

Table S5. The significant difference in overall survival (P value < 0.05) between the up- and down-regulation groups

| | p-value | UniqueID | Overall survival with up-regulation (p < 0.05) | Overall survival with down-regulation (p < 0.05) |
|----|-----------|-----------------|--|--|
| 1 | 3.50E-05 | hsa-miR-505 | 0.0000 | |
| 2 | 7.98E-05 | hsa-miR-505* | | |
| 3 | 0.0001237 | hsa-miR-198 | | |
| 4 | 0.0002383 | hsa-miR-551b* | | 0.016 |
| 5 | 0.0002502 | hsa-miR-298 | | |
| 6 | 0.0002524 | hsa-miR-652 | 0.0000 | |
| 7 | 0.0002593 | hsa-miR-342-5p | 0.007 | |
| 8 | 0.0003304 | hsa-miR-320 | | 0.0000 |
| 9 | 0.0004052 | hsa-miR-98 | 0.003 | |
| 10 | 0.0005728 | hsa-miR-422a | | 0.038 |
| 11 | 0.0005732 | hsa-miR-622 | | |
| 12 | 0.0007365 | hsa-miR-1224-5p | | 0.001 |
| 13 | 0.000844 | hsv1-miR-H1 | | |
| 14 | 0.0009509 | hcmv-miR-UL112 | | 0.034 |
| 15 | 0.0009946 | hsa-miR-483-5p | | 0.014 |
| 16 | 0.0010245 | hsa-miR-604 | | |
| 17 | 0.001154 | hsa-miR-148a | 0.0000 | |
| 18 | 0.0012233 | hsa-miR-193b* | | 0.0000 |
| 19 | 0.0012534 | hsa-miR-936 | | |
| 20 | 0.0012857 | hsa-miR-518c* | | 0.05 |
| 21 | 0.0014115 | hsa-miR-7-1* | 0.002 | |
| 22 | 0.0014239 | hsa-miR-148b | 0.001 | |
| 23 | 0.0014795 | hsa-miR-671-5p | | |
| 24 | 0.0017964 | hsa-miR-659 | | 0.026 |
| 25 | 0.0019915 | hsa-miR-421 | 0.002 | |
| 26 | 0.0019962 | hsa-miR-202 | | 0.004 |
| 27 | 0.002064 | hcmv-miR-US4 | | 0.018 |
| 28 | 0.0022108 | hsa-miR-148a* | 0.018 | |
| 29 | 0.0022217 | ebv-miR-BART7 | | |
| 30 | 0.0025131 | hsa-miR-572 | | |
| 31 | 0.002588 | hsa-let-7i* | 0.001 | |
| 32 | 0.00285 | hsa-miR-146a | 0.001 | |
| 33 | 0.002859 | hsa-miR-519e* | | |
| 34 | 0.002902 | hsa-miR-127-5p | | 0.0000 |
| 35 | 0.0029226 | hsa-miR-801 | | 0.016 |
| 36 | 0.0029539 | hsa-miR-454* | 0.0000 | |
| 37 | 0.0029783 | hsa-miR-15b | | |
| 38 | 0.0030655 | hsa-miR-15b* | 0.042 | |
| 39 | 0.0033478 | hsa-miR-188-5p | | |
| 40 | 0.003366 | hsa-miR-374b | 0.001 | |
| 41 | 0.0033845 | hsa-miR-302c* | | 0.01 |
| 42 | 0.0033982 | hsa-miR-638 | | 0.011 |
| 43 | 0.003482 | hsa-miR-135b | 0.018 | |
| 44 | 0.0035995 | hsa-miR-625 | 0.045 | |
| 45 | 0.0036094 | hsa-miR-648 | | |
| 46 | 0.0037995 | hsa-miR-454 | 0.019 | |
| 47 | 0.0038355 | hsa-miR-665 | | 0.008 |
| 48 | 0.0041485 | hsa-miR-374a | 0.003 | |
| 49 | 0.0041876 | hsa-miR-520b | | |
| 50 | 0.0044096 | hsa-let-7g | 0.04 | |
| 51 | 0.004825 | hsa-miR-1225-5p | | 0.014 |
| 52 | 0.0048522 | hsa-miR-545 | 0.006 | |
| 53 | 0.0051711 | hsa-miR-370 | | 0.011 |
| 54 | 0.0052882 | hiv1-miR-H1 | | |
| 55 | 0.0056005 | hsa-miR-138-1* | | 0.013 |
| 56 | 0.0056733 | hsa-miR-504 | 0.002 | |
| 57 | 0.0059034 | hsa-miR-7 | | |
| 58 | 0.006244 | hcmv-miR-US5-1 | | |
| 59 | 0.0064581 | hsa-miR-326 | 0.001 | |
| 60 | 0.0066919 | hsa-miR-16-2* | 0.038 | |
| 61 | 0.0067514 | hsa-miR-601 | | |
| 62 | 0.0072169 | hsa-miR-361-3p | 0.003 | |
| 63 | 0.0077369 | hsa-miR-7-2* | 0.02 | |
| 64 | 0.0078542 | hsa-miR-32* | | |
| 65 | 0.0094757 | hsa-miR-21 | 0.026 | |
| 66 | 0.0095382 | hsa-miR-575 | | 0.008 |
| 67 | 0.009619 | hsa-miR-136 | | 0.008 |
| 68 | 0.0100096 | hsa-miR-150 | | |
| 69 | 0.0104964 | hsa-miR-373 | | |

| | | | | |
|-----|-----------|--------------------|-------|-------|
| 70 | 0.011889 | hsa-miR-921 | | |
| 71 | 0.0130906 | hsa-miR-125b-1* | | 0.001 |
| 72 | 0.0133086 | hsa-miR-592 | 0.009 | |
| 73 | 0.0135464 | hsa-miR-128 | | |
| 74 | 0.0135734 | hsa-miR-663 | | 0.027 |
| 75 | 0.0141375 | kshv-miR-K12-3 | | |
| 76 | 0.0143468 | hsv1-miR-LAT | | 0.017 |
| 77 | 0.0145216 | hsa-let-7d | | |
| 78 | 0.0149738 | hsa-miR-765 | | |
| 79 | 0.0152047 | hsa-miR-411* | | |
| 80 | 0.0153969 | hsa-miR-520e | | |
| 81 | 0.0164482 | hsa-miR-657 | | |
| 82 | 0.0164508 | hsa-miR-557 | | |
| 83 | 0.0167117 | hsa-miR-220c | | |
| 84 | 0.0170307 | ebv-miR-BART13 | | |
| 85 | 0.0170564 | hsa-miR-583 | | 0.032 |
| 86 | 0.0183279 | kshv-miR-K12-7 | | |
| 87 | 0.0189751 | hcmv-miR-US25-2-3p | | 0.013 |
| 88 | 0.0190479 | hsa-let-7i | | |
| 89 | 0.0196586 | hsa-miR-584 | | |
| 90 | 0.0197467 | hsa-miR-340* | | |
| 91 | 0.020405 | hsa-miR-934 | | 0.005 |
| 92 | 0.0208717 | hcmv-miR-UL70-3p | | 0.05 |
| 93 | 0.0210945 | ebv-miR-BART12 | | |
| 94 | 0.021625 | hsa-miR-450b-3p | 0.01 | |
| 95 | 0.0218664 | hsa-miR-135a* | | 0.022 |
| 96 | 0.0221847 | hsa-miR-494 | | |
| 97 | 0.0223371 | hsa-miR-140-3p | | |
| 98 | 0.0230398 | hsa-miR-22 | | 0.037 |
| 99 | 0.0230498 | hsa-miR-199a-5p | | |
| 100 | 0.023554 | hsa-miR-614 | | |
| 101 | 0.0236569 | hsa-miR-493 | | |
| 102 | 0.0241901 | hsa-miR-197 | | |
| 103 | 0.0244529 | hsa-miR-450a | | |
| 104 | 0.024629 | hsa-miR-150* | | |
| 105 | 0.0252488 | hsa-miR-569 | 0.015 | |
| 106 | 0.0261403 | hsa-miR-885-5p | | |
| 107 | 0.0264095 | hsa-miR-513a-3p | | |
| 108 | 0.0265702 | hsa-miR-574-3p | | |
| 109 | 0.0266317 | hsa-miR-938 | | |
| 110 | 0.0269845 | hsa-miR-550* | | |
| 111 | 0.0272692 | hsa-miR-377 | | |
| 112 | 0.0279903 | hsa-let-7f | 0.021 | |
| 113 | 0.028701 | hsa-miR-92a-1* | | |
| 114 | 0.0289725 | hsa-let-7f-2* | 0.012 | |
| 115 | 0.0292784 | hsa-miR-190 | 0.01 | |
| 116 | 0.0298203 | hsa-miR-611 | | |
| 117 | 0.0300057 | hsa-miR-886-5p | 0.033 | |
| 118 | 0.0324362 | hsa-miR-744 | 0.025 | |
| 119 | 0.0326354 | hsa-miR-766 | | |
| 120 | 0.0337852 | hsa-miR-125a-3p | | |
| 121 | 0.0355667 | hsa-miR-582-5p | | |
| 122 | 0.0364165 | hsa-miR-149* | | |
| 123 | 0.0371401 | hsa-miR-219-2-3p | | |
| 124 | 0.0374672 | hsa-miR-616 | | |
| 125 | 0.0383869 | hsa-miR-331-5p | | |
| 126 | 0.0385407 | hsa-miR-660 | | |
| 127 | 0.0406249 | hsa-miR-34c-3p | | 0.017 |
| 128 | 0.040641 | hsa-miR-214 | | |
| 129 | 0.0410674 | hsa-miR-453 | | |
| 130 | 0.0410702 | hsa-miR-33b | | |
| 131 | 0.0421641 | hsa-miR-630 | | |
| 132 | 0.0422188 | ebv-miR-BART19-3p | | |
| 133 | 0.044489 | hsa-miR-28-3p | | |
| 134 | 0.044819 | hsa-miR-302d* | | 0.028 |
| 135 | 0.0462451 | hsa-miR-647 | | |
| 136 | 0.0466518 | ebv-miR-BHRF1-1 | | |
| 137 | 0.0469831 | hsa-miR-297 | | |
| 138 | 0.0471159 | hsa-miR-362-3p | | |
| 139 | 0.0484237 | hsa-miR-744* | | |
| 140 | 0.0484903 | hsa-miR-769-3p | | |
| 141 | 0.0485942 | hsa-miR-27a | | |
| 142 | 0.0490659 | hsa-miR-623 | | |