**Table S4:** Surprisal analysis reveal consistent signatures between TCGA and UCLA patient cohorts. MiRNAs are listed in ascending order down the column and continues from left column to right column. Overlap of miRNAs between the two cohorts was color-matched to highlight the similarity.

|  |  |
| --- | --- |
| **TGCA Patient Cohort**  | **UCLA Patient Cohort** |
| **hsa-miR-21** | **hsa-miR-923** |
| **hsa-let-7b** | **hsa-let-7a** |
| **hsa-let-7a** | **hsa-miR-125b** |
| **hsa-miR-9\*** | **hsa-let-7b** |
| **hsa-miR-125b** | **hsa-let-7f** |
| **hsa-let-7c** | **hsa-let-7c** |
| **hsa-miR-29a** | **hsa-miR-21** |
| **hsa-miR-26a** | **hsa-miR-29a** |
| **hsa-let-7f** | **hsa-miR-26a** |
| **hsa-miR-9** | **hsa-miR-9** |
| **hsa-let-7e** | **hsa-miR-451** |
| **hsa-miR-24** | **hsa-miR-9\*** |
| **hsa-let-7d** | **hsa-miR-16** |
| **hsa-miR-22** | **hsa-miR-494** |
| **hsa-miR-126** | **hsa-let-7g** |
| **hsa-miR-16** | **hsa-let-7i** |
| **hsa-miR-195** | **hsa-miR-99a** |
| **hsa-let-7g** | **hsa-miR-100** |