

**Supplementary Table 7. Validation analysis by qRT-PCR of those miRNA significantly deregulated according with RNA-Seq analysis in the exploratory and extended cohort of T-LBL samples.**

| Sample Cohort      | Sample          | miRNA_id        | gene symbol target | Housekeeping | 2 <sup>Δ</sup> Dct 2_1_control | 2 <sup>Δ</sup> Dct 2_2_tumor | P value | Norm_1 | Norm_2    | log2FC    |
|--------------------|-----------------|-----------------|--------------------|--------------|--------------------------------|------------------------------|---------|--------|-----------|-----------|
| Exploratory cohort | 554             | hsa-miR-200a-3p | TP53               | miR-SNORD48  | 147,380                        | 0,080                        | 0,000   | 1,000  | 0,001     | -10,970   |
|                    |                 | hsa-miR-203a    | E2F1               | miR-SNORD48  | 223,320                        | 53,490                       | 0,017   | 1,000  | 0,239     | -2,064    |
|                    |                 | hsa-miR-205-5p  | E2F1               | miR-SNORD48  | 311,740                        | 1,920                        | 0,001   | 1,000  | 0,006     | -7,356    |
|                    |                 | hsa-miR-221-3p  | CDKN1C             | miR-SNORD48  | 1,070                          | 1,410                        | 0,853   | 1,000  | 1,317     | 0,397     |
|                    |                 | hsa-miR-222-3p  | CDKN1C             | miR-SNORD48  | 1,390                          | 0,180                        | 0,022   | 1,000  | 0,129     | -2,954    |
|                    | 238             | hsa-miR-375     | TP53               | miR-SNORD48  | 3,460                          | 17,240                       | 0,021   | 1,000  | 4,982     | 2,317     |
|                    |                 | hsa-miR-200a-3p | TP53               | miR-SNORD48  | 147,380                        | 0,750                        | 0,000   | 1,000  | 0,005     | -6,643    |
|                    |                 | hsa-miR-203a    | E2F1               | miR-SNORD48  | 223,320                        | 0,370                        | 0,016   | 1,000  | 0,002     | -9,287    |
|                    |                 | hsa-miR-205-5p  | E2F1               | miR-SNORD48  | 311,740                        | 0,790                        | 0,011   | 1,000  | 0,003     | -8,643    |
|                    |                 | hsa-miR-221-3p  | CDKN1C             | miR-SNORD48  | 1,070                          | 1,180                        | 0,613   | 1,000  | 1,103     | 0,028     |
|                    | 408             | hsa-miR-222-3p  | CDKN1C             | miR-SNORD48  | 1,390                          | 2,450                        | 0,181   | 1,000  | 1,763     | 0,817     |
|                    |                 | hsa-miR-375     | TP53               | miR-SNORD48  | 3,460                          | 0,820                        | 0,001   | 1,000  | 0,237     | -2,077    |
|                    |                 | hsa-miR-200a-3p | TP53               | miR-SNORD48  | 147,380                        | 0,600                        | 0,000   | 1,000  | 0,004     | -7,930    |
|                    |                 | hsa-miR-203a    | E2F1               | miR-SNORD48  | 223,320                        | 0,960                        | 0,016   | 1,000  | 0,004     | -7,895    |
|                    |                 | hsa-miR-205-5p  | E2F1               | miR-SNORD48  | 311,740                        | 1,850                        | 0,011   | 1,000  | 0,006     | -7,405    |
|                    | 192             | hsa-miR-221-3p  | CDKN1C             | miR-SNORD48  | 1,070                          | 0,430                        | 0,066   | 1,000  | 0,402     | -1,315    |
|                    |                 | hsa-miR-222-3p  | CDKN1C             | miR-SNORD48  | 1,390                          | 1,280                        | 0,455   | 1,000  | 0,921     | -0,119    |
|                    |                 | hsa-miR-375     | TP53               | miR-SNORD48  | 3,460                          | 1,250                        | 0,003   | 1,000  | 0,361     | -1,469    |
|                    |                 | hsa-miR-200a-3p | TP53               | miR-SNORD48  | 147,380                        | 0,760                        | 0,000   | 1,000  | 0,005     | -7,615    |
|                    |                 | hsa-miR-203a    | E2F1               | miR-SNORD48  | 223,320                        | 0,610                        | 0,016   | 1,000  | 0,003     | -8,533    |
|                    | 460             | hsa-miR-205-5p  | E2F1               | miR-SNORD48  | 311,740                        | 0,100                        | 0,011   | 1,000  | 0,000     | -11,700   |
|                    |                 | hsa-miR-221-3p  | CDKN1C             | miR-SNORD48  | 1,070                          | 0,720                        | 0,011   | 1,000  | 0,518     | -0,949    |
|                    |                 | hsa-miR-222-3p  | CDKN1C             | miR-SNORD48  | 1,390                          | 0,440                        | 0,012   | 1,000  | 0,316     | -1,662    |
|                    |                 | hsa-miR-375     | TP53               | miR-SNORD48  | 3,460                          | 1,110                        | 0,022   | 1,000  | 0,321     | -1,639    |
|                    |                 | hsa-miR-200a-3p | TP53               | miR-SNORD48  | 147,380                        | 0,000                        | 0,000   | 1,000  | 0,000     | -22,250   |
|                    | 346             | hsa-miR-203a    | E2F1               | miR-SNORD48  | 223,320                        | 3,110                        | 0,017   | 1,000  | 0,014     | -6,158    |
|                    |                 | hsa-miR-205-5p  | E2F1               | miR-SNORD48  | 311,740                        | 0,880                        | 0,011   | 1,000  | 0,003     | -8,381    |
|                    |                 | hsa-miR-221-3p  | CDKN1C             | miR-SNORD48  | 1,070                          | 0,390                        | 0,019   | 1,000  | 0,364     | -1,458    |
|                    |                 | hsa-miR-222-3p  | CDKN1C             | miR-SNORD48  | 1,390                          | 0,730                        | 0,036   | 1,000  | 0,525     | -0,929    |
|                    |                 | hsa-miR-375     | TP53               | miR-SNORD48  | 3,460                          | 0,450                        | 0,024   | 1,000  | 0,130     | -2,943    |
|                    | 840             | hsa-miR-200a-3p | TP53               | miR-SNORD48  | 147,380                        | 0,610                        | 0,000   | 1,000  | 0,004     | -7,930    |
|                    |                 | hsa-miR-203a    | E2F1               | miR-SNORD48  | 223,320                        | 0,690                        | 0,016   | 1,000  | 0,003     | -8,333    |
|                    |                 | hsa-miR-205-5p  | E2F1               | miR-SNORD48  | 311,740                        | 6,920                        | 0,011   | 1,000  | 0,022     | -5,506    |
|                    |                 | hsa-miR-221-3p  | CDKN1C             | miR-SNORD48  | 1,070                          | 1,230                        | 0,713   | 1,000  | 1,149     | 0,200     |
|                    |                 | hsa-miR-222-3p  | CDKN1C             | miR-SNORD48  | 1,390                          | 1,430                        | 0,681   | 1,000  | 1,029     | 0,041     |
|                    | 521             | hsa-miR-375     | TP53               | miR-SNORD48  | 3,460                          | 2,010                        | 0,044   | 1,000  | 0,581     | -0,783    |
|                    |                 | hsa-miR-200a-3p | TP53               | miR-SNORD48  | 147,380                        | 0,130                        | 0,000   | 1,000  | 0,001     | -10,120   |
|                    |                 | hsa-miR-203a    | E2F1               | miR-SNORD48  | 223,320                        | 0,070                        | 0,016   | 1,000  | 0,000     | -11,700   |
|                    |                 | hsa-miR-205-5p  | E2F1               | miR-SNORD48  | 311,740                        | 0,330                        | 0,011   | 1,000  | 0,001     | -9,828    |
|                    |                 | hsa-miR-221-3p  | CDKN1C             | miR-SNORD48  | 1,070                          | 2,010                        | 0,366   | 1,000  | 1,878     | 0,909     |
| Extended cohort    | 829             | hsa-miR-222-3p  | CDKN1C             | miR-SNORD48  | 1,390                          | 1,230                        | 0,541   | 1,000  | 0,884     | -0,179    |
|                    |                 | hsa-miR-375     | TP53               | miR-SNORD48  | 3,460                          | 0,250                        | 0,005   | 1,000  | 0,072     | -3,795    |
|                    |                 | hsa-miR-200a-3p | TP53               | miR-SNORD48  | 147,380                        | 1,044                        | 0,000   | 1,000  | 0,007     | -7,158    |
|                    |                 | hsa-miR-203a    | E2F1               | miR-SNORD48  | 223,320                        | 1,280                        | 0,016   | 1,000  | 0,006     | -7,381    |
|                    |                 | hsa-miR-205-5p  | E2F1               | miR-SNORD48  | 311,740                        | 0,529                        | 0,011   | 1,000  | 0,002     | -8,965    |
|                    | 188             | hsa-miR-221-3p  | CDKN1C             | miR-SNORD48  | 1,070                          | 1,040                        | 0,593   | 1,000  | 0,972     | -0,041    |
|                    |                 | hsa-miR-222-3p  | CDKN1C             | miR-SNORD48  | 1,390                          | 0,990                        | 0,098   | 1,000  | 0,712     | -0,490    |
|                    |                 | hsa-miR-375     | TP53               | miR-SNORD48  | 3,460                          | 0,405                        | 0,003   | 1,000  | 0,118     | -3,083    |
|                    |                 | hsa-miR-200a-3p | TP53               | miR-SNORD48  | 147,380                        | 0,820                        | 0,000   | 1,000  | 0,006     | -7,506    |
|                    |                 | hsa-miR-203a    | E2F1               | miR-SNORD48  | 223,320                        | 0,760                        | 0,016   | 1,000  | 0,003     | -8,200    |
|                    | 1080            | hsa-miR-205-5p  | E2F1               | miR-SNORD48  | 311,740                        | 0,350                        | 0,011   | 1,000  | 0,001     | -9,828    |
|                    |                 | hsa-miR-221-3p  | CDKN1C             | miR-SNORD48  | 1,070                          | 3,430                        | 0,006   | 1,000  | 3,205     | 1,680     |
|                    |                 | hsa-miR-222-3p  | CDKN1C             | miR-SNORD48  | 1,390                          | 2,580                        | 0,177   | 1,000  | 1,856     | 0,892     |
|                    |                 | hsa-miR-375     | TP53               | miR-SNORD48  | 3,460                          | 0,600                        | 0,003   | 1,000  | 0,173     | -2,531    |
|                    |                 | hsa-miR-200a-3p | TP53               | miR-SNORD48  | 147,380                        | 0,990                        | 0,000   | 1,000  | 0,007     | -7,221    |
|                    | 080             | hsa-miR-203a    | E2F1               | miR-SNORD48  | 223,320                        | 0,640                        | 0,016   | 1,000  | 0,003     | -8,480    |
|                    |                 | hsa-miR-205-5p  | E2F1               | miR-SNORD48  | 311,740                        | 1,160                        | 0,011   | 1,000  | 0,004     | -8,078    |
|                    |                 | hsa-miR-221-3p  | CDKN1C             | miR-SNORD48  | 1,070                          | 1,250                        | 0,803   | 1,000  | 1,168     | 0,224     |
|                    |                 | hsa-miR-222-3p  | CDKN1C             | miR-SNORD48  | 1,390                          | 0,800                        | 2,811   | 1,000  | 0,575     | -0,798    |
|                    |                 | hsa-miR-375     | TP53               | miR-SNORD48  | 3,460                          | 0,530                        | 0,022   | 1,000  | 0,153     | -2,708    |
|                    | 135             | hsa-miR-200a-3p | TP53               | miR-SNORD48  | 147,380                        | 0,370                        | 0,000   | 1,000  | 0,003     | -8,643    |
|                    |                 | hsa-miR-203a    | E2F1               | miR-SNORD48  | 223,320                        | 0,520                        | 0,016   | 1,000  | 0,002     | -8764,000 |
|                    |                 | hsa-miR-205-5p  | E2F1               | miR-SNORD48  | 311,740                        | 1,030                        | 0,011   | 1,000  | 0,003     | -8,243    |
|                    |                 | hsa-miR-221-3p  | CDKN1C             | miR-SNORD48  | 1,070                          | 0,660                        | 0,124   | 1,000  | 0,616     | -0,698    |
|                    |                 | hsa-miR-222-3p  | CDKN1C             | miR-SNORD48  | 1,390                          | 3,790                        | 0,055   | 1,000  | 2,726     | 1,446     |
|                    | 104             | hsa-miR-375     | TP53               | miR-SNORD48  | 3,460                          | 0,430                        | 0,001   | 1,000  | 0,124     | -3011,000 |
|                    |                 | hsa-miR-200a-3p | TP53               | miR-SNORD48  | 147,380                        | 0,100                        | 0,000   | 1,000  | 0,001     | -10,480   |
|                    |                 | hsa-miR-203a    | E2F1               | miR-SNORD48  | 223,320                        | 0,080                        | 0,016   | 1,000  | 0,000     | -11,287   |
|                    |                 | hsa-miR-205-5p  | E2F1               | miR-SNORD48  | 311,740                        | 1,010                        | 0,011   | 1,000  | 0,003     | -8,287    |
|                    |                 | hsa-miR-221-3p  | CDKN1C             | miR-SNORD48  | 1,070                          | 0,170                        | 0,046   | 1,000  | 0,158     | -2,662    |
|                    | 038             | hsa-miR-222-3p  | CDKN1C             | miR-SNORD48  | 1,390                          | 0,300                        | 0,016   | 1,000  | 0,215     | -2,217    |
|                    |                 | hsa-miR-375     | TP53               | miR-SNORD48  | 3,460                          | 1,620                        | 0,011   | 1,000  | 0,468     | -1,095    |
|                    |                 | hsa-miR-200a-3p | TP53               | miR-SNORD48  | 147,380                        | 0,290                        | 0,000   | 1,000  | 0,002     | -9,039    |
|                    |                 | hsa-miR-203a    | E2F1               | miR-SNORD48  | 223,320                        | 0,470                        | 0,016   | 1,000  | 0,002     | -8,895    |
|                    |                 | hsa-miR-205-5p  | E2F1               | miR-SNORD48  | 311,740                        | 0,720                        | 0,011   | 1,000  | 0,002     | -8,965    |
|                    | 209             | hsa-miR-221-3p  | CDKN1C             | miR-SNORD48  | 1,070                          | 0,630                        | 0,122   | 1,000  | 0,588     | -0,766    |
|                    |                 | hsa-miR-222-3p  | CDKN1C             | miR-SNORD48  | 1,390                          | 0,690                        | 0,073   | 1,000  | 0,496     | -1,011    |
|                    |                 | hsa-miR-375     | TP53               | miR-SNORD48  | 3,460                          | 1,540                        | 0,079   | 1,000  | 0,445     | -1,168    |
|                    |                 | hsa-miR-200a-3p | TP53               | miR-SNORD48  | 147,380                        | 92,570                       | 0,024   | 1,000  | 0,628     | -0,671    |
|                    |                 | hsa-miR-203a    | E2F1               | miR-SNORD48  | 223,320                        | 67,330                       | 0,028   | 1,000  | 0,301     | -1,732    |
| 001                | hsa-miR-205-5p  | E2F1            | miR-SNORD48        | 311,740      | 87,720                         | 0,025                        | 1,000   | 0,281  | -1,831    |           |
|                    | hsa-miR-221-3p  | CDKN1C          | miR-SNORD48        | 1,070        | 0,460                          | 0,078                        | 1,000   | 0,429  | -1,221    |           |
|                    | hsa-miR-222-3p  | CDKN1C          | miR-SNORD48        | 1,390        | 1,250                          | 0,437                        | 1,000   | 0,899  | -0,153    |           |
|                    | hsa-miR-375     | TP53            | miR-SNORD48        | 3,460        | 6,310                          | 0,030                        | 1,000   | 1,823  | 0,866     |           |
|                    | hsa-miR-200a-3p | TP53            | miR-SNORD48        | 147,380      | 0,060                          | 0,000                        | 1,000   | 0,000  | -11,287   |           |
| 639                | hsa-miR-203a    | E2F1            | miR-SNORD48        | 223,320      | 0,050                          | 0,016                        | 1,000   | 0,000  | -12,287   |           |
|                    | hsa-miR-205-5p  | E2F1            | miR-SNORD48        | 311,740      | 0,003                          | 0,011                        | 1,000   | 0,000  | -16,668   |           |
|                    | hsa-miR-221-3p  | CDKN1C          | miR-SNORD48        | 1,070        | 0,740                          | 0,160                        | 1,000   | 0,691  | -0,533    |           |
|                    | hsa-miR-222-3p  | CDKN1C          | miR-SNORD48        | 1,390        | 1,420                          | 0,949                        | 1,000   | 1,021  | 0,029     |           |
|                    | hsa-miR-375     | TP53            | miR-SNORD48        | 3,460        | 0,230                          | 0,006                        | 1,000   | 0,066  | -3921,000 |           |
| 209                | hsa-miR-200a-3p | TP53            | miR-SNORD48        | 147,380      | 0,510                          | 0,000                        | 1,000   | 0,003  | -8,200    |           |
|                    | hsa-miR-203a    | E2F1            | miR-SNORD48        | 223,320      | 0,270                          | 0,016                        | 1,000   | 0,001  | -9,702    |           |
|                    | hsa-miR-205-5p  | E2F1            | miR-SNORD48        | 311,740      | 0,270                          | 0,011                        | 1,000   | 0,001  | -10,117   |           |
|                    | hsa-miR-221-3p  | CDKN1C          | miR-SNORD48        | 1,070        | 4,080                          | 0,016                        | 1,000   | 3,813  | 1,931     |           |
|                    | hsa-miR-222-3p  | CDKN1C          | miR-SNORD48        | 1,390        | 3,540                          | 0,048                        | 1,000   | 2,546  | 1348,000  |           |
| 001                | hsa-miR-375     | TP53            | miR-SNORD48        | 3,460        | 1,980                          | 0,015                        | 1,000   | 0,572  | -0,806    |           |
|                    | hsa-miR-200a-3p | TP53            | miR-SNORD48        | 147,380      | 0,080                          | 0,000                        | 1,000   | 0,001  | -10,850   |           |
|                    | hsa-miR-203a    | E2F1            | miR-SNORD48        | 223,320      | 73,350                         | 0,017                        | 1,000   | 0,328  | -1,608    |           |
|                    | hsa-miR-205-5p  | E2F1            | miR-SNORD48        | 311,740      | 0,500                          | 0,001                        | 1,000   | 0,002  | -8,965    |           |
|                    | hsa-miR-221-3p  | CDKN1C          | miR-SNORD48        | 1,070        | 2,910                          | 0,024                        | 1,000   | 2,719  | 1,443     |           |
| 001                | hsa-miR-222-3p  | CDKN1C          | miR-SNORD48        | 1,390        | 0,750                          | 0,026                        | 1,000   | 0,539  | -0,891    |           |
|                    | hsa-miR-375     | TP53            | miR-SNORD48        | 3,460        | 3,090                          | 0,192                        | 1,000   | 0,893  | -0,163    |           |
|                    | hsa-miR-200a-3p | TP53            | miR-SNORD48        | 147,380      | 0,080                          | 0,000                        | 1,000   | 0,001  | -10,850   |           |
|                    | hsa-miR-203a    | E2F1            | miR-SNORD48        | 223,320      | 47,570                         | 0,023                        | 1,000   | 0,213  | -2,231    |           |
|                    | hsa-miR-205-5p  | E2F1            | miR-SNORD48        | 311,740      | 0,570                          | 0,001                        | 1,000   | 0,002  | -9,177    |           |
| 001                | hsa-miR-221-3p  | CDKN1C          | miR-SNORD48        | 1,070        | 2,980                          | 0,011                        | 1,000   | 2,785  | 1,477     |           |
|                    | hsa-miR-222-3p  | CDKN1C          | miR-SNORD48        | 1,390        | 0,860                          | 0,064                        | 1,000   | 0,618  | -0,694    |           |
|                    | hsa-miR-375     | TP53            | miR-SNORD48        | 3,460        | 3,550                          | 0,689                        | 1,000   | 1,171  | 0,227     |           |