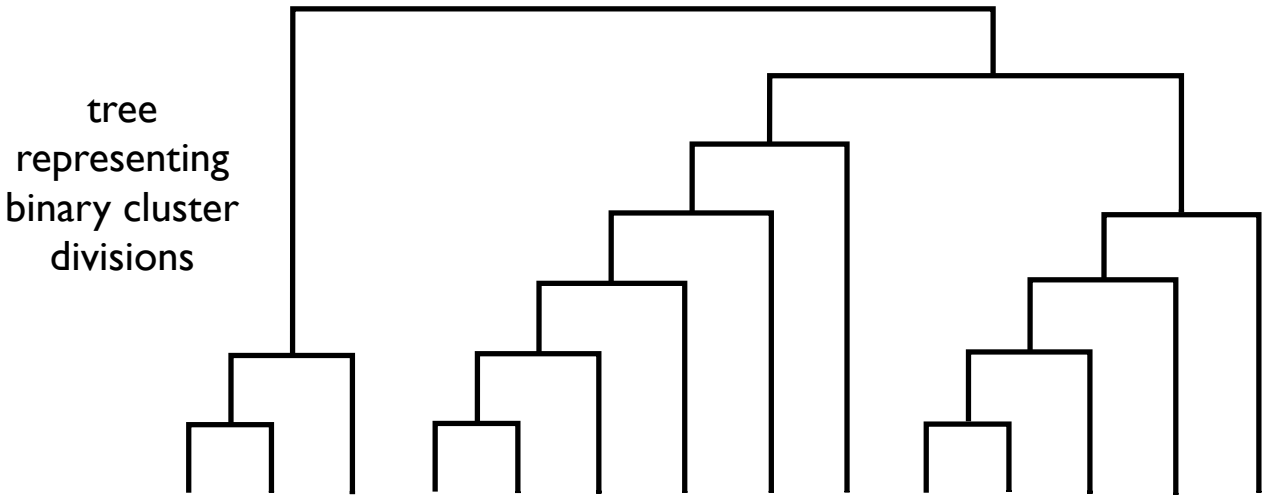
**Table S3. Proportion of redundant 24-mer overlap in all pairwise subfamily comparisons.**




**Pairwise proportion of redundant 24-mer overlap**

| | 2A1 | 2A2 | 2B | 3A1 | 3A2 | 3A3 | 3A4 | 3A5 | 3A6 | 3B1 | 3B2 | 3B3 | 3B4 | 3B5 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **2A1** | 34.2x | *0.5744* | *0.183* | 0.0018 | 0.0012 | 0.0012 | 0.0018 | 0.0011 | 0.0014 | 0.0017 | 0.0015 | 0.0015 | 0.0014 | 0.0013 |
| **2A2** | | 127.1x | *0.0771* | 0.0039 | 0.0025 | 0.003 | 0.0042 | 0.001 | 0.0007 | 0.0061 | 0.0044 | 0.0023 | 0.0036 | 0.0017 |
| **2B** | | | 54.9x | 0.0148 | 0.0107 | 0.0127 | 0.0161 | 0.0038 | 0.0012 | 0.022 | 0.0139 | 0.0048 | 0.0086 | 0.002 |
| **3A1** | | | | 7.4x | *0.2515* | *0.0873* | *0.1676* | *0.121* | *0.1163* | *0.2057* | *0.1562* | *0.1914* | *0.1116* | *0.1705* |
| **3A2** | | | | | 7.8x | *0.22* | *0.1566* | *0.2263* | *0.1259* | *0.2112* | *0.1647* | *0.1359* | *0.0916* | *0.1254* |
| **3A3** | | | | | | 10.6x | *0.0988* | *0.1045* | *0.0974* | *0.0683* | *0.0515* | *0.099* | *0.0535* | *0.091* |
| **3A4** | | | | | | | 6x | *0.0991* | *0.0942* | *0.2339* | *0.1918* | *0.1798* | *0.1211* | *0.1463* |
| **3A5** | | | | | | | | 35.4x | 0.0415 | *0.1781* | *0.1331* | *0.0616* | *0.0912* | *0.0669* |
| **3A6** | | | | | | | | | 81.6x | *0.1758* | *0.1684* | *0.079* | *0.1256* | 0.0411 |
| **3B1** | | | | | | | | | | 10.4x | *0.3838* | *0.5406* | *0.2922* | *0.4052* |
| **3B2** | | | | | | | | | | | 11x | *0.5122* | *0.2746* | *0.4052* |
| **3B3** | | | | | | | | | | | | 16.6x | *0.4801* | *0.4413* |
| **3B4** | | | | | | | | | | | | | 21.5x | *0.4019* |
| **3B5** | | | | | | | | | | | | | | 49.8x |