta-miR-455 | -16.5 | 659 |
| bta-miR-455 | -16.4 | 617 |
| bta-miR-455 | -14.8 | 166 |
| bta-miR-455 | -14.8 | 497 |
| bta-miR-455 | -14.5 | 146 |
| bta-miR-455 | -14.5 | 370 |
| bta-miR-455 | -14.5 | 562 |
| bta-miR-455 | -14.3 | 200 |
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| bta-miR-455 | -13.9 | 464 |
| bta-miR-455 | -13.1 | 433 |
| bta-miR-455 | -12.6 | 80 |
| bta-miR-455 | -12.1 | 419 |
| bta-miR-455 | -11.8 | 344 |
| bta-miR-455 | -11.7 | 125 |
| bta-miR-455 | -11.2 | 514 |
| bta-miR-455 | -11.2 | 209 |
| bta-miR-455 | -11.0 | 393 |
| bta-miR-455 | -10.8 | 546 |
| bta-miR-455 | -10.5 | 734 |
| bta-miR-455 | -10.5 | 686 |
| bta-miR-455 | -10.4 | 525 |
| bta-miR-455 | -10.2 | 317 |
| bta-miR-455* | -28.3 | 80 |

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| bta-miR-455* | -24.5 | 359 |
| bta-miR-455* | -23.4 | 17 |
| bta-miR-455* | -22.9 | 411 |
| bta-miR-455* | -22.7 | 617 |
| bta-miR-455* | -22.1 | 544 |
| bta-miR-455* | -20.6 | 251 |
| bta-miR-455* | -19.9 | 167 |
| bta-miR-455* | -19.7 | 584 |
| bta-miR-455* | -18.8 | 473 |
| bta-miR-455* | -17.0 | 659 |
| bta-miR-455* | -16.2 | 235 |
| bta-miR-455* | -16.0 | 525 |
| bta-miR-455* | -15.8 | 304 |
| bta-miR-455* | -14.7 | 51 |
| bta-miR-455* | -14.7 | 697 |
| bta-miR-455* | -14.1 | 126 |
| bta-miR-455* | -13.8 | 729 |
| bta-miR-455* | -13.5 | 3 |
| bta-miR-455* | -13.4 | 496 |
| bta-miR-455* | -13.3 | 566 |
| bta-miR-455* | -13.1 | 66 |
| bta-miR-455* | -12.7 | 142 |
| bta-miR-455* | -12.6 | 336 |
| bta-miR-455* | -12.4 | 276 |
| bta-miR-455* | -11.8 | 199 |
| bta-miR-455* | -11.0 | 215 |
| bta-miR-455* | -11.0 | 742 |
| bta-miR-455* | -10.9 | 430 |
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| bta-miR-455* | -10.2 | 135 |
| bta-miR-455* | -10.2 | 324 |
| bta-miR-93 | -23.1 | 490 |
| bta-miR-93 | -21.9 | 367 |
| bta-miR-93 | -20.2 | 581 |
| bta-miR-93 | -19.1 | 408 |
| bta-miR-93 | -18.8 | 91 |
| bta-miR-93 | -17.6 | 13 |
| bta-miR-93 | -17.5 | 60 |
| bta-miR-93 | -17.5 | 473 |
| bta-miR-93 | -17.0 | 167 |
| bta-miR-93 | -16.3 | 192 |
| bta-miR-93 | -16.3 | 307 |
| bta-miR-93 | -15.9 | 115 |
| bta-miR-93 | -15.7 | 642 |
| bta-miR-93 | -14.8 | 615 |
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| bta-miR-93 | -14.4 | 341 |
| bta-miR-93 | -14.3 | 30 |
| bta-miR-93 | -14.2 | 550 |
| bta-miR-93 | -14.0 | 448 |
| bta-miR-93 | -13.3 | 385 |
| bta-miR-93 | -13.0 | 215 |
| bta-miR-93 | -12.9 | 431 |
| bta-miR-93 | -11.9 | 684 |
| bta-miR-93 | -11.7 | 729 |
| bta-miR-93 | -11.1 | 235 |
| bta-miR-93 | -10.3 | 138 |
| bta-miR-93 | -10.0 | 630 |
| bta-let-7g | -20.1 | 115 |

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| bta-let-7g | -19.8 | 582 |
| bta-let-7g | -18.3 | 267 |
| bta-let-7g | -17.9 | 375 |
| bta-let-7g | -17.8 | 553 |
| bta-let-7g | -17.2 | 184 |
| bta-let-7g | -17.2 | 413 |
| bta-let-7g | -16.8 | 61 |
| bta-let-7g | -16.8 | 292 |
| bta-let-7g | -15.7 | 685 |
| bta-let-7g | -15.6 | 6 |
| bta-let-7g | -15.5 | 618 |
| bta-let-7g | -15.4 | 730 |
| bta-let-7g | -15.1 | 453 |
| bta-let-7g | -15.1 | 235 |
| bta-let-7g | -15.1 | 518 |
| bta-let-7g | -14.7 | 96 |
| bta-let-7g | -14.6 | 477 |
| bta-let-7g | -14.4 | 149 |
| bta-let-7g | -14.4 | 359 |
| bta-let-7g | -14.3 | 648 |
| bta-let-7g | -13.5 | 251 |
| bta-let-7g | -13.4 | 43 |
| bta-let-7g | -11.7 | 497 |
| bta-let-7g | -10.8 | 602 |
| bta-let-7g | -10.2 | 403 |
| bta-let-7g | -10.0 | 332 |
| bta-miR-10b | -20.9 | 586 |
| bta-miR-10b | -20.6 | 35 |
| bta-miR-10b | -19.0 | 614 |
| bta-miR-10b | -18.7 | 457 |
| bta-miR-10b | -17.6 | 488 |
| bta-miR-10b | -17.6 | 373 |
| bta-miR-10b | -17.3 | 654 |
| bta-miR-10b | -16.5 | 5 |
| bta-miR-10b | -14.9 | 72 |
| bta-miR-10b | -14.3 | 199 |
| bta-miR-10b | -14.3 | 733 |
| bta-miR-10b | -13.8 | 267 |
| bta-miR-10b | -13.2 | 148 |
| bta-miR-10b | -12.7 | 702 |
| bta-miR-10b | -12.7 | 415 |
| bta-miR-10b | -11.9 | 106 |
| bta-miR-10b | -11.7 | 556 |
| bta-miR-10b | -10.3 | 689 |
| bta-miR-24-3p | -33.0 | 403 |
| bta-miR-24-3p | -25.0 | 6 |
| bta-miR-24-3p | -24.4 | 87 |
| bta-miR-24-3p | -23.2 | 465 |
| bta-miR-24-3p | -21.6 | 550 |
| bta-miR-24-3p | -20.9 | 577 |
| bta-miR-24-3p | -20.8 | 359 |
| bta-miR-24-3p | -20.0 | 209 |
| bta-miR-24-3p | -19.9 | 427 |
| bta-miR-24-3p | -19.7 | 257 |
| bta-miR-24-3p | -19.3 | 169 |
| bta-miR-24-3p | -19.0 | 33 |
| bta-miR-24-3p | -18.9 | 59 |
| bta-miR-24-3p | -16.8 | 231 |
| bta-miR-24-3p | -16.7 | 641 |

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| bta-miR-24-3p | -15.9 | 714 |
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| bta-miR-24-3p | -14.6 | 657 |
| bta-miR-24-3p | -14.6 | 293 |
| bta-miR-24-3p | -14.5 | 686 |
| bta-miR-24-3p | -14.4 | 524 |
| bta-miR-24-3p | -14.3 | 387 |
| bta-miR-24-3p | -14.0 | 606 |
| bta-miR-24-3p | -13.8 | 331 |
| bta-miR-24-3p | -12.7 | 626 |
| bta-miR-24-3p | -12.1 | 146 |
| bta-miR-24-3p | -10.3 | 249 |
| bta-miR-30a-5p | -24.2 | 456 |
| bta-miR-30a-5p | -23.3 | 166 |
| bta-miR-30a-5p | -21.6 | 72 |
| bta-miR-30a-5p | -21.3 | 512 |
| bta-miR-30a-5p | -21.1 | 586 |
| bta-miR-30a-5p | -20.7 | 205 |
| bta-miR-30a-5p | -20.4 | 419 |
| bta-miR-30a-5p | -19.2 | 4 |
| bta-miR-30a-5p | -18.2 | 282 |
| bta-miR-30a-5p | -16.5 | 236 |
| bta-miR-30a-5p | -16.2 | 342 |
| bta-miR-30a-5p | -16.2 | 29 |
| bta-miR-30a-5p | -15.6 | 390 |
| bta-miR-30a-5p | -15.1 | 539 |
| bta-miR-30a-5p | -15.0 | 559 |
| bta-miR-30a-5p | -14.5 | 263 |
| bta-miR-30a-5p | -14.3 | 653 |
| bta-miR-30a-5p | -14.1 | 115 |
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| bta-miR-30a-5p | -12.8 | 403 |
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| bta-miR-30a-5p | -12.2 | 444 |
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| bta-miR-30a-5p | -11.6 | 698 |
| bta-miR-30a-5p | -11.3 | 58 |
| bta-miR-30a-5p | -11.3 | 184 |
| bta-miR-30a-5p | -11.3 | 637 |
| bta-miR-30a-5p | -10.9 | 740 |
| bta-miR-30a-5p | -10.6 | 223 |
| bta-miR-30a-5p | -10.4 | 316 |
| bta-miR-200b | -19.4 | 4 |
| bta-miR-200b | -18.9 | 597 |
| bta-miR-200b | -17.8 | 53 |
| bta-miR-200b | -17.4 | 410 |
| bta-miR-200b | -17.1 | 367 |
| bta-miR-200b | -17.0 | 565 |
| bta-miR-200b | -16.7 | 501 |
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| bta-miR-200b | -14.4 | 144 |
| bta-miR-200b | -14.3 | 645 |
| bta-miR-200b | -14.0 | 109 |
| bta-miR-200b | -13.2 | 23 |
| bta-miR-200b | -12.8 | 82 |

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| bta-miR-200b | -12.4 | 126 |
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| bta-miR-200b | -11.8 | 172 |
| bta-miR-200b | -11.8 | 275 |
| bta-miR-200b | -11.5 | 667 |
| bta-miR-200b | -11.4 | 534 |
| bta-miR-200b | -11.3 | 384 |
| bta-miR-200b | -11.2 | 191 |
| bta-miR-200b | -10.8 | 207 |
| bta-miR-200b | -10.7 | 459 |
| bta-miR-200b | -10.7 | 741 |
| bta-miR-200b | -10.4 | 118 |
| bta-miR-200b | -10.0 | 237 |
| bta-miR-200b | -10.0 | 354 |
| bta-miR-7 | -22.1 | 372 |
| bta-miR-7 | -21.5 | 487 |
| bta-miR-7 | -19.5 | 270 |
| bta-miR-7 | -17.7 | 198 |
| bta-miR-7 | -17.6 | 171 |
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| bta-miR-7 | -15.1 | 623 |
| bta-miR-7 | -14.9 | 447 |
| bta-miR-7 | -14.3 | 560 |
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| bta-miR-7 | -13.6 | 301 |
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| bta-miR-7 | -11.6 | 122 |
| bta-miR-7 | -11.6 | 240 |
| bta-miR-7 | -11.2 | 352 |
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| bta-miR-7 | -10.4 | 684 |
| bta-let-7a | -24.3 | 85 |
| bta-let-7a | -20.0 | 414 |
| bta-let-7a | -18.1 | 375 |
| bta-let-7a | -17.6 | 296 |
| bta-let-7a | -17.6 | 456 |
| bta-let-7a | -17.0 | 244 |
| bta-let-7a | -16.7 | 183 |
| bta-let-7a | -15.7 | 16 |
| bta-let-7a | -15.6 | 582 |
| bta-let-7a | -15.6 | 507 |
| bta-let-7a | -15.5 | 359 |
| bta-let-7a | -15.3 | 697 |
| bta-let-7a | -15.1 | 155 |
| bta-let-7a | -15.1 | 266 |
| bta-let-7a | -14.7 | 122 |
| bta-let-7a | -14.6 | 553 |
| bta-let-7a | -14.6 | 648 |
| bta-let-7a | -14.0 | 526 |
| bta-let-7a | -13.9 | 50 |

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| bta-let-7a | -13.7 | 733 |
| bta-let-7a | -13.6 | 399 |
| bta-let-7a | -13.4 | 199 |
| bta-let-7a | -11.9 | 61 |
| bta-let-7a | -11.8 | 480 |
| bta-let-7a | -10.3 | 332 |
| bta-miR-150 | -27.1 | 593 |
| bta-miR-150 | -24.8 | 56 |
| bta-miR-150 | -23.2 | 415 |
| bta-miR-150 | -22.2 | 488 |
| bta-miR-150 | -18.3 | 367 |
| bta-miR-150 | -18.1 | 444 |
| bta-miR-150 | -17.7 | 264 |
| bta-miR-150 | -17.7 | 160 |
| bta-miR-150 | -17.3 | 13 |
| bta-miR-150 | -16.8 | 464 |
| bta-miR-150 | -15.9 | 199 |
| bta-miR-150 | -14.6 | 109 |
| bta-miR-150 | -13.9 | 739 |
| bta-miR-150 | -13.5 | 654 |
| bta-miR-150 | -13.2 | 624 |
| bta-miR-150 | -12.5 | 560 |
| bta-miR-150 | -11.2 | 232 |
| bta-miR-150 | -10.8 | 148 |
| bta-miR-150 | -10.7 | 346 |
| bta-miR-150 | -10.2 | 353 |
| bta-miR-342 | -25.7 | 610 |
| bta-miR-342 | -25.2 | 11 |
| bta-miR-342 | -21.2 | 418 |
| bta-miR-342 | -20.4 | 499 |
| bta-miR-342 | -19.1 | 69 |
| bta-miR-342 | -19.0 | 228 |
| bta-miR-342 | -17.7 | 444 |
| bta-miR-342 | -16.8 | 366 |
| bta-miR-342 | -16.0 | 659 |
| bta-miR-342 | -15.7 | 201 |
| bta-miR-342 | -15.3 | 37 |
| bta-miR-342 | -15.0 | 575 |
| bta-miR-342 | -14.4 | 113 |
| bta-miR-342 | -13.4 | 737 |
| bta-miR-342 | -12.7 | 280 |
| bta-miR-342 | -12.6 | 351 |
| bta-miR-342 | -12.5 | 172 |
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| bta-miR-342 | -12.1 | 562 |
| bta-miR-342 | -11.0 | 709 |
| bta-miR-342 | -10.6 | 86 |
| bta-miR-487b | -23.1 | 616 |
| bta-miR-487b | -22.4 | 357 |
| bta-miR-487b | -22.3 | 411 |
| bta-miR-487b | -21.4 | 11 |
| bta-miR-487b | -21.4 | 79 |
| bta-miR-487b | -20.4 | 496 |
| bta-miR-487b | -20.4 | 576 |
| bta-miR-487b | -16.8 | 252 |
| bta-miR-487b | -16.6 | 109 |
| bta-miR-487b | -16.5 | 174 |
| bta-miR-487b | -16.2 | 446 |

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| bta-miR-487b | -15.4 | 478 |
| bta-miR-487b | -15.0 | 36 |
| bta-miR-487b | -14.8 | 709 |
| bta-miR-487b | -14.6 | 227 |
| bta-miR-487b | -14.2 | 661 |
| bta-miR-487b | -12.6 | 566 |
| bta-miR-487b | -12.5 | 69 |
| bta-miR-487b | -12.3 | 155 |
| bta-miR-487b | -11.9 | 327 |
| bta-miR-487b | -11.7 | 544 |
| bta-miR-487b | -11.6 | 634 |
| bta-miR-487b | -11.4 | 167 |
| bta-miR-487b | -11.4 | 401 |
| bta-miR-487b | -11.1 | 130 |
| bta-miR-487b | -10.8 | 1 |
| bta-miR-487b | -10.8 | 306 |
| bta-miR-487b | -10.6 | 280 |
| bta-miR-487b | -10.5 | 28 |
| bta-miR-487b | -10.4 | 592 |
| bta-miR-487b | -10.4 | 204 |
| bta-miR-487b | -10.4 | 738 |
| bta-miR-487b | -10.2 | 320 |
| bta-miR-532 | -22.0 | 463 |
| bta-miR-532 | -21.4 | 576 |
| bta-miR-532 | -20.7 | 255 |
| bta-miR-532 | -20.5 | 617 |
| bta-miR-532 | -19.8 | 86 |
| bta-miR-532 | -19.1 | 140 |
| bta-miR-532 | -18.6 | 4 |
| bta-miR-532 | -18.5 | 422 |
| bta-miR-532 | -18.1 | 389 |
| bta-miR-532 | -17.7 | 40 |
| bta-miR-532 | -16.6 | 275 |
| bta-miR-532 | -16.2 | 191 |
| bta-miR-532 | -15.0 | 662 |
| bta-miR-532 | -14.9 | 164 |
| bta-miR-532 | -14.9 | 498 |
| bta-miR-532 | -14.3 | 368 |
| bta-miR-532 | -13.8 | 709 |
| bta-miR-532 | -13.8 | 209 |
| bta-miR-532 | -13.6 | 341 |
| bta-miR-532 | -13.5 | 638 |
| bta-miR-532 | -13.2 | 533 |
| bta-miR-532 | -13.1 | 117 |
| bta-miR-532 | -12.8 | 230 |
| bta-miR-532 | -12.2 | 307 |
| bta-miR-532 | -11.7 | 741 |
| bta-miR-532 | -11.7 | 484 |
| bta-miR-532 | -11.1 | 694 |
| bta-miR-532 | -10.9 | 454 |
| bta-miR-532 | -10.8 | 563 |
| bta-miR-532 | -10.1 | 22 |
| bta-miR-122 | -20.8 | 114 |
| bta-miR-122 | -20.3 | 159 |
| bta-miR-122 | -19.1 | 558 |
| bta-miR-122 | -19.0 | 28 |
| bta-miR-122 | -18.9 | 242 |
| bta-miR-122 | -18.6 | 371 |
| bta-miR-122 | -18.4 | 69 |

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| bta-miR-122 | -17.3 | 651 |
| bta-miR-122 | -16.9 | 485 |
| bta-miR-122 | -16.6 | 1 |
| bta-miR-122 | -16.4 | 332 |
| bta-miR-122 | -16.0 | 137 |
| bta-miR-122 | -16.0 | 297 |
| bta-miR-122 | -15.9 | 455 |
| bta-miR-122 | -15.9 | 592 |
| bta-miR-122 | -14.3 | 410 |
| bta-miR-122 | -14.2 | 620 |
| bta-miR-122 | -13.9 | 204 |
| bta-miR-122 | -13.9 | 272 |
| bta-miR-122 | -13.7 | 520 |
| bta-miR-122 | -12.8 | 734 |
| bta-miR-122 | -11.9 | 395 |
| bta-miR-122 | -11.7 | 702 |
| bta-miR-122 | -11.6 | 682 |
| bta-miR-122 | -11.0 | 92 |
| bta-miR-122 | -10.3 | 232 |
| bta-miR-122 | -10.0 | 536 |
| bta-miR-30c | -21.7 | 614 |
| bta-miR-30c | -21.4 | 436 |
| bta-miR-30c | -19.8 | 13 |
| bta-miR-30c | -18.7 | 66 |
| bta-miR-30c | -17.9 | 504 |
| bta-miR-30c | -17.2 | 346 |
| bta-miR-30c | -16.9 | 199 |
| bta-miR-30c | -16.7 | 403 |
| bta-miR-30c | -16.2 | 477 |
| bta-miR-30c | -15.9 | 586 |
| bta-miR-30c | -15.3 | 267 |
| bta-miR-30c | -14.5 | 537 |
| bta-miR-30c | -14.0 | 240 |
| bta-miR-30c | -13.7 | 650 |
| bta-miR-30c | -12.0 | 223 |
| bta-miR-30c | -11.9 | 172 |
| bta-miR-30c | -11.8 | 92 |
| bta-miR-30c | -11.0 | 38 |
| bta-miR-30c | -10.8 | 185 |
| bta-miR-30c | -10.0 | 453 |
| bta-let-7i | -22.1 | 105 |
| bta-let-7i | -20.6 | 264 |
| bta-let-7i | -19.7 | 170 |
| bta-let-7i | -19.4 | 125 |
| bta-let-7i | -18.7 | 12 |
| bta-let-7i | -18.5 | 407 |
| bta-let-7i | -18.4 | 447 |
| bta-let-7i | -18.3 | 372 |
| bta-let-7i | -17.9 | 653 |
| bta-let-7i | -17.9 | 479 |
| bta-let-7i | -17.8 | 198 |
| bta-let-7i | -17.5 | 64 |
| bta-let-7i | -17.3 | 516 |
| bta-let-7i | -16.9 | 297 |
| bta-let-7i | -16.7 | 234 |
| bta-let-7i | -16.1 | 614 |
| bta-let-7i | -16.0 | 148 |
| bta-let-7i | -15.5 | 348 |
| bta-let-7i | -15.5 | 555 |

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| bta-let-7i | -15.3 | 737 |
| bta-let-7i | -15.1 | 575 |
| bta-let-7i | -13.7 | 37 |
| bta-let-7i | -13.5 | 495 |
| bta-let-7i | -13.4 | 687 |
| bta-let-7i | -12.3 | 597 |
| bta-let-7i | -11.1 | 435 |
| bta-let-7i | -10.0 | 332 |
| bta-miR-23b-5p | -25.7 | 16 |
| bta-miR-23b-5p | -24.7 | 410 |
| bta-miR-23b-5p | -23.4 | 263 |
| bta-miR-23b-5p | -22.8 | 487 |
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| bta-miR-23b-5p | -21.0 | 605 |
| bta-miR-23b-5p | -20.9 | 298 |
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| bta-miR-23b-5p | -20.5 | 165 |
| bta-miR-23b-5p | -20.0 | 559 |
| bta-miR-23b-5p | -19.1 | 583 |
| bta-miR-23b-5p | -18.5 | 354 |
| bta-miR-23b-5p | -18.1 | 37 |
| bta-miR-23b-5p | -16.6 | 439 |
| bta-miR-23b-5p | -16.5 | 205 |
| bta-miR-23b-5p | -16.3 | 1 |
| bta-miR-23b-5p | -15.4 | 375 |
| bta-miR-23b-5p | -14.9 | 692 |
| bta-miR-23b-5p | -14.2 | 89 |
| bta-miR-23b-5p | -14.2 | 128 |
| bta-miR-23b-5p | -13.4 | 740 |
| bta-miR-23b-5p | -12.8 | 182 |
| bta-miR-23b-5p | -11.7 | 147 |
| bta-miR-23b-5p | -11.6 | 516 |
| bta-miR-23b-5p | -11.1 | 325 |
| bta-miR-23b-5p | -10.8 | 544 |
| bta-miR-23b-5p | -10.4 | 629 |
| bta-miR-23b-5p | -10.4 | 332 |
| bta-miR-23b-3p | -21.8 | 359 |
| bta-miR-23b-3p | -21.5 | 618 |
| bta-miR-23b-3p | -20.3 | 422 |
| bta-miR-23b-3p | -19.6 | 576 |
| bta-miR-23b-3p | -19.3 | 464 |
| bta-miR-23b-3p | -19.3 | 3 |
| bta-miR-23b-3p | -19.2 | 252 |
| bta-miR-23b-3p | -19.0 | 81 |
| bta-miR-23b-3p | -19.0 | 505 |
| bta-miR-23b-3p | -16.9 | 110 |
| bta-miR-23b-3p | -16.4 | 400 |
| bta-miR-23b-3p | -16.2 | 644 |
| bta-miR-23b-3p | -15.9 | 598 |
| bta-miR-23b-3p | -15.7 | 40 |
| bta-miR-23b-3p | -15.5 | 155 |
| bta-miR-23b-3p | -15.2 | 231 |
| bta-miR-23b-3p | -13.8 | 709 |
| bta-miR-23b-3p | -13.4 | 687 |
| bta-miR-23b-3p | -13.3 | 191 |
| bta-miR-23b-3p | -12.1 | 740 |

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| bta-miR-23b-3p | -12.0 | 328 |
| bta-miR-23b-3p | -12.0 | 555 |
| bta-miR-23b-3p | -11.8 | 527 |
| bta-miR-23b-3p | -11.1 | 215 |
| bta-miR-23b-3p | -11.1 | 314 |
| bta-miR-23b-3p | -10.7 | 133 |
| bta-miR-23b-3p | -10.7 | 140 |
| bta-miR-23b-3p | -10.4 | 247 |
| bta-miR-25 | -28.0 | 364 |
| bta-miR-25 | -27.8 | 9 |
| bta-miR-25 | -24.6 | 481 |
| bta-miR-25 | -22.3 | 603 |
| bta-miR-25 | -21.7 | 567 |
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| bta-miR-25 | -19.4 | 499 |
| bta-miR-25 | -18.4 | 423 |
| bta-miR-25 | -18.3 | 71 |
| bta-miR-25 | -18.2 | 200 |
| bta-miR-25 | -17.8 | 114 |
| bta-miR-25 | -17.0 | 263 |
| bta-miR-25 | -16.8 | 165 |
| bta-miR-25 | -14.7 | 398 |
| bta-miR-25 | -14.4 | 595 |
| bta-miR-25 | -14.3 | 29 |
| bta-miR-25 | -14.3 | 737 |
| bta-miR-25 | -13.9 | 234 |
| bta-miR-25 | -13.6 | 649 |
| bta-miR-25 | -12.8 | 414 |
| bta-miR-25 | -11.6 | 623 |
| bta-miR-25 | -11.5 | 51 |
| bta-miR-25 | -11.0 | 544 |
| bta-miR-25 | -10.7 | 182 |
| bta-miR-25 | -10.5 | 154 |
| bta-miR-25 | -10.2 | 454 |
| bta-miR-25 | -10.1 | 100 |
| bta-miR-34c | -25.7 | 107 |
| bta-miR-34c | -23.5 | 410 |
| bta-miR-34c | -22.1 | 8 |
| bta-miR-34c | -21.0 | 639 |
| bta-miR-34c | -20.7 | 182 |
| bta-miR-34c | -20.4 | 150 |
| bta-miR-34c | -20.2 | 544 |
| bta-miR-34c | -19.3 | 67 |
| bta-miR-34c | -18.1 | 351 |
| bta-miR-34c | -17.5 | 452 |
| bta-miR-34c | -17.5 | 277 |
| bta-miR-34c | -16.7 | 692 |
| bta-miR-34c | -16.6 | 500 |
| bta-miR-34c | -16.4 | 576 |
| bta-miR-34c | -15.7 | 125 |
| bta-miR-34c | -15.2 | 37 |
| bta-miR-34c | -14.9 | 376 |
| bta-miR-34c | -13.9 | 476 |
| bta-miR-34c | -12.8 | 663 |
| bta-miR-34c | -12.8 | 263 |
| bta-miR-34c | -12.7 | 738 |
| bta-miR-34c | -12.5 | 623 |
| bta-miR-34c | -12.4 | 238 |
| bta-miR-34c | -11.6 | 524 |

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| bta-miR-34c | -10.9 | 170 |
| bta-miR-34c | -10.4 | 432 |
| bta-miR-34c | -10.4 | 311 |
| bta-miR-363 | -25.2 | 586 |
| bta-miR-363 | -22.4 | 494 |
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| bta-miR-363 | -20.3 | 8 |
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| bta-miR-363 | -19.5 | 473 |
| bta-miR-363 | -19.4 | 412 |
| bta-miR-363 | -19.1 | 66 |
| bta-miR-363 | -17.7 | 228 |
| bta-miR-363 | -17.3 | 654 |
| bta-miR-363 | -17.2 | 449 |
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| bta-miR-363 | -14.4 | 532 |
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| bta-miR-363 | -13.7 | 737 |
| bta-miR-363 | -13.3 | 338 |
| bta-miR-363 | -13.1 | 264 |
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| bta-miR-363 | -11.3 | 523 |
| bta-miR-363 | -10.1 | 155 |
| bta-let-7a* | -18.5 | 610 |
| bta-let-7a* | -18.2 | 405 |
| bta-let-7a* | -16.9 | 479 |
| bta-let-7a* | -15.7 | 516 |
| bta-let-7a* | -15.2 | 348 |
| bta-let-7a* | -14.7 | 225 |
| bta-let-7a* | -14.5 | 735 |
| bta-let-7a* | -14.1 | 653 |
| bta-let-7a* | -13.9 | 69 |
| bta-let-7a* | -13.9 | 441 |
| bta-let-7a* | -12.4 | 8 |
| bta-let-7a* | -12.2 | 196 |
| bta-let-7a* | -10.6 | 102 |
| bta-let-7a* | -10.5 | 570 |
| bta-let-7a* | -10.4 | 539 |
| bta-let-7a* | -10.2 | 1 |
| bta-let-7b | -24.8 | 99 |
| bta-let-7b | -23.8 | 414 |
| bta-let-7b | -21.8 | 125 |
| bta-let-7b | -19.8 | 503 |
| bta-let-7b | -19.6 | 147 |
| bta-let-7b | -19.6 | 237 |
| bta-let-7b | -19.6 | 377 |
| bta-let-7b | -19.1 | 300 |
| bta-let-7b | -18.9 | 166 |
| bta-let-7b | -18.0 | 50 |
| bta-let-7b | -17.9 | 468 |
| bta-let-7b | -17.9 | 570 |
| bta-let-7b | -17.4 | 340 |
| bta-let-7b | -15.5 | 197 |
| bta-let-7b | -15.5 | 696 |

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| bta-let-7b | -14.8 | 29 |
| bta-let-7b | -14.3 | 560 |
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| bta-let-7b | -13.8 | 623 |
| bta-let-7b | -13.8 | 267 |
| bta-let-7b | -13.7 | 318 |
| bta-let-7b | -13.6 | 399 |
| bta-let-7b | -12.4 | 595 |
| bta-let-7b | -11.9 | 13 |
| bta-let-7b | -11.7 | 525 |
| bta-let-7b | -11.5 | 457 |
| bta-let-7b | -10.4 | 485 |
| bta-let-7c | -24.8 | 99 |
| bta-let-7c | -20.9 | 407 |
| bta-let-7c | -19.7 | 125 |
| bta-let-7c | -19.1 | 237 |
| bta-let-7c | -18.5 | 563 |
| bta-let-7c | -18.3 | 482 |
| bta-let-7c | -18.0 | 166 |
| bta-let-7c | -17.9 | 298 |
| bta-let-7c | -17.7 | 340 |
| bta-let-7c | -17.3 | 456 |
| bta-let-7c | -17.2 | 50 |
| bta-let-7c | -16.8 | 375 |
| bta-let-7c | -15.6 | 507 |
| bta-let-7c | -15.4 | 12 |
| bta-let-7c | -15.3 | 697 |
| bta-let-7c | -15.1 | 266 |
| bta-let-7c | -14.3 | 648 |
| bta-let-7c | -14.2 | 150 |
| bta-let-7c | -13.9 | 584 |
| bta-let-7c | -13.8 | 623 |
| bta-let-7c | -13.7 | 733 |
| bta-let-7c | -13.6 | 198 |
| bta-let-7c | -12.9 | 527 |
| bta-let-7c | -10.4 | 318 |
| bta-let-7e | -21.1 | 457 |
| bta-let-7e | -20.5 | 86 |
| bta-let-7e | -20.3 | 415 |
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| bta-let-7e | -18.0 | 378 |
| bta-let-7e | -18.0 | 507 |
| bta-let-7e | -17.6 | 296 |
| bta-let-7e | -17.0 | 19 |
| bta-let-7e | -16.9 | 185 |
| bta-let-7e | -16.7 | 553 |
| bta-let-7e | -16.7 | 618 |
| bta-let-7e | -16.6 | 271 |
| bta-let-7e | -15.9 | 353 |
| bta-let-7e | -15.6 | 582 |
| bta-let-7e | -15.6 | 399 |
| bta-let-7e | -15.3 | 156 |
| bta-let-7e | -15.3 | 685 |
| bta-let-7e | -15.1 | 649 |
| bta-let-7e | -15.1 | 122 |
| bta-let-7e | -14.6 | 50 |
| bta-let-7e | -14.4 | 320 |

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| bta-let-7e | -11.9 | 61 |
| bta-let-7e | -10.8 | 671 |
| bta-let-7e | -10.7 | 6 |
| bta-let-7e | -10.4 | 141 |
| bta-let-7e | -10.3 | 213 |
| bta-miR-15a | -21.2 | 10 |
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| bta-miR-15a | -19.1 | 542 |
| bta-miR-15a | -19.0 | 570 |
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| bta-miR-15a | -17.6 | 516 |
| bta-miR-15a | -17.6 | 106 |
| bta-miR-15a | -16.6 | 361 |
| bta-miR-15a | -16.1 | 737 |
| bta-miR-15a | -15.4 | 271 |
| bta-miR-15a | -15.3 | 602 |
| bta-miR-15a | -15.2 | 122 |
| bta-miR-15a | -14.5 | 481 |
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| bta-miR-15a | -13.5 | 28 |
| bta-miR-15a | -13.3 | 165 |
| bta-miR-15a | -13.3 | 242 |
| bta-miR-15a | -12.9 | 339 |
| bta-miR-15a | -12.6 | 423 |
| bta-miR-15a | -11.9 | 454 |
| bta-miR-15a | -11.0 | 696 |
| bta-miR-15a | -10.6 | 298 |
| bta-miR-15a | -10.0 | 508 |
| bta-miR-195 | -25.8 | 408 |
| bta-miR-195 | -23.0 | 569 |
| bta-miR-195 | -22.8 | 51 |
| bta-miR-195 | -22.6 | 668 |
| bta-miR-195 | -20.5 | 531 |
| bta-miR-195 | -19.8 | 109 |
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| bta-miR-195 | -17.9 | 740 |
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| bta-miR-195 | -16.9 | 515 |
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| bta-miR-195 | -15.5 | 425 |
| bta-miR-195 | -14.8 | 76 |
| bta-miR-195 | -14.5 | 172 |
| bta-miR-195 | -14.5 | 553 |
| bta-miR-195 | -14.2 | 644 |
| bta-miR-195 | -13.8 | 30 |
| bta-miR-195 | -13.7 | 605 |
| bta-miR-195 | -13.6 | 283 |
| bta-miR-195 | -13.6 | 206 |
| bta-miR-195 | -13.1 | 126 |
| bta-miR-195 | -11.9 | 454 |
| bta-miR-195 | -10.7 | 493 |
| bta-miR-19a | -19.5 | 653 |
| bta-miR-19a | -19.4 | 5 |
| bta-miR-19a | -18.9 | 539 |
| bta-miR-19a | -17.3 | 358 |
| bta-miR-19a | -16.5 | 491 |

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| bta-miR-19a | -16.2 | 597 |
| bta-miR-19a | -16.1 | 410 |
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| bta-miR-19a | -14.5 | 165 |
| bta-miR-19a | -14.2 | 463 |
| bta-miR-19a | -14.2 | 199 |
| bta-miR-19a | -14.0 | 683 |
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| bta-miR-19a | -13.5 | 100 |
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| bta-miR-19a | -10.2 | 307 |
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| bta-miR-19a | -10.1 | 737 |
| bta-miR-19b | -21.8 | 653 |
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| bta-miR-19b | -18.1 | 597 |
| bta-miR-19b | -17.6 | 263 |
| bta-miR-19b | -16.5 | 463 |
| bta-miR-19b | -16.4 | 165 |
| bta-miR-19b | -15.9 | 67 |
| bta-miR-19b | -15.7 | 694 |
| bta-miR-19b | -14.9 | 100 |
| bta-miR-19b | -14.2 | 516 |
| bta-miR-19b | -12.5 | 199 |
| bta-miR-19b | -11.8 | 576 |
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| bta-miR-19b | -10.1 | 628 |
| bta-miR-19b | -10.0 | 683 |
| bta-miR-204 | -26.8 | 604 |
| bta-miR-204 | -23.9 | 418 |
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| bta-miR-204 | -20.7 | 203 |
| bta-miR-204 | -19.9 | 11 |
| bta-miR-204 | -18.8 | 154 |
| bta-miR-204 | -18.5 | 481 |
| bta-miR-204 | -18.1 | 66 |
| bta-miR-204 | -15.6 | 269 |
| bta-miR-204 | -12.7 | 654 |
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| bta-miR-204 | -12.4 | 109 |
| bta-miR-204 | -12.0 | 454 |
| bta-miR-204 | -11.1 | 86 |
| bta-miR-204 | -10.9 | 41 |
| bta-miR-331 | -30.9 | 615 |
| bta-miR-331 | -27.0 | 59 |
| bta-miR-331 | -26.8 | 416 |
| bta-miR-331 | -24.5 | 453 |
| bta-miR-331 | -23.5 | 214 |

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| bta-miR-331 | -21.2 | 267 |
| bta-miR-331 | -21.0 | 98 |
| bta-miR-331 | -20.7 | 154 |
| bta-miR-331 | -20.1 | 5 |
| bta-miR-331 | -18.3 | 502 |
| bta-miR-331 | -16.3 | 345 |
| bta-miR-331 | -16.0 | 567 |
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| bta-miR-331 | -13.8 | 390 |
| bta-miR-331 | -11.9 | 181 |
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| bta-miR-331 | -11.3 | 663 |
| bta-miR-331 | -10.8 | 304 |
| bta-miR-331 | -10.4 | 127 |
| bta-miR-331 | -10.3 | 330 |
| bta-miR-331 | -10.3 | 740 |
| bta-miR-331 | -10.1 | 142 |
| bta-miR-331 | -10.0 | 135 |
| bta-miR-331 | -10.0 | 324 |
| bta-miR-331 | -10.0 | 119 |
| bta-miR-34a | -27.2 | 407 |
| bta-miR-34a | -26.3 | 106 |
| bta-miR-34a | -23.8 | 340 |
| bta-miR-34a | -22.3 | 165 |
| bta-miR-34a | -21.9 | 66 |
| bta-miR-34a | -20.5 | 647 |
| bta-miR-34a | -20.2 | 12 |
| bta-miR-34a | -19.9 | 602 |
| bta-miR-34a | -19.5 | 457 |
| bta-miR-34a | -19.4 | 545 |
| bta-miR-34a | -19.3 | 570 |
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| bta-miR-34a | -16.1 | 736 |
| bta-miR-34a | -16.0 | 206 |
| bta-miR-34a | -14.6 | 488 |
| bta-miR-34a | -14.5 | 431 |
| bta-miR-34a | -14.2 | 149 |
| bta-miR-34a | -14.0 | 283 |
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| bta-miR-34a | -10.8 | 595 |
| bta-miR-34a | -10.7 | 385 |
| bta-miR-34a | -10.6 | 129 |
| bta-miR-365-5p | -31.2 | 23 |
| bta-miR-365-5p | -29.8 | 382 |
| bta-miR-365-5p | -29.4 | 244 |
| bta-miR-365-5p | -25.6 | 565 |
| bta-miR-365-5p | -25.0 | 106 |
| bta-miR-365-5p | -23.3 | 87 |
| bta-miR-365-5p | -23.3 | 148 |
| bta-miR-365-5p | -22.7 | 473 |
| bta-miR-365-5p | -22.5 | 427 |

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| bta-miR-365-5p | -22.2 | 353 |
| bta-miR-365-5p | -22.1 | 206 |
| bta-miR-365-5p | -21.2 | 488 |
| bta-miR-365-5p | -19.4 | 56 |
| bta-miR-365-5p | -19.2 | 271 |
| bta-miR-365-5p | -18.0 | 457 |
| bta-miR-365-5p | -17.6 | 186 |
| bta-miR-365-5p | -17.3 | 300 |
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| bta-miR-365-5p | -15.2 | 654 |
| bta-miR-365-5p | -14.9 | 137 |
| bta-miR-365-5p | -14.8 | 624 |
| bta-miR-365-5p | -13.9 | 400 |
| bta-miR-365-5p | -13.1 | 544 |
| bta-miR-365-5p | -13.0 | 519 |
| bta-miR-365-5p | -12.8 | 46 |
| bta-miR-365-5p | -12.8 | 583 |
| bta-miR-365-5p | -12.3 | 602 |
| bta-miR-365-5p | -11.6 | 739 |
| bta-miR-365-3p | -24.7 | 612 |
| bta-miR-365-3p | -22.0 | 69 |
| bta-miR-365-3p | -19.5 | 452 |
| bta-miR-365-3p | -17.7 | 268 |
| bta-miR-365-3p | -14.9 | 11 |
| bta-miR-365-3p | -14.5 | 630 |
| bta-miR-365-3p | -13.8 | 217 |
| bta-miR-365-3p | -13.6 | 584 |
| bta-miR-365-3p | -13.1 | 499 |
| bta-miR-365-3p | -12.9 | 406 |
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| bta-miR-365-3p | -12.3 | 174 |
| bta-miR-365-3p | -12.0 | 114 |
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| bta-miR-365-3p | -10.6 | 279 |
| bta-miR-365-3p | -10.5 | 651 |
| bta-miR-365-3p | -10.2 | 710 |
| bta-miR-365-3p | -10.0 | 26 |
| bta-miR-374a | -18.6 | 7 |
| bta-miR-374a | -14.9 | 56 |
| bta-miR-374a | -14.8 | 537 |
| bta-miR-374a | -14.1 | 654 |
| bta-miR-374a | -13.7 | 702 |
| bta-miR-374a | -13.3 | 560 |
| bta-miR-374a | -13.2 | 520 |
| bta-miR-374a | -13.1 | 606 |
| bta-miR-374a | -12.9 | 457 |
| bta-miR-374a | -12.7 | 624 |
| bta-miR-374a | -12.2 | 277 |
| bta-miR-374a | -11.7 | 81 |
| bta-miR-374a | -11.6 | 740 |
| bta-miR-374a | -10.6 | 415 |
| bta-miR-374a | -10.4 | 489 |
| bta-miR-497 | -23.7 | 10 |
| bta-miR-497 | -23.2 | 405 |
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| bta-miR-497 | -21.9 | 66 |
| bta-miR-497 | -21.9 | 562 |

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| bta-miR-497 | -17.0 | 729 |
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| bta-miR-497 | -15.0 | 425 |
| bta-miR-497 | -14.3 | 256 |
| bta-miR-497 | -14.2 | 199 |
| bta-miR-497 | -13.4 | 49 |
| bta-miR-497 | -12.2 | 233 |
| bta-miR-497 | -11.2 | 147 |
| bta-miR-497 | -11.1 | 460 |
| bta-miR-497 | -10.8 | 298 |
| bta-miR-497 | -10.6 | 339 |
| bta-miR-497 | -10.1 | 631 |
| bta-miR-660 | -23.1 | 472 |
| bta-miR-660 | -22.0 | 586 |
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| bta-miR-660 | -21.0 | 12 |
| bta-miR-660 | -20.1 | 165 |
| bta-miR-660 | -19.4 | 50 |
| bta-miR-660 | -19.4 | 243 |
| bta-miR-660 | -19.1 | 623 |
| bta-miR-660 | -17.9 | 410 |
| bta-miR-660 | -17.9 | 429 |
| bta-miR-660 | -16.9 | 205 |
| bta-miR-660 | -16.7 | 559 |
| bta-miR-660 | -16.3 | 513 |
| bta-miR-660 | -15.9 | 361 |
| bta-miR-660 | -15.1 | 456 |
| bta-miR-660 | -14.5 | 539 |
| bta-miR-660 | -13.7 | 282 |
| bta-miR-660 | -13.4 | 638 |
| bta-miR-660 | -13.0 | 128 |
| bta-miR-660 | -12.1 | 737 |
| bta-miR-660 | -12.0 | 183 |
| bta-miR-660 | -11.6 | 299 |
| bta-miR-660 | -11.3 | 500 |
| bta-miR-660 | -10.9 | 691 |
| bta-miR-660 | -10.6 | 116 |
| bta-miR-99b | -33.0 | 606 |
| bta-miR-99b | -23.4 | 66 |
| bta-miR-99b | -22.4 | 450 |
| bta-miR-99b | -21.3 | 494 |
| bta-miR-99b | -21.2 | 573 |
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| bta-miR-99b | -19.6 | 415 |
| bta-miR-99b | -18.2 | 8 |
| bta-miR-99b | -16.2 | 172 |
| bta-miR-99b | -16.0 | 381 |
| bta-miR-99b | -14.3 | 206 |
| bta-miR-99b | -13.8 | 35 |
| bta-miR-99b | -13.7 | 252 |

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| bta-miR-99b | -12.4 | 109 |
| bta-miR-99b | -12.3 | 271 |
| bta-miR-99b | -10.2 | 560 |
| bta-miR-99b | -10.0 | 85 |
| bta-miR-1 | -18.0 | 304 |
| bta-miR-1 | -17.2 | 493 |
| bta-miR-1 | -15.8 | 628 |
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| bta-miR-1 | -14.9 | 66 |
| bta-miR-1 | -14.7 | 283 |
| bta-miR-1 | -14.6 | 697 |
| bta-miR-1 | -14.1 | 106 |
| bta-miR-1 | -13.2 | 679 |
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| bta-miR-1 | -12.8 | 149 |
| bta-miR-1 | -12.6 | 410 |
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| bta-miR-1 | -12.2 | 457 |
| bta-miR-1 | -11.1 | 584 |
| bta-miR-1 | -10.9 | 473 |
| bta-miR-1 | -10.3 | 353 |
| bta-miR-1 | -10.1 | 733 |
| bta-miR-1 | -10.1 | 661 |
| bta-miR-1 | -10.0 | 244 |
| bta-miR-100 | -26.8 | 606 |
| bta-miR-100 | -24.2 | 494 |
| bta-miR-100 | -18.1 | 66 |
| bta-miR-100 | -17.6 | 464 |
| bta-miR-100 | -16.3 | 415 |
| bta-miR-100 | -15.9 | 11 |
| bta-miR-100 | -15.2 | 434 |
| bta-miR-100 | -15.1 | 373 |
| bta-miR-100 | -14.7 | 35 |
| bta-miR-100 | -14.6 | 573 |
| bta-miR-100 | -14.2 | 654 |
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| bta-miR-100 | -12.5 | 150 |
| bta-miR-100 | -12.5 | 344 |
| bta-miR-100 | -12.1 | 450 |
| bta-miR-100 | -11.9 | 551 |
| bta-miR-100 | -11.8 | 271 |
| bta-miR-100 | -11.5 | 736 |
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| bta-miR-100 | -11.0 | 121 |
| bta-miR-105b | -24.0 | 473 |
| bta-miR-105b | -23.9 | 571 |
| bta-miR-105b | -22.6 | 606 |
| bta-miR-105b | -22.0 | 408 |
| bta-miR-105b | -20.3 | 446 |
| bta-miR-105b | -19.6 | 232 |
| bta-miR-105b | -19.5 | 51 |
| bta-miR-105b | -18.3 | 9 |

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| bta-miR-105b | -15.2 | 367 |
| bta-miR-105b | -15.0 | 99 |
| bta-miR-105b | -14.5 | 510 |
| bta-miR-105b | -14.5 | 34 |
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| bta-miR-105b | -12.7 | 495 |
| bta-miR-105b | -12.0 | 595 |
| bta-miR-105b | -10.9 | 541 |
| bta-miR-105b | -10.9 | 551 |
| bta-miR-105b | -10.9 | 669 |
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| bta-miR-105a | -24.1 | 473 |
| bta-miR-105a | -21.9 | 606 |
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| bta-miR-105a | -20.6 | 199 |
| bta-miR-105a | -20.4 | 263 |
| bta-miR-105a | -20.1 | 571 |
| bta-miR-105a | -20.0 | 7 |
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| bta-miR-105a | -19.3 | 447 |
| bta-miR-105a | -18.3 | 167 |
| bta-miR-105a | -17.7 | 341 |
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| bta-miR-105a | -17.0 | 495 |
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| bta-miR-105a | -15.5 | 367 |
| bta-miR-105a | -15.3 | 34 |
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| bta-miR-105a | -12.7 | 636 |
| bta-miR-105a | -11.6 | 595 |
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| bta-miR-106b | -14.2 | 473 |
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| bta-miR-106b | -13.0 | 250 |
| bta-miR-106b | -12.6 | 172 |
| bta-miR-106b | -12.2 | 428 |

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| bta-miR-106b | -11.5 | 591 |
| bta-miR-106b | -11.3 | 161 |
| bta-miR-106b | -11.0 | 286 |
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| bta-miR-106b | -10.6 | 344 |
| bta-miR-106b | -10.1 | 133 |
| bta-miR-124b | -22.7 | 503 |
| bta-miR-124b | -22.4 | 413 |
| bta-miR-124b | -20.0 | 155 |
| bta-miR-124b | -19.7 | 39 |
| bta-miR-124b | -19.4 | 17 |
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| bta-miR-124b | -18.9 | 370 |
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| bta-miR-124b | -18.8 | 605 |
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| bta-miR-124b | -18.4 | 576 |
| bta-miR-124b | -18.2 | 341 |
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| bta-miR-124b | -14.6 | 400 |
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| bta-miR-124b | -13.2 | 144 |
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| bta-miR-124b | -11.4 | 565 |
| bta-miR-124b | -11.3 | 384 |
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| bta-miR-124b | -10.4 | 448 |
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| bta-miR-129 | -24.6 | 424 |
| bta-miR-129 | -23.9 | 108 |
| bta-miR-129 | -23.2 | 233 |
| bta-miR-129 | -22.4 | 464 |
| bta-miR-129 | -22.1 | 358 |
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| bta-miR-129 | -20.5 | 65 |
| bta-miR-129 | -20.5 | 270 |
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| bta-miR-129 | -19.9 | 184 |
| bta-miR-129 | -19.7 | 406 |

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| bta-miR-129 | -17.1 | 206 |
| bta-miR-129 | -16.8 | 617 |
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| bta-miR-129 | -16.1 | 97 |
| bta-miR-129 | -15.9 | 494 |
| bta-miR-129 | -15.6 | 514 |
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| bta-miR-129 | -13.4 | 308 |
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| bta-miR-129 | -12.1 | 532 |
| bta-miR-129 | -11.1 | 389 |
| bta-miR-129 | -11.1 | 455 |
| bta-miR-129 | -10.7 | 252 |
| bta-miR-129 | -10.3 | 586 |
| bta-miR-129-5p | -26.1 | 8 |
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| bta-miR-129-3p | -14.7 | 95 |
| bta-miR-129-3p | -14.1 | 538 |
| bta-miR-129-3p | -13.7 | 584 |
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| bta-miR-129-3p | -12.5 | 654 |
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| bta-miR-129-3p | -10.6 | 206 |
| bta-miR-129-3p | -10.2 | 562 |
| bta-miR-129-3p | -10.2 | 729 |
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| bta-miR-130a | -20.6 | 109 |
| bta-miR-130a | -20.6 | 473 |
| bta-miR-130a | -19.8 | 624 |
| bta-miR-130a | -19.8 | 408 |
| bta-miR-130a | -18.8 | 167 |
| bta-miR-130a | -18.4 | 51 |
| bta-miR-130a | -18.4 | 428 |
| bta-miR-130a | -17.5 | 562 |
| bta-miR-130a | -17.4 | 244 |
| bta-miR-130a | -17.0 | 3 |
| bta-miR-130a | -17.0 | 518 |
| bta-miR-130a | -15.9 | 191 |
| bta-miR-130a | -15.2 | 668 |
| bta-miR-130a | -15.0 | 590 |
| bta-miR-130a | -14.7 | 30 |
| bta-miR-130a | -14.5 | 126 |
| bta-miR-130a | -14.4 | 306 |
| bta-miR-130a | -13.7 | 653 |
| bta-miR-130a | -13.6 | 716 |
| bta-miR-130a | -13.2 | 88 |
| bta-miR-130a | -12.9 | 336 |
| bta-miR-130a | -12.8 | 95 |
| bta-miR-130a | -12.6 | 141 |
| bta-miR-130a | -12.6 | 692 |
| bta-miR-130a | -12.1 | 283 |
| bta-miR-130a | -11.7 | 538 |
| bta-miR-130a | -11.1 | 235 |
| bta-miR-130a | -10.4 | 388 |
| bta-miR-130b | -23.4 | 359 |
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| bta-miR-130b | -18.3 | 518 |
| bta-miR-130b | -18.1 | 88 |
| bta-miR-130b | -18.1 | 408 |
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| bta-miR-130b | -16.6 | 668 |
| bta-miR-130b | -16.5 | 51 |
| bta-miR-130b | -16.0 | 142 |

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| bta-miR-130b | -10.0 | 336 |
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| bta-miR-133a | -16.5 | 165 |
| bta-miR-133a | -15.9 | 219 |
| bta-miR-133a | -15.9 | 737 |
| bta-miR-133a | -15.5 | 630 |
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| bta-miR-133a | -14.5 | 243 |
| bta-miR-133a | -14.5 | 358 |
| bta-miR-133a | -12.0 | 404 |
| bta-miR-133a | -11.1 | 93 |
| bta-miR-133a | -10.8 | 698 |
| bta-miR-133a | -10.6 | 337 |
| bta-miR-133a | -10.2 | 344 |
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| bta-miR-133b | -14.5 | 243 |
| bta-miR-133b | -14.5 | 358 |
| bta-miR-133b | -12.2 | 393 |
| bta-miR-133b | -11.1 | 93 |
| bta-miR-133b | -10.8 | 698 |
| bta-miR-133b | -10.6 | 337 |
| bta-miR-133b | -10.2 | 344 |
| bta-miR-134 | -23.6 | 382 |
| bta-miR-134 | -23.3 | 468 |

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| bta-miR-134 | -16.5 | 416 |
| bta-miR-134 | -16.3 | 73 |
| bta-miR-134 | -15.3 | 738 |
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| bta-miR-134 | -14.3 | 156 |
| bta-miR-134 | -14.2 | 367 |
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| bta-miR-134 | -11.5 | 572 |
| bta-miR-134 | -11.0 | 309 |
| bta-miR-134 | -10.3 | 290 |
| bta-miR-135a | -19.5 | 232 |
| bta-miR-135a | -19.2 | 22 |
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| bta-miR-135a | -17.2 | 106 |
| bta-miR-135a | -16.9 | 66 |
| bta-miR-135a | -16.9 | 382 |
| bta-miR-135a | -15.9 | 263 |
| bta-miR-135a | -15.6 | 467 |
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| bta-miR-135a | -14.5 | 492 |
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| bta-miR-135a | -12.0 | 567 |
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| bta-miR-135a | -10.1 | 434 |
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| bta-miR-135b | -10.2 | 598 |
| bta-miR-135b | -10.1 | 364 |
| bta-miR-135b | -10.1 | 434 |
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| bta-miR-136 | -21.0 | 596 |
| bta-miR-136 | -21.0 | 259 |
| bta-miR-136 | -20.6 | 461 |
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| bta-miR-136 | -18.4 | 484 |
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| bta-miR-136 | -15.8 | 5 |
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| bta-miR-136 | -14.3 | 363 |
| bta-miR-136 | -14.1 | 572 |
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| bta-miR-136 | -12.7 | 629 |
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| bta-miR-136 | -12.3 | 715 |
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| bta-miR-136 | -11.3 | 451 |
| bta-miR-136 | -11.3 | 692 |
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| bta-miR-136 | -10.4 | 120 |
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| bta-miR-137 | -12.2 | 708 |

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| bta-miR-137 | -11.1 | 421 |
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| bta-miR-137 | -11.0 | 477 |
| bta-miR-137 | -10.9 | 614 |
| bta-miR-137 | -10.8 | 112 |
| bta-miR-137 | -10.8 | 561 |
| bta-miR-137 | -10.5 | 277 |
| bta-miR-137 | -10.2 | 305 |
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| bta-miR-141 | -20.3 | 342 |
| bta-miR-141 | -19.7 | 474 |
| bta-miR-141 | -18.9 | 384 |
| bta-miR-141 | -18.3 | 501 |
| bta-miR-141 | -17.9 | 564 |
| bta-miR-141 | -17.1 | 120 |
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| bta-miR-141 | -17.0 | 52 |
| bta-miR-141 | -16.0 | 639 |
| bta-miR-141 | -16.0 | 237 |
| bta-miR-141 | -14.8 | 87 |
| bta-miR-141 | -14.5 | 258 |
| bta-miR-141 | -14.1 | 416 |
| bta-miR-141 | -13.3 | 716 |
| bta-miR-141 | -13.3 | 613 |
| bta-miR-141 | -13.2 | 665 |
| bta-miR-141 | -13.1 | 143 |
| bta-miR-141 | -13.1 | 210 |
| bta-miR-141 | -12.6 | 532 |
| bta-miR-141 | -12.3 | 191 |
| bta-miR-141 | -12.3 | 164 |
| bta-miR-141 | -12.0 | 692 |
| bta-miR-141 | -11.9 | 681 |
| bta-miR-141 | -11.7 | 74 |
| bta-miR-141 | -11.6 | 428 |
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| bta-miR-141 | -10.6 | 624 |
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| bta-miR-143 | -20.1 | 269 |
| bta-miR-143 | -19.2 | 455 |
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| bta-miR-143 | -15.6 | 407 |
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| bta-miR-143 | -12.0 | 218 |

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| bta-miR-143 | -10.0 | 50 |
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| bta-miR-144 | -13.9 | 477 |
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| bta-miR-144 | -12.8 | 358 |
| bta-miR-144 | -12.2 | 106 |
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| bta-miR-144 | -11.3 | 19 |
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| bta-miR-144 | -10.8 | 565 |
| bta-miR-144 | -10.7 | 267 |
| bta-miR-144 | -10.0 | 149 |
| bta-miR-146b | -24.9 | 165 |
| bta-miR-146b | -23.1 | 472 |
| bta-miR-146b | -21.4 | 602 |
| bta-miR-146b | -19.7 | 358 |
| bta-miR-146b | -19.1 | 424 |
| bta-miR-146b | -18.5 | 106 |
| bta-miR-146b | -17.9 | 261 |
| bta-miR-146b | -17.8 | 224 |
| bta-miR-146b | -16.9 | 560 |
| bta-miR-146b | -16.8 | 407 |
| bta-miR-146b | -16.7 | 72 |
| bta-miR-146b | -16.6 | 698 |
| bta-miR-146b | -16.2 | 29 |
| bta-miR-146b | -15.9 | 444 |
| bta-miR-146b | -15.8 | 653 |
| bta-miR-146b | -15.5 | 308 |
| bta-miR-146b | -14.8 | 516 |
| bta-miR-146b | -13.9 | 629 |
| bta-miR-146b | -13.4 | 10 |
| bta-miR-146b | -12.5 | 581 |
| bta-miR-146b | -11.4 | 198 |
| bta-miR-146b | -10.9 | 243 |
| bta-miR-146b | -10.1 | 215 |
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| bta-miR-146a | -20.7 | 472 |
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| bta-miR-146a | -18.1 | 261 |
| bta-miR-146a | -16.7 | 225 |

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| bta-miR-146a | -14.6 | 560 |
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| bta-miR-146a | -14.3 | 509 |
| bta-miR-146a | -14.2 | 72 |
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| bta-miR-146a | -13.8 | 29 |
| bta-miR-146a | -13.7 | 308 |
| bta-miR-146a | -13.0 | 340 |
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| bta-miR-147 | -23.4 | 450 |
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| bta-miR-147 | -21.0 | 278 |
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| bta-miR-147 | -19.6 | 100 |
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| bta-miR-147 | -18.3 | 653 |
| bta-miR-147 | -17.6 | 617 |
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| bta-miR-147 | -16.6 | 12 |
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| bta-miR-147 | -14.5 | 37 |
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| bta-miR-147 | -13.6 | 586 |
| bta-miR-147 | -13.6 | 605 |
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| bta-miR-152 | -19.6 | 467 |
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| bta-miR-152 | -18.5 | 514 |
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| bta-miR-152 | -17.0 | 539 |
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| bta-miR-152 | -16.3 | 110 |
| bta-miR-152 | -15.7 | 163 |

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| bta-miR-152 | -11.7 | 199 |
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| bta-miR-153 | -17.2 | 412 |
| bta-miR-153 | -15.4 | 354 |
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| bta-miR-153 | -13.7 | 258 |
| bta-miR-153 | -13.7 | 679 |
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| bta-miR-153 | -11.7 | 187 |
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| bta-miR-154 | -16.7 | 591 |
| bta-miR-154 | -16.7 | 268 |
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| bta-miR-154 | -12.2 | 372 |
| bta-miR-154 | -12.2 | 654 |
| bta-miR-154 | -12.1 | 445 |
| bta-miR-154 | -10.8 | 574 |
| bta-miR-154 | -10.8 | 294 |
| bta-miR-154 | -10.1 | 312 |
| bta-miR-155 | -20.8 | 361 |
| bta-miR-155 | -19.5 | 473 |
| bta-miR-155 | -19.5 | 162 |
| bta-miR-155 | -19.2 | 189 |

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| bta-miR-155 | -18.2 | 579 |
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| bta-miR-155 | -17.5 | 141 |
| bta-miR-155 | -17.1 | 698 |
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| bta-miR-155 | -14.4 | 458 |
| bta-miR-155 | -14.4 | 210 |
| bta-miR-155 | -13.4 | 320 |
| bta-miR-155 | -13.3 | 510 |
| bta-miR-155 | -13.2 | 87 |
| bta-miR-155 | -12.9 | 283 |
| bta-miR-155 | -12.5 | 134 |
| bta-miR-155 | -11.9 | 341 |
| bta-miR-155 | -11.5 | 560 |
| bta-miR-155 | -11.3 | 624 |
| bta-miR-155 | -10.9 | 416 |
| bta-miR-155 | -10.8 | 381 |
| bta-miR-155 | -10.3 | 537 |
| bta-miR-16a | -20.8 | 571 |
| bta-miR-16a | -19.5 | 408 |
| bta-miR-16a | -17.6 | 483 |
| bta-miR-16a | -17.1 | 515 |
| bta-miR-16a | -16.7 | 729 |
| bta-miR-16a | -16.5 | 34 |
| bta-miR-16a | -16.4 | 73 |
| bta-miR-16a | -16.3 | 669 |
| bta-miR-16a | -15.0 | 9 |
| bta-miR-16a | -14.9 | 99 |
| bta-miR-16a | -14.9 | 367 |
| bta-miR-16a | -14.5 | 253 |
| bta-miR-16a | -13.9 | 560 |
| bta-miR-16a | -13.7 | 161 |
| bta-miR-16a | -13.3 | 594 |
| bta-miR-16a | -12.9 | 341 |
| bta-miR-16a | -12.5 | 649 |
| bta-miR-16a | -11.9 | 454 |
| bta-miR-16a | -11.3 | 283 |
| bta-miR-16a | -10.7 | 52 |
| bta-miR-16a | -10.6 | 126 |
| bta-miR-181d | -22.2 | 324 |
| bta-miR-181d | -21.6 | 162 |
| bta-miR-181d | -21.5 | 361 |
| bta-miR-181d | -21.3 | 594 |
| bta-miR-181d | -20.9 | 473 |
| bta-miR-181d | -17.5 | 425 |
| bta-miR-181d | -17.2 | 208 |
| bta-miR-181d | -17.0 | 109 |
| bta-miR-181d | -16.9 | 397 |
| bta-miR-181d | -16.9 | 1 |
| bta-miR-181d | -16.9 | 341 |
| bta-miR-181d | -16.9 | 563 |
| bta-miR-181d | -16.8 | 510 |
| bta-miR-181d | -16.3 | 244 |

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| bta-miR-181d | -15.7 | 51 |
| bta-miR-181d | -15.1 | 185 |
| bta-miR-181d | -15.1 | 135 |
| bta-miR-181d | -14.0 | 624 |
| bta-miR-181d | -13.5 | 317 |
| bta-miR-181d | -13.2 | 702 |
| bta-miR-181d | -12.8 | 86 |
| bta-miR-181d | -11.6 | 586 |
| bta-miR-181d | -11.4 | 126 |
| bta-miR-181d | -11.1 | 308 |
| bta-miR-181d | -11.0 | 275 |
| bta-miR-181d | -11.0 | 458 |
| bta-miR-181d | -10.9 | 534 |
| bta-miR-181d | -10.1 | 666 |
| bta-miR-182 | -25.6 | 544 |
| bta-miR-182 | -24.7 | 659 |
| bta-miR-182 | -24.4 | 376 |
| bta-miR-182 | -22.9 | 113 |
| bta-miR-182 | -21.4 | 17 |
| bta-miR-182 | -20.9 | 81 |
| bta-miR-182 | -20.1 | 447 |
| bta-miR-182 | -19.3 | 613 |
| bta-miR-182 | -19.1 | 265 |
| bta-miR-182 | -18.9 | 496 |
| bta-miR-182 | -16.8 | 344 |
| bta-miR-182 | -16.5 | 584 |
| bta-miR-182 | -16.4 | 422 |
| bta-miR-182 | -16.2 | 231 |
| bta-miR-182 | -15.7 | 473 |
| bta-miR-182 | -14.6 | 691 |
| bta-miR-182 | -14.5 | 313 |
| bta-miR-182 | -14.0 | 730 |
| bta-miR-182 | -14.0 | 524 |
| bta-miR-182 | -12.7 | 1 |
| bta-miR-182 | -12.3 | 146 |
| bta-miR-182 | -11.9 | 162 |
| bta-miR-182 | -11.8 | 247 |
| bta-miR-182 | -11.5 | 51 |
| bta-miR-182 | -11.4 | 174 |
| bta-miR-182 | -11.0 | 59 |
| bta-miR-182 | -10.8 | 202 |
| bta-miR-183 | -26.3 | 495 |
| bta-miR-183 | -21.9 | 376 |
| bta-miR-183 | -21.6 | 447 |
| bta-miR-183 | -21.3 | 107 |
| bta-miR-183 | -19.6 | 632 |
| bta-miR-183 | -19.5 | 17 |
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| bta-miR-183 | -19.0 | 730 |
| bta-miR-183 | -18.8 | 575 |
| bta-miR-183 | -18.1 | 264 |
| bta-miR-183 | -18.0 | 544 |
| bta-miR-183 | -17.8 | 347 |
| bta-miR-183 | -17.7 | 313 |
| bta-miR-183 | -17.5 | 1 |
| bta-miR-183 | -17.1 | 228 |
| bta-miR-183 | -16.8 | 588 |
| bta-miR-183 | -15.7 | 473 |

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| bta-miR-183 | -14.7 | 686 |
| bta-miR-183 | -14.6 | 295 |
| bta-miR-183 | -14.2 | 59 |
| bta-miR-183 | -13.8 | 175 |
| bta-miR-183 | -13.7 | 145 |
| bta-miR-183 | -13.2 | 665 |
| bta-miR-183 | -13.0 | 607 |
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| bta-miR-183 | -12.1 | 51 |
| bta-miR-183 | -11.5 | 427 |
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| bta-miR-183 | -10.2 | 200 |
| bta-miR-183 | -10.2 | 337 |
| bta-miR-183 | -10.0 | 327 |
| bta-miR-184 | -21.4 | 73 |
| bta-miR-184 | -21.3 | 247 |
| bta-miR-184 | -20.8 | 361 |
| bta-miR-184 | -20.6 | 510 |
| bta-miR-184 | -19.9 | 429 |
| bta-miR-184 | -19.8 | 540 |
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| bta-miR-184 | -18.2 | 30 |
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| bta-miR-184 | -17.9 | 571 |
| bta-miR-184 | -17.7 | 624 |
| bta-miR-184 | -17.1 | 401 |
| bta-miR-184 | -16.4 | 327 |
| bta-miR-184 | -16.1 | 483 |
| bta-miR-184 | -15.3 | 649 |
| bta-miR-184 | -15.3 | 126 |
| bta-miR-184 | -14.7 | 7 |
| bta-miR-184 | -14.7 | 698 |
| bta-miR-184 | -14.6 | 277 |
| bta-miR-184 | -13.3 | 96 |
| bta-miR-184 | -13.1 | 214 |
| bta-miR-184 | -12.6 | 54 |
| bta-miR-184 | -12.3 | 682 |
| bta-miR-184 | -12.0 | 167 |
| bta-miR-184 | -11.2 | 261 |
| bta-miR-184 | -11.2 | 475 |
| bta-miR-184 | -11.0 | 298 |
| bta-miR-185 | -26.7 | 277 |
| bta-miR-185 | -25.9 | 83 |
| bta-miR-185 | -22.7 | 107 |
| bta-miR-185 | -22.6 | 559 |
| bta-miR-185 | -22.1 | 450 |
| bta-miR-185 | -22.0 | 660 |
| bta-miR-185 | -20.7 | 176 |
| bta-miR-185 | -19.7 | 597 |
| bta-miR-185 | -19.7 | 238 |
| bta-miR-185 | -18.5 | 9 |
| bta-miR-185 | -18.4 | 369 |
| bta-miR-185 | -18.4 | 479 |
| bta-miR-185 | -18.1 | 299 |
| bta-miR-185 | -17.5 | 200 |
| bta-miR-185 | -17.4 | 67 |
| bta-miR-185 | -17.2 | 421 |

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| bta-miR-185 | -14.0 | 685 |
| bta-miR-185 | -13.9 | 575 |
| bta-miR-185 | -13.2 | 410 |
| bta-miR-185 | -13.0 | 354 |
| bta-miR-185 | -12.8 | 51 |
| bta-miR-185 | -11.9 | 1 |
| bta-miR-185 | -11.7 | 738 |
| bta-miR-185 | -11.7 | 139 |
| bta-miR-185 | -11.7 | 154 |
| bta-miR-185 | -11.5 | 263 |
| bta-miR-185 | -11.1 | 519 |
| bta-miR-185 | -11.1 | 473 |
| bta-miR-185 | -10.7 | 37 |
| bta-miR-185 | -10.7 | 529 |
| bta-miR-185 | -10.5 | 219 |
| bta-miR-185 | -10.0 | 697 |
| bta-miR-187 | -25.9 | 115 |
| bta-miR-187 | -22.5 | 342 |
| bta-miR-187 | -22.3 | 462 |
| bta-miR-187 | -21.9 | 582 |
| bta-miR-187 | -21.6 | 61 |
| bta-miR-187 | -21.1 | 619 |
| bta-miR-187 | -20.5 | 402 |
| bta-miR-187 | -20.3 | 155 |
| bta-miR-187 | -19.1 | 12 |
| bta-miR-187 | -18.5 | 267 |
| bta-miR-187 | -18.4 | 560 |
| bta-miR-187 | -17.6 | 85 |
| bta-miR-187 | -17.1 | 740 |
| bta-miR-187 | -16.8 | 488 |
| bta-miR-187 | -16.7 | 362 |
| bta-miR-187 | -16.4 | 432 |
| bta-miR-187 | -16.1 | 185 |
| bta-miR-187 | -14.6 | 33 |
| bta-miR-187 | -13.3 | 696 |
| bta-miR-187 | -12.4 | 292 |
| bta-miR-187 | -12.0 | 643 |
| bta-miR-187 | -11.9 | 211 |
| bta-miR-187 | -11.8 | 662 |
| bta-miR-187 | -10.9 | 231 |
| bta-miR-188 | -31.3 | 162 |
| bta-miR-188 | -28.1 | 30 |
| bta-miR-188 | -26.0 | 578 |
| bta-miR-188 | -25.6 | 474 |
| bta-miR-188 | -25.2 | 398 |
| bta-miR-188 | -21.6 | 510 |
| bta-miR-188 | -21.5 | 244 |
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| bta-miR-188 | -21.2 | 109 |
| bta-miR-188 | -21.0 | 136 |
| bta-miR-188 | -21.0 | 425 |
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| bta-miR-188 | -10.5 | 20 |
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| bta-miR-188 | -10.2 | 73 |
| bta-miR-24 | -25.3 | 1 |
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| bta-miR-24 | -22.7 | 403 |
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| bta-miR-24 | -18.9 | 172 |
| bta-miR-24 | -18.9 | 364 |
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| bta-miR-24 | -14.3 | 739 |
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| bta-miR-190a | -14.1 | 341 |
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| bta-miR-190a | -12.0 | 595 |
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| bta-miR-190a | -11.0 | 192 |
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| bta-miR-194 | -13.3 | 146 |

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| bta-miR-196b | -23.9 | 59 |
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| bta-miR-206 | -20.0 | 381 |
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| bta-miR-206 | -14.8 | 237 |

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| bta-miR-206 | -10.1 | 602 |
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| bta-miR-208a | -16.0 | 651 |
| bta-miR-208a | -15.3 | 406 |
| bta-miR-208a | -15.0 | 694 |
| bta-miR-208a | -14.9 | 242 |
| bta-miR-208a | -14.6 | 736 |
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| bta-miR-208a | -13.6 | 546 |
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| bta-miR-208b | -13.7 | 681 |
| bta-miR-208b | -13.6 | 636 |
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| bta-miR-208b | -13.0 | 66 |
| bta-miR-208b | -12.9 | 422 |
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| bta-miR-208b | -10.1 | 570 |
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| bta-miR-211 | -14.0 | 464 |
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| bta-miR-211 | -10.6 | 723 |
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| bta-miR-212 | -25.3 | 604 |
| bta-miR-212 | -25.2 | 558 |
| bta-miR-212 | -24.6 | 464 |
| bta-miR-212 | -22.4 | 651 |
| bta-miR-212 | -22.1 | 419 |
| bta-miR-212 | -21.8 | 197 |
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| bta-miR-212 | -21.4 | 376 |
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| bta-miR-212 | -19.0 | 494 |
| bta-miR-212 | -18.0 | 113 |
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| bta-miR-212 | -10.6 | 514 |
| bta-miR-216a | -24.9 | 421 |
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| bta-miR-216a | -18.9 | 112 |
| bta-miR-216a | -17.8 | 559 |
| bta-miR-216a | -17.3 | 199 |
| bta-miR-216a | -17.3 | 606 |

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| bta-miR-216a | -14.9 | 182 |
| bta-miR-216a | -14.7 | 342 |
| bta-miR-216a | -14.5 | 514 |
| bta-miR-216a | -14.3 | 382 |
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| bta-miR-216a | -14.2 | 663 |
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| bta-miR-216a | -11.3 | 643 |
| bta-miR-216a | -11.0 | 326 |
| bta-miR-216b | -22.6 | 416 |
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| bta-miR-216b | -20.6 | 488 |
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| bta-miR-216b | -19.1 | 185 |
| bta-miR-216b | -18.9 | 2 |
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| bta-miR-216b | -18.0 | 353 |
| bta-miR-216b | -17.1 | 206 |
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| bta-miR-216b | -15.9 | 112 |
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| bta-miR-216b | -15.3 | 235 |
| bta-miR-216b | -14.9 | 147 |
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| bta-miR-216b | -14.2 | 23 |
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| bta-miR-216b | -13.6 | 663 |
| bta-miR-216b | -13.2 | 534 |
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| bta-miR-216b | -11.7 | 514 |
| bta-miR-216b | -11.6 | 408 |
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| bta-miR-216b | -10.9 | 344 |
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| bta-miR-217 | -28.5 | 391 |
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| bta-miR-217 | -22.2 | 572 |
| bta-miR-217 | -21.2 | 4 |

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| bta-miR-217 | -11.0 | 136 |
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| bta-miR-217 | -10.2 | 120 |
| bta-miR-219-5p | -19.8 | 609 |
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| bta-miR-219-5p | -16.7 | 405 |
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| bta-miR-219-5p | -15.5 | 652 |
| bta-miR-219-5p | -15.4 | 486 |
| bta-miR-219-5p | -14.9 | 434 |
| bta-miR-219-5p | -14.0 | 66 |
| bta-miR-219-5p | -13.9 | 696 |
| bta-miR-219-5p | -13.8 | 101 |
| bta-miR-219-5p | -13.8 | 172 |
| bta-miR-219-5p | -13.6 | 25 |
| bta-miR-219-5p | -13.4 | 81 |
| bta-miR-219-5p | -12.5 | 218 |
| bta-miR-219-5p | -11.8 | 736 |
| bta-miR-219-5p | -11.4 | 574 |
| bta-miR-219-5p | -11.2 | 506 |
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| bta-miR-219-5p | -11.1 | 545 |
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| bta-miR-219-5p | -10.5 | 338 |
| bta-miR-219-5p | -10.5 | 473 |
| bta-miR-219-5p | -10.5 | 628 |
| bta-miR-219-3p | -25.8 | 41 |
| bta-miR-219-3p | -24.0 | 94 |
| bta-miR-219-3p | -19.1 | 164 |
| bta-miR-219-3p | -18.5 | 232 |
| bta-miR-219-3p | -18.2 | 113 |
| bta-miR-219-3p | -17.9 | 554 |
| bta-miR-219-3p | -17.9 | 16 |
| bta-miR-219-3p | -17.8 | 454 |
| bta-miR-219-3p | -17.4 | 418 |
| bta-miR-219-3p | -17.3 | 479 |
| bta-miR-219-3p | -16.9 | 664 |
| bta-miR-219-3p | -16.8 | 128 |
| bta-miR-219-3p | -16.8 | 589 |
| bta-miR-219-3p | -16.0 | 359 |

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| bta-miR-219-3p | -16.0 | 395 |
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| bta-miR-219-3p | -15.7 | 616 |
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| bta-miR-219-3p | -14.5 | 1 |
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| bta-miR-219-3p | -14.2 | 183 |
| bta-miR-219-3p | -14.0 | 374 |
| bta-miR-219-3p | -13.9 | 575 |
| bta-miR-219-3p | -12.6 | 737 |
| bta-miR-219-3p | -12.3 | 84 |
| bta-miR-219-3p | -11.7 | 710 |
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| bta-miR-219-3p | -11.0 | 472 |
| bta-miR-219-3p | -10.7 | 342 |
| bta-miR-219-3p | -10.6 | 155 |
| bta-miR-219-3p | -10.5 | 525 |
| bta-miR-219-3p | -10.3 | 67 |
| bta-miR-223 | -23.9 | 615 |
| bta-miR-223 | -23.3 | 69 |
| bta-miR-223 | -19.4 | 174 |
| bta-miR-223 | -18.8 | 478 |
| bta-miR-223 | -18.1 | 448 |
| bta-miR-223 | -17.6 | 16 |
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| bta-miR-223 | -16.7 | 113 |
| bta-miR-223 | -16.2 | 267 |
| bta-miR-223 | -15.3 | 545 |
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| bta-miR-223 | -14.3 | 730 |
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| bta-miR-224 | -19.0 | 228 |
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| bta-miR-224 | -14.6 | 49 |

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| bta-miR-296 | -18.7 | 620 |

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| bta-miR-29d | -14.0 | 576 |
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| bta-miR-29d | -13.1 | 223 |
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| bta-miR-29d | -10.6 | 311 |

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| bta-miR-301a | -21.8 | 408 |
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| bta-miR-301a | -15.6 | 116 |
| bta-miR-301a | -15.4 | 167 |
| bta-miR-301a | -14.9 | 539 |
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| bta-miR-301a | -14.4 | 589 |
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| bta-miR-301a | -11.7 | 188 |
| bta-miR-301a | -11.5 | 693 |
| bta-miR-301a | -11.2 | 344 |
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| bta-miR-301b | -12.8 | 244 |
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| bta-miR-301b | -10.3 | 429 |
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| bta-miR-302a | -21.2 | 594 |
| bta-miR-302a | -20.8 | 401 |
| bta-miR-302a | -19.5 | 5 |
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| bta-miR-302a | -17.7 | 457 |
| bta-miR-302a | -17.4 | 489 |
| bta-miR-302a | -17.1 | 361 |
| bta-miR-302a | -15.6 | 225 |
| bta-miR-302a | -15.0 | 156 |
| bta-miR-302a | -14.9 | 81 |

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| bta-miR-302a | -14.8 | 736 |
| bta-miR-302a | -14.3 | 552 |
| bta-miR-302a | -14.2 | 649 |
| bta-miR-302a | -14.1 | 332 |
| bta-miR-302a | -14.0 | 437 |
| bta-miR-302a | -13.3 | 696 |
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| bta-miR-302a | -11.3 | 629 |
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| bta-miR-302d | -19.6 | 403 |
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| bta-miR-302d | -17.8 | 470 |
| bta-miR-302d | -16.7 | 350 |
| bta-miR-302d | -16.7 | 437 |
| bta-miR-302d | -16.5 | 225 |
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| bta-miR-302d | -14.3 | 267 |
| bta-miR-302d | -13.5 | 649 |
| bta-miR-302d | -12.5 | 698 |
| bta-miR-302d | -11.3 | 422 |
| bta-miR-302d | -10.5 | 630 |
| bta-miR-302d | -10.3 | 36 |
| bta-miR-302d | -10.1 | 556 |
| bta-miR-302b | -22.6 | 594 |
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| bta-miR-302b | -19.6 | 403 |
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| bta-miR-302b | -14.7 | 265 |
| bta-miR-302b | -14.3 | 697 |
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| bta-miR-302b | -13.2 | 337 |
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| bta-miR-302b | -10.3 | 36 |
| bta-miR-302c | -24.1 | 594 |
| bta-miR-302c | -22.1 | 58 |
| bta-miR-302c | -22.1 | 401 |
| bta-miR-302c | -20.9 | 13 |

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| bta-miR-302c | -19.2 | 495 |
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| bta-miR-302c | -15.4 | 655 |
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| bta-miR-30f | -25.4 | 610 |
| bta-miR-30f | -25.3 | 435 |
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| bta-miR-30f | -17.0 | 346 |
| bta-miR-30f | -16.8 | 450 |
| bta-miR-30f | -16.0 | 653 |
| bta-miR-30f | -15.8 | 586 |
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| bta-miR-30f | -14.1 | 171 |
| bta-miR-30f | -13.0 | 496 |
| bta-miR-30f | -12.9 | 184 |
| bta-miR-30f | -12.3 | 221 |
| bta-miR-30f | -11.9 | 559 |
| bta-miR-30f | -11.8 | 280 |
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| bta-miR-32 | -11.9 | 283 |
| bta-miR-32 | -11.7 | 548 |
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| bta-miR-32 | -11.2 | 388 |

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| bta-miR-323 | -15.1 | 598 |
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| bta-miR-323 | -13.8 | 218 |
| bta-miR-323 | -13.2 | 663 |
| bta-miR-323 | -13.1 | 28 |
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| bta-miR-324 | -14.3 | 319 |
| bta-miR-324 | -13.4 | 326 |
| bta-miR-324 | -12.9 | 693 |
| bta-miR-324 | -12.5 | 728 |
| bta-miR-324 | -12.1 | 137 |
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| bta-miR-324 | -10.2 | 148 |
| bta-miR-326 | -32.3 | 614 |

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| bta-miR-326 | -25.1 | 69 |
| bta-miR-326 | -20.6 | 347 |
| bta-miR-326 | -20.1 | 153 |
| bta-miR-326 | -19.5 | 498 |
| bta-miR-326 | -18.9 | 6 |
| bta-miR-326 | -17.4 | 265 |
| bta-miR-326 | -17.3 | 582 |
| bta-miR-326 | -16.9 | 114 |
| bta-miR-326 | -15.0 | 177 |
| bta-miR-326 | -13.4 | 658 |
| bta-miR-326 | -12.6 | 40 |
| bta-miR-326 | -11.8 | 308 |
| bta-miR-326 | -11.8 | 244 |
| bta-miR-326 | -11.6 | 30 |
| bta-miR-326 | -11.4 | 740 |
| bta-miR-326 | -11.0 | 109 |
| bta-miR-326 | -10.6 | 576 |
| bta-miR-326 | -10.3 | 330 |
| bta-miR-326 | -10.1 | 142 |
| bta-miR-326 | -10.1 | 709 |
| bta-miR-326 | -10.0 | 135 |
| bta-miR-326 | -10.0 | 324 |
| bta-miR-326 | -10.0 | 33 |
| bta-miR-328 | -33.5 | 610 |
| bta-miR-328 | -30.4 | 450 |
| bta-miR-328 | -27.9 | 413 |
| bta-miR-328 | -24.8 | 69 |
| bta-miR-328 | -22.9 | 230 |
| bta-miR-328 | -20.9 | 268 |
| bta-miR-328 | -20.7 | 114 |
| bta-miR-328 | -20.0 | 199 |
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| bta-miR-328 | -17.4 | 166 |
| bta-miR-328 | -16.3 | 576 |
| bta-miR-328 | -14.9 | 630 |
| bta-miR-328 | -14.5 | 343 |
| bta-miR-328 | -14.5 | 654 |
| bta-miR-328 | -14.1 | 218 |
| bta-miR-328 | -13.6 | 440 |
| bta-miR-328 | -13.5 | 370 |
| bta-miR-328 | -12.5 | 41 |
| bta-miR-328 | -12.2 | 728 |
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| bta-miR-328 | -10.0 | 405 |
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| bta-miR-329a | -17.1 | 365 |
| bta-miR-329a | -16.8 | 445 |
| bta-miR-329a | -16.7 | 506 |
| bta-miR-329a | -16.0 | 268 |
| bta-miR-329a | -15.9 | 405 |
| bta-miR-329a | -15.9 | 574 |

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| bta-miR-329a | -14.1 | 26 |
| bta-miR-329a | -13.7 | 663 |
| bta-miR-329a | -13.2 | 544 |
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| bta-miR-329a | -12.8 | 174 |
| bta-miR-329a | -12.7 | 153 |
| bta-miR-329a | -12.6 | 479 |
| bta-miR-329a | -12.1 | 114 |
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| bta-miR-329a | -11.3 | 737 |
| bta-miR-329a | -10.6 | 604 |
| bta-miR-329a | -10.3 | 340 |
| bta-miR-329a | -10.2 | 50 |
| bta-miR-329a | -10.0 | 243 |
| bta-miR-329a | -10.0 | 557 |
| bta-miR-329b | -25.6 | 452 |
| bta-miR-329b | -24.9 | 220 |
| bta-miR-329b | -24.1 | 265 |
| bta-miR-329b | -23.9 | 494 |
| bta-miR-329b | -22.5 | 616 |
| bta-miR-329b | -21.7 | 197 |
| bta-miR-329b | -21.7 | 351 |
| bta-miR-329b | -21.4 | 100 |
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| bta-miR-329b | -18.8 | 46 |
| bta-miR-329b | -18.6 | 159 |
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| bta-miR-329b | -16.0 | 330 |
| bta-miR-329b | -15.9 | 128 |
| bta-miR-329b | -15.8 | 303 |
| bta-miR-329b | -15.5 | 514 |
| bta-miR-329b | -15.4 | 558 |
| bta-miR-329b | -15.0 | 701 |
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| bta-miR-329b | -14.0 | 479 |
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| bta-miR-329b | -13.5 | 429 |
| bta-miR-329b | -13.0 | 731 |
| bta-miR-329b | -12.6 | 383 |
| bta-miR-329b | -12.5 | 652 |
| bta-miR-329b | -12.4 | 247 |
| bta-miR-329b | -10.9 | 184 |
| bta-miR-329b | -10.7 | 439 |
| bta-miR-329b | -10.7 | 320 |
| bta-miR-329b | -10.5 | 33 |
| bta-miR-329b | -10.3 | 142 |
| bta-miR-329b | -10.2 | 401 |
| bta-miR-330 | -31.5 | 5 |
| bta-miR-330 | -31.3 | 475 |
| bta-miR-330 | -26.1 | 396 |
| bta-miR-330 | -25.7 | 567 |
| bta-miR-330 | -24.2 | 650 |
| bta-miR-330 | -23.5 | 59 |
| bta-miR-330 | -22.6 | 502 |
| bta-miR-330 | -21.6 | 364 |
| bta-miR-330 | -20.6 | 537 |
| bta-miR-330 | -20.0 | 606 |

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| bta-miR-330 | -17.6 | 262 |
| bta-miR-330 | -16.3 | 90 |
| bta-miR-330 | -14.4 | 146 |
| bta-miR-330 | -14.1 | 683 |
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| bta-miR-330 | -13.4 | 730 |
| bta-miR-330 | -13.0 | 30 |
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| bta-miR-330 | -12.0 | 231 |
| bta-miR-330 | -11.1 | 630 |
| bta-miR-330 | -11.0 | 386 |
| bta-miR-330 | -10.9 | 289 |
| bta-miR-330 | -10.6 | 123 |
| bta-miR-330 | -10.6 | 560 |
| bta-miR-335 | -19.3 | 606 |
| bta-miR-335 | -17.0 | 488 |
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| bta-miR-335 | -14.6 | 654 |
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| bta-miR-335 | -12.1 | 743 |
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| bta-miR-338 | -22.9 | 407 |
| bta-miR-338 | -21.9 | 573 |
| bta-miR-338 | -20.2 | 85 |
| bta-miR-338 | -19.8 | 1 |
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| bta-miR-338 | -18.1 | 732 |
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| bta-miR-338 | -17.1 | 607 |
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| bta-miR-338 | -15.9 | 646 |
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| bta-miR-338 | -12.9 | 560 |
| bta-miR-338 | -12.9 | 448 |
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| bta-miR-338 | -12.5 | 140 |
| bta-miR-338 | -11.7 | 688 |
| bta-miR-338 | -11.6 | 373 |
| bta-miR-338 | -11.5 | 298 |
| bta-miR-338 | -11.2 | 23 |
| bta-miR-338 | -11.1 | 516 |
| bta-miR-338 | -10.0 | 116 |
| bta-miR-339 | -30.2 | 622 |

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| bta-miR-339 | -28.3 | 472 |
| bta-miR-339 | -27.1 | 417 |
| bta-miR-339 | -26.8 | 204 |
| bta-miR-339 | -24.0 | 356 |
| bta-miR-339 | -23.2 | 26 |
| bta-miR-339 | -21.4 | 242 |
| bta-miR-339 | -19.5 | 84 |
| bta-miR-339 | -18.8 | 108 |
| bta-miR-339 | -18.1 | 166 |
| bta-miR-339 | -17.1 | 1 |
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| bta-miR-339 | -17.0 | 281 |
| bta-miR-339 | -16.4 | 559 |
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| bta-miR-339 | -14.7 | 187 |
| bta-miR-339 | -14.0 | 502 |
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| bta-miR-339 | -12.8 | 614 |
| bta-miR-339 | -12.2 | 377 |
| bta-miR-339 | -12.0 | 711 |
| bta-miR-339 | -11.9 | 465 |
| bta-miR-339 | -11.5 | 130 |
| bta-miR-339 | -11.2 | 659 |
| bta-miR-339 | -11.1 | 139 |
| bta-miR-339 | -11.1 | 72 |
| bta-miR-339 | -10.9 | 313 |
| bta-miR-339 | -10.9 | 518 |
| bta-miR-33a | -20.6 | 358 |
| bta-miR-33a | -19.7 | 483 |
| bta-miR-33a | -18.2 | 17 |
| bta-miR-33a | -17.0 | 66 |
| bta-miR-33a | -16.8 | 654 |
| bta-miR-33a | -16.6 | 408 |
| bta-miR-33a | -15.8 | 516 |
| bta-miR-33a | -15.7 | 251 |
| bta-miR-33a | -15.5 | 585 |
| bta-miR-33a | -15.3 | 109 |
| bta-miR-33a | -14.8 | 538 |
| bta-miR-33a | -14.7 | 172 |
| bta-miR-33a | -13.7 | 624 |
| bta-miR-33a | -13.6 | 686 |
| bta-miR-33a | -13.4 | 728 |
| bta-miR-33a | -12.6 | 41 |
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| bta-miR-33a | -12.4 | 450 |
| bta-miR-33a | -11.8 | 560 |
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| bta-miR-33b | -19.6 | 358 |
| bta-miR-33b | -19.1 | 254 |
| bta-miR-33b | -18.9 | 94 |
| bta-miR-33b | -18.4 | 7 |
| bta-miR-33b | -18.3 | 485 |
| bta-miR-33b | -18.0 | 62 |
| bta-miR-33b | -15.9 | 516 |
| bta-miR-33b | -15.9 | 654 |
| bta-miR-33b | -15.4 | 41 |
| bta-miR-33b | -14.5 | 167 |
| bta-miR-33b | -14.4 | 606 |

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| bta-miR-33b | -13.9 | 410 |
| bta-miR-33b | -13.8 | 554 |
| bta-miR-33b | -12.9 | 686 |
| bta-miR-33b | -12.5 | 728 |
| bta-miR-33b | -12.3 | 118 |
| bta-miR-33b | -12.2 | 80 |
| bta-miR-33b | -11.2 | 229 |
| bta-miR-33b | -10.8 | 566 |
| bta-miR-33b | -10.7 | 633 |
| bta-miR-33b | -10.5 | 451 |
| bta-miR-33b | -10.4 | 278 |
| bta-miR-33b | -10.2 | 589 |
| bta-miR-33b | -10.1 | 335 |
| bta-miR-340 | -22.7 | 605 |
| bta-miR-340 | -22.2 | 408 |
| bta-miR-340 | -21.7 | 72 |
| bta-miR-340 | -19.0 | 464 |
| bta-miR-340 | -18.9 | 623 |
| bta-miR-340 | -18.3 | 429 |
| bta-miR-340 | -18.2 | 12 |
| bta-miR-340 | -17.2 | 216 |
| bta-miR-340 | -17.1 | 576 |
| bta-miR-340 | -16.5 | 155 |
| bta-miR-340 | -15.7 | 252 |
| bta-miR-340 | -15.6 | 357 |
| bta-miR-340 | -15.0 | 548 |
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| bta-miR-340 | -13.1 | 733 |
| bta-miR-340 | -13.1 | 185 |
| bta-miR-340 | -13.0 | 645 |
| bta-miR-340 | -13.0 | 350 |
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| bta-miR-340 | -12.1 | 685 |
| bta-miR-340 | -10.4 | 504 |
| bta-miR-340 | -10.0 | 274 |
| bta-miR-346 | -33.7 | 614 |
| bta-miR-346 | -26.6 | 411 |
| bta-miR-346 | -26.1 | 69 |
| bta-miR-346 | -25.7 | 479 |
| bta-miR-346 | -24.6 | 16 |
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| bta-miR-346 | -21.3 | 447 |
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| bta-miR-346 | -20.3 | 109 |
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| bta-miR-346 | -17.6 | 174 |
| bta-miR-346 | -16.4 | 654 |
| bta-miR-346 | -14.0 | 218 |
| bta-miR-346 | -13.4 | 548 |
| bta-miR-346 | -13.1 | 506 |
| bta-miR-346 | -12.1 | 377 |
| bta-miR-346 | -12.1 | 737 |
| bta-miR-346 | -11.7 | 278 |
| bta-miR-346 | -11.6 | 8 |
| bta-miR-346 | -11.2 | 154 |
| bta-miR-346 | -10.7 | 38 |
| bta-miR-362-5p | -24.2 | 567 |
| bta-miR-362-5p | -23.4 | 473 |

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| bta-miR-362-5p | -22.8 | 156 |
| bta-miR-362-5p | -21.9 | 189 |
| bta-miR-362-5p | -21.6 | 51 |
| bta-miR-362-5p | -20.9 | 361 |
| bta-miR-362-5p | -19.9 | 109 |
| bta-miR-362-5p | -19.8 | 382 |
| bta-miR-362-5p | -19.3 | 416 |
| bta-miR-362-5p | -19.3 | 9 |
| bta-miR-362-5p | -19.1 | 457 |
| bta-miR-362-5p | -19.1 | 603 |
| bta-miR-362-5p | -18.5 | 73 |
| bta-miR-362-5p | -17.9 | 492 |
| bta-miR-362-5p | -17.1 | 262 |
| bta-miR-362-5p | -16.6 | 305 |
| bta-miR-362-5p | -16.6 | 649 |
| bta-miR-362-5p | -14.6 | 698 |
| bta-miR-362-5p | -14.1 | 510 |
| bta-miR-362-5p | -13.6 | 145 |
| bta-miR-362-5p | -13.5 | 232 |
| bta-miR-362-5p | -12.8 | 397 |
| bta-miR-362-5p | -12.4 | 341 |
| bta-miR-362-5p | -12.1 | 131 |
| bta-miR-362-5p | -12.1 | 324 |
| bta-miR-362-5p | -11.8 | 737 |
| bta-miR-362-5p | -10.7 | 533 |
| bta-miR-362-5p | -10.3 | 98 |
| bta-miR-362-3p | -19.7 | 4 |
| bta-miR-362-3p | -15.8 | 357 |
| bta-miR-362-3p | -15.6 | 626 |
| bta-miR-362-3p | -15.1 | 499 |
| bta-miR-362-3p | -14.9 | 248 |
| bta-miR-362-3p | -14.6 | 611 |
| bta-miR-362-3p | -14.5 | 537 |
| bta-miR-362-3p | -14.5 | 401 |
| bta-miR-362-3p | -13.6 | 28 |
| bta-miR-362-3p | -13.3 | 596 |
| bta-miR-362-3p | -13.1 | 208 |
| bta-miR-362-3p | -12.9 | 715 |
| bta-miR-362-3p | -12.6 | 70 |
| bta-miR-362-3p | -12.5 | 564 |
| bta-miR-362-3p | -12.4 | 430 |
| bta-miR-362-3p | -12.0 | 233 |
| bta-miR-362-3p | -11.5 | 97 |
| bta-miR-362-3p | -11.2 | 659 |
| bta-miR-362-3p | -10.9 | 474 |
| bta-miR-362-3p | -10.4 | 188 |
| bta-miR-362-3p | -10.3 | 309 |
| bta-miR-367 | -20.9 | 5 |
| bta-miR-367 | -19.9 | 515 |
| bta-miR-367 | -17.9 | 408 |
| bta-miR-367 | -17.5 | 55 |
| bta-miR-367 | -17.4 | 341 |
| bta-miR-367 | -17.0 | 578 |
| bta-miR-367 | -16.9 | 367 |
| bta-miR-367 | -16.8 | 636 |
| bta-miR-367 | -16.7 | 147 |
| bta-miR-367 | -16.7 | 473 |
| bta-miR-367 | -16.6 | 535 |
| bta-miR-367 | -16.3 | 244 |

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| bta-miR-367 | -15.2 | 667 |
| bta-miR-367 | -14.3 | 30 |
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| bta-miR-367 | -13.3 | 739 |
| bta-miR-367 | -13.0 | 457 |
| bta-miR-367 | -12.9 | 109 |
| bta-miR-367 | -12.5 | 693 |
| bta-miR-367 | -12.3 | 296 |
| bta-miR-367 | -12.3 | 554 |
| bta-miR-367 | -12.1 | 429 |
| bta-miR-367 | -11.7 | 86 |
| bta-miR-367 | -11.1 | 615 |
| bta-miR-367 | -11.1 | 210 |
| bta-miR-367 | -10.9 | 231 |
| bta-miR-370 | -31.9 | 457 |
| bta-miR-370 | -29.4 | 571 |
| bta-miR-370 | -29.0 | 149 |
| bta-miR-370 | -28.9 | 13 |
| bta-miR-370 | -26.7 | 415 |
| bta-miR-370 | -25.8 | 51 |
| bta-miR-370 | -25.8 | 237 |
| bta-miR-370 | -24.7 | 83 |
| bta-miR-370 | -24.7 | 308 |
| bta-miR-370 | -23.5 | 126 |
| bta-miR-370 | -21.2 | 504 |
| bta-miR-370 | -19.9 | 616 |
| bta-miR-370 | -18.9 | 182 |
| bta-miR-370 | -18.4 | 660 |
| bta-miR-370 | -17.8 | 367 |
| bta-miR-370 | -17.2 | 392 |
| bta-miR-370 | -16.1 | 209 |
| bta-miR-370 | -15.2 | 277 |
| bta-miR-370 | -14.3 | 484 |
| bta-miR-370 | -14.2 | 328 |
| bta-miR-370 | -14.0 | 543 |
| bta-miR-370 | -13.4 | 341 |
| bta-miR-370 | -13.3 | 739 |
| bta-miR-370 | -13.1 | 636 |
| bta-miR-370 | -11.1 | 71 |
| bta-miR-370 | -10.7 | 702 |
| bta-miR-370 | -10.6 | 120 |
| bta-miR-370 | -10.6 | 607 |
| bta-miR-370 | -10.2 | 680 |
| bta-miR-370 | -10.0 | 289 |
| bta-miR-370 | -10.0 | 384 |
| bta-miR-292 | -23.1 | 606 |
| bta-miR-292 | -22.3 | 6 |
| bta-miR-292 | -22.0 | 56 |
| bta-miR-292 | -21.1 | 86 |
| bta-miR-292 | -21.0 | 469 |
| bta-miR-292 | -20.6 | 394 |
| bta-miR-292 | -20.0 | 262 |
| bta-miR-292 | -18.4 | 189 |
| bta-miR-292 | -17.8 | 137 |
| bta-miR-292 | -17.8 | 643 |
| bta-miR-292 | -17.8 | 367 |
| bta-miR-292 | -17.3 | 435 |
| bta-miR-292 | -16.7 | 350 |
| bta-miR-292 | -15.8 | 736 |

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| bta-miR-292 | -15.7 | 488 |
| bta-miR-292 | -15.2 | 30 |
| bta-miR-292 | -13.8 | 629 |
| bta-miR-292 | -13.7 | 225 |
| bta-miR-292 | -13.6 | 586 |
| bta-miR-292 | -13.5 | 275 |
| bta-miR-292 | -13.1 | 299 |
| bta-miR-292 | -12.2 | 529 |
| bta-miR-292 | -12.0 | 505 |
| bta-miR-292 | -11.9 | 424 |
| bta-miR-292 | -11.6 | 702 |
| bta-miR-292 | -11.5 | 556 |
| bta-miR-292 | -10.2 | 167 |
| bta-miR-292 | -10.0 | 326 |
| bta-miR-374b | -20.3 | 56 |
| bta-miR-374b | -17.0 | 649 |
| bta-miR-374b | -16.6 | 605 |
| bta-miR-374b | -15.1 | 12 |
| bta-miR-374b | -14.9 | 415 |
| bta-miR-374b | -13.7 | 520 |
| bta-miR-374b | -13.4 | 537 |
| bta-miR-374b | -13.4 | 80 |
| bta-miR-374b | -12.8 | 262 |
| bta-miR-374b | -12.7 | 737 |
| bta-miR-374b | -12.7 | 167 |
| bta-miR-374b | -12.4 | 180 |
| bta-miR-374b | -12.4 | 489 |
| bta-miR-374b | -12.2 | 193 |
| bta-miR-374b | -11.9 | 560 |
| bta-miR-374b | -11.5 | 23 |
| bta-miR-374b | -11.3 | 442 |
| bta-miR-374b | -11.2 | 275 |
| bta-miR-374b | -11.2 | 623 |
| bta-miR-374b | -10.9 | 456 |
| bta-miR-374b | -10.7 | 367 |
| bta-miR-374b | -10.6 | 472 |
| bta-miR-374b | -10.6 | 108 |
| bta-miR-374b | -10.4 | 702 |
| bta-miR-374b | -10.3 | 425 |
| bta-miR-375 | -24.5 | 23 |
| bta-miR-375 | -23.9 | 161 |
| bta-miR-375 | -22.1 | 476 |
| bta-miR-375 | -20.9 | 354 |
| bta-miR-375 | -20.6 | 412 |
| bta-miR-375 | -19.5 | 428 |
| bta-miR-375 | -19.2 | 560 |
| bta-miR-375 | -18.3 | 578 |
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| bta-miR-410 | -12.8 | 649 |
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| bta-miR-410 | -12.4 | 358 |

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| bta-miR-453 | -24.4 | 697 |
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| bta-miR-485 | -19.4 | 551 |
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| bta-miR-486 | -25.2 | 267 |
| bta-miR-486 | -22.8 | 82 |
| bta-miR-486 | -22.3 | 421 |
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| bta-miR-490 | -22.0 | 456 |
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| bta-miR-495 | -13.1 | 423 |

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| bta-miR-496 | -13.0 | 424 |
| bta-miR-496 | -12.8 | 155 |
| bta-miR-496 | -12.4 | 51 |
| bta-miR-496 | -12.2 | 23 |
| bta-miR-496 | -12.1 | 598 |
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| bta-miR-496 | -10.4 | 119 |
| bta-miR-496 | -10.1 | 429 |
| bta-miR-496 | -10.1 | 698 |
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| bta-miR-500 | -18.3 | 616 |
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| bta-miR-500 | -17.4 | 364 |
| bta-miR-500 | -17.1 | 186 |

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| bta-miR-502a | -17.4 | 54 |
| bta-miR-502a | -17.2 | 426 |
| bta-miR-502a | -15.8 | 276 |
| bta-miR-502a | -15.6 | 313 |
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| bta-miR-502a | -15.1 | 209 |
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| bta-miR-502a | -11.3 | 328 |
| bta-miR-502a | -11.1 | 81 |
| bta-miR-502a | -10.6 | 337 |
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| bta-miR-505 | -20.3 | 169 |
| bta-miR-505 | -20.2 | 366 |

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| bta-miR-541 | -22.4 | 154 |
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| bta-miR-541 | -21.4 | 109 |
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| bta-miR-541 | -18.5 | 344 |
| bta-miR-541 | -17.8 | 539 |

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| bta-miR-543 | -17.0 | 450 |
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| bta-miR-543 | -14.7 | 279 |
| bta-miR-543 | -14.3 | 232 |
| bta-miR-543 | -14.2 | 113 |
| bta-miR-543 | -14.2 | 405 |
| bta-miR-543 | -14.0 | 36 |
| bta-miR-543 | -14.0 | 560 |
| bta-miR-543 | -13.0 | 380 |
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| bta-miR-543 | -10.6 | 326 |
| bta-miR-543 | -10.4 | 178 |
| bta-miR-543 | -10.1 | 218 |
| bta-miR-543 | -10.0 | 153 |
| bta-miR-544b | -16.4 | 434 |
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| bta-miR-544b | -14.2 | 2 |
| bta-miR-544b | -14.2 | 184 |
| bta-miR-544b | -13.8 | 455 |
| bta-miR-544b | -13.4 | 231 |
| bta-miR-544b | -13.4 | 345 |
| bta-miR-544b | -13.2 | 249 |
| bta-miR-544b | -12.7 | 281 |
| bta-miR-544b | -12.6 | 66 |
| bta-miR-544b | -12.5 | 500 |
| bta-miR-544b | -12.3 | 371 |
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| bta-miR-544b | -11.7 | 546 |

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| bta-miR-544b | -11.5 | 414 |
| bta-miR-544b | -11.1 | 701 |
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| bta-miR-544b | -10.4 | 114 |
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| bta-miR-544a | -17.6 | 414 |
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| bta-miR-544a | -17.3 | 585 |
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| bta-miR-544a | -14.1 | 249 |
| bta-miR-544a | -13.4 | 546 |
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| bta-miR-544a | -13.0 | 281 |
| bta-miR-544a | -13.0 | 213 |
| bta-miR-544a | -12.9 | 481 |
| bta-miR-544a | -12.6 | 371 |
| bta-miR-544a | -12.5 | 437 |
| bta-miR-544a | -12.5 | 738 |
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| bta-miR-544a | -11.9 | 345 |
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| bta-miR-544a | -11.8 | 614 |
| bta-miR-544a | -10.7 | 156 |
| bta-miR-544a | -10.5 | 624 |
| bta-miR-544a | -10.2 | 657 |
| bta-miR-544a | -10.0 | 455 |
| bta-miR-551a | -24.5 | 478 |
| bta-miR-551a | -24.1 | 598 |
| bta-miR-551a | -22.1 | 220 |
| bta-miR-551a | -22.0 | 405 |
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| bta-miR-551a | -14.0 | 366 |
| bta-miR-551a | -12.4 | 508 |
| bta-miR-551a | -11.8 | 464 |
| bta-miR-551a | -11.3 | 124 |
| bta-miR-551a | -11.1 | 697 |
| bta-miR-551a | -10.8 | 240 |
| bta-miR-551a | -10.6 | 49 |
| bta-miR-551a | -10.3 | 542 |
| bta-miR-551a | -10.2 | 197 |
| bta-miR-551a | -10.1 | 621 |
| bta-miR-551b | -29.8 | 403 |
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| bta-miR-551b | -23.2 | 92 |

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| bta-miR-551b | -15.0 | 257 |
| bta-miR-551b | -14.6 | 432 |
| bta-miR-551b | -13.4 | 280 |
| bta-miR-551b | -12.8 | 543 |
| bta-miR-551b | -12.4 | 124 |
| bta-miR-551b | -12.1 | 697 |
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| bta-miR-562 | -19.7 | 78 |
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| bta-miR-562 | -16.9 | 497 |
| bta-miR-562 | -16.7 | 555 |
| bta-miR-562 | -16.3 | 411 |
| bta-miR-562 | -16.1 | 727 |
| bta-miR-562 | -16.0 | 176 |
| bta-miR-562 | -15.7 | 444 |
| bta-miR-562 | -15.3 | 375 |
| bta-miR-562 | -15.2 | 106 |
| bta-miR-562 | -14.4 | 228 |
| bta-miR-562 | -13.4 | 66 |
| bta-miR-562 | -13.0 | 661 |
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| bta-miR-562 | -11.3 | 464 |
| bta-miR-562 | -11.3 | 632 |
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| bta-miR-568 | -12.2 | 658 |
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| bta-miR-568 | -11.3 | 266 |
| bta-miR-568 | -10.6 | 583 |
| bta-miR-568 | -10.5 | 353 |
| bta-miR-568 | -10.3 | 293 |
| bta-miR-582 | -23.0 | 411 |
| bta-miR-582 | -22.2 | 12 |

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| bta-miR-582 | -15.9 | 472 |
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| bta-miR-582 | -15.2 | 555 |
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| bta-miR-582 | -12.5 | 274 |
| bta-miR-582 | -12.5 | 112 |
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| bta-miR-582 | -11.5 | 700 |
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| bta-miR-584 | -26.5 | 107 |
| bta-miR-584 | -25.3 | 258 |
| bta-miR-584 | -21.3 | 463 |
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| bta-miR-584 | -19.9 | 165 |
| bta-miR-584 | -19.7 | 623 |
| bta-miR-584 | -18.4 | 137 |
| bta-miR-584 | -18.3 | 33 |
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| bta-miR-584 | -16.7 | 655 |
| bta-miR-584 | -16.6 | 576 |
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| bta-miR-584 | -15.5 | 386 |
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| bta-miR-584 | -15.0 | 211 |
| bta-miR-584 | -15.0 | 182 |
| bta-miR-584 | -14.6 | 545 |
| bta-miR-584 | -14.3 | 80 |
| bta-miR-584 | -14.1 | 432 |
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| bta-miR-584 | -12.4 | 692 |
| bta-miR-584 | -12.4 | 566 |
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| bta-miR-584 | -11.4 | 98 |
| bta-miR-584 | -11.2 | 310 |
| bta-miR-584 | -10.7 | 282 |
| bta-miR-584 | -10.4 | 247 |
| bta-miR-592 | -15.4 | 353 |
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| bta-miR-592 | -15.4 | 383 |
| bta-miR-592 | -15.3 | 649 |
| bta-miR-592 | -15.2 | 577 |
| bta-miR-592 | -15.1 | 53 |

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| bta-miR-592 | -14.5 | 488 |
| bta-miR-592 | -13.6 | 535 |
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| bta-miR-592 | -13.1 | 206 |
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| bta-miR-599 | -17.7 | 113 |
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| bta-miR-769 | -23.3 | 464 |
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| bta-miR-769 | -21.3 | 262 |
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| bta-miR-876 | -14.1 | 543 |
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| bta-miR-876 | -13.4 | 567 |
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| bta-miR-885 | -13.2 | 654 |
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| bta-miR-885 | -10.9 | 270 |
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| bta-miR-92a | -31.0 | 10 |
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| bta-miR-92a | -26.0 | 358 |
| bta-miR-92a | -24.8 | 481 |
| bta-miR-92a | -24.2 | 411 |
| bta-miR-92a | -22.0 | 66 |
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| bta-miR-92a | -19.6 | 499 |
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| bta-miR-92a | -18.2 | 264 |
| bta-miR-92a | -17.7 | 575 |
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| bta-miR-92a | -15.9 | 154 |
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| bta-miR-92a | -14.0 | 199 |
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| bta-miR-92a | -13.3 | 560 |
| bta-miR-92a | -13.3 | 596 |
| bta-miR-92a | -11.9 | 737 |
| bta-miR-92a | -11.7 | 462 |
| bta-miR-92a | -11.7 | 654 |
| bta-miR-92a | -11.1 | 241 |
| bta-miR-92a | -10.9 | 86 |
| bta-miR-92a | -10.7 | 106 |
| bta-miR-92a | -10.5 | 304 |
| bta-miR-92a | -10.2 | 341 |
| bta-miR-92b | -29.7 | 614 |
| bta-miR-92b | -28.6 | 11 |
| bta-miR-92b | -25.9 | 412 |
| bta-miR-92b | -25.3 | 479 |
| bta-miR-92b | -24.4 | 69 |
| bta-miR-92b | -24.0 | 357 |
| bta-miR-92b | -23.1 | 592 |
| bta-miR-92b | -21.1 | 499 |
| bta-miR-92b | -20.8 | 441 |
| bta-miR-92b | -17.2 | 218 |

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| bta-miR-92b | -16.3 | 560 |
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| bta-miR-92b | -14.4 | 28 |
| bta-miR-92b | -13.3 | 185 |
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| bta-miR-92b | -12.3 | 154 |
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| bta-miR-92b | -10.5 | 462 |
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| bta-miR-935 | -18.3 | 481 |
| bta-miR-935 | -17.3 | 265 |
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| bta-miR-935 | -14.5 | 198 |
| bta-miR-935 | -13.1 | 419 |
| bta-miR-935 | -12.9 | 539 |
| bta-miR-935 | -12.6 | 738 |
| bta-miR-935 | -12.6 | 228 |
| bta-miR-935 | -11.8 | 517 |
| bta-miR-935 | -10.9 | 84 |
| bta-miR-935 | -10.8 | 376 |
| bta-miR-935 | -10.0 | 154 |
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| bta-miR-940 | -23.4 | 220 |
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| bta-miR-940 | -22.4 | 438 |
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| bta-miR-95 | -11.8 | 185 |
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| bta-miR-95 | -11.8 | 327 |
| bta-miR-95 | -10.9 | 320 |
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| bta-miR-764 | -25.6 | 610 |
| bta-miR-764 | -24.6 | 366 |
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| bta-miR-29e | -14.0 | 471 |
| bta-miR-29e | -14.0 | 159 |
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| bta-miR-376a | -16.6 | 202 |
| bta-miR-376a | -16.2 | 497 |
| bta-miR-376a | -16.2 | 464 |
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| bta-miR-376a | -11.8 | 69 |
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| bta-miR-1271 | -12.2 | 174 |
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| bta-miR-2286 | -10.8 | 287 |
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| bta-miR-2285a | -13.1 | 650 |

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| bta-miR-2285a | -12.9 | 452 |
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| bta-miR-2285a | -11.7 | 237 |
| bta-miR-2285a | -11.7 | 572 |
| bta-miR-2285a | -11.4 | 374 |
| bta-miR-2285a | -11.2 | 505 |
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| bta-miR-2290 | -23.6 | 457 |
| bta-miR-2290 | -23.5 | 184 |
| bta-miR-2290 | -23.5 | 403 |
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| bta-miR-2296 | -24.9 | 494 |

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| bta-miR-2297 | -14.2 | 620 |
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| bta-miR-2298 | -12.0 | 220 |
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| bta-miR-2299-5p | -14.5 | 583 |
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| bta-miR-2299-5p | -11.3 | 371 |
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| bta-miR-2299-5p | -11.0 | 313 |
| bta-miR-2299-5p | -10.9 | 334 |
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| bta-miR-2299-5p | -10.4 | 187 |
| bta-miR-2299-3p | -27.3 | 420 |
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| bta-miR-2300a-5p | -19.8 | 69 |
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| bta-miR-2300a-5p | -17.3 | 268 |
| bta-miR-2300a-5p | -17.1 | 598 |
| bta-miR-2300a-5p | -16.4 | 16 |
| bta-miR-2300a-5p | -15.8 | 570 |
| bta-miR-2300a-5p | -15.7 | 232 |
| bta-miR-2300a-5p | -13.9 | 101 |
| bta-miR-2300a-5p | -13.6 | 483 |
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| bta-miR-2300b-3p | -16.2 | 209 |
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| bta-miR-2300b-3p | -13.5 | 540 |
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| bta-miR-2300b-3p | -13.0 | 737 |
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| bta-miR-2300b-3p | -11.0 | 248 |
| bta-miR-2300b-3p | -11.0 | 395 |
| bta-miR-2300b-3p | -10.9 | 432 |
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| bta-miR-2284s | -22.2 | 97 |
| bta-miR-2284s | -21.4 | 596 |
| bta-miR-2284s | -21.2 | 258 |
| bta-miR-2284s | -21.1 | 4 |
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| bta-miR-2284s | -18.2 | 215 |
| bta-miR-2284s | -17.6 | 566 |

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| bta-miR-2284s | -16.5 | 622 |
| bta-miR-2284s | -16.1 | 650 |
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| bta-miR-2284s | -15.5 | 342 |
| bta-miR-2284s | -15.4 | 173 |
| bta-miR-2284s | -15.3 | 692 |
| bta-miR-2284s | -14.5 | 140 |
| bta-miR-2284s | -14.2 | 490 |
| bta-miR-2284s | -12.2 | 432 |
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| bta-miR-2302 | -14.6 | 337 |
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| bta-miR-2303 | -15.8 | 182 |
| bta-miR-2303 | -15.6 | 495 |
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| bta-miR-2303 | -11.3 | 410 |
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| bta-miR-2285d | -15.0 | 596 |
| bta-miR-2285d | -14.4 | 429 |
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| bta-miR-2285d | -13.5 | 650 |
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| bta-miR-2310 | -23.4 | 349 |
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| bta-miR-2310 | -20.0 | 453 |

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| bta-miR-2310 | -10.0 | 320 |
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| bta-miR-1603 | -16.0 | 149 |
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| bta-miR-1603 | -14.6 | 326 |
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| bta-miR-2284l | -15.7 | 557 |
| bta-miR-2284l | -15.5 | 47 |
| bta-miR-2284l | -15.5 | 418 |
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| bta-miR-2284l | -14.6 | 308 |

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| bta-miR-2284l | -14.0 | 592 |
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| bta-miR-2284l | -11.1 | 385 |
| bta-miR-2284l | -10.1 | 79 |
| bta-miR-2284l | -10.1 | 215 |
| bta-miR-2284l | -10.0 | 320 |
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| bta-miR-2489 | -16.5 | 247 |
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| bta-miR-2284j | -15.3 | 166 |
| bta-miR-2284j | -15.1 | 507 |
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| bta-miR-2284j | -14.9 | 443 |
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| bta-miR-2284j | -13.1 | 308 |
| bta-miR-2284j | -12.6 | 706 |
| bta-miR-2284j | -12.5 | 91 |
| bta-miR-2284j | -12.5 | 196 |
| bta-miR-2284j | -12.4 | 724 |
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| bta-miR-2313 | -24.2 | 88 |
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| bta-miR-2313* | -25.2 | 488 |
| bta-miR-2313* | -24.7 | 66 |
| bta-miR-2313* | -24.6 | 605 |
| bta-miR-2313* | -22.8 | 408 |
| bta-miR-2313* | -20.9 | 167 |
| bta-miR-2313* | -20.8 | 17 |
| bta-miR-2313* | -19.9 | 654 |
| bta-miR-2313* | -18.4 | 266 |
| bta-miR-2313* | -18.1 | 354 |
| bta-miR-2313* | -17.9 | 424 |
| bta-miR-2313* | -16.1 | 464 |
| bta-miR-2313* | -15.9 | 107 |
| bta-miR-2313* | -15.8 | 576 |
| bta-miR-2313* | -15.8 | 544 |
| bta-miR-2313* | -15.3 | 199 |
| bta-miR-2313* | -15.3 | 518 |
| bta-miR-2313* | -14.2 | 376 |
| bta-miR-2313* | -13.1 | 230 |
| bta-miR-2313* | -12.7 | 729 |
| bta-miR-2313* | -11.8 | 305 |
| bta-miR-2313* | -10.7 | 697 |
| bta-miR-2313* | -10.5 | 119 |
| bta-miR-2313* | -10.4 | 4 |
| bta-miR-2284t* | -18.5 | 240 |
| bta-miR-2284t* | -17.8 | 349 |
| bta-miR-2284t* | -17.7 | 506 |
| bta-miR-2284t* | -17.5 | 11 |
| bta-miR-2284t* | -17.5 | 28 |
| bta-miR-2284t* | -17.1 | 429 |

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| bta-miR-2284t* | -16.8 | 620 |
| bta-miR-2284t* | -16.2 | 405 |
| bta-miR-2284t* | -15.8 | 166 |
| bta-miR-2284t* | -14.8 | 470 |
| bta-miR-2284t* | -14.5 | 541 |
| bta-miR-2284t* | -14.1 | 261 |
| bta-miR-2284t* | -14.0 | 69 |
| bta-miR-2284t* | -13.9 | 215 |
| bta-miR-2284t* | -13.6 | 652 |
| bta-miR-2284t* | -13.3 | 273 |
| bta-miR-2284t* | -13.3 | 108 |
| bta-miR-2284t* | -12.7 | 557 |
| bta-miR-2284t* | -12.7 | 596 |
| bta-miR-2284t* | -12.2 | 581 |
| bta-miR-2284t* | -12.0 | 327 |
| bta-miR-2284t* | -11.6 | 91 |
| bta-miR-2284t* | -11.3 | 308 |
| bta-miR-2284t* | -11.1 | 47 |
| bta-miR-2284t* | -11.1 | 460 |
| bta-miR-2284t* | -10.9 | 196 |
| bta-miR-2284t* | -10.7 | 223 |
| bta-miR-2284t* | -10.7 | 442 |
| bta-miR-2284t* | -10.3 | 124 |
| bta-miR-2284t* | -10.3 | 320 |
| bta-miR-2284t* | -10.1 | 735 |
| bta-miR-2284t | -19.1 | 331 |
| bta-miR-2284t | -17.1 | 483 |
| bta-miR-2284t | -16.3 | 199 |
| bta-miR-2284t | -15.4 | 126 |
| bta-miR-2284t | -15.1 | 596 |
| bta-miR-2284t | -15.1 | 51 |
| bta-miR-2284t | -14.7 | 156 |
| bta-miR-2284t | -14.1 | 425 |
| bta-miR-2284t | -13.7 | 8 |
| bta-miR-2284t | -13.5 | 618 |
| bta-miR-2284t | -13.1 | 374 |
| bta-miR-2284t | -13.1 | 669 |
| bta-miR-2284t | -12.9 | 299 |
| bta-miR-2284t | -12.9 | 350 |
| bta-miR-2284t | -12.5 | 698 |
| bta-miR-2284t | -12.2 | 468 |
| bta-miR-2284t | -12.0 | 515 |
| bta-miR-2284t | -11.9 | 277 |
| bta-miR-2284t | -11.8 | 99 |
| bta-miR-2284t | -11.5 | 556 |
| bta-miR-2284t | -11.4 | 535 |
| bta-miR-2284t | -11.2 | 645 |
| bta-miR-2284t | -11.1 | 244 |
| bta-miR-2284t | -10.8 | 71 |
| bta-miR-2284t | -10.6 | 408 |
| bta-miR-2284t | -10.6 | 34 |
| bta-miR-2284t | -10.0 | 361 |
| bta-miR-2285b | -17.8 | 263 |
| bta-miR-2285b | -15.8 | 5 |
| bta-miR-2285b | -15.1 | 200 |
| bta-miR-2285b | -14.8 | 34 |
| bta-miR-2285b | -14.4 | 169 |
| bta-miR-2285b | -14.3 | 613 |
| bta-miR-2285b | -14.2 | 78 |

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| bta-miR-2285b | -14.0 | 704 |
| bta-miR-2285b | -13.9 | 127 |
| bta-miR-2285b | -13.8 | 237 |
| bta-miR-2285b | -13.6 | 596 |
| bta-miR-2285b | -12.8 | 652 |
| bta-miR-2285b | -12.5 | 572 |
| bta-miR-2285b | -12.5 | 384 |
| bta-miR-2285b | -12.3 | 484 |
| bta-miR-2285b | -12.2 | 539 |
| bta-miR-2285b | -12.0 | 143 |
| bta-miR-2285b | -12.0 | 449 |
| bta-miR-2285b | -11.8 | 99 |
| bta-miR-2285b | -11.4 | 468 |
| bta-miR-2285b | -11.3 | 331 |
| bta-miR-2285b | -10.8 | 431 |
| bta-miR-2285b | -10.7 | 409 |
| bta-miR-2285b | -10.3 | 16 |
| bta-miR-2314 | -22.1 | 44 |
| bta-miR-2314 | -21.4 | 252 |
| bta-miR-2314 | -20.8 | 598 |
| bta-miR-2314 | -20.6 | 4 |
| bta-miR-2314 | -20.3 | 482 |
| bta-miR-2314 | -19.9 | 410 |
| bta-miR-2314 | -18.0 | 85 |
| bta-miR-2314 | -17.4 | 645 |
| bta-miR-2314 | -16.9 | 566 |
| bta-miR-2314 | -16.5 | 198 |
| bta-miR-2314 | -16.1 | 620 |
| bta-miR-2314 | -15.9 | 165 |
| bta-miR-2314 | -15.2 | 277 |
| bta-miR-2314 | -15.2 | 449 |
| bta-miR-2314 | -15.0 | 377 |
| bta-miR-2314 | -12.8 | 140 |
| bta-miR-2314 | -11.8 | 389 |
| bta-miR-2314 | -11.6 | 344 |
| bta-miR-2314 | -11.4 | 26 |
| bta-miR-2314 | -10.9 | 544 |
| bta-miR-2314 | -10.9 | 692 |
| bta-miR-2314 | -10.5 | 516 |
| bta-miR-2314 | -10.4 | 182 |
| bta-miR-2314 | -10.3 | 222 |
| bta-miR-2315 | -22.0 | 462 |
| bta-miR-2315 | -19.5 | 91 |
| bta-miR-2315 | -18.3 | 409 |
| bta-miR-2315 | -18.1 | 164 |
| bta-miR-2315 | -18.0 | 41 |
| bta-miR-2315 | -17.6 | 232 |
| bta-miR-2315 | -16.6 | 515 |
| bta-miR-2315 | -16.1 | 376 |
| bta-miR-2315 | -16.0 | 480 |
| bta-miR-2315 | -14.6 | 205 |
| bta-miR-2315 | -14.5 | 263 |
| bta-miR-2315 | -14.5 | 572 |
| bta-miR-2315 | -14.4 | 663 |
| bta-miR-2315 | -14.0 | 127 |
| bta-miR-2315 | -13.7 | 9 |
| bta-miR-2315 | -12.7 | 622 |
| bta-miR-2315 | -12.7 | 596 |
| bta-miR-2315 | -12.4 | 546 |

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| bta-miR-2315 | -12.2 | 495 |
| bta-miR-2315 | -12.0 | 325 |
| bta-miR-2315 | -11.9 | 392 |
| bta-miR-2315 | -11.8 | 305 |
| bta-miR-2315 | -11.8 | 734 |
| bta-miR-2315 | -11.5 | 67 |
| bta-miR-2315 | -11.4 | 358 |
| bta-miR-2315 | -10.9 | 431 |
| bta-miR-2284d | -20.3 | 357 |
| bta-miR-2284d | -18.1 | 102 |
| bta-miR-2284d | -17.9 | 166 |
| bta-miR-2284d | -17.5 | 405 |
| bta-miR-2284d | -16.5 | 260 |
| bta-miR-2284d | -16.4 | 429 |
| bta-miR-2284d | -16.4 | 506 |
| bta-miR-2284d | -16.1 | 47 |
| bta-miR-2284d | -15.5 | 470 |
| bta-miR-2284d | -15.2 | 441 |
| bta-miR-2284d | -15.1 | 273 |
| bta-miR-2284d | -14.3 | 240 |
| bta-miR-2284d | -14.1 | 620 |
| bta-miR-2284d | -14.1 | 188 |
| bta-miR-2284d | -14.1 | 306 |
| bta-miR-2284d | -13.8 | 327 |
| bta-miR-2284d | -13.5 | 90 |
| bta-miR-2284d | -12.9 | 689 |
| bta-miR-2284d | -12.8 | 710 |
| bta-miR-2284d | -12.6 | 28 |
| bta-miR-2284d | -12.3 | 570 |
| bta-miR-2284d | -12.1 | 214 |
| bta-miR-2284d | -11.4 | 81 |
| bta-miR-2284d | -11.2 | 596 |
| bta-miR-2284d | -10.9 | 124 |
| bta-miR-2284d | -10.4 | 223 |
| bta-miR-2284d | -10.2 | 320 |
| bta-miR-2284d | -10.2 | 340 |
| bta-miR-2284d | -10.0 | 157 |
| bta-miR-2316 | -31.5 | 402 |
| bta-miR-2316 | -27.1 | 246 |
| bta-miR-2316 | -26.9 | 60 |
| bta-miR-2316 | -26.8 | 426 |
| bta-miR-2316 | -26.7 | 581 |
| bta-miR-2316 | -26.6 | 2 |
| bta-miR-2316 | -25.0 | 561 |
| bta-miR-2316 | -24.4 | 86 |
| bta-miR-2316 | -23.6 | 163 |
| bta-miR-2316 | -23.5 | 33 |
| bta-miR-2316 | -23.2 | 457 |
| bta-miR-2316 | -21.7 | 192 |
| bta-miR-2316 | -21.6 | 491 |
| bta-miR-2316 | -21.6 | 116 |
| bta-miR-2316 | -21.4 | 617 |
| bta-miR-2316 | -20.5 | 135 |
| bta-miR-2316 | -19.2 | 330 |
| bta-miR-2316 | -17.7 | 654 |
| bta-miR-2316 | -16.8 | 307 |
| bta-miR-2316 | -16.7 | 386 |
| bta-miR-2316 | -14.3 | 681 |
| bta-miR-2316 | -13.2 | 482 |

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| bta-miR-2316 | -12.7 | 236 |
| bta-miR-2316 | -12.7 | 740 |
| bta-miR-2316 | -11.6 | 530 |
| bta-miR-2316 | -11.3 | 451 |
| bta-miR-2316 | -10.4 | 177 |
| bta-miR-2316 | -10.0 | 21 |
| bta-miR-2317 | -18.7 | 81 |
| bta-miR-2317 | -18.7 | 7 |
| bta-miR-2317 | -18.2 | 459 |
| bta-miR-2317 | -18.1 | 277 |
| bta-miR-2317 | -18.1 | 38 |
| bta-miR-2317 | -17.2 | 616 |
| bta-miR-2317 | -16.3 | 257 |
| bta-miR-2317 | -15.9 | 597 |
| bta-miR-2317 | -15.7 | 343 |
| bta-miR-2317 | -15.1 | 658 |
| bta-miR-2317 | -15.0 | 538 |
| bta-miR-2317 | -14.9 | 217 |
| bta-miR-2317 | -14.1 | 182 |
| bta-miR-2317 | -13.5 | 423 |
| bta-miR-2317 | -12.4 | 112 |
| bta-miR-2317 | -12.4 | 374 |
| bta-miR-2317 | -12.3 | 516 |
| bta-miR-2317 | -11.5 | 575 |
| bta-miR-2317 | -10.6 | 488 |
| bta-miR-2317 | -10.4 | 395 |
| bta-miR-2317 | -10.3 | 154 |
| bta-miR-2317 | -10.3 | 144 |
| bta-miR-2317 | -10.2 | 443 |
| bta-miR-2317 | -10.1 | 740 |
| bta-miR-1343 | -36.4 | 109 |
| bta-miR-1343 | -35.3 | 426 |
| bta-miR-1343 | -33.8 | 468 |
| bta-miR-1343 | -33.4 | 163 |
| bta-miR-1343 | -32.3 | 60 |
| bta-miR-1343 | -30.8 | 5 |
| bta-miR-1343 | -27.8 | 606 |
| bta-miR-1343 | -27.6 | 259 |
| bta-miR-1343 | -25.6 | 564 |
| bta-miR-1343 | -23.8 | 307 |
| bta-miR-1343 | -23.3 | 402 |
| bta-miR-1343 | -22.9 | 363 |
| bta-miR-1343 | -22.0 | 235 |
| bta-miR-1343 | -19.8 | 503 |
| bta-miR-1343 | -18.4 | 328 |
| bta-miR-1343 | -18.0 | 139 |
| bta-miR-1343 | -17.3 | 657 |
| bta-miR-1343 | -17.2 | 199 |
| bta-miR-1343 | -17.2 | 587 |
| bta-miR-1343 | -16.1 | 695 |
| bta-miR-1343 | -15.7 | 631 |
| bta-miR-1343 | -15.3 | 738 |
| bta-miR-1343 | -15.1 | 537 |
| bta-miR-1343 | -13.3 | 519 |
| bta-miR-1343 | -11.8 | 96 |
| bta-miR-1343 | -11.3 | 38 |
| bta-miR-1343 | -10.8 | 155 |
| bta-miR-1343* | -35.9 | 614 |
| bta-miR-1343* | -29.1 | 265 |

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| bta-miR-1343* | -24.8 | 450 |
| bta-miR-1343* | -23.8 | 16 |
| bta-miR-1343* | -23.4 | 221 |
| bta-miR-1343* | -23.2 | 411 |
| bta-miR-1343* | -22.4 | 80 |
| bta-miR-1343* | -22.3 | 348 |
| bta-miR-1343* | -20.5 | 497 |
| bta-miR-1343* | -20.2 | 584 |
| bta-miR-1343* | -18.9 | 155 |
| bta-miR-1343* | -18.7 | 109 |
| bta-miR-1343* | -18.0 | 376 |
| bta-miR-1343* | -17.5 | 659 |
| bta-miR-1343* | -17.4 | 69 |
| bta-miR-1343* | -15.6 | 201 |
| bta-miR-1343* | -14.9 | 244 |
| bta-miR-1343* | -14.6 | 126 |
| bta-miR-1343* | -13.8 | 251 |
| bta-miR-1343* | -13.6 | 329 |
| bta-miR-1343* | -13.5 | 544 |
| bta-miR-1343* | -13.4 | 308 |
| bta-miR-1343* | -13.4 | 176 |
| bta-miR-1343* | -13.2 | 141 |
| bta-miR-1343* | -12.8 | 323 |
| bta-miR-1343* | -12.7 | 1 |
| bta-miR-1343* | -12.5 | 482 |
| bta-miR-1343* | -12.1 | 517 |
| bta-miR-1343* | -11.7 | 697 |
| bta-miR-1343* | -11.4 | 116 |
| bta-miR-1343* | -10.8 | 441 |
| bta-miR-1343* | -10.2 | 51 |
| bta-miR-1343* | -10.2 | 737 |
| bta-miR-2318 | -16.6 | 8 |
| bta-miR-2318 | -15.7 | 277 |
| bta-miR-2318 | -13.7 | 576 |
| bta-miR-2318 | -12.9 | 200 |
| bta-miR-2318 | -12.8 | 371 |
| bta-miR-2318 | -12.2 | 38 |
| bta-miR-2318 | -12.1 | 464 |
| bta-miR-2318 | -12.0 | 126 |
| bta-miR-2318 | -11.5 | 629 |
| bta-miR-2318 | -11.4 | 681 |
| bta-miR-2318 | -11.3 | 235 |
| bta-miR-2318 | -10.9 | 89 |
| bta-miR-2318 | -10.6 | 617 |
| bta-miR-2318 | -10.2 | 344 |
| bta-miR-2318 | -10.1 | 544 |
| bta-miR-2318 | -10.0 | 175 |
| bta-miR-2319a | -22.9 | 421 |
| bta-miR-2319a | -21.0 | 356 |
| bta-miR-2319a | -19.8 | 584 |
| bta-miR-2319a | -19.5 | 78 |
| bta-miR-2319a | -18.6 | 477 |
| bta-miR-2319a | -18.0 | 3 |
| bta-miR-2319a | -17.9 | 186 |
| bta-miR-2319a | -17.5 | 112 |
| bta-miR-2319a | -17.1 | 41 |
| bta-miR-2319a | -16.0 | 604 |
| bta-miR-2319a | -15.6 | 517 |
| bta-miR-2319a | -15.0 | 216 |

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| bta-miR-2319a | -14.3 | 394 |
| bta-miR-2319a | -14.1 | 558 |
| bta-miR-2319a | -14.0 | 621 |
| bta-miR-2319a | -13.9 | 342 |
| bta-miR-2319a | -13.8 | 240 |
| bta-miR-2319a | -13.4 | 167 |
| bta-miR-2319a | -12.4 | 650 |
| bta-miR-2319a | -12.2 | 20 |
| bta-miR-2319a | -12.0 | 307 |
| bta-miR-2319a | -11.4 | 152 |
| bta-miR-2319a | -11.2 | 271 |
| bta-miR-2319a | -11.0 | 740 |
| bta-miR-2319a | -10.6 | 379 |
| bta-miR-2319a | -10.2 | 697 |
| bta-miR-2319b | -22.7 | 421 |
| bta-miR-2319b | -20.9 | 356 |
| bta-miR-2319b | -19.8 | 584 |
| bta-miR-2319b | -19.5 | 78 |
| bta-miR-2319b | -18.6 | 477 |
| bta-miR-2319b | -17.9 | 186 |
| bta-miR-2319b | -17.9 | 3 |
| bta-miR-2319b | -17.5 | 112 |
| bta-miR-2319b | -17.1 | 41 |
| bta-miR-2319b | -15.6 | 517 |
| bta-miR-2319b | -15.3 | 619 |
| bta-miR-2319b | -14.9 | 216 |
| bta-miR-2319b | -14.1 | 558 |
| bta-miR-2319b | -13.9 | 342 |
| bta-miR-2319b | -13.6 | 267 |
| bta-miR-2319b | -13.4 | 167 |
| bta-miR-2319b | -13.0 | 606 |
| bta-miR-2319b | -12.6 | 411 |
| bta-miR-2319b | -12.4 | 650 |
| bta-miR-2319b | -12.2 | 20 |
| bta-miR-2319b | -12.0 | 307 |
| bta-miR-2319b | -11.4 | 152 |
| bta-miR-2319b | -11.3 | 240 |
| bta-miR-2319b | -11.0 | 740 |
| bta-miR-2319b | -10.6 | 379 |
| bta-miR-2319b | -10.2 | 697 |
| bta-miR-2320 | -31.6 | 408 |
| bta-miR-2320 | -29.0 | 563 |
| bta-miR-2320 | -28.4 | 364 |
| bta-miR-2320 | -27.8 | 6 |
| bta-miR-2320 | -26.0 | 92 |
| bta-miR-2320 | -25.1 | 483 |
| bta-miR-2320 | -22.9 | 606 |
| bta-miR-2320 | -22.0 | 61 |
| bta-miR-2320 | -21.2 | 436 |
| bta-miR-2320 | -21.2 | 167 |
| bta-miR-2320 | -20.7 | 237 |
| bta-miR-2320 | -19.6 | 261 |
| bta-miR-2320 | -17.8 | 517 |
| bta-miR-2320 | -17.7 | 730 |
| bta-miR-2320 | -17.6 | 126 |
| bta-miR-2320 | -17.0 | 199 |
| bta-miR-2320 | -16.4 | 342 |
| bta-miR-2320 | -16.3 | 698 |
| bta-miR-2320 | -16.1 | 653 |

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|---------------|-------|-----|
| bta-miR-2320 | -15.3 | 311 |
| bta-miR-2320 | -14.3 | 387 |
| bta-miR-2320 | -13.9 | 537 |
| bta-miR-2320 | -13.7 | 221 |
| bta-miR-2320 | -13.0 | 591 |
| bta-miR-2320 | -12.9 | 473 |
| bta-miR-2320 | -11.5 | 327 |
| bta-miR-2320 | -11.3 | 51 |
| bta-miR-2320 | -11.1 | 187 |
| bta-miR-2320 | -10.2 | 639 |
| bta-miR-2320* | -23.1 | 470 |
| bta-miR-2320* | -21.3 | 599 |
| bta-miR-2320* | -20.6 | 414 |
| bta-miR-2320* | -20.4 | 80 |
| bta-miR-2320* | -19.4 | 264 |
| bta-miR-2320* | -19.1 | 199 |
| bta-miR-2320* | -18.4 | 11 |
| bta-miR-2320* | -18.3 | 446 |
| bta-miR-2320* | -18.0 | 66 |
| bta-miR-2320* | -17.8 | 103 |
| bta-miR-2320* | -17.4 | 557 |
| bta-miR-2320* | -17.2 | 371 |
| bta-miR-2320* | -17.1 | 494 |
| bta-miR-2320* | -16.8 | 628 |
| bta-miR-2320* | -15.6 | 159 |
| bta-miR-2320* | -15.3 | 216 |
| bta-miR-2320* | -15.0 | 51 |
| bta-miR-2320* | -14.4 | 735 |
| bta-miR-2320* | -14.4 | 652 |
| bta-miR-2320* | -13.3 | 350 |
| bta-miR-2320* | -12.8 | 507 |
| bta-miR-2320* | -11.6 | 303 |
| bta-miR-2320* | -11.3 | 124 |
| bta-miR-2320* | -11.0 | 238 |
| bta-miR-2320* | -10.6 | 333 |
| bta-miR-2320* | -10.4 | 622 |
| bta-miR-2284n | -15.1 | 405 |
| bta-miR-2284n | -15.0 | 240 |
| bta-miR-2284n | -15.0 | 506 |
| bta-miR-2284n | -14.5 | 108 |
| bta-miR-2284n | -14.5 | 166 |
| bta-miR-2284n | -14.4 | 620 |
| bta-miR-2284n | -14.2 | 366 |
| bta-miR-2284n | -14.0 | 273 |
| bta-miR-2284n | -13.6 | 338 |
| bta-miR-2284n | -13.6 | 47 |
| bta-miR-2284n | -13.4 | 724 |
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| bta-miR-2284n | -12.8 | 308 |
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| bta-miR-2284n | -12.5 | 596 |
| bta-miR-2284n | -12.4 | 28 |
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| bta-miR-2284n | -10.7 | 91 |
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| bta-miR-2284n | -10.6 | 574 |
| bta-miR-2284n | -10.5 | 490 |

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| bta-miR-2284n | -10.3 | 327 |
| bta-miR-2284n | -10.2 | 215 |
| bta-miR-2284g | -18.2 | 11 |
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| bta-miR-2284g | -17.9 | 414 |
| bta-miR-2284g | -17.6 | 166 |
| bta-miR-2284g | -17.0 | 47 |
| bta-miR-2284g | -16.3 | 620 |
| bta-miR-2284g | -15.9 | 220 |
| bta-miR-2284g | -15.4 | 102 |
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| bta-miR-2284g | -15.0 | 196 |
| bta-miR-2284g | -15.0 | 265 |
| bta-miR-2284g | -14.9 | 83 |
| bta-miR-2284g | -14.4 | 308 |
| bta-miR-2284g | -14.3 | 586 |
| bta-miR-2284g | -14.0 | 239 |
| bta-miR-2284g | -14.0 | 124 |
| bta-miR-2284g | -13.8 | 563 |
| bta-miR-2284g | -13.3 | 405 |
| bta-miR-2284g | -12.8 | 361 |
| bta-miR-2284g | -12.6 | 604 |
| bta-miR-2284g | -12.6 | 338 |
| bta-miR-2284g | -12.4 | 178 |
| bta-miR-2284g | -12.3 | 496 |
| bta-miR-2284g | -11.8 | 735 |
| bta-miR-2284g | -11.7 | 153 |
| bta-miR-2284g | -11.6 | 434 |
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| bta-miR-2284g | -11.2 | 279 |
| bta-miR-2284g | -10.9 | 663 |
| bta-miR-2284g | -10.2 | 36 |
| bta-miR-2284g | -10.0 | 698 |
| bta-miR-2321 | -18.9 | 351 |
| bta-miR-2321 | -18.5 | 171 |
| bta-miR-2321 | -18.0 | 449 |
| bta-miR-2321 | -18.0 | 558 |
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| bta-miR-2321 | -17.3 | 114 |
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| bta-miR-2321 | -15.4 | 505 |
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| bta-miR-2321 | -15.2 | 471 |
| bta-miR-2321 | -15.0 | 332 |
| bta-miR-2321 | -14.2 | 149 |
| bta-miR-2321 | -14.0 | 228 |
| bta-miR-2321 | -13.9 | 603 |
| bta-miR-2321 | -13.7 | 419 |
| bta-miR-2321 | -13.2 | 79 |
| bta-miR-2321 | -13.0 | 164 |
| bta-miR-2321 | -12.9 | 312 |
| bta-miR-2321 | -12.9 | 651 |
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| bta-miR-2321 | -11.5 | 698 |

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| bta-miR-1721 | -17.6 | 476 |
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| bta-miR-1721 | -15.1 | 9 |
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| bta-miR-1721 | -14.3 | 396 |
| bta-miR-1721 | -13.9 | 262 |
| bta-miR-1721 | -13.6 | 345 |
| bta-miR-1721 | -13.4 | 654 |
| bta-miR-1721 | -13.4 | 692 |
| bta-miR-1721 | -12.7 | 597 |
| bta-miR-1721 | -12.5 | 232 |
| bta-miR-1721 | -12.1 | 177 |
| bta-miR-1721 | -12.0 | 310 |
| bta-miR-1721 | -12.0 | 533 |
| bta-miR-1721 | -11.5 | 67 |
| bta-miR-1721 | -10.9 | 450 |
| bta-miR-2322 | -22.1 | 614 |
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| bta-miR-2322 | -20.6 | 412 |
| bta-miR-2322 | -20.0 | 478 |
| bta-miR-2322 | -20.0 | 266 |
| bta-miR-2322 | -18.8 | 438 |
| bta-miR-2322 | -18.1 | 217 |
| bta-miR-2322 | -18.0 | 355 |
| bta-miR-2322 | -17.4 | 69 |
| bta-miR-2322 | -16.4 | 174 |
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| bta-miR-2322 | -15.9 | 26 |
| bta-miR-2322 | -15.9 | 11 |
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| bta-miR-2322 | -14.2 | 113 |
| bta-miR-2322 | -12.8 | 569 |
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| bta-miR-2322 | -10.1 | 57 |
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| bta-miR-2322* | -24.2 | 69 |
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| bta-miR-2322* | -20.5 | 414 |
| bta-miR-2322* | -20.1 | 348 |
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| bta-miR-2322* | -19.1 | 153 |
| bta-miR-2322* | -17.8 | 280 |
| bta-miR-2322* | -17.7 | 38 |
| bta-miR-2322* | -17.6 | 620 |
| bta-miR-2322* | -17.5 | 114 |
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| bta-miR-2322* | -16.5 | 479 |
| bta-miR-2322* | -16.0 | 507 |

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| bta-miR-2322* | -16.0 | 389 |
| bta-miR-2322* | -15.1 | 464 |
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| bta-miR-2322* | -14.0 | 253 |
| bta-miR-2322* | -13.6 | 698 |
| bta-miR-2322* | -12.6 | 143 |
| bta-miR-2322* | -12.5 | 97 |
| bta-miR-2322* | -12.3 | 735 |
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| bta-miR-2322* | -11.1 | 527 |
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| bta-miR-2322* | -10.5 | 650 |
| bta-miR-2322* | -10.4 | 372 |
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| bta-miR-2323 | -14.3 | 376 |
| bta-miR-2323 | -13.2 | 165 |
| bta-miR-2323 | -13.0 | 344 |
| bta-miR-2323 | -12.4 | 235 |
| bta-miR-2323 | -12.2 | 107 |
| bta-miR-2323 | -11.9 | 520 |
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| bta-miR-2323 | -11.2 | 358 |
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| bta-miR-2324 | -27.9 | 155 |
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| bta-miR-2324 | -24.8 | 376 |
| bta-miR-2324 | -24.2 | 559 |
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| bta-miR-2324 | -18.0 | 265 |
| bta-miR-2324 | -17.8 | 511 |
| bta-miR-2324 | -16.4 | 114 |

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| bta-miR-2324 | -14.3 | 401 |
| bta-miR-2324 | -14.3 | 737 |
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| bta-miR-2324 | -10.1 | 67 |
| bta-miR-2324 | -10.1 | 337 |
| bta-miR-2325a | -18.3 | 348 |
| bta-miR-2325a | -16.6 | 451 |
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| bta-miR-2325a | -16.4 | 479 |
| bta-miR-2325a | -16.3 | 166 |
| bta-miR-2325a | -15.4 | 223 |
| bta-miR-2325a | -15.0 | 327 |
| bta-miR-2325a | -14.5 | 405 |
| bta-miR-2325a | -14.1 | 268 |
| bta-miR-2325a | -13.8 | 142 |
| bta-miR-2325a | -13.7 | 506 |
| bta-miR-2325a | -13.4 | 188 |
| bta-miR-2325a | -13.4 | 28 |
| bta-miR-2325a | -12.9 | 47 |
| bta-miR-2325a | -12.3 | 592 |
| bta-miR-2325a | -11.8 | 650 |
| bta-miR-2325a | -11.6 | 429 |
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| bta-miR-2325a | -10.9 | 308 |
| bta-miR-2325a | -10.7 | 620 |
| bta-miR-2325a | -10.3 | 135 |
| bta-miR-2325a | -10.0 | 320 |
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| bta-miR-2326 | -23.3 | 409 |
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| bta-miR-2326 | -21.8 | 466 |
| bta-miR-2326 | -20.5 | 491 |
| bta-miR-2326 | -18.6 | 236 |
| bta-miR-2326 | -18.3 | 620 |
| bta-miR-2326 | -18.1 | 164 |
| bta-miR-2326 | -16.5 | 209 |
| bta-miR-2326 | -16.1 | 98 |
| bta-miR-2326 | -14.6 | 5 |
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| bta-miR-2326 | -10.5 | 567 |
| bta-miR-2326 | -10.4 | 316 |
| bta-miR-2326 | -10.2 | 390 |
| bta-miR-2326 | -10.1 | 90 |
| bta-miR-2327 | -33.2 | 408 |

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| bta-miR-2327 | -27.6 | 229 |
| bta-miR-2327 | -25.5 | 515 |
| bta-miR-2327 | -24.2 | 654 |
| bta-miR-2327 | -23.6 | 81 |
| bta-miR-2327 | -23.1 | 344 |
| bta-miR-2327 | -22.6 | 381 |
| bta-miR-2327 | -22.6 | 544 |
| bta-miR-2327 | -22.0 | 119 |
| bta-miR-2327 | -21.4 | 277 |
| bta-miR-2327 | -20.7 | 483 |
| bta-miR-2327 | -20.2 | 164 |
| bta-miR-2327 | -20.1 | 454 |
| bta-miR-2327 | -20.1 | 618 |
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| bta-miR-2327 | -17.8 | 581 |
| bta-miR-2327 | -16.0 | 328 |
| bta-miR-2327 | -16.0 | 199 |
| bta-miR-2327 | -15.6 | 257 |
| bta-miR-2327 | -13.8 | 698 |
| bta-miR-2327 | -13.1 | 66 |
| bta-miR-2327 | -12.5 | 730 |
| bta-miR-2327 | -12.4 | 263 |
| bta-miR-2327 | -11.9 | 433 |
| bta-miR-2327 | -11.8 | 603 |
| bta-miR-2328 | -36.9 | 596 |
| bta-miR-2328 | -29.9 | 40 |
| bta-miR-2328 | -29.7 | 462 |
| bta-miR-2328 | -26.4 | 424 |
| bta-miR-2328 | -22.6 | 402 |
| bta-miR-2328 | -21.9 | 155 |
| bta-miR-2328 | -21.8 | 564 |
| bta-miR-2328 | -19.2 | 17 |
| bta-miR-2328 | -18.8 | 257 |
| bta-miR-2328 | -16.7 | 92 |
| bta-miR-2328 | -16.6 | 632 |
| bta-miR-2328 | -16.6 | 495 |
| bta-miR-2328 | -16.1 | 220 |
| bta-miR-2328 | -15.6 | 363 |
| bta-miR-2328 | -14.5 | 740 |
| bta-miR-2328 | -13.8 | 185 |
| bta-miR-2328 | -11.4 | 30 |
| bta-miR-2328 | -11.4 | 342 |
| bta-miR-2328 | -10.7 | 117 |
| bta-miR-2328 | -10.7 | 235 |
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| bta-miR-2328 | -10.1 | 12 |
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| bta-miR-2328* | -30.4 | 395 |
| bta-miR-2328* | -29.5 | 155 |
| bta-miR-2328* | -28.2 | 576 |
| bta-miR-2328* | -27.8 | 134 |
| bta-miR-2328* | -26.3 | 356 |
| bta-miR-2328* | -26.1 | 464 |
| bta-miR-2328* | -25.0 | 85 |
| bta-miR-2328* | -24.9 | 115 |
| bta-miR-2328* | -24.9 | 424 |
| bta-miR-2328* | -24.7 | 321 |
| bta-miR-2328* | -24.5 | 185 |

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| bta-miR-2328* | -23.1 | 204 |
| bta-miR-2328* | -21.8 | 507 |
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| bta-miR-2328* | -18.0 | 709 |
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| bta-miR-2328* | -16.4 | 488 |
| bta-miR-2328* | -15.9 | 271 |
| bta-miR-2328* | -15.3 | 308 |
| bta-miR-2328* | -14.9 | 669 |
| bta-miR-2328* | -13.3 | 109 |
| bta-miR-2328* | -13.1 | 72 |
| bta-miR-2328* | -12.6 | 741 |
| bta-miR-2328* | -12.3 | 691 |
| bta-miR-2328* | -11.8 | 378 |
| bta-miR-2328* | -11.6 | 284 |
| bta-miR-2328* | -11.5 | 657 |
| bta-miR-2328* | -11.4 | 342 |
| bta-miR-2328* | -11.2 | 610 |
| bta-miR-2328* | -10.9 | 419 |
| bta-miR-2328* | -10.5 | 543 |
| bta-miR-2328* | -10.1 | 236 |
| bta-miR-2328* | -10.0 | 447 |
| bta-miR-2329-3p | -20.2 | 182 |
| bta-miR-2329-3p | -18.9 | 457 |
| bta-miR-2329-3p | -18.7 | 43 |
| bta-miR-2329-3p | -17.5 | 86 |
| bta-miR-2329-3p | -17.1 | 113 |
| bta-miR-2329-3p | -16.2 | 549 |
| bta-miR-2329-3p | -16.0 | 369 |
| bta-miR-2329-3p | -16.0 | 263 |
| bta-miR-2329-3p | -15.7 | 7 |
| bta-miR-2329-3p | -15.4 | 420 |
| bta-miR-2329-3p | -15.1 | 205 |
| bta-miR-2329-3p | -15.1 | 490 |
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| bta-miR-2329-3p | -14.1 | 165 |
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| bta-miR-2329-3p | -12.7 | 642 |
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| bta-miR-2329-3p | -11.8 | 25 |
| bta-miR-2329-3p | -11.1 | 737 |
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| bta-miR-2329-3p | -10.4 | 72 |
| bta-miR-2329-3p | -10.4 | 407 |
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| bta-miR-2329-3p | -10.1 | 156 |
| bta-miR-2329-3p | -10.1 | 520 |
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| bta-miR-2329-5p | -20.8 | 412 |
| bta-miR-2329-5p | -19.3 | 567 |

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| bta-miR-2329-5p | -15.6 | 5 |
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| bta-miR-2329-5p | -14.9 | 263 |
| bta-miR-2329-5p | -14.9 | 359 |
| bta-miR-2329-5p | -14.7 | 448 |
| bta-miR-2329-5p | -13.3 | 178 |
| bta-miR-2329-5p | -13.3 | 217 |
| bta-miR-2329-5p | -13.2 | 476 |
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| bta-miR-2329-5p | -11.7 | 204 |
| bta-miR-2329-5p | -11.7 | 386 |
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| bta-miR-2329-5p | -10.7 | 730 |
| bta-miR-2329-5p | -10.7 | 497 |
| bta-miR-2329-5p | -10.6 | 242 |
| bta-miR-2329-5p | -10.6 | 559 |
| bta-miR-2329-5p | -10.4 | 633 |
| bta-miR-2330 | -34.8 | 107 |
| bta-miR-2330 | -29.6 | 462 |
| bta-miR-2330 | -27.5 | 67 |
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| bta-miR-2330 | -20.4 | 376 |
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| bta-miR-2330* | -19.3 | 263 |
| bta-miR-2330* | -19.0 | 624 |

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| bta-miR-2330* | -18.8 | 405 |
| bta-miR-2330* | -18.8 | 479 |
| bta-miR-2330* | -17.3 | 106 |
| bta-miR-2330* | -16.0 | 167 |
| bta-miR-2330* | -15.8 | 206 |
| bta-miR-2330* | -14.5 | 576 |
| bta-miR-2330* | -14.4 | 229 |
| bta-miR-2330* | -13.6 | 94 |
| bta-miR-2330* | -13.3 | 126 |
| bta-miR-2330* | -12.6 | 155 |
| bta-miR-2330* | -12.5 | 359 |
| bta-miR-2330* | -12.0 | 116 |
| bta-miR-2330* | -11.7 | 560 |
| bta-miR-2330* | -11.5 | 30 |
| bta-miR-2330* | -11.4 | 85 |
| bta-miR-2330* | -11.0 | 661 |
| bta-miR-2330* | -10.6 | 738 |
| bta-miR-2330* | -10.5 | 51 |
| bta-miR-2330* | -10.5 | 698 |
| bta-miR-2330* | -10.3 | 457 |
| bta-miR-2331 | -33.2 | 1 |
| bta-miR-2331 | -27.6 | 407 |
| bta-miR-2331 | -27.3 | 604 |
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| bta-miR-2331 | -27.0 | 488 |
| bta-miR-2331 | -22.9 | 454 |
| bta-miR-2331 | -22.1 | 94 |
| bta-miR-2331 | -20.9 | 203 |
| bta-miR-2331 | -20.8 | 371 |
| bta-miR-2331 | -20.4 | 563 |
| bta-miR-2331 | -19.8 | 635 |
| bta-miR-2331 | -19.4 | 263 |
| bta-miR-2331 | -18.6 | 149 |
| bta-miR-2331 | -18.6 | 343 |
| bta-miR-2331 | -18.2 | 39 |
| bta-miR-2331 | -16.4 | 172 |
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| bta-miR-2331 | -13.5 | 291 |
| bta-miR-2331 | -13.4 | 737 |
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| bta-miR-2331 | -10.4 | 519 |
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| bta-miR-2331* | -25.4 | 472 |
| bta-miR-2331* | -24.0 | 393 |
| bta-miR-2331* | -22.6 | 58 |
| bta-miR-2331* | -22.1 | 72 |
| bta-miR-2331* | -22.0 | 586 |
| bta-miR-2331* | -20.8 | 617 |
| bta-miR-2331* | -19.6 | 108 |
| bta-miR-2331* | -18.4 | 5 |
| bta-miR-2331* | -17.7 | 282 |
| bta-miR-2331* | -17.5 | 155 |
| bta-miR-2331* | -16.8 | 653 |
| bta-miR-2331* | -16.4 | 425 |

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| bta-miR-2331* | -15.3 | 551 |
| bta-miR-2331* | -15.1 | 243 |
| bta-miR-2331* | -15.0 | 205 |
| bta-miR-2331* | -14.7 | 183 |
| bta-miR-2331* | -13.7 | 29 |
| bta-miR-2331* | -13.7 | 691 |
| bta-miR-2331* | -13.4 | 456 |
| bta-miR-2331* | -13.2 | 517 |
| bta-miR-2331* | -13.2 | 637 |
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| bta-miR-2332 | -18.5 | 359 |
| bta-miR-2332 | -17.5 | 257 |
| bta-miR-2332 | -16.9 | 513 |
| bta-miR-2332 | -16.8 | 291 |
| bta-miR-2332 | -16.8 | 412 |
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| bta-miR-2332 | -15.1 | 331 |
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| bta-miR-2332 | -10.6 | 537 |
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| bta-miR-2333 | -26.5 | 109 |
| bta-miR-2333 | -25.0 | 71 |
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| bta-miR-2333 | -23.1 | 414 |
| bta-miR-2333 | -22.8 | 368 |
| bta-miR-2333 | -21.6 | 269 |
| bta-miR-2333 | -19.3 | 499 |
| bta-miR-2333 | -17.9 | 563 |
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| bta-miR-2333 | -17.7 | 220 |
| bta-miR-2333 | -17.6 | 167 |

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| bta-miR-2333 | -16.3 | 596 |
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| bta-miR-2333 | -14.2 | 663 |
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| bta-miR-2334 | -17.3 | 377 |
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| bta-miR-2335 | -10.0 | 613 |
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| bta-miR-2336 | -13.9 | 517 |
| bta-miR-2336 | -13.7 | 166 |
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| bta-miR-2336 | -11.0 | 243 |
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| bta-miR-2336 | -10.2 | 343 |
| bta-miR-2337 | -22.4 | 443 |
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| bta-miR-2337 | -15.9 | 470 |
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| bta-miR-2337 | -15.3 | 113 |
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| bta-miR-2337 | -14.0 | 405 |
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| bta-miR-2337 | -11.2 | 313 |
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| bta-miR-2337 | -10.2 | 663 |
| bta-miR-2337 | -10.1 | 129 |
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| bta-miR-199c | -18.3 | 572 |
| bta-miR-199c | -18.0 | 618 |
| bta-miR-199c | -17.3 | 7 |
| bta-miR-199c | -16.9 | 92 |
| bta-miR-199c | -16.5 | 263 |
| bta-miR-199c | -16.0 | 199 |
| bta-miR-199c | -16.0 | 655 |

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| bta-miR-199c | -15.3 | 69 |
| bta-miR-199c | -15.0 | 632 |
| bta-miR-199c | -14.8 | 109 |
| bta-miR-199c | -14.6 | 123 |
| bta-miR-199c | -14.4 | 484 |
| bta-miR-199c | -13.7 | 185 |
| bta-miR-199c | -13.4 | 728 |
| bta-miR-199c | -13.3 | 229 |
| bta-miR-199c | -13.1 | 143 |
| bta-miR-199c | -12.5 | 462 |
| bta-miR-199c | -11.8 | 606 |
| bta-miR-199c | -11.5 | 342 |
| bta-miR-199c | -10.7 | 697 |
| bta-miR-199c | -10.5 | 164 |
| bta-miR-2338 | -33.3 | 24 |
| bta-miR-2338 | -31.7 | 235 |
| bta-miR-2338 | -28.6 | 107 |
| bta-miR-2338 | -27.9 | 388 |
| bta-miR-2338 | -26.2 | 463 |
| bta-miR-2338 | -25.8 | 415 |
| bta-miR-2338 | -25.4 | 565 |
| bta-miR-2338 | -25.2 | 165 |
| bta-miR-2338 | -22.5 | 69 |
| bta-miR-2338 | -22.2 | 353 |
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| bta-miR-2338 | -18.6 | 282 |
| bta-miR-2338 | -17.0 | 653 |
| bta-miR-2338 | -16.2 | 319 |
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| bta-miR-2338 | -15.0 | 678 |
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| bta-miR-2339 | -16.8 | 520 |

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| bta-miR-2339 | -14.4 | 361 |
| bta-miR-2339 | -14.4 | 29 |
| bta-miR-2339 | -14.3 | 694 |
| bta-miR-2339 | -13.7 | 539 |
| bta-miR-2339 | -13.0 | 586 |
| bta-miR-2339 | -12.6 | 282 |
| bta-miR-2339 | -11.7 | 403 |
| bta-miR-2339 | -11.6 | 742 |
| bta-miR-2339 | -11.3 | 308 |
| bta-miR-2339 | -11.1 | 435 |
| bta-miR-2339 | -10.5 | 641 |
| bta-miR-2339 | -10.0 | 154 |
| bta-miR-1814a | -21.9 | 227 |
| bta-miR-1814a | -19.3 | 469 |
| bta-miR-1814a | -18.2 | 333 |
| bta-miR-1814a | -17.4 | 557 |
| bta-miR-1814a | -16.5 | 405 |
| bta-miR-1814a | -15.8 | 103 |
| bta-miR-1814a | -15.8 | 494 |
| bta-miR-1814a | -15.2 | 268 |
| bta-miR-1814a | -14.8 | 188 |
| bta-miR-1814a | -14.4 | 441 |
| bta-miR-1814a | -14.4 | 122 |
| bta-miR-1814a | -14.2 | 355 |
| bta-miR-1814a | -14.2 | 151 |
| bta-miR-1814a | -13.9 | 589 |
| bta-miR-1814a | -13.8 | 22 |
| bta-miR-1814a | -12.6 | 726 |
| bta-miR-1814a | -12.4 | 301 |
| bta-miR-1814a | -12.0 | 371 |
| bta-miR-1814a | -11.6 | 616 |
| bta-miR-1814a | -11.6 | 65 |
| bta-miR-1814a | -11.6 | 652 |
| bta-miR-1814a | -11.5 | 171 |
| bta-miR-1814a | -10.4 | 573 |
| bta-miR-2340 | -25.4 | 67 |
| bta-miR-2340 | -25.1 | 150 |
| bta-miR-2340 | -25.0 | 597 |
| bta-miR-2340 | -24.9 | 420 |
| bta-miR-2340 | -24.0 | 477 |
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| bta-miR-2340 | -15.0 | 405 |
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| bta-miR-2340 | -14.6 | 94 |
| bta-miR-2340 | -14.3 | 698 |
| bta-miR-2340 | -14.2 | 4 |
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| bta-miR-2340 | -13.0 | 129 |

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| bta-miR-2340 | -11.7 | 614 |
| bta-miR-2340 | -11.2 | 185 |
| bta-miR-2340 | -10.5 | 520 |
| bta-miR-2341 | -22.5 | 107 |
| bta-miR-2341 | -21.5 | 561 |
| bta-miR-2341 | -21.0 | 393 |
| bta-miR-2341 | -19.4 | 277 |
| bta-miR-2341 | -19.4 | 456 |
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| bta-miR-2341 | -17.0 | 72 |
| bta-miR-2341 | -16.5 | 632 |
| bta-miR-2341 | -16.3 | 165 |
| bta-miR-2341 | -15.7 | 669 |
| bta-miR-2341 | -15.5 | 50 |
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| bta-miR-2341 | -14.9 | 361 |
| bta-miR-2341 | -14.5 | 9 |
| bta-miR-2341 | -14.4 | 125 |
| bta-miR-2341 | -14.3 | 243 |
| bta-miR-2341 | -13.9 | 482 |
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| bta-miR-2341 | -13.2 | 198 |
| bta-miR-2341 | -12.2 | 539 |
| bta-miR-2341 | -10.9 | 29 |
| bta-miR-2341 | -10.7 | 495 |
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| bta-miR-2341 | -10.2 | 623 |
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| bta-miR-2342 | -26.9 | 51 |
| bta-miR-2342 | -25.1 | 479 |
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| bta-miR-2342 | -22.3 | 204 |
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| bta-miR-2342 | -14.1 | 464 |
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| bta-miR-2343 | -22.3 | 389 |
| bta-miR-2343 | -20.4 | 411 |
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| bta-miR-2343 | -19.1 | 78 |
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| bta-miR-2344 | -15.3 | 663 |
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| bta-miR-2344 | -11.0 | 211 |
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| bta-miR-2345 | -14.9 | 352 |
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| bta-miR-2350 | -21.3 | 174 |
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| bta-miR-2350 | -20.3 | 403 |
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| bta-miR-2351 | -11.7 | 197 |
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| bta-miR-2352 | -19.9 | 205 |
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| bta-miR-2355* | -12.2 | 164 |
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| bta-miR-2284u | -14.6 | 47 |
| bta-miR-2284u | -14.4 | 177 |
| bta-miR-2284u | -14.3 | 608 |
| bta-miR-2284u | -14.2 | 735 |
| bta-miR-2284u | -13.7 | 506 |
| bta-miR-2284u | -13.5 | 80 |
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| bta-miR-2284u | -12.6 | 308 |

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| bta-miR-2358 | -13.7 | 533 |
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| bta-miR-2358 | -12.9 | 480 |
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| bta-miR-2360 | -26.9 | 380 |
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| bta-miR-2365 | -15.7 | 347 |
| bta-miR-2365 | -15.3 | 266 |
| bta-miR-2365 | -15.2 | 479 |
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| bta-miR-2366 | -19.9 | 164 |
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| bta-miR-2366 | -10.3 | 351 |
| bta-miR-2366 | -10.2 | 386 |
| bta-miR-2284f | -16.7 | 443 |
| bta-miR-2284f | -15.1 | 173 |
| bta-miR-2284f | -14.9 | 232 |
| bta-miR-2284f | -13.9 | 258 |
| bta-miR-2284f | -13.7 | 60 |
| bta-miR-2284f | -13.6 | 97 |
| bta-miR-2284f | -13.4 | 416 |
| bta-miR-2284f | -13.4 | 596 |
| bta-miR-2284f | -13.0 | 14 |
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| bta-miR-2284f | -12.7 | 620 |
| bta-miR-2284f | -12.6 | 338 |
| bta-miR-2284f | -12.3 | 460 |
| bta-miR-2284f | -12.1 | 215 |
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| bta-miR-2284f | -11.5 | 77 |
| bta-miR-2284f | -11.1 | 309 |
| bta-miR-2284f | -11.0 | 566 |
| bta-miR-2284f | -11.0 | 689 |
| bta-miR-2284f | -10.9 | 202 |
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| bta-miR-2284a | -17.6 | 470 |
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| bta-miR-2284a | -15.0 | 188 |
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| bta-miR-2284a | -14.0 | 129 |
| bta-miR-2284a | -14.0 | 620 |
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| bta-miR-2284a | -11.4 | 81 |
| bta-miR-2284a | -11.2 | 574 |
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| bta-miR-2284a | -10.1 | 223 |

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| bta-miR-2284k | -22.8 | 405 |
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| bta-miR-2284k | -16.4 | 102 |
| bta-miR-2284k | -16.4 | 423 |
| bta-miR-2284k | -15.7 | 567 |
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| bta-miR-2284k | -13.4 | 83 |
| bta-miR-2284k | -13.2 | 338 |
| bta-miR-2284k | -13.0 | 323 |
| bta-miR-2284k | -12.7 | 652 |
| bta-miR-2284k | -12.2 | 173 |
| bta-miR-2284k | -12.2 | 222 |
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| bta-miR-1814b | -12.1 | 603 |
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| bta-miR-2367 | -18.0 | 215 |
| bta-miR-2367 | -17.1 | 262 |
| bta-miR-2367 | -16.3 | 92 |
| bta-miR-2367 | -15.1 | 155 |
| bta-miR-2367 | -14.8 | 450 |
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| bta-miR-2367 | -12.5 | 541 |
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| bta-miR-2367* | -17.2 | 356 |
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| bta-miR-2367* | -16.5 | 261 |
| bta-miR-2367* | -16.0 | 552 |
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| bta-miR-2367* | -14.5 | 421 |
| bta-miR-2367* | -14.0 | 236 |
| bta-miR-2367* | -14.0 | 680 |
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| bta-miR-2367* | -13.0 | 81 |
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| bta-miR-2367* | -12.4 | 740 |
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| bta-miR-2367* | -11.6 | 191 |
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| bta-miR-2367* | -10.5 | 126 |
| bta-miR-2367* | -10.2 | 249 |
| bta-miR-2367* | -10.2 | 566 |
| bta-miR-2368 | -28.0 | 410 |
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| bta-miR-2368 | -23.4 | 100 |
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| bta-miR-2368 | -16.9 | 264 |
| bta-miR-2368 | -16.7 | 481 |
| bta-miR-2368 | -16.4 | 165 |
| bta-miR-2368 | -16.4 | 323 |
| bta-miR-2368 | -14.9 | 653 |
| bta-miR-2368 | -14.8 | 376 |
| bta-miR-2368 | -14.7 | 739 |
| bta-miR-2368 | -14.6 | 278 |
| bta-miR-2368 | -14.5 | 705 |
| bta-miR-2368 | -13.7 | 515 |
| bta-miR-2368 | -10.8 | 607 |
| bta-miR-2368 | -10.7 | 442 |
| bta-miR-2368 | -10.4 | 139 |
| bta-miR-2368 | -10.4 | 338 |
| bta-miR-2368* | -24.8 | 605 |
| bta-miR-2368* | -22.0 | 66 |
| bta-miR-2368* | -21.5 | 12 |
| bta-miR-2368* | -20.4 | 494 |
| bta-miR-2368* | -19.8 | 414 |
| bta-miR-2368* | -19.8 | 448 |
| bta-miR-2368* | -19.1 | 172 |
| bta-miR-2368* | -18.5 | 654 |
| bta-miR-2368* | -18.1 | 199 |
| bta-miR-2368* | -17.5 | 555 |
| bta-miR-2368* | -16.0 | 349 |
| bta-miR-2368* | -15.3 | 264 |
| bta-miR-2368* | -14.3 | 107 |
| bta-miR-2368* | -14.3 | 630 |
| bta-miR-2368* | -13.1 | 228 |
| bta-miR-2368* | -12.6 | 376 |
| bta-miR-2368* | -12.2 | 37 |
| bta-miR-2368* | -11.4 | 737 |
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| bta-miR-2369 | -19.8 | 405 |
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| bta-miR-2369 | -17.5 | 46 |
| bta-miR-2369 | -17.4 | 154 |
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| bta-miR-2369 | -16.8 | 124 |
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| bta-miR-2369 | -16.1 | 470 |
| bta-miR-2369 | -16.0 | 240 |

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| bta-miR-2369 | -13.3 | 448 |
| bta-miR-2369 | -13.3 | 514 |
| bta-miR-2369 | -13.3 | 616 |
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| bta-miR-2369 | -12.5 | 69 |
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| bta-miR-2369 | -11.7 | 695 |
| bta-miR-2369 | -11.3 | 6 |
| bta-miR-2369 | -11.0 | 145 |
| bta-miR-2369 | -10.6 | 338 |
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| bta-miR-2370 | -18.5 | 669 |
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| bta-miR-2370 | -14.3 | 482 |
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| bta-miR-2370* | -15.0 | 478 |
| bta-miR-2370* | -14.5 | 413 |
| bta-miR-2370* | -14.0 | 366 |
| bta-miR-2370* | -13.7 | 11 |
| bta-miR-2370* | -13.7 | 570 |
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| bta-miR-2371 | -16.3 | 470 |
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| bta-miR-2371 | -12.0 | 453 |
| bta-miR-2371 | -11.5 | 28 |
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| bta-miR-2371 | -11.2 | 325 |
| bta-miR-2371 | -11.2 | 620 |
| bta-miR-2371 | -10.9 | 273 |
| bta-miR-2371 | -10.9 | 232 |
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| bta-miR-2371 | -10.6 | 108 |
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| bta-miR-2371 | -10.0 | 215 |
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| bta-miR-2372 | -18.8 | 514 |
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| bta-miR-2372 | -16.0 | 424 |
| bta-miR-2372 | -16.0 | 162 |
| bta-miR-2372 | -16.0 | 569 |
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| bta-miR-2372 | -14.5 | 185 |
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| bta-miR-2372 | -14.0 | 711 |
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| bta-miR-2372 | -13.5 | 12 |
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| bta-miR-2372 | -12.2 | 324 |
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| bta-miR-2372 | -10.2 | 413 |
| bta-miR-2372 | -10.2 | 650 |

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| bta-miR-2373 | -29.4 | 359 |
| bta-miR-2373 | -27.0 | 596 |
| bta-miR-2373 | -26.9 | 403 |
| bta-miR-2373 | -25.9 | 163 |
| bta-miR-2373 | -24.9 | 462 |
| bta-miR-2373 | -23.3 | 242 |
| bta-miR-2373 | -23.2 | 622 |
| bta-miR-2373 | -22.5 | 81 |
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| bta-miR-2373 | -15.1 | 185 |
| bta-miR-2373 | -14.2 | 325 |
| bta-miR-2373 | -14.2 | 738 |
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| bta-miR-2373* | -16.6 | 424 |
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| bta-miR-2373* | -16.3 | 551 |
| bta-miR-2373* | -16.2 | 310 |
| bta-miR-2373* | -15.5 | 39 |
| bta-miR-2373* | -14.9 | 185 |
| bta-miR-2373* | -14.1 | 374 |
| bta-miR-2373* | -14.0 | 489 |
| bta-miR-2373* | -13.7 | 691 |
| bta-miR-2373* | -13.5 | 283 |

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| bta-miR-2373* | -13.2 | 717 |
| bta-miR-2373* | -12.4 | 136 |
| bta-miR-2373* | -11.5 | 537 |
| bta-miR-2373* | -11.5 | 677 |
| bta-miR-2373* | -11.5 | 668 |
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| bta-miR-2374 | -34.0 | 120 |
| bta-miR-2374 | -28.4 | 395 |
| bta-miR-2374 | -28.0 | 561 |
| bta-miR-2374 | -27.8 | 156 |
| bta-miR-2374 | -27.6 | 91 |
| bta-miR-2374 | -26.0 | 245 |
| bta-miR-2374 | -25.7 | 461 |
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| bta-miR-2374 | -23.5 | 413 |
| bta-miR-2374 | -21.0 | 491 |
| bta-miR-2374 | -20.4 | 185 |
| bta-miR-2374 | -20.4 | 342 |
| bta-miR-2374 | -19.2 | 51 |
| bta-miR-2374 | -19.1 | 283 |
| bta-miR-2374 | -16.9 | 211 |
| bta-miR-2374 | -16.4 | 684 |
| bta-miR-2374 | -15.1 | 633 |
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| bta-miR-2374 | -14.7 | 73 |
| bta-miR-2374 | -13.4 | 654 |
| bta-miR-2374 | -13.1 | 380 |
| bta-miR-2374 | -12.6 | 623 |
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| bta-miR-2375 | -24.3 | 38 |
| bta-miR-2375 | -24.3 | 393 |
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| bta-miR-2375 | -21.8 | 81 |
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| bta-miR-2375 | -19.9 | 617 |
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| bta-miR-2375 | -16.5 | 355 |
| bta-miR-2375 | -16.3 | 305 |
| bta-miR-2375 | -15.2 | 376 |
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| bta-miR-2375 | -12.5 | 24 |
| bta-miR-2375 | -12.5 | 71 |

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| bta-miR-2375 | -10.8 | 116 |
| bta-miR-2375 | -10.7 | 676 |
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| bta-miR-2376 | -28.7 | 480 |
| bta-miR-2376 | -24.2 | 559 |
| bta-miR-2376 | -23.7 | 423 |
| bta-miR-2376 | -23.6 | 167 |
| bta-miR-2376 | -23.3 | 51 |
| bta-miR-2376 | -22.7 | 608 |
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| bta-miR-2376 | -20.8 | 115 |
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| bta-miR-2376 | -18.7 | 205 |
| bta-miR-2376 | -18.2 | 7 |
| bta-miR-2376 | -17.3 | 517 |
| bta-miR-2376 | -16.3 | 30 |
| bta-miR-2376 | -16.1 | 584 |
| bta-miR-2376 | -15.6 | 408 |
| bta-miR-2376 | -15.5 | 86 |
| bta-miR-2376 | -14.3 | 698 |
| bta-miR-2376 | -13.8 | 633 |
| bta-miR-2376 | -13.5 | 307 |
| bta-miR-2376 | -12.2 | 388 |
| bta-miR-2376 | -12.1 | 344 |
| bta-miR-2376 | -11.7 | 451 |
| bta-miR-2376 | -11.7 | 456 |
| bta-miR-2376 | -11.3 | 668 |
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| bta-miR-2376 | -10.9 | 108 |
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| bta-miR-2376 | -10.3 | 546 |
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| bta-miR-2377 | -19.4 | 366 |
| bta-miR-2377 | -19.0 | 28 |
| bta-miR-2377 | -18.0 | 203 |
| bta-miR-2377 | -16.3 | 454 |
| bta-miR-2377 | -16.2 | 653 |
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| bta-miR-2377 | -15.3 | 166 |
| bta-miR-2377 | -14.4 | 592 |
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| bta-miR-2377 | -12.5 | 442 |
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| bta-miR-2378 | -22.9 | 484 |
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| bta-miR-2378 | -20.3 | 142 |
| bta-miR-2378 | -19.7 | 580 |
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| bta-miR-2378 | -18.2 | 191 |
| bta-miR-2378 | -18.1 | 693 |
| bta-miR-2378 | -17.7 | 368 |
| bta-miR-2378 | -16.5 | 290 |
| bta-miR-2378 | -16.5 | 386 |
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| bta-miR-2378 | -11.7 | 730 |
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| bta-miR-2378 | -10.6 | 58 |
| bta-miR-2378 | -10.6 | 330 |
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| bta-miR-2379 | -20.1 | 227 |
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| bta-miR-2379 | -18.6 | 630 |
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| bta-miR-2379 | -15.7 | 451 |
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| bta-miR-2379 | -14.3 | 535 |

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| bta-miR-2379 | -12.8 | 139 |
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| bta-miR-2379 | -12.3 | 311 |
| bta-miR-2379 | -12.2 | 74 |
| bta-miR-2379 | -12.0 | 620 |
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| bta-miR-2379 | -11.4 | 356 |
| bta-miR-2379 | -10.7 | 364 |
| bta-miR-2379 | -10.7 | 705 |
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| bta-miR-2284c | -17.4 | 405 |
| bta-miR-2284c | -16.6 | 48 |
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| bta-miR-2284c | -14.7 | 480 |
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| bta-miR-2284c | -13.0 | 273 |
| bta-miR-2284c | -12.9 | 308 |
| bta-miR-2284c | -12.7 | 361 |
| bta-miR-2284c | -12.6 | 621 |
| bta-miR-2284c | -12.4 | 124 |
| bta-miR-2284c | -12.3 | 232 |
| bta-miR-2284c | -12.2 | 726 |
| bta-miR-2284c | -12.1 | 669 |
| bta-miR-2284c | -12.1 | 464 |
| bta-miR-2284c | -12.1 | 592 |
| bta-miR-2284c | -11.9 | 34 |
| bta-miR-2284c | -11.7 | 196 |
| bta-miR-2284c | -11.2 | 340 |
| bta-miR-2284c | -10.7 | 701 |
| bta-miR-2284c | -10.6 | 20 |
| bta-miR-2284c | -10.5 | 152 |
| bta-miR-2284c | -10.1 | 736 |
| bta-miR-2325b | -21.7 | 149 |
| bta-miR-2325b | -20.8 | 121 |
| bta-miR-2325b | -20.3 | 477 |
| bta-miR-2325b | -18.9 | 227 |
| bta-miR-2325b | -18.5 | 352 |
| bta-miR-2325b | -18.1 | 405 |
| bta-miR-2325b | -17.7 | 188 |
| bta-miR-2325b | -17.5 | 92 |
| bta-miR-2325b | -16.2 | 326 |
| bta-miR-2325b | -16.1 | 586 |
| bta-miR-2325b | -15.8 | 560 |
| bta-miR-2325b | -15.3 | 65 |
| bta-miR-2325b | -15.2 | 633 |
| bta-miR-2325b | -15.1 | 504 |
| bta-miR-2325b | -15.1 | 12 |
| bta-miR-2325b | -14.2 | 48 |
| bta-miR-2325b | -14.0 | 373 |
| bta-miR-2325b | -13.9 | 300 |
| bta-miR-2325b | -13.9 | 268 |

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| bta-miR-2325b | -13.7 | 456 |
| bta-miR-2325b | -12.7 | 738 |
| bta-miR-2325b | -11.0 | 698 |
| bta-miR-2325b | -10.4 | 573 |
| bta-miR-2325b | -10.1 | 171 |
| bta-miR-2380 | -19.0 | 424 |
| bta-miR-2380 | -17.6 | 29 |
| bta-miR-2380 | -17.4 | 365 |
| bta-miR-2380 | -16.8 | 472 |
| bta-miR-2380 | -16.7 | 509 |
| bta-miR-2380 | -16.0 | 71 |
| bta-miR-2380 | -15.6 | 398 |
| bta-miR-2380 | -15.3 | 716 |
| bta-miR-2380 | -14.8 | 187 |
| bta-miR-2380 | -14.4 | 545 |
| bta-miR-2380 | -14.3 | 340 |
| bta-miR-2380 | -13.8 | 243 |
| bta-miR-2380 | -13.1 | 622 |
| bta-miR-2380 | -13.0 | 583 |
| bta-miR-2380 | -13.0 | 212 |
| bta-miR-2380 | -12.9 | 108 |
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| bta-miR-2380 | -11.5 | 130 |
| bta-miR-2380 | -11.3 | 286 |
| bta-miR-2380 | -11.1 | 50 |
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| bta-miR-2380 | -10.7 | 569 |
| bta-miR-2380 | -10.2 | 166 |
| bta-miR-2380 | -10.0 | 91 |
| bta-miR-2381 | -31.0 | 482 |
| bta-miR-2381 | -30.6 | 407 |
| bta-miR-2381 | -28.7 | 184 |
| bta-miR-2381 | -27.2 | 50 |
| bta-miR-2381 | -27.0 | 8 |
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| bta-miR-2381 | -23.3 | 429 |
| bta-miR-2381 | -23.1 | 265 |
| bta-miR-2381 | -23.1 | 97 |
| bta-miR-2381 | -22.1 | 596 |
| bta-miR-2381 | -21.8 | 155 |
| bta-miR-2381 | -21.8 | 650 |
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| bta-miR-2381 | -14.0 | 515 |
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| bta-miR-2381 | -12.5 | 736 |
| bta-miR-2381 | -12.3 | 143 |
| bta-miR-2381 | -11.7 | 216 |
| bta-miR-2382 | -34.5 | 106 |
| bta-miR-2382 | -29.4 | 414 |
| bta-miR-2382 | -29.1 | 72 |
| bta-miR-2382 | -25.8 | 494 |

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| bta-miR-2382 | -25.2 | 183 |
| bta-miR-2382 | -25.2 | 270 |
| bta-miR-2382 | -24.5 | 230 |
| bta-miR-2382 | -24.2 | 456 |
| bta-miR-2382 | -23.6 | 559 |
| bta-miR-2382 | -23.4 | 623 |
| bta-miR-2382 | -23.3 | 4 |
| bta-miR-2382 | -21.7 | 321 |
| bta-miR-2382 | -21.4 | 140 |
| bta-miR-2382 | -21.1 | 383 |
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| bta-miR-2382 | -18.1 | 698 |
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| bta-miR-2382 | -17.4 | 586 |
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| bta-miR-2382 | -15.6 | 517 |
| bta-miR-2382 | -15.3 | 603 |
| bta-miR-2382 | -14.6 | 678 |
| bta-miR-2382 | -14.5 | 165 |
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| bta-miR-2382 | -13.7 | 484 |
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| bta-miR-2382 | -12.5 | 737 |
| bta-miR-2382 | -11.6 | 368 |
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| bta-miR-2382* | -25.7 | 480 |
| bta-miR-2382* | -25.3 | 70 |
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| bta-miR-2382* | -19.3 | 114 |
| bta-miR-2382* | -16.3 | 229 |
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| bta-miR-2382* | -10.6 | 337 |
| bta-miR-2382* | -10.4 | 544 |
| bta-miR-2382* | -10.2 | 381 |
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| bta-miR-2383 | -22.3 | 44 |
| bta-miR-2383 | -19.9 | 198 |
| bta-miR-2383 | -18.8 | 377 |
| bta-miR-2383 | -18.1 | 609 |
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| bta-miR-2383 | -15.8 | 482 |
| bta-miR-2383 | -15.6 | 85 |
| bta-miR-2383 | -15.2 | 17 |
| bta-miR-2383 | -15.0 | 408 |

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| bta-miR-2383 | -14.8 | 170 |
| bta-miR-2383 | -14.6 | 64 |
| bta-miR-2383 | -13.5 | 658 |
| bta-miR-2383 | -12.9 | 543 |
| bta-miR-2383 | -12.8 | 449 |
| bta-miR-2383 | -12.8 | 629 |
| bta-miR-2383 | -12.4 | 150 |
| bta-miR-2383 | -11.8 | 282 |
| bta-miR-2383 | -11.8 | 393 |
| bta-miR-2383 | -11.0 | 692 |
| bta-miR-2383 | -10.8 | 107 |
| bta-miR-2383 | -10.8 | 463 |
| bta-miR-2383 | -10.4 | 516 |
| bta-miR-2383 | -10.2 | 220 |
| bta-miR-2384 | -27.4 | 501 |
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| bta-miR-2384 | -19.7 | 235 |
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| bta-miR-2384 | -18.9 | 207 |
| bta-miR-2384 | -17.4 | 143 |
| bta-miR-2384 | -16.8 | 421 |
| bta-miR-2384 | -15.5 | 532 |
| bta-miR-2384 | -15.1 | 596 |
| bta-miR-2384 | -15.0 | 111 |
| bta-miR-2384 | -14.8 | 317 |
| bta-miR-2384 | -14.5 | 354 |
| bta-miR-2384 | -14.4 | 191 |
| bta-miR-2384 | -13.8 | 670 |
| bta-miR-2384 | -12.6 | 705 |
| bta-miR-2384 | -12.0 | 650 |
| bta-miR-2384 | -11.6 | 331 |
| bta-miR-2384 | -11.4 | 31 |
| bta-miR-2384 | -11.4 | 277 |
| bta-miR-2384 | -10.8 | 74 |
| bta-miR-2384 | -10.7 | 617 |
| bta-miR-2384 | -10.7 | 690 |
| bta-miR-2384 | -10.6 | 626 |
| bta-miR-2325c | -22.3 | 443 |
| bta-miR-2325c | -19.7 | 218 |
| bta-miR-2325c | -16.5 | 101 |
| bta-miR-2325c | -14.2 | 338 |
| bta-miR-2325c | -14.0 | 609 |
| bta-miR-2325c | -13.8 | 174 |
| bta-miR-2325c | -13.6 | 196 |
| bta-miR-2325c | -13.1 | 725 |
| bta-miR-2325c | -11.6 | 557 |
| bta-miR-2325c | -11.2 | 499 |
| bta-miR-2325c | -10.4 | 239 |
| bta-miR-2325c | -10.4 | 479 |
| bta-miR-2325c | -10.2 | 114 |
| bta-miR-2325c | -10.2 | 165 |
| bta-miR-2385-5p | -24.3 | 312 |
| bta-miR-2385-5p | -23.1 | 125 |
| bta-miR-2385-5p | -22.4 | 229 |

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| bta-miR-2385-5p | -21.6 | 574 |
| bta-miR-2385-5p | -21.2 | 412 |
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| bta-miR-2385-5p | -19.8 | 343 |
| bta-miR-2385-5p | -19.7 | 94 |
| bta-miR-2385-5p | -19.6 | 463 |
| bta-miR-2385-5p | -18.9 | 19 |
| bta-miR-2385-5p | -17.1 | 249 |
| bta-miR-2385-5p | -17.1 | 156 |
| bta-miR-2385-5p | -16.6 | 513 |
| bta-miR-2385-5p | -16.5 | 57 |
| bta-miR-2385-5p | -16.4 | 547 |
| bta-miR-2385-5p | -16.3 | 618 |
| bta-miR-2385-5p | -16.1 | 686 |
| bta-miR-2385-5p | -15.4 | 270 |
| bta-miR-2385-5p | -15.3 | 660 |
| bta-miR-2385-5p | -14.7 | 184 |
| bta-miR-2385-5p | -14.6 | 526 |
| bta-miR-2385-5p | -14.5 | 489 |
| bta-miR-2385-5p | -13.9 | 395 |
| bta-miR-2385-5p | -13.6 | 329 |
| bta-miR-2385-5p | -13.4 | 740 |
| bta-miR-2385-5p | -13.0 | 73 |
| bta-miR-2385-5p | -12.9 | 2 |
| bta-miR-2385-5p | -12.8 | 293 |
| bta-miR-2385-5p | -12.5 | 34 |
| bta-miR-2385-5p | -12.4 | 702 |
| bta-miR-2385-5p | -12.4 | 116 |
| bta-miR-2385-5p | -11.3 | 365 |
| bta-miR-2385-5p | -10.6 | 640 |
| bta-miR-2385-5p | -10.3 | 51 |
| bta-miR-2385-5p | -10.1 | 146 |
| bta-miR-2385-5p | -10.1 | 483 |
| bta-miR-2385-3p | -27.0 | 606 |
| bta-miR-2385-3p | -25.9 | 437 |
| bta-miR-2385-3p | -23.1 | 415 |
| bta-miR-2385-3p | -22.5 | 350 |
| bta-miR-2385-3p | -22.4 | 6 |
| bta-miR-2385-3p | -20.6 | 61 |
| bta-miR-2385-3p | -19.4 | 585 |
| bta-miR-2385-3p | -18.2 | 493 |
| bta-miR-2385-3p | -17.3 | 369 |
| bta-miR-2385-3p | -17.0 | 630 |
| bta-miR-2385-3p | -16.5 | 265 |
| bta-miR-2385-3p | -16.0 | 216 |
| bta-miR-2385-3p | -15.7 | 116 |
| bta-miR-2385-3p | -15.5 | 156 |
| bta-miR-2385-3p | -15.4 | 185 |
| bta-miR-2385-3p | -14.6 | 737 |
| bta-miR-2385-3p | -14.5 | 477 |
| bta-miR-2385-3p | -13.5 | 535 |
| bta-miR-2385-3p | -13.4 | 560 |
| bta-miR-2385-3p | -12.2 | 649 |
| bta-miR-2385-3p | -11.7 | 27 |
| bta-miR-2385-3p | -10.9 | 403 |
| bta-miR-2385-3p | -10.2 | 92 |
| bta-miR-2284v | -20.4 | 261 |
| bta-miR-2284v | -18.8 | 166 |
| bta-miR-2284v | -18.6 | 327 |

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| bta-miR-2284v | -17.4 | 108 |
| bta-miR-2284v | -17.4 | 28 |
| bta-miR-2284v | -17.2 | 358 |
| bta-miR-2284v | -16.5 | 49 |
| bta-miR-2284v | -16.0 | 508 |
| bta-miR-2284v | -16.0 | 232 |
| bta-miR-2284v | -16.0 | 406 |
| bta-miR-2284v | -15.7 | 471 |
| bta-miR-2284v | -15.7 | 188 |
| bta-miR-2284v | -15.6 | 622 |
| bta-miR-2284v | -15.1 | 273 |
| bta-miR-2284v | -15.1 | 308 |
| bta-miR-2284v | -14.8 | 141 |
| bta-miR-2284v | -14.8 | 119 |
| bta-miR-2284v | -14.8 | 429 |
| bta-miR-2284v | -13.8 | 94 |
| bta-miR-2284v | -13.8 | 486 |
| bta-miR-2284v | -13.4 | 134 |
| bta-miR-2284v | -13.3 | 320 |
| bta-miR-2284v | -13.3 | 715 |
| bta-miR-2284v | -13.1 | 689 |
| bta-miR-2284v | -12.9 | 595 |
| bta-miR-2284v | -12.7 | 246 |
| bta-miR-2284v | -12.7 | 80 |
| bta-miR-2284v | -12.5 | 451 |
| bta-miR-2284v | -11.9 | 210 |
| bta-miR-2284v | -11.7 | 558 |
| bta-miR-2284v | -11.4 | 7 |
| bta-miR-2284v | -11.3 | 579 |
| bta-miR-2284v | -11.1 | 342 |
| bta-miR-2284v | -10.9 | 650 |
| bta-miR-2284v | -10.2 | 669 |
| bta-miR-2386 | -18.5 | 470 |
| bta-miR-2386 | -17.9 | 114 |
| bta-miR-2386 | -16.5 | 220 |
| bta-miR-2386 | -15.8 | 350 |
| bta-miR-2386 | -15.7 | 614 |
| bta-miR-2386 | -15.3 | 443 |
| bta-miR-2386 | -14.6 | 589 |
| bta-miR-2386 | -14.3 | 177 |
| bta-miR-2386 | -14.2 | 405 |
| bta-miR-2386 | -14.1 | 333 |
| bta-miR-2386 | -13.4 | 499 |
| bta-miR-2386 | -13.4 | 565 |
| bta-miR-2386 | -13.3 | 726 |
| bta-miR-2386 | -12.8 | 41 |
| bta-miR-2386 | -12.5 | 265 |
| bta-miR-2386 | -11.9 | 102 |
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| bta-miR-2386 | -11.1 | 312 |
| bta-miR-2386 | -11.0 | 415 |
| bta-miR-2386 | -10.4 | 79 |
| bta-miR-2387 | -30.6 | 415 |
| bta-miR-2387 | -29.4 | 116 |
| bta-miR-2387 | -26.6 | 66 |
| bta-miR-2387 | -26.5 | 560 |
| bta-miR-2387 | -26.4 | 465 |

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| bta-miR-2387 | -24.7 | 654 |
| bta-miR-2387 | -24.0 | 488 |
| bta-miR-2387 | -23.6 | 4 |
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| bta-miR-2387 | -21.9 | 185 |
| bta-miR-2387 | -20.4 | 617 |
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| bta-miR-2387 | -19.0 | 231 |
| bta-miR-2387 | -18.1 | 436 |
| bta-miR-2387 | -17.5 | 156 |
| bta-miR-2387 | -17.2 | 308 |
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| bta-miR-2387 | -16.6 | 352 |
| bta-miR-2387 | -15.2 | 96 |
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| bta-miR-2387 | -14.6 | 25 |
| bta-miR-2387 | -13.9 | 734 |
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| bta-miR-2387 | -11.6 | 548 |
| bta-miR-2387 | -10.5 | 325 |
| bta-miR-2387 | -10.5 | 212 |
| bta-miR-2388* | -36.1 | 605 |
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| bta-miR-2388* | -26.4 | 205 |
| bta-miR-2388* | -25.5 | 407 |
| bta-miR-2388* | -24.5 | 487 |
| bta-miR-2388* | -24.1 | 263 |
| bta-miR-2388* | -23.6 | 165 |
| bta-miR-2388* | -21.0 | 9 |
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| bta-miR-2388* | -19.1 | 463 |
| bta-miR-2388* | -18.9 | 344 |
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| bta-miR-2388* | -15.4 | 737 |
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| bta-miR-2388* | -13.5 | 361 |
| bta-miR-2388* | -11.7 | 238 |
| bta-miR-2388* | -11.6 | 147 |
| bta-miR-2388* | -11.5 | 516 |
| bta-miR-2388* | -11.2 | 559 |
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| bta-miR-2388* | -10.0 | 37 |
| bta-miR-2388 | -24.1 | 384 |
| bta-miR-2388 | -22.9 | 489 |
| bta-miR-2388 | -22.8 | 95 |
| bta-miR-2388 | -22.5 | 461 |
| bta-miR-2388 | -22.3 | 181 |
| bta-miR-2388 | -21.7 | 577 |
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| bta-miR-2388 | -20.4 | 161 |
| bta-miR-2388 | -19.8 | 53 |
| bta-miR-2388 | -19.6 | 276 |
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| bta-miR-2388 | -17.8 | 623 |

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| bta-miR-2388 | -16.5 | 422 |
| bta-miR-2388 | -16.0 | 692 |
| bta-miR-2388 | -15.9 | 258 |
| bta-miR-2388 | -15.8 | 137 |
| bta-miR-2388 | -15.6 | 639 |
| bta-miR-2388 | -15.5 | 537 |
| bta-miR-2388 | -14.6 | 342 |
| bta-miR-2388 | -14.6 | 123 |
| bta-miR-2388 | -13.2 | 363 |
| bta-miR-2388 | -12.5 | 664 |
| bta-miR-2388 | -12.2 | 565 |
| bta-miR-2388 | -12.1 | 316 |
| bta-miR-2388 | -11.1 | 34 |
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| bta-miR-2388 | -10.6 | 740 |
| bta-miR-2388 | -10.2 | 248 |
| bta-miR-2389 | -30.4 | 127 |
| bta-miR-2389 | -29.4 | 231 |
| bta-miR-2389 | -29.0 | 186 |
| bta-miR-2389 | -26.8 | 567 |
| bta-miR-2389 | -26.4 | 461 |
| bta-miR-2389 | -24.2 | 386 |
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| bta-miR-2389 | -23.5 | 352 |
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| bta-miR-2389 | -21.4 | 426 |
| bta-miR-2389 | -21.1 | 498 |
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| bta-miR-2389 | -13.5 | 403 |
| bta-miR-2389 | -12.6 | 342 |
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| bta-miR-2389 | -10.2 | 173 |
| bta-miR-2390 | -17.6 | 102 |
| bta-miR-2390 | -16.7 | 592 |
| bta-miR-2390 | -16.6 | 371 |
| bta-miR-2390 | -16.2 | 153 |
| bta-miR-2390 | -15.6 | 177 |
| bta-miR-2390 | -15.6 | 731 |
| bta-miR-2390 | -15.1 | 405 |
| bta-miR-2390 | -14.8 | 41 |
| bta-miR-2390 | -14.7 | 479 |
| bta-miR-2390 | -13.7 | 338 |

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| bta-miR-2390 | -11.8 | 443 |
| bta-miR-2390 | -11.8 | 609 |
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| bta-miR-2392 | -33.4 | 126 |
| bta-miR-2392 | -27.0 | 244 |
| bta-miR-2392 | -26.3 | 86 |
| bta-miR-2392 | -26.1 | 21 |
| bta-miR-2392 | -25.0 | 464 |
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| bta-miR-2394 | -15.6 | 626 |
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| bta-miR-2395 | -10.0 | 164 |
| bta-miR-2396 | -26.2 | 564 |
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| bta-miR-2396 | -23.4 | 6 |
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| bta-miR-2396 | -19.1 | 99 |
| bta-miR-2396 | -19.1 | 401 |
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| bta-miR-2396 | -10.7 | 690 |
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| bta-miR-2285c | -14.1 | 483 |
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| bta-miR-2285c | -12.5 | 169 |
| bta-miR-2285c | -12.4 | 331 |
| bta-miR-2285c | -12.4 | 277 |
| bta-miR-2285c | -12.4 | 563 |
| bta-miR-2285c | -12.4 | 515 |
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| bta-miR-2285c | -10.1 | 374 |
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| bta-miR-2397* | -24.2 | 408 |
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| bta-miR-2397* | -13.8 | 154 |
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| bta-miR-2397* | -12.4 | 544 |
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| bta-miR-2397 | -20.6 | 412 |
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| bta-miR-2397 | -16.4 | 244 |
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| bta-miR-2397 | -15.9 | 15 |
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| bta-miR-2398 | -21.0 | 614 |
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| bta-miR-2398 | -20.7 | 244 |
| bta-miR-2398 | -19.6 | 492 |
| bta-miR-2398 | -19.4 | 360 |
| bta-miR-2398 | -19.0 | 560 |
| bta-miR-2398 | -18.6 | 126 |
| bta-miR-2398 | -18.5 | 464 |
| bta-miR-2398 | -18.3 | 13 |
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| bta-miR-2398 | -15.7 | 37 |
| bta-miR-2398 | -15.0 | 696 |
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| bta-miR-2398 | -14.0 | 742 |
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| bta-miR-2398 | -12.8 | 483 |
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| bta-miR-2398 | -11.9 | 2 |
| bta-miR-2398 | -11.8 | 271 |
| bta-miR-2398 | -11.8 | 156 |
| bta-miR-2398 | -11.7 | 66 |
| bta-miR-2398 | -11.0 | 136 |
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| bta-miR-2399* | -17.9 | 425 |
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| bta-miR-2399* | -16.5 | 488 |
| bta-miR-2399* | -16.0 | 540 |
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| bta-miR-2399* | -15.2 | 654 |
| bta-miR-2399* | -14.1 | 381 |

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| bta-miR-2399* | -13.6 | 560 |
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| bta-miR-2399* | -11.2 | 636 |
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| bta-miR-2399* | -10.2 | 263 |
| bta-miR-2399* | -10.2 | 683 |
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| bta-miR-2400 | -22.8 | 234 |
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| bta-miR-2400 | -15.3 | 263 |
| bta-miR-2400 | -13.5 | 692 |
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| bta-miR-2400 | -13.0 | 664 |
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| bta-miR-2400 | -10.1 | 218 |
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| bta-miR-2284q | -19.2 | 461 |
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| bta-miR-2284q | -15.3 | 342 |
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| bta-miR-2284q | -14.9 | 215 |
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| bta-miR-2284q | -13.6 | 267 |

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| bta-miR-2284q | -11.9 | 309 |
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| bta-miR-2284q | -10.9 | 39 |
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| bta-miR-2401 | -22.4 | 429 |
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| bta-miR-2401 | -10.9 | 308 |
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| bta-miR-2403 | -17.9 | 515 |
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| bta-miR-2403 | -14.8 | 736 |
| bta-miR-2403 | -14.8 | 654 |
| bta-miR-2403 | -14.2 | 37 |
| bta-miR-2403 | -13.9 | 153 |
| bta-miR-2403 | -13.6 | 308 |
| bta-miR-2403 | -12.9 | 249 |
| bta-miR-2403 | -12.8 | 97 |
| bta-miR-2403 | -12.8 | 371 |
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| bta-miR-2403 | -10.0 | 330 |
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| bta-miR-2404 | -17.0 | 618 |
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| bta-miR-2404 | -13.4 | 542 |
| bta-miR-2404 | -13.2 | 559 |
| bta-miR-2404 | -12.8 | 423 |
| bta-miR-2404 | -12.1 | 165 |
| bta-miR-2404 | -11.9 | 663 |
| bta-miR-2404 | -11.4 | 51 |
| bta-miR-2404 | -11.2 | 523 |
| bta-miR-2404 | -10.9 | 278 |
| bta-miR-2404 | -10.7 | 224 |
| bta-miR-2404 | -10.6 | 338 |
| bta-miR-2404 | -10.2 | 128 |
| bta-miR-449d | -25.0 | 111 |
| bta-miR-449d | -24.4 | 60 |
| bta-miR-449d | -24.1 | 401 |

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| bta-miR-449d | -18.5 | 368 |
| bta-miR-449d | -18.4 | 34 |
| bta-miR-449d | -18.2 | 461 |
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| bta-miR-449d | -17.2 | 579 |
| bta-miR-449d | -17.1 | 317 |
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| bta-miR-449d | -14.8 | 650 |
| bta-miR-449d | -14.5 | 515 |
| bta-miR-449d | -13.9 | 559 |
| bta-miR-449d | -13.4 | 90 |
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| bta-miR-2405 | -12.3 | 97 |
| bta-miR-2405 | -11.9 | 698 |
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| bta-miR-2405 | -11.6 | 575 |
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| bta-miR-2406 | -22.0 | 409 |
| bta-miR-2406 | -21.0 | 277 |
| bta-miR-2406 | -21.0 | 127 |

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| bta-miR-2406 | -18.1 | 493 |
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| bta-miR-2406 | -15.2 | 151 |
| bta-miR-2406 | -15.2 | 309 |
| bta-miR-2406 | -15.0 | 356 |
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| bta-miR-2406 | -11.5 | 516 |
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| bta-miR-2406 | -10.6 | 740 |
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| bta-miR-2407 | -29.0 | 107 |
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| bta-miR-2409 | -15.8 | 342 |
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| bta-miR-2410 | -21.8 | 276 |
| bta-miR-2410 | -21.8 | 199 |
| bta-miR-2410 | -21.4 | 391 |

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| bta-miR-2410 | -14.0 | 655 |
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| bta-miR-2410 | -13.4 | 548 |
| bta-miR-2410 | -12.4 | 739 |
| bta-miR-2410 | -12.4 | 22 |
| bta-miR-2410 | -11.9 | 678 |
| bta-miR-2410 | -11.2 | 319 |
| bta-miR-2410 | -11.1 | 488 |
| bta-miR-2410 | -10.2 | 107 |
| bta-miR-2410 | -10.2 | 451 |
| bta-miR-1584 | -33.7 | 156 |
| bta-miR-1584 | -32.1 | 109 |
| bta-miR-1584 | -31.1 | 244 |
| bta-miR-1584 | -30.6 | 30 |
| bta-miR-1584 | -30.5 | 307 |
| bta-miR-1584 | -28.9 | 415 |
| bta-miR-1584 | -27.3 | 457 |
| bta-miR-1584 | -24.1 | 360 |
| bta-miR-1584 | -23.1 | 88 |
| bta-miR-1584 | -22.8 | 562 |
| bta-miR-1584 | -22.2 | 395 |
| bta-miR-1584 | -20.7 | 187 |
| bta-miR-1584 | -20.6 | 271 |
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| bta-miR-1584 | -15.0 | 538 |
| bta-miR-1584 | -14.5 | 377 |
| bta-miR-1584 | -13.9 | 697 |
| bta-miR-1584 | -13.5 | 730 |
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| bta-miR-1584 | -10.9 | 599 |
| bta-miR-1584 | -10.6 | 211 |
| bta-miR-1584 | -10.6 | 337 |
| bta-miR-1584* | -33.5 | 419 |
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| bta-miR-1584* | -25.1 | 199 |

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| bta-miR-1584* | -21.4 | 463 |
| bta-miR-1584* | -20.4 | 560 |
| bta-miR-1584* | -20.2 | 72 |
| bta-miR-1584* | -19.0 | 155 |
| bta-miR-1584* | -18.6 | 584 |
| bta-miR-1584* | -16.6 | 337 |
| bta-miR-1584* | -16.5 | 448 |
| bta-miR-1584* | -16.3 | 231 |
| bta-miR-1584* | -16.0 | 112 |
| bta-miR-1584* | -14.0 | 660 |
| bta-miR-1584* | -13.9 | 403 |
| bta-miR-1584* | -13.5 | 371 |
| bta-miR-1584* | -13.5 | 547 |
| bta-miR-1584* | -13.1 | 38 |
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| bta-miR-1584* | -11.7 | 738 |
| bta-miR-1584* | -11.6 | 185 |
| bta-miR-1584* | -11.4 | 60 |
| bta-miR-1584* | -10.6 | 518 |
| bta-miR-1584* | -10.3 | 386 |
| bta-miR-1940 | -25.6 | 481 |
| bta-miR-1940 | -24.9 | 418 |
| bta-miR-1940 | -23.9 | 232 |
| bta-miR-1940 | -23.4 | 71 |
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| bta-miR-1940 | -22.8 | 11 |
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| bta-miR-1940 | -22.1 | 188 |
| bta-miR-1940 | -21.8 | 102 |
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| bta-miR-1940 | -19.1 | 154 |
| bta-miR-1940 | -18.4 | 130 |
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| bta-miR-1940 | -15.8 | 698 |
| bta-miR-1940 | -15.5 | 582 |
| bta-miR-1940 | -13.2 | 737 |
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| bta-miR-1940 | -11.6 | 678 |
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| bta-miR-2411 | -24.0 | 370 |
| bta-miR-2411 | -21.0 | 155 |
| bta-miR-2411 | -21.0 | 413 |
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| bta-miR-2411 | -17.9 | 450 |

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| bta-miR-2411 | -12.5 | 473 |
| bta-miR-2411 | -10.3 | 403 |
| bta-miR-2411 | -10.2 | 326 |
| bta-miR-2411 | -10.2 | 364 |
| bta-miR-2411 | -10.1 | 144 |
| bta-miR-2411* | -26.4 | 614 |
| bta-miR-2411* | -23.5 | 448 |
| bta-miR-2411* | -22.5 | 16 |
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| bta-miR-2411* | -20.8 | 589 |
| bta-miR-2411* | -20.6 | 266 |
| bta-miR-2411* | -20.4 | 478 |
| bta-miR-2411* | -20.4 | 69 |
| bta-miR-2411* | -19.3 | 499 |
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| bta-miR-2411* | -16.6 | 176 |
| bta-miR-2411* | -15.5 | 94 |
| bta-miR-2411* | -14.7 | 152 |
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| bta-miR-2411* | -10.0 | 383 |
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| bta-miR-2412 | -34.6 | 135 |
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| bta-miR-2412 | -19.6 | 474 |
| bta-miR-2412 | -19.4 | 186 |
| bta-miR-2412 | -19.4 | 581 |
| bta-miR-2412 | -18.8 | 117 |
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| bta-miR-2412 | -16.7 | 58 |
| bta-miR-2412 | -16.5 | 692 |
| bta-miR-2412 | -15.1 | 429 |
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| bta-miR-2284m | -16.8 | 592 |
| bta-miR-2284m | -16.7 | 196 |
| bta-miR-2284m | -16.4 | 166 |
| bta-miR-2284m | -16.2 | 273 |
| bta-miR-2284m | -15.7 | 470 |
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| bta-miR-2284m | -14.7 | 507 |
| bta-miR-2284m | -14.3 | 405 |
| bta-miR-2284m | -14.2 | 621 |
| bta-miR-2284m | -14.2 | 28 |
| bta-miR-2284m | -13.7 | 241 |
| bta-miR-2284m | -13.6 | 706 |
| bta-miR-2284m | -13.6 | 724 |
| bta-miR-2284m | -13.5 | 338 |
| bta-miR-2284m | -13.4 | 5 |
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| bta-miR-2284m | -11.9 | 423 |

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| bta-miR-2284m | -10.5 | 48 |
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| bta-miR-2415* | -18.4 | 342 |
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| bta-miR-2415* | -17.5 | 199 |
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| bta-miR-2416 | -13.8 | 34 |

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| bta-miR-2418 | -22.9 | 312 |
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| bta-miR-2418 | -21.0 | 72 |
| bta-miR-2418 | -20.4 | 20 |

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| bta-miR-2284b | -15.4 | 225 |
| bta-miR-2284b | -15.2 | 166 |
| bta-miR-2284b | -15.2 | 441 |
| bta-miR-2284b | -14.9 | 338 |
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| bta-miR-2284b | -14.4 | 506 |
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| bta-miR-2284b | -11.5 | 735 |
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| bta-miR-1814c | -15.4 | 184 |
| bta-miR-1814c | -15.1 | 326 |
| bta-miR-1814c | -14.6 | 599 |
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| bta-miR-1814c | -13.5 | 508 |

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| bta-miR-1814c | -12.9 | 138 |
| bta-miR-1814c | -12.8 | 726 |
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| bta-miR-1814c | -10.5 | 79 |
| bta-miR-1814c | -10.0 | 320 |
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| bta-miR-2419* | -13.1 | 137 |

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| bta-miR-2420 | -13.3 | 268 |
| bta-miR-2420 | -13.1 | 197 |
| bta-miR-2420 | -12.4 | 574 |
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| bta-miR-2420 | -10.7 | 555 |
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| bta-miR-2421 | -15.2 | 65 |
| bta-miR-2421 | -14.7 | 600 |
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| bta-miR-2422 | -18.9 | 87 |
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| bta-miR-1843 | -27.5 | 605 |
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| bta-miR-320b | -21.1 | 51 |
| bta-miR-320b | -21.1 | 361 |
| bta-miR-320b | -21.0 | 207 |
| bta-miR-320b | -20.4 | 138 |
| bta-miR-320b | -19.9 | 2 |

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| bta-miR-320b | -14.7 | 414 |
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| bta-miR-320b | -13.9 | 271 |
| bta-miR-320b | -13.3 | 594 |
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| bta-miR-320b | -12.0 | 374 |
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| bta-miR-320b | -11.1 | 236 |
| bta-miR-320b | -11.1 | 534 |
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| bta-miR-320b | -10.1 | 286 |
| bta-miR-320b | -10.0 | 382 |
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| bta-miR-2423 | -18.3 | 448 |
| bta-miR-2423 | -17.9 | 176 |
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| bta-miR-2423 | -16.8 | 350 |
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| bta-miR-2423 | -15.4 | 16 |
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| bta-miR-2423 | -10.5 | 407 |
| bta-miR-2423 | -10.0 | 301 |
| bta-miR-2423 | -10.0 | 334 |
| bta-miR-2424 | -25.9 | 456 |
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| bta-miR-2424 | -24.3 | 482 |
| bta-miR-2424 | -19.5 | 85 |
| bta-miR-2424 | -18.3 | 653 |
| bta-miR-2424 | -17.8 | 108 |
| bta-miR-2424 | -17.8 | 222 |
| bta-miR-2424 | -17.7 | 407 |

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| bta-miR-2425 | -15.3 | 370 |
| bta-miR-2425 | -14.7 | 294 |
| bta-miR-2425 | -14.7 | 709 |
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| bta-miR-2427 | -22.2 | 165 |
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| bta-miR-2427 | -12.4 | 326 |

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| bta-miR-2430 | -28.3 | 99 |
| bta-miR-2430 | -28.1 | 402 |
| bta-miR-2430 | -27.4 | 342 |
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| bta-miR-2430 | -25.1 | 237 |

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| bta-miR-2430 | -19.9 | 425 |
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| bta-miR-2430 | -14.5 | 662 |
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| bta-miR-2430 | -10.4 | 436 |
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| bta-miR-2431* | -16.7 | 466 |
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| bta-miR-2431* | -15.0 | 559 |
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| bta-miR-2431 | -30.2 | 67 |
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| bta-miR-677 | -24.6 | 277 |
| bta-miR-677 | -23.8 | 238 |
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| bta-miR-677 | -20.7 | 450 |
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| bta-miR-677 | -13.0 | 338 |
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| bta-miR-677 | -12.0 | 147 |
| bta-miR-677 | -11.8 | 391 |
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| bta-miR-677 | -10.0 | 303 |
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| bta-miR-2433 | -14.0 | 582 |
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| bta-miR-2434 | -13.1 | 38 |
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| bta-miR-2434 | -12.6 | 185 |
| bta-miR-2434 | -12.4 | 573 |

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| bta-miR-2434 | -10.2 | 324 |
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| bta-miR-2435 | -10.1 | 109 |
| bta-miR-2436-5p | -32.4 | 395 |
| bta-miR-2436-5p | -30.5 | 86 |
| bta-miR-2436-5p | -29.8 | 361 |
| bta-miR-2436-5p | -28.2 | 563 |
| bta-miR-2436-5p | -27.4 | 244 |
| bta-miR-2436-5p | -26.9 | 30 |
| bta-miR-2436-5p | -25.4 | 51 |
| bta-miR-2436-5p | -24.7 | 167 |
| bta-miR-2436-5p | -24.4 | 457 |
| bta-miR-2436-5p | -23.9 | 511 |
| bta-miR-2436-5p | -23.0 | 4 |
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| bta-miR-2436-5p | -21.5 | 624 |
| bta-miR-2436-5p | -20.9 | 126 |
| bta-miR-2436-5p | -18.7 | 211 |
| bta-miR-2436-5p | -17.9 | 324 |
| bta-miR-2436-5p | -17.9 | 716 |
| bta-miR-2436-5p | -16.6 | 596 |
| bta-miR-2436-5p | -15.9 | 283 |
| bta-miR-2436-5p | -15.0 | 669 |
| bta-miR-2436-5p | -14.7 | 488 |
| bta-miR-2436-5p | -14.4 | 537 |
| bta-miR-2436-5p | -14.0 | 199 |

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| bta-miR-2436-5p | -12.0 | 345 |
| bta-miR-2436-5p | -11.6 | 383 |
| bta-miR-2436-5p | -10.4 | 119 |
| bta-miR-2436-5p | -10.0 | 313 |
| bta-miR-2436-3p | -34.0 | 598 |
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| bta-miR-2436-3p | -25.4 | 408 |
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| bta-miR-2436-3p | -20.4 | 622 |
| bta-miR-2436-3p | -16.6 | 172 |
| bta-miR-2436-3p | -16.5 | 494 |
| bta-miR-2436-3p | -15.7 | 113 |
| bta-miR-2436-3p | -14.0 | 217 |
| bta-miR-2436-3p | -12.7 | 566 |
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| bta-miR-2436-3p | -12.0 | 542 |
| bta-miR-2436-3p | -10.9 | 741 |
| bta-miR-2436-3p | -10.7 | 154 |
| bta-miR-2436-3p | -10.4 | 240 |
| bta-miR-2284r | -26.0 | 460 |
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| bta-miR-2284r | -22.2 | 97 |
| bta-miR-2284r | -20.3 | 616 |
| bta-miR-2284r | -19.7 | 235 |
| bta-miR-2284r | -19.6 | 24 |
| bta-miR-2284r | -17.7 | 173 |
| bta-miR-2284r | -17.3 | 4 |
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| bta-miR-2284r | -17.0 | 342 |
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| bta-miR-2284r | -15.9 | 364 |
| bta-miR-2284r | -15.3 | 692 |
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| bta-miR-2284r | -15.1 | 650 |
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| bta-miR-2284r | -12.9 | 204 |
| bta-miR-2284r | -12.6 | 277 |
| bta-miR-2284r | -11.8 | 541 |
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| bta-miR-2284r | -10.6 | 51 |
| bta-miR-2284r | -10.3 | 119 |
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| bta-miR-2437 | -19.2 | 611 |
| bta-miR-2437 | -18.8 | 102 |
| bta-miR-2437 | -18.8 | 445 |
| bta-miR-2437 | -16.7 | 174 |
| bta-miR-2437 | -16.3 | 371 |
| bta-miR-2437 | -15.7 | 479 |
| bta-miR-2437 | -15.4 | 16 |
| bta-miR-2437 | -14.9 | 268 |
| bta-miR-2437 | -14.6 | 41 |
| bta-miR-2437 | -13.5 | 153 |

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| bta-miR-2437 | -12.5 | 202 |
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| bta-miR-2437 | -11.9 | 414 |
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| bta-miR-2437 | -11.5 | 736 |
| bta-miR-2437 | -11.3 | 312 |
| bta-miR-2437 | -10.3 | 710 |
| bta-miR-2437 | -10.3 | 574 |
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| bta-miR-2437 | -10.0 | 464 |
| bta-miR-2438 | -30.9 | 8 |
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| bta-miR-2438 | -28.8 | 154 |
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| bta-miR-2438 | -26.5 | 575 |
| bta-miR-2438 | -26.4 | 68 |
| bta-miR-2438 | -25.4 | 232 |
| bta-miR-2438 | -23.1 | 37 |
| bta-miR-2438 | -23.1 | 605 |
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| bta-miR-2438 | -22.1 | 494 |
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| bta-miR-2438 | -18.7 | 479 |
| bta-miR-2438 | -18.7 | 631 |
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| bta-miR-2438 | -11.7 | 249 |
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| bta-miR-2439* | -21.9 | 202 |
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| bta-miR-2439* | -20.3 | 350 |
| bta-miR-2439* | -19.3 | 615 |
| bta-miR-2439* | -19.1 | 165 |
| bta-miR-2439* | -18.8 | 40 |
| bta-miR-2439* | -18.7 | 565 |
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| bta-miR-2439* | -16.2 | 147 |
| bta-miR-2439* | -15.9 | 655 |

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| bta-miR-2439* | -14.7 | 298 |
| bta-miR-2439* | -14.5 | 425 |
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| bta-miR-2439* | -13.1 | 177 |
| bta-miR-2439* | -11.7 | 524 |
| bta-miR-2439* | -11.2 | 730 |
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| bta-miR-2439* | -10.5 | 228 |
| bta-miR-2439* | -10.3 | 438 |
| bta-miR-2439* | -10.2 | 548 |
| bta-miR-2439 | -27.7 | 561 |
| bta-miR-2439 | -23.3 | 425 |
| bta-miR-2439 | -21.0 | 206 |
| bta-miR-2439 | -19.7 | 81 |
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| bta-miR-2439 | -18.4 | 398 |
| bta-miR-2439 | -18.3 | 666 |
| bta-miR-2439 | -18.3 | 5 |
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| bta-miR-2439 | -12.3 | 341 |
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| bta-miR-2439 | -10.3 | 257 |
| bta-miR-2439 | -10.3 | 483 |
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| bta-miR-2439 | -10.0 | 156 |
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| bta-miR-2440 | -22.0 | 476 |
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| bta-miR-2440 | -19.4 | 409 |
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| bta-miR-2440 | -17.8 | 259 |
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| bta-miR-2440 | -16.7 | 111 |
| bta-miR-2440 | -16.4 | 127 |
| bta-miR-2440 | -15.8 | 542 |
| bta-miR-2440 | -15.8 | 596 |
| bta-miR-2440 | -14.8 | 286 |
| bta-miR-2440 | -14.6 | 657 |
| bta-miR-2440 | -14.5 | 14 |
| bta-miR-2440 | -14.2 | 236 |

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| bta-miR-2440 | -13.7 | 447 |
| bta-miR-2440 | -13.5 | 190 |
| bta-miR-2440 | -13.5 | 70 |
| bta-miR-2440 | -12.9 | 143 |
| bta-miR-2440 | -12.2 | 461 |
| bta-miR-2440 | -12.2 | 368 |
| bta-miR-2440 | -12.1 | 740 |
| bta-miR-2440 | -12.1 | 342 |
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| bta-miR-2440 | -11.5 | 98 |
| bta-miR-2440 | -11.5 | 613 |
| bta-miR-2440 | -10.2 | 211 |
| bta-miR-2440 | -10.2 | 692 |
| bta-miR-2441 | -26.8 | 401 |
| bta-miR-2441 | -25.0 | 561 |
| bta-miR-2441 | -24.4 | 86 |
| bta-miR-2441 | -21.2 | 512 |
| bta-miR-2441 | -21.0 | 354 |
| bta-miR-2441 | -20.9 | 246 |
| bta-miR-2441 | -19.6 | 190 |
| bta-miR-2441 | -19.0 | 384 |
| bta-miR-2441 | -18.0 | 135 |
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| bta-miR-2441 | -17.5 | 33 |
| bta-miR-2441 | -17.5 | 110 |
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| bta-miR-2441 | -14.6 | 276 |
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| bta-miR-2441 | -14.4 | 625 |
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| bta-miR-2441 | -13.9 | 163 |
| bta-miR-2441 | -13.5 | 545 |
| bta-miR-2441 | -13.0 | 693 |
| bta-miR-2441 | -12.0 | 670 |
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| bta-miR-2441 | -11.5 | 457 |
| bta-miR-2441 | -11.4 | 262 |
| bta-miR-2441 | -11.3 | 739 |
| bta-miR-2441 | -10.5 | 17 |
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| bta-miR-2442 | -31.4 | 86 |
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| bta-miR-2442 | -26.2 | 463 |
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| bta-miR-2442 | -25.5 | 156 |
| bta-miR-2442 | -25.4 | 493 |
| bta-miR-2442 | -23.9 | 199 |
| bta-miR-2442 | -23.3 | 40 |
| bta-miR-2442 | -23.1 | 126 |
| bta-miR-2442 | -22.2 | 614 |
| bta-miR-2442 | -20.8 | 267 |

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| bta-miR-2442 | -17.9 | 480 |
| bta-miR-2442 | -17.6 | 293 |
| bta-miR-2442 | -17.6 | 183 |
| bta-miR-2442 | -17.3 | 64 |
| bta-miR-2442 | -17.2 | 660 |
| bta-miR-2442 | -16.3 | 631 |
| bta-miR-2442 | -15.5 | 697 |
| bta-miR-2442 | -15.0 | 526 |
| bta-miR-2442 | -14.4 | 258 |
| bta-miR-2442 | -14.3 | 1 |
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| bta-miR-2442 | -13.1 | 449 |
| bta-miR-2442 | -12.6 | 737 |
| bta-miR-2442 | -12.3 | 591 |
| bta-miR-2442 | -11.3 | 120 |
| bta-miR-2442 | -10.4 | 435 |
| bta-miR-2443 | -28.7 | 415 |
| bta-miR-2443 | -24.9 | 654 |
| bta-miR-2443 | -24.2 | 73 |
| bta-miR-2443 | -22.8 | 563 |
| bta-miR-2443 | -22.6 | 261 |
| bta-miR-2443 | -22.6 | 30 |
| bta-miR-2443 | -22.4 | 306 |
| bta-miR-2443 | -21.9 | 473 |
| bta-miR-2443 | -21.5 | 206 |
| bta-miR-2443 | -20.8 | 160 |
| bta-miR-2443 | -20.5 | 593 |
| bta-miR-2443 | -20.0 | 383 |
| bta-miR-2443 | -19.6 | 353 |
| bta-miR-2443 | -18.6 | 494 |
| bta-miR-2443 | -17.9 | 698 |
| bta-miR-2443 | -16.8 | 119 |
| bta-miR-2443 | -16.8 | 529 |
| bta-miR-2443 | -15.2 | 1 |
| bta-miR-2443 | -15.0 | 283 |
| bta-miR-2443 | -14.6 | 457 |
| bta-miR-2443 | -13.5 | 741 |
| bta-miR-2443 | -12.9 | 629 |
| bta-miR-2443 | -12.4 | 59 |
| bta-miR-2443 | -11.6 | 139 |
| bta-miR-2443 | -11.3 | 247 |
| bta-miR-2443 | -10.6 | 328 |
| bta-miR-2443 | -10.3 | 150 |
| bta-miR-2443 | -10.3 | 408 |
| bta-miR-2443 | -10.2 | 673 |
| bta-miR-2284h | -19.6 | 166 |
| bta-miR-2284h | -19.1 | 60 |
| bta-miR-2284h | -19.1 | 616 |
| bta-miR-2284h | -18.6 | 429 |
| bta-miR-2284h | -18.5 | 242 |
| bta-miR-2284h | -18.1 | 406 |
| bta-miR-2284h | -17.6 | 366 |
| bta-miR-2284h | -16.8 | 460 |
| bta-miR-2284h | -16.4 | 490 |
| bta-miR-2284h | -16.3 | 327 |
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| bta-miR-2284h | -15.9 | 108 |
| bta-miR-2284h | -15.0 | 273 |

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| bta-miR-2284h | -15.0 | 197 |
| bta-miR-2284h | -14.4 | 689 |
| bta-miR-2284h | -14.4 | 28 |
| bta-miR-2284h | -14.2 | 508 |
| bta-miR-2284h | -13.7 | 11 |
| bta-miR-2284h | -13.2 | 306 |
| bta-miR-2284h | -11.8 | 91 |
| bta-miR-2284h | -11.6 | 229 |
| bta-miR-2284h | -11.5 | 581 |
| bta-miR-2284h | -11.4 | 725 |
| bta-miR-2284h | -11.4 | 669 |
| bta-miR-2284h | -11.2 | 124 |
| bta-miR-2284h | -11.2 | 451 |
| bta-miR-2284h | -10.7 | 558 |
| bta-miR-2284h | -10.7 | 648 |
| bta-miR-2284h | -10.3 | 320 |
| bta-miR-2284h | -10.2 | 635 |
| bta-miR-2284h* | -28.5 | 614 |
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| bta-miR-2284h* | -22.4 | 464 |
| bta-miR-2284h* | -21.1 | 252 |
| bta-miR-2284h* | -20.3 | 436 |
| bta-miR-2284h* | -18.5 | 576 |
| bta-miR-2284h* | -18.2 | 73 |
| bta-miR-2284h* | -17.8 | 8 |
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| bta-miR-2284h* | -16.7 | 277 |
| bta-miR-2284h* | -15.8 | 482 |
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| bta-miR-2284h* | -15.3 | 147 |
| bta-miR-2284h* | -13.7 | 97 |
| bta-miR-2284h* | -13.6 | 525 |
| bta-miR-2284h* | -13.1 | 20 |
| bta-miR-2284h* | -13.0 | 202 |
| bta-miR-2284h* | -12.5 | 551 |
| bta-miR-2284h* | -12.5 | 235 |
| bta-miR-2284h* | -12.2 | 453 |
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| bta-miR-2284h* | -11.4 | 735 |
| bta-miR-2284h* | -11.3 | 604 |
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| bta-miR-2284h* | -10.8 | 371 |
| bta-miR-2444 | -17.8 | 196 |
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| bta-miR-2444 | -14.5 | 149 |
| bta-miR-2444 | -14.0 | 338 |
| bta-miR-2444 | -13.8 | 171 |
| bta-miR-2444 | -13.3 | 592 |
| bta-miR-2444 | -12.7 | 221 |
| bta-miR-2444 | -11.9 | 65 |
| bta-miR-2444 | -11.8 | 726 |
| bta-miR-2444 | -11.7 | 444 |
| bta-miR-2444 | -11.5 | 46 |
| bta-miR-2444 | -11.1 | 470 |
| bta-miR-2444 | -10.9 | 405 |
| bta-miR-2444 | -10.3 | 268 |
| bta-miR-2445 | -29.5 | 440 |

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| bta-miR-2445 | -20.4 | 608 |
| bta-miR-2445 | -16.7 | 348 |
| bta-miR-2445 | -16.7 | 174 |
| bta-miR-2445 | -15.6 | 101 |
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| bta-miR-2445 | -10.4 | 557 |
| bta-miR-2445 | -10.3 | 598 |
| bta-miR-2445 | -10.2 | 570 |
| bta-miR-2445 | -10.1 | 153 |
| bta-miR-2445 | -10.1 | 652 |
| bta-miR-2445 | -10.0 | 166 |
| bta-miR-2446 | -17.0 | 361 |
| bta-miR-2446 | -16.2 | 12 |
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| bta-miR-2446 | -15.0 | 30 |
| bta-miR-2446 | -14.4 | 429 |
| bta-miR-2446 | -14.2 | 308 |
| bta-miR-2446 | -14.2 | 91 |
| bta-miR-2446 | -13.9 | 167 |
| bta-miR-2446 | -13.4 | 72 |
| bta-miR-2446 | -12.9 | 623 |
| bta-miR-2446 | -12.9 | 244 |
| bta-miR-2446 | -12.8 | 482 |
| bta-miR-2446 | -12.7 | 566 |
| bta-miR-2446 | -12.6 | 669 |
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| bta-miR-2446 | -12.1 | 414 |
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| bta-miR-2446 | -11.6 | 715 |
| bta-miR-2446 | -11.5 | 142 |
| bta-miR-2446 | -11.4 | 596 |
| bta-miR-2446 | -11.1 | 342 |
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| bta-miR-2446 | -10.4 | 532 |
| bta-miR-2446 | -10.4 | 235 |
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| bta-miR-2446 | -10.2 | 473 |
| bta-miR-2446 | -10.1 | 740 |
| bta-miR-2446 | -10.1 | 155 |
| bta-miR-2446 | -10.0 | 424 |
| bta-miR-2447 | -31.9 | 411 |
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| bta-miR-2447 | -26.3 | 559 |
| bta-miR-2447 | -26.2 | 479 |
| bta-miR-2447 | -25.9 | 115 |
| bta-miR-2447 | -23.0 | 155 |

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| bta-miR-2447 | -22.3 | 4 |
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| bta-miR-2447 | -19.8 | 41 |
| bta-miR-2447 | -19.8 | 737 |
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| bta-miR-2447 | -17.4 | 358 |
| bta-miR-2447 | -16.5 | 698 |
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| bta-miR-2447 | -16.2 | 376 |
| bta-miR-2447 | -16.0 | 243 |
| bta-miR-2447 | -15.9 | 308 |
| bta-miR-2447 | -15.6 | 337 |
| bta-miR-2447 | -14.3 | 393 |
| bta-miR-2447 | -13.7 | 172 |
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| bta-miR-2447 | -11.6 | 327 |
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| bta-miR-2448* | -19.2 | 462 |
| bta-miR-2448* | -18.2 | 409 |
| bta-miR-2448* | -17.3 | 81 |
| bta-miR-2448* | -16.2 | 25 |
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| bta-miR-2448* | -14.8 | 518 |
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| bta-miR-2448* | -13.8 | 614 |
| bta-miR-2448* | -12.5 | 113 |
| bta-miR-2448* | -12.5 | 266 |
| bta-miR-2448* | -12.3 | 707 |
| bta-miR-2448* | -12.2 | 231 |
| bta-miR-2448* | -12.0 | 12 |
| bta-miR-2448* | -11.4 | 187 |
| bta-miR-2448* | -11.3 | 685 |
| bta-miR-2448* | -11.1 | 598 |
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| bta-miR-2448* | -10.1 | 342 |
| bta-miR-2448 | -28.6 | 109 |
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| bta-miR-2448 | -23.3 | 501 |
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| bta-miR-2448 | -22.2 | 230 |
| bta-miR-2448 | -21.2 | 33 |
| bta-miR-2448 | -20.7 | 324 |

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| bta-miR-2448 | -19.9 | 135 |
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| bta-miR-2448 | -16.4 | 586 |
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| bta-miR-2448 | -15.6 | 702 |
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| bta-miR-2448 | -13.4 | 67 |
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| bta-miR-2449 | -22.0 | 361 |
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| bta-miR-2450c | -23.4 | 353 |
| bta-miR-2450c | -21.6 | 382 |
| bta-miR-2450c | -21.1 | 199 |
| bta-miR-2450c | -21.0 | 469 |
| bta-miR-2450c | -20.7 | 563 |
| bta-miR-2450c | -20.5 | 106 |
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| bta-miR-2450c | -19.0 | 22 |
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| bta-miR-2450c | -18.5 | 602 |

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| bta-miR-2450c | -16.1 | 518 |
| bta-miR-2450c | -15.7 | 654 |
| bta-miR-2450c | -15.3 | 307 |
| bta-miR-2450c | -14.9 | 488 |
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| bta-miR-2450c | -12.3 | 51 |
| bta-miR-2450c | -12.1 | 137 |
| bta-miR-2450c | -11.9 | 545 |
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| bta-miR-2450c | -10.9 | 326 |
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| bta-miR-2450b | -13.6 | 326 |
| bta-miR-2450b | -13.3 | 729 |
| bta-miR-2450b | -13.3 | 148 |
| bta-miR-2450b | -13.1 | 244 |
| bta-miR-2450b | -12.4 | 594 |
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| bta-miR-2450a | -23.1 | 66 |
| bta-miR-2450a | -23.1 | 415 |
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| bta-miR-2450a | -10.0 | 702 |
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| bta-miR-2451 | -25.3 | 185 |
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| bta-miR-2451 | -19.2 | 537 |
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| bta-miR-2451 | -14.5 | 363 |
| bta-miR-2451 | -14.4 | 655 |
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| bta-miR-1777a | -36.5 | 317 |
| bta-miR-1777a | -33.4 | 237 |
| bta-miR-1777a | -32.7 | 117 |
| bta-miR-1777a | -28.7 | 564 |
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| bta-miR-1777a | -26.0 | 163 |

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| bta-miR-1777a | -25.5 | 87 |
| bta-miR-1777a | -23.4 | 386 |
| bta-miR-1777a | -23.1 | 511 |
| bta-miR-1777a | -22.8 | 342 |
| bta-miR-1777a | -20.9 | 291 |
| bta-miR-1777a | -19.4 | 43 |
| bta-miR-1777a | -19.1 | 271 |
| bta-miR-1777a | -17.5 | 582 |
| bta-miR-1777a | -15.7 | 199 |
| bta-miR-1777a | -15.5 | 624 |
| bta-miR-1777a | -15.4 | 695 |
| bta-miR-1777a | -15.0 | 642 |
| bta-miR-1777a | -14.6 | 483 |
| bta-miR-1777a | -14.1 | 740 |
| bta-miR-1777a | -13.5 | 537 |
| bta-miR-1777a | -13.5 | 368 |
| bta-miR-1777a | -11.9 | 146 |
| bta-miR-1777a | -11.6 | 66 |
| bta-miR-2452 | -20.9 | 442 |
| bta-miR-2452 | -20.6 | 608 |
| bta-miR-2452 | -19.6 | 225 |
| bta-miR-2452 | -18.9 | 174 |
| bta-miR-2452 | -18.8 | 479 |
| bta-miR-2452 | -18.1 | 153 |
| bta-miR-2452 | -15.9 | 506 |
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| bta-miR-2452 | -15.0 | 102 |
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| bta-miR-2452 | -10.4 | 218 |
| bta-miR-2452 | -10.2 | 574 |
| bta-miR-2453 | -36.5 | 416 |
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| bta-miR-2453 | -27.9 | 84 |
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| bta-miR-2453 | -26.5 | 561 |
| bta-miR-2453 | -25.5 | 378 |
| bta-miR-2453 | -25.0 | 347 |
| bta-miR-2453 | -24.0 | 51 |
| bta-miR-2453 | -22.6 | 19 |
| bta-miR-2453 | -22.5 | 505 |
| bta-miR-2453 | -20.0 | 658 |
| bta-miR-2453 | -19.9 | 244 |
| bta-miR-2453 | -18.9 | 117 |
| bta-miR-2453 | -18.8 | 619 |
| bta-miR-2453 | -17.5 | 483 |
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| bta-miR-2453 | -17.2 | 686 |

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| bta-miR-2453 | -13.6 | 316 |
| bta-miR-2453 | -13.6 | 739 |
| bta-miR-2453 | -13.6 | 235 |
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| bta-miR-2453 | -12.0 | 527 |
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| bta-miR-2453 | -10.9 | 271 |
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| bta-miR-2453 | -10.3 | 408 |
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| bta-miR-2454 | -30.5 | 86 |
| bta-miR-2454 | -29.6 | 473 |
| bta-miR-2454 | -27.6 | 212 |
| bta-miR-2454 | -27.5 | 577 |
| bta-miR-2454 | -27.2 | 363 |
| bta-miR-2454 | -26.6 | 58 |
| bta-miR-2454 | -25.7 | 261 |
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| bta-miR-2454 | -24.0 | 544 |
| bta-miR-2454 | -23.1 | 654 |
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| bta-miR-2454 | -17.5 | 738 |
| bta-miR-2454 | -17.0 | 454 |
| bta-miR-2454 | -15.6 | 280 |
| bta-miR-2454 | -15.6 | 39 |
| bta-miR-2454 | -15.2 | 631 |
| bta-miR-2454 | -13.5 | 520 |
| bta-miR-2454 | -13.2 | 386 |
| bta-miR-2454 | -13.2 | 566 |
| bta-miR-2454 | -12.4 | 681 |
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| bta-miR-2454 | -11.1 | 193 |
| bta-miR-2454 | -10.7 | 288 |
| bta-miR-2454 | -10.7 | 465 |
| bta-miR-2454* | -28.2 | 614 |
| bta-miR-2454* | -28.2 | 202 |
| bta-miR-2454* | -25.5 | 439 |
| bta-miR-2454* | -21.8 | 65 |
| bta-miR-2454* | -21.3 | 479 |
| bta-miR-2454* | -21.1 | 411 |
| bta-miR-2454* | -20.0 | 232 |
| bta-miR-2454* | -19.5 | 265 |
| bta-miR-2454* | -18.8 | 11 |
| bta-miR-2454* | -18.5 | 114 |
| bta-miR-2454* | -18.3 | 348 |
| bta-miR-2454* | -18.1 | 598 |
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| bta-miR-2454* | -14.5 | 455 |

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| bta-miR-2454* | -13.1 | 425 |
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| bta-miR-2454* | -12.3 | 41 |
| bta-miR-2454* | -11.9 | 242 |
| bta-miR-2454* | -11.8 | 737 |
| bta-miR-2454* | -11.6 | 376 |
| bta-miR-2454* | -11.4 | 575 |
| bta-miR-2454* | -10.5 | 669 |
| bta-miR-2455 | -35.0 | 421 |
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| bta-miR-2455 | -26.7 | 467 |
| bta-miR-2455 | -26.4 | 110 |
| bta-miR-2455 | -26.4 | 362 |
| bta-miR-2455 | -25.7 | 186 |
| bta-miR-2455 | -25.0 | 390 |
| bta-miR-2455 | -23.3 | 86 |
| bta-miR-2455 | -23.0 | 163 |
| bta-miR-2455 | -22.9 | 209 |
| bta-miR-2455 | -22.3 | 33 |
| bta-miR-2455 | -21.8 | 2 |
| bta-miR-2455 | -20.5 | 502 |
| bta-miR-2455 | -20.5 | 321 |
| bta-miR-2455 | -18.5 | 623 |
| bta-miR-2455 | -16.4 | 289 |
| bta-miR-2455 | -16.3 | 561 |
| bta-miR-2455 | -15.9 | 641 |
| bta-miR-2455 | -15.8 | 19 |
| bta-miR-2455 | -15.5 | 665 |
| bta-miR-2455 | -14.0 | 694 |
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| bta-miR-2455 | -12.7 | 73 |
| bta-miR-2455 | -12.6 | 521 |
| bta-miR-2455 | -12.4 | 606 |
| bta-miR-2455 | -12.0 | 541 |
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| bta-miR-2455 | -10.6 | 242 |
| bta-miR-2455 | -10.2 | 443 |
| bta-miR-339b | -28.5 | 622 |
| bta-miR-339b | -28.3 | 472 |
| bta-miR-339b | -27.4 | 576 |
| bta-miR-339b | -25.1 | 204 |
| bta-miR-339b | -24.4 | 418 |
| bta-miR-339b | -22.4 | 58 |
| bta-miR-339b | -21.1 | 357 |
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| bta-miR-339b | -18.1 | 166 |
| bta-miR-339b | -17.5 | 394 |
| bta-miR-339b | -16.3 | 5 |
| bta-miR-339b | -15.4 | 86 |
| bta-miR-339b | -15.3 | 281 |
| bta-miR-339b | -14.7 | 28 |
| bta-miR-339b | -14.2 | 342 |
| bta-miR-339b | -14.0 | 502 |
| bta-miR-339b | -13.4 | 455 |

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| bta-miR-339b | -12.1 | 190 |
| bta-miR-339b | -11.9 | 465 |
| bta-miR-339b | -11.9 | 698 |
| bta-miR-339b | -11.8 | 559 |
| bta-miR-339b | -11.5 | 737 |
| bta-miR-339b | -11.1 | 139 |
| bta-miR-339b | -10.9 | 129 |
| bta-miR-339b | -10.7 | 653 |
| bta-miR-1434* | -16.3 | 576 |
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| bta-miR-1434* | -14.6 | 653 |
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| bta-miR-1434* | -13.9 | 449 |
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| bta-miR-1434* | -13.2 | 506 |
| bta-miR-1434* | -13.1 | 338 |
| bta-miR-1434* | -12.3 | 224 |
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| bta-miR-1434 | -13.9 | 423 |
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| bta-miR-1777b | -27.6 | 461 |
| bta-miR-1777b | -27.1 | 163 |
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| bta-miR-1777b | -22.8 | 342 |
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| bta-miR-2461-5p | -14.3 | 658 |
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| bta-miR-2461-5p | -12.3 | 380 |
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| bta-miR-2461-3p | -20.5 | 269 |
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| bta-miR-2461-3p | -16.1 | 114 |
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| bta-miR-2462 | -15.8 | 80 |
| bta-miR-2462 | -14.9 | 243 |

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| bta-miR-2462 | -14.6 | 43 |
| bta-miR-2462 | -14.2 | 271 |
| bta-miR-2462 | -13.9 | 512 |
| bta-miR-2462 | -13.6 | 353 |
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| bta-miR-2462 | -11.1 | 136 |
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| bta-miR-2464-5p | -16.4 | 637 |
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| bta-miR-2466-5p | -28.0 | 381 |
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| bta-miR-2466-5p | -24.0 | 160 |
| bta-miR-2466-5p | -23.4 | 84 |
| bta-miR-2466-5p | -22.2 | 425 |
| bta-miR-2466-5p | -21.8 | 56 |
| bta-miR-2466-5p | -21.7 | 469 |
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| bta-miR-2471* | -16.5 | 559 |
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| bta-miR-2473 | -21.9 | 616 |

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| bta-miR-2473 | -13.0 | 487 |
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| bta-miR-2474 | -13.9 | 181 |
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| bta-miR-2474 | -13.5 | 605 |
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| bta-miR-2475 | -18.0 | 266 |
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| bta-miR-2477 | -16.1 | 235 |
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| bta-miR-2477 | -14.6 | 114 |
| bta-miR-2477 | -14.5 | 199 |
| bta-miR-2477 | -14.4 | 702 |
| bta-miR-2477 | -13.4 | 154 |
| bta-miR-2477 | -12.7 | 618 |
| bta-miR-2477 | -12.5 | 266 |
| bta-miR-2477 | -12.2 | 737 |
| bta-miR-2477 | -12.1 | 395 |
| bta-miR-2477 | -12.0 | 518 |
| bta-miR-2477 | -12.0 | 539 |
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| bta-miR-2477 | -11.2 | 343 |
| bta-miR-2477 | -10.7 | 418 |
| bta-miR-2477 | -10.6 | 481 |
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| bta-miR-2477 | -10.5 | 71 |
| bta-miR-2478 | -24.3 | 609 |
| bta-miR-2478 | -22.6 | 7 |

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| bta-miR-2478 | -16.2 | 493 |
| bta-miR-2478 | -15.7 | 464 |
| bta-miR-2478 | -15.7 | 408 |
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| bta-miR-2479 | -13.2 | 225 |
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| bta-miR-2479 | -12.7 | 268 |
| bta-miR-2479 | -12.6 | 598 |
| bta-miR-2479 | -12.6 | 405 |
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| bta-miR-2480 | -10.3 | 299 |
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| bta-miR-2481 | -23.7 | 162 |
| bta-miR-2481 | -21.0 | 188 |
| bta-miR-2481 | -20.7 | 48 |
| bta-miR-2481 | -19.8 | 361 |
| bta-miR-2481 | -19.6 | 592 |
| bta-miR-2481 | -19.4 | 480 |
| bta-miR-2481 | -17.9 | 507 |

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| bta-miR-2481 | -11.0 | 110 |
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| bta-miR-2481 | -10.2 | 701 |
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| bta-miR-2483* | -21.2 | 419 |
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| bta-miR-2483* | -18.6 | 67 |
| bta-miR-2483* | -18.3 | 623 |
| bta-miR-2483* | -17.6 | 104 |
| bta-miR-2483* | -17.6 | 165 |
| bta-miR-2483* | -17.5 | 651 |
| bta-miR-2483* | -16.5 | 446 |
| bta-miR-2483* | -15.5 | 471 |
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| bta-miR-2483* | -15.1 | 200 |
| bta-miR-2483* | -14.0 | 351 |

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| bta-miR-2483* | -13.6 | 731 |
| bta-miR-2483* | -13.0 | 37 |
| bta-miR-2483* | -12.5 | 369 |
| bta-miR-2483* | -12.2 | 272 |
| bta-miR-2483* | -12.0 | 586 |
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| bta-miR-2483* | -10.2 | 147 |
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| bta-miR-2483 | -17.0 | 165 |
| bta-miR-2483 | -16.3 | 259 |
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| bta-miR-2483 | -14.0 | 45 |
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| bta-miR-2483 | -13.7 | 623 |
| bta-miR-2483 | -13.7 | 456 |
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| bta-miR-2483 | -12.2 | 332 |
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| bta-miR-2484 | -14.2 | 86 |
| bta-miR-2484 | -13.8 | 232 |
| bta-miR-2484 | -13.2 | 293 |
| bta-miR-2484 | -13.0 | 525 |
| bta-miR-2484 | -12.7 | 147 |
| bta-miR-2484 | -12.5 | 20 |

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| bta-miR-2484 | -10.5 | 478 |
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| bta-miR-664 | -23.2 | 235 |
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| bta-miR-664 | -21.8 | 120 |
| bta-miR-664 | -21.8 | 191 |
| bta-miR-664 | -21.4 | 561 |
| bta-miR-664 | -21.1 | 501 |
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| bta-miR-664 | -18.6 | 584 |
| bta-miR-664 | -18.5 | 299 |
| bta-miR-664 | -18.1 | 650 |
| bta-miR-664 | -16.3 | 53 |
| bta-miR-664 | -15.2 | 169 |
| bta-miR-664 | -15.2 | 429 |
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| bta-miR-664 | -11.8 | 137 |
| bta-miR-664 | -11.8 | 739 |
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| bta-miR-2485 | -18.4 | 457 |
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| bta-miR-2485 | -13.7 | 307 |
| bta-miR-2485 | -13.6 | 579 |
| bta-miR-2485 | -13.4 | 739 |
| bta-miR-2485 | -13.4 | 167 |
| bta-miR-2485 | -12.4 | 261 |
| bta-miR-2485 | -12.2 | 232 |
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| bta-miR-2485 | -11.7 | 341 |

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| bta-miR-2485 | -11.2 | 408 |
| bta-miR-2485 | -10.5 | 399 |
| bta-miR-2485 | -10.1 | 549 |
| bta-miR-2284e | -17.7 | 220 |
| bta-miR-2284e | -17.5 | 443 |
| bta-miR-2284e | -15.5 | 83 |
| bta-miR-2284e | -15.0 | 610 |
| bta-miR-2284e | -14.8 | 173 |
| bta-miR-2284e | -14.3 | 240 |
| bta-miR-2284e | -13.7 | 102 |
| bta-miR-2284e | -13.5 | 405 |
| bta-miR-2284e | -13.4 | 596 |
| bta-miR-2284e | -13.0 | 14 |
| bta-miR-2284e | -12.8 | 506 |
| bta-miR-2284e | -12.8 | 348 |
| bta-miR-2284e | -12.8 | 60 |
| bta-miR-2284e | -12.3 | 460 |
| bta-miR-2284e | -12.2 | 710 |
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| bta-miR-2284e | -11.1 | 309 |
| bta-miR-2284e | -11.0 | 566 |
| bta-miR-2284e | -10.7 | 574 |
| bta-miR-2284e | -10.7 | 689 |
| bta-miR-2284e | -10.6 | 629 |
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| bta-miR-2284e | -10.4 | 735 |
| bta-miR-2486 | -25.6 | 163 |
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| bta-miR-2486 | -25.2 | 362 |
| bta-miR-2486 | -23.8 | 324 |
| bta-miR-2486 | -22.2 | 247 |
| bta-miR-2486 | -22.1 | 649 |
| bta-miR-2486 | -22.1 | 624 |
| bta-miR-2486 | -21.5 | 135 |
| bta-miR-2486 | -21.5 | 474 |
| bta-miR-2486 | -21.5 | 561 |
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| bta-miR-2486 | -10.0 | 524 |
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| bta-miR-2486* | -21.0 | 352 |
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| bta-miR-2486* | -17.0 | 171 |
| bta-miR-2486* | -16.9 | 605 |
| bta-miR-2486* | -16.8 | 487 |
| bta-miR-2486* | -16.5 | 694 |
| bta-miR-2486* | -16.3 | 66 |
| bta-miR-2486* | -16.3 | 381 |
| bta-miR-2486* | -16.3 | 456 |
| bta-miR-2486* | -15.4 | 307 |
| bta-miR-2486* | -14.7 | 539 |
| bta-miR-2486* | -14.6 | 83 |
| bta-miR-2486* | -14.3 | 319 |
| bta-miR-2486* | -13.6 | 710 |
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| bta-miR-2486* | -13.2 | 732 |
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| bta-miR-2486* | -13.0 | 516 |
| bta-miR-2486* | -12.7 | 51 |
| bta-miR-2486* | -12.3 | 149 |
| bta-miR-2486* | -12.1 | 631 |
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| bta-miR-2486* | -11.4 | 118 |
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| bta-miR-2487 | -25.4 | 596 |
| bta-miR-2487 | -24.6 | 229 |
| bta-miR-2487 | -24.4 | 85 |
| bta-miR-2487 | -23.6 | 352 |
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| bta-miR-2487 | -11.9 | 116 |
| bta-miR-2487 | -11.9 | 698 |
| bta-miR-2487 | -11.5 | 304 |
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| bta-miR-2487 | -11.2 | 271 |
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| bta-miR-2488 | -20.0 | 174 |

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| bta-miR-2488 | -15.5 | 218 |
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| bta-miR-2488 | -12.9 | 630 |
| bta-miR-2488 | -12.9 | 411 |
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| bta-miR-2488 | -10.1 | 154 |
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| bta-miR-1388-5p | -15.4 | 276 |
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| bta-miR-1388-5p | -14.5 | 170 |
| bta-miR-1388-5p | -13.4 | 432 |
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| bta-miR-1388-3p | -25.3 | 69 |
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| bta-miR-1388-3p | -22.6 | 172 |
| bta-miR-1388-3p | -22.6 | 583 |
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| bta-miR-1388-3p | -16.6 | 155 |
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| bta-miR-1388-3p | -16.1 | 337 |
| bta-miR-1388-3p | -16.1 | 220 |
| bta-miR-1388-3p | -16.0 | 658 |

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| bta-miR-1388-3p | -12.5 | 464 |
| bta-miR-1388-3p | -11.7 | 543 |
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| bta-miR-1388-3p | -10.6 | 304 |
| bta-miR-1388-3p | -10.2 | 634 |
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| bta-miR-1468 | -25.2 | 263 |
| bta-miR-1468 | -22.2 | 64 |
| bta-miR-1468 | -21.5 | 198 |
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| bta-miR-1468 | -19.5 | 414 |
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| bta-miR-1468 | -13.7 | 653 |
| bta-miR-1468 | -13.4 | 736 |
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| bta-miR-1468 | -11.1 | 238 |
| bta-miR-1468 | -10.7 | 182 |
| bta-miR-1468 | -10.6 | 463 |
| bta-miR-1468 | -10.3 | 296 |
| bta-miR-1468 | -10.3 | 516 |
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| bta-miR-424 | -14.4 | 544 |
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| bta-miR-424 | -12.8 | 516 |
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| bta-miR-424 | -11.9 | 45 |
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| bta-miR-424 | -11.8 | 626 |
| bta-miR-424 | -10.6 | 299 |
| bta-miR-424 | -10.3 | 696 |
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| bta-miR-424* | -19.5 | 617 |
| bta-miR-424* | -18.9 | 265 |

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| bta-miR-542-5p | -26.2 | 352 |
| bta-miR-542-5p | -24.5 | 412 |
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| bta-miR-542-5p | -16.8 | 605 |
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| bta-miR-542-5p | -13.3 | 329 |
| bta-miR-542-5p | -13.3 | 711 |
| bta-miR-542-5p | -13.3 | 738 |
| bta-miR-542-5p | -13.2 | 567 |
| bta-miR-542-5p | -11.9 | 267 |
| bta-miR-542-5p | -11.9 | 40 |
| bta-miR-542-5p | -11.4 | 62 |
| bta-miR-542-5p | -10.9 | 368 |
| bta-miR-542-5p | -10.8 | 475 |
| bta-miR-542-5p | -10.7 | 336 |

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| bta-miR-2917 | -13.6 | 379 |
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| bta-miR-2917 | -10.9 | 191 |
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| bta-miR-2917 | -10.4 | 114 |
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| bta-miR-193a | -19.6 | 155 |
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| bta-miR-193a | -16.1 | 738 |
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| bta-miR-193a | -15.5 | 346 |
| bta-miR-193a | -15.3 | 72 |
| bta-miR-193a | -15.1 | 623 |
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| bta-miR-193a | -13.9 | 659 |
| bta-miR-193a | -12.2 | 413 |
| bta-miR-193a | -12.0 | 402 |
| bta-miR-193a | -11.0 | 520 |
| bta-miR-193a | -10.7 | 172 |
| bta-miR-193a | -10.4 | 136 |
| bta-miR-193a | -10.2 | 324 |
| bta-miR-193a | -10.1 | 364 |
| bta-miR-669 | -25.6 | 10 |
| bta-miR-669 | -25.2 | 369 |

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| bta-miR-669 | -19.7 | 38 |
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| bta-miR-669 | -19.0 | 172 |
| bta-miR-669 | -18.9 | 304 |
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| bta-miR-669 | -13.7 | 518 |
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| bta-miR-669 | -10.6 | 330 |
| bta-miR-669 | -10.3 | 388 |
| bta-miR-669 | -10.1 | 167 |
| bta-miR-2881 | -33.5 | 308 |
| bta-miR-2881 | -30.5 | 237 |
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| bta-miR-2881 | -12.2 | 594 |
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| bta-miR-2881 | -11.6 | 541 |
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| bta-miR-2881 | -10.1 | 483 |
| bta-miR-2882 | -36.6 | 614 |
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| bta-miR-2882 | -30.2 | 67 |
| bta-miR-2882 | -27.9 | 410 |

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| bta-miR-2882 | -16.3 | 575 |
| bta-miR-2882 | -14.6 | 357 |
| bta-miR-2882 | -14.1 | 429 |
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| bta-miR-2882 | -12.0 | 740 |
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| bta-miR-2882 | -11.0 | 546 |
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| bta-miR-2883 | -20.5 | 464 |
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| bta-miR-2883 | -14.8 | 107 |
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| bta-miR-2885 | -23.9 | 167 |
| bta-miR-2885 | -23.4 | 457 |
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| bta-miR-2885 | -21.1 | 12 |
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| bta-miR-2885 | -16.3 | 262 |
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| bta-miR-2887 | -21.3 | 148 |
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| bta-miR-2889 | -37.3 | 617 |
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| bta-miR-2889 | -13.0 | 515 |
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| bta-miR-2889 | -12.4 | 141 |
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| bta-miR-2889 | -11.8 | 710 |
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| bta-miR-2890 | -38.3 | 604 |
| bta-miR-2890 | -29.1 | 66 |
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| bta-miR-2890 | -23.1 | 234 |
| bta-miR-2890 | -22.0 | 109 |
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| bta-miR-2284w | -15.0 | 28 |
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| bta-miR-2284w | -14.1 | 306 |
| bta-miR-2284w | -13.5 | 1 |
| bta-miR-2284w | -13.0 | 423 |
| bta-miR-2284w | -12.8 | 327 |
| bta-miR-2284w | -11.5 | 281 |
| bta-miR-2284w | -11.5 | 142 |

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| bta-miR-2284w | -11.4 | 49 |
| bta-miR-2284w | -11.3 | 184 |
| bta-miR-2284w | -10.9 | 689 |
| bta-miR-2284w | -10.7 | 91 |
| bta-miR-2284w | -10.7 | 441 |
| bta-miR-2284w | -10.7 | 581 |
| bta-miR-2284w | -10.5 | 552 |
| bta-miR-2284w | -10.5 | 663 |
| bta-miR-2284w | -10.3 | 320 |
| bta-miR-3431 | -25.7 | 401 |
| bta-miR-3431 | -25.2 | 144 |
| bta-miR-3431 | -24.4 | 602 |
| bta-miR-3431 | -22.9 | 4 |
| bta-miR-3431 | -22.6 | 459 |
| bta-miR-3431 | -22.1 | 565 |
| bta-miR-3431 | -21.8 | 206 |
| bta-miR-3431 | -21.6 | 73 |
| bta-miR-3431 | -21.2 | 256 |
| bta-miR-3431 | -20.7 | 95 |
| bta-miR-3431 | -20.4 | 488 |
| bta-miR-3431 | -19.6 | 431 |
| bta-miR-3431 | -19.0 | 624 |
| bta-miR-3431 | -18.2 | 354 |
| bta-miR-3431 | -16.9 | 121 |
| bta-miR-3431 | -16.0 | 180 |
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| bta-miR-3431 | -14.4 | 325 |
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| bta-miR-3431 | -13.5 | 379 |
| bta-miR-3431 | -13.3 | 739 |
| bta-miR-3431 | -13.1 | 32 |
| bta-miR-3431 | -12.5 | 191 |
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| bta-miR-3431 | -11.6 | 317 |
| bta-miR-3431 | -11.4 | 299 |
| bta-miR-3431 | -10.8 | 551 |
| bta-miR-3431 | -10.2 | 136 |
| bta-miR-2284x | -18.1 | 166 |
| bta-miR-2284x | -17.6 | 366 |
| bta-miR-2284x | -16.4 | 405 |
| bta-miR-2284x | -15.9 | 108 |
| bta-miR-2284x | -15.7 | 273 |
| bta-miR-2284x | -15.7 | 621 |
| bta-miR-2284x | -15.5 | 48 |
| bta-miR-2284x | -15.4 | 470 |
| bta-miR-2284x | -15.1 | 507 |
| bta-miR-2284x | -14.2 | 327 |
| bta-miR-2284x | -14.1 | 451 |
| bta-miR-2284x | -13.7 | 11 |
| bta-miR-2284x | -13.6 | 596 |
| bta-miR-2284x | -13.6 | 196 |
| bta-miR-2284x | -13.2 | 306 |
| bta-miR-2284x | -13.1 | 241 |
| bta-miR-2284x | -13.1 | 706 |
| bta-miR-2284x | -13.0 | 423 |

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| bta-miR-2284x | -11.8 | 91 |
| bta-miR-2284x | -11.6 | 124 |
| bta-miR-2284x | -11.5 | 81 |
| bta-miR-2284x | -11.5 | 581 |
| bta-miR-2284x | -11.5 | 557 |
| bta-miR-2284x | -11.2 | 460 |
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| bta-miR-2284x | -10.3 | 320 |
| bta-miR-2284x | -10.3 | 490 |
| bta-miR-2284x | -10.3 | 604 |
| bta-miR-2284x | -10.3 | 260 |
| bta-miR-2284x | -10.1 | 350 |
| bta-miR-3432 | -23.1 | 408 |
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| bta-miR-3432 | -21.5 | 563 |
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| bta-miR-3432 | -18.5 | 73 |
| bta-miR-3432 | -18.4 | 367 |
| bta-miR-3432 | -17.8 | 51 |
| bta-miR-3432 | -17.5 | 13 |
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| bta-miR-3432 | -17.2 | 210 |
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| bta-miR-3432 | -16.8 | 454 |
| bta-miR-3432 | -16.1 | 586 |
| bta-miR-3432 | -15.5 | 147 |
| bta-miR-3432 | -15.1 | 696 |
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| bta-miR-3432 | -14.6 | 297 |
| bta-miR-3432 | -14.6 | 602 |
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| bta-miR-3432 | -13.0 | 431 |
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| bta-miR-3432 | -12.1 | 106 |
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| bta-miR-3432 | -11.3 | 140 |
| bta-miR-3432 | -10.3 | 635 |
| bta-miR-3432 | -10.1 | 473 |
| bta-miR-3600 | -26.3 | 558 |
| bta-miR-3600 | -25.3 | 423 |
| bta-miR-3600 | -20.9 | 114 |
| bta-miR-3600 | -20.9 | 4 |
| bta-miR-3600 | -20.3 | 61 |
| bta-miR-3600 | -20.0 | 408 |
| bta-miR-3600 | -19.1 | 154 |
| bta-miR-3600 | -17.6 | 616 |
| bta-miR-3600 | -17.5 | 486 |
| bta-miR-3600 | -16.9 | 357 |
| bta-miR-3600 | -16.7 | 204 |
| bta-miR-3600 | -16.4 | 28 |
| bta-miR-3600 | -16.0 | 265 |
| bta-miR-3600 | -16.0 | 233 |

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| bta-miR-3600 | -16.0 | 586 |
| bta-miR-3600 | -15.7 | 542 |
| bta-miR-3600 | -15.3 | 473 |
| bta-miR-3600 | -14.8 | 742 |
| bta-miR-3600 | -14.6 | 512 |
| bta-miR-3600 | -13.9 | 663 |
| bta-miR-3600 | -13.6 | 342 |
| bta-miR-3600 | -12.5 | 375 |
| bta-miR-3600 | -12.5 | 303 |
| bta-miR-3600 | -11.9 | 96 |
| bta-miR-3600 | -11.6 | 696 |
| bta-miR-3600 | -11.6 | 605 |
| bta-miR-3600 | -11.4 | 51 |
| bta-miR-3600 | -10.8 | 462 |
| bta-miR-3600 | -10.4 | 643 |
| bta-miR-3600 | -10.1 | 43 |
| bta-miR-2957 | -24.0 | 20 |
| bta-miR-2957 | -23.5 | 603 |
| bta-miR-2957 | -20.2 | 263 |
| bta-miR-2957 | -19.8 | 358 |
| bta-miR-2957 | -19.8 | 408 |
| bta-miR-2957 | -19.5 | 488 |
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| bta-miR-2957 | -15.9 | 165 |
| bta-miR-2957 | -15.4 | 3 |
| bta-miR-2957 | -15.4 | 516 |
| bta-miR-2957 | -14.3 | 697 |
| bta-miR-2957 | -13.7 | 631 |
| bta-miR-2957 | -13.1 | 88 |
| bta-miR-2957 | -13.0 | 234 |
| bta-miR-2957 | -13.0 | 379 |
| bta-miR-2957 | -12.9 | 344 |
| bta-miR-2957 | -12.8 | 543 |
| bta-miR-2957 | -12.4 | 185 |
| bta-miR-2957 | -12.2 | 451 |
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| bta-miR-2957 | -11.8 | 655 |
| bta-miR-2957 | -11.6 | 566 |
| bta-miR-2957 | -11.1 | 115 |
| bta-miR-2957 | -10.1 | 463 |
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| bta-miR-3578 | -15.5 | 434 |
| bta-miR-3578 | -15.4 | 548 |
| bta-miR-3578 | -15.3 | 69 |
| bta-miR-3578 | -14.7 | 492 |
| bta-miR-3578 | -14.1 | 257 |
| bta-miR-3578 | -13.9 | 630 |
| bta-miR-3578 | -12.7 | 454 |
| bta-miR-3578 | -12.2 | 36 |
| bta-miR-3578 | -11.9 | 517 |
| bta-miR-3578 | -11.9 | 709 |
| bta-miR-3578 | -11.1 | 357 |
| bta-miR-3578 | -10.4 | 537 |
| bta-miR-3578 | -10.2 | 218 |

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| bta-miR-3578 | -10.0 | 388 |
| bta-miR-3578 | -10.0 | 575 |
| bta-miR-409b | -27.9 | 16 |
| bta-miR-409b | -24.3 | 412 |
| bta-miR-409b | -23.7 | 616 |
| bta-miR-409b | -22.7 | 496 |
| bta-miR-409b | -22.6 | 229 |
| bta-miR-409b | -21.5 | 80 |
| bta-miR-409b | -20.0 | 546 |
| bta-miR-409b | -19.3 | 265 |
| bta-miR-409b | -19.2 | 454 |
| bta-miR-409b | -18.8 | 307 |
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| bta-miR-409b | -16.5 | 583 |
| bta-miR-409b | -16.2 | 657 |
| bta-miR-409b | -15.6 | 130 |
| bta-miR-409b | -15.4 | 39 |
| bta-miR-409b | -15.1 | 519 |
| bta-miR-409b | -15.0 | 156 |
| bta-miR-409b | -15.0 | 185 |
| bta-miR-409b | -14.6 | 478 |
| bta-miR-409b | -14.4 | 696 |
| bta-miR-409b | -13.9 | 250 |
| bta-miR-409b | -13.9 | 376 |
| bta-miR-409b | -13.5 | 109 |
| bta-miR-409b | -13.5 | 743 |
| bta-miR-409b | -13.3 | 327 |
| bta-miR-409b | -13.1 | 172 |
| bta-miR-409b | -12.2 | 199 |
| bta-miR-409b | -12.2 | 429 |
| bta-miR-409b | -11.1 | 606 |
| bta-miR-409b | -10.9 | 293 |
| bta-miR-409b | -10.3 | 366 |
| bta-miR-409b | -10.2 | 404 |
| bta-miR-409b | -10.0 | 436 |
| bta-miR-3601 | -24.4 | 449 |
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| bta-miR-3601 | -21.5 | 614 |
| bta-miR-3601 | -18.7 | 1 |
| bta-miR-3601 | -18.0 | 267 |
| bta-miR-3601 | -17.3 | 173 |
| bta-miR-3601 | -16.5 | 39 |
| bta-miR-3601 | -15.9 | 598 |
| bta-miR-3601 | -15.5 | 422 |
| bta-miR-3601 | -15.3 | 215 |
| bta-miR-3601 | -14.7 | 497 |
| bta-miR-3601 | -14.5 | 371 |
| bta-miR-3601 | -14.1 | 298 |
| bta-miR-3601 | -13.3 | 576 |
| bta-miR-3601 | -12.8 | 20 |
| bta-miR-3601 | -12.5 | 113 |
| bta-miR-3601 | -12.4 | 655 |
| bta-miR-3601 | -12.1 | 343 |
| bta-miR-3601 | -10.9 | 140 |
| bta-miR-3601 | -10.9 | 384 |
| bta-miR-3601 | -10.8 | 523 |
| bta-miR-3601 | -10.6 | 710 |
| bta-miR-3601 | -10.5 | 250 |

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| bta-miR-3601 | -10.1 | 412 |
| bta-miR-3602 | -22.2 | 657 |
| bta-miR-3602 | -21.0 | 408 |
| bta-miR-3602 | -20.0 | 13 |
| bta-miR-3602 | -19.8 | 86 |
| bta-miR-3602 | -19.5 | 562 |
| bta-miR-3602 | -18.7 | 459 |
| bta-miR-3602 | -18.5 | 492 |
| bta-miR-3602 | -18.1 | 341 |
| bta-miR-3602 | -17.8 | 162 |
| bta-miR-3602 | -17.7 | 628 |
| bta-miR-3602 | -17.4 | 307 |
| bta-miR-3602 | -17.4 | 116 |
| bta-miR-3602 | -17.0 | 360 |
| bta-miR-3602 | -16.7 | 477 |
| bta-miR-3602 | -16.5 | 40 |
| bta-miR-3602 | -15.3 | 180 |
| bta-miR-3602 | -14.9 | 244 |
| bta-miR-3602 | -14.8 | 266 |
| bta-miR-3602 | -14.6 | 615 |
| bta-miR-3602 | -14.1 | 142 |
| bta-miR-3602 | -13.8 | 541 |
| bta-miR-3602 | -12.5 | 226 |
| bta-miR-3602 | -12.2 | 596 |
| bta-miR-3602 | -12.1 | 66 |
| bta-miR-3602 | -12.0 | 330 |
| bta-miR-3602 | -12.0 | 702 |
| bta-miR-3602 | -11.6 | 387 |
| bta-miR-3602 | -11.5 | 428 |
| bta-miR-3602 | -10.9 | 206 |
| bta-miR-3602 | -10.9 | 445 |
| bta-miR-3602 | -10.8 | 377 |
| bta-miR-3602 | -10.3 | 734 |
| bta-miR-26c | -22.8 | 573 |
| bta-miR-26c | -22.5 | 76 |
| bta-miR-26c | -21.8 | 411 |
| bta-miR-26c | -20.1 | 607 |
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| bta-miR-26c | -17.3 | 461 |
| bta-miR-26c | -16.8 | 263 |
| bta-miR-26c | -16.7 | 227 |
| bta-miR-26c | -16.0 | 437 |
| bta-miR-26c | -15.0 | 23 |
| bta-miR-26c | -14.6 | 485 |
| bta-miR-26c | -14.3 | 145 |
| bta-miR-26c | -14.3 | 169 |
| bta-miR-26c | -14.3 | 357 |
| bta-miR-26c | -14.0 | 680 |
| bta-miR-26c | -13.1 | 514 |
| bta-miR-26c | -12.7 | 202 |
| bta-miR-26c | -12.0 | 123 |
| bta-miR-26c | -11.3 | 626 |
| bta-miR-26c | -11.2 | 651 |
| bta-miR-26c | -11.1 | 311 |
| bta-miR-26c | -10.9 | 390 |
| bta-miR-26c | -10.0 | 732 |
| bta-miR-3604 | -23.2 | 10 |
| bta-miR-3604 | -22.1 | 410 |

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| bta-miR-3604 | -19.2 | 494 |
| bta-miR-3604 | -18.0 | 617 |
| bta-miR-3604 | -17.9 | 80 |
| bta-miR-3604 | -17.8 | 264 |
| bta-miR-3604 | -16.9 | 60 |
| bta-miR-3604 | -15.7 | 576 |
| bta-miR-3604 | -15.6 | 632 |
| bta-miR-3604 | -14.1 | 424 |
| bta-miR-3604 | -13.7 | 115 |
| bta-miR-3604 | -13.5 | 555 |
| bta-miR-3604 | -13.4 | 695 |
| bta-miR-3604 | -12.6 | 199 |
| bta-miR-3604 | -12.0 | 344 |
| bta-miR-3604 | -11.8 | 463 |
| bta-miR-3604 | -11.5 | 393 |
| bta-miR-3604 | -11.1 | 230 |
| bta-miR-3604 | -10.9 | 741 |
| bta-miR-3604 | -10.7 | 165 |
| bta-miR-3604 | -10.6 | 530 |
| bta-miR-3604 | -10.6 | 541 |
| bta-miR-3604 | -10.6 | 666 |
| bta-miR-3604 | -10.4 | 602 |
| bta-miR-3604 | -10.2 | 4 |
| bta-miR-3596 | -23.2 | 615 |
| bta-miR-3596 | -18.9 | 657 |
| bta-miR-3596 | -18.8 | 69 |
| bta-miR-3596 | -17.4 | 11 |
| bta-miR-3596 | -16.3 | 478 |
| bta-miR-3596 | -16.0 | 448 |
| bta-miR-3596 | -14.8 | 217 |
| bta-miR-3596 | -14.6 | 517 |
| bta-miR-3596 | -14.4 | 412 |
| bta-miR-3596 | -14.2 | 350 |
| bta-miR-3596 | -13.9 | 265 |
| bta-miR-3596 | -13.3 | 575 |
| bta-miR-3596 | -13.2 | 542 |
| bta-miR-3596 | -11.6 | 174 |
| bta-miR-3596 | -11.1 | 737 |
| bta-miR-3596 | -10.6 | 598 |
