**Supplementary Table S9.** List of microRNA-microRNA pairs that have the highest number of *overlapping* and *neighboring* binding sites. The first two columns are the names of the microRNAs, the 3rd column is the number of *overlapping* binding sites between these two microRNAs, the 4th column is the number of mRNAs on which these two microRNAs have *overlapping* binding sites.

|  |  |  |  |
| --- | --- | --- | --- |
| **miRNA 1** | **miRNA 2** | **Number of overlapping binding sites** | **Number of target genes with *overlapping* binding sites** |
| hsa-miR-15a-5p | hsa-miR-15b-5p | 1975 | 1314 |
| hsa-miR-15a-5p | hsa-miR-424-5p | 1975 | 1314 |
| hsa-miR-15a-5p | hsa-miR-497-5p | 1975 | 1314 |
| hsa-miR-15b-5p | hsa-miR-424-5p | 1975 | 1314 |
| hsa-miR-15b-5p | hsa-miR-497-5p | 1975 | 1314 |
| hsa-miR-424-5p | hsa-miR-497-5p | 1975 | 1314 |
| hsa-miR-15a-5p | hsa-miR-16-5p | 1974 | 1313 |
| hsa-miR-15a-5p | hsa-miR-195-5p | 1974 | 1313 |
| hsa-miR-15b-5p | hsa-miR-16-5p | 1974 | 1313 |
| hsa-miR-15b-5p | hsa-miR-195-5p | 1974 | 1313 |