|  |  |  |  |
| --- | --- | --- | --- |
| Data set | type | filename | size |
| S1 | Escherichia coli | Escherichia\_  albertii\_KF1\_uid232181 | 200MB |
| S2 | Rice | OrySat\_Aug2009.fa | 200MB |
| S3 | gene sequence of the human genome on chromosome 1 | chr1.fa | 200MB |
| S4 | amino acid of the Escherichia coli K12MG1655 | NC\_000913.faa | 200MB |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| m | 8 | 12 | 16 | 20 | 24 | 28 | 32 | 36 |
| 5 | 62.85 | 60.2 | 35.45 | 30 | 27.65 | 25.95 | 23.85 | 23.7 |
| 6 | **57.05** | **56.85** | **31.7** | **25.3** | **21.25** | **19.15** | **18.05** | **17.55** |
| 7 | 60.95 | 58.7 | 33.2 | 25.3 | 21.45 | 20.55 | 18.85 | 18.35 |
| 8 | 62.65 | 59.1 | 35.15 | 25.5 | 22.7 | 20.95 | 19.8 | 18.65 |

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| m | 40 | 44 | 48 | 64 | 128 | 256 | 512 | 1024 | 2048 |
| 5 | 22.85 | 21.8 | 21.1 | 20.1 | 19.15 | 16.5 | 16.95 | 18 | 14.95 |
| 6 | 17.9 | 17.35 | 17.05 | 16.3 | 15.95 | 10.6 | 8.3 | 7.35 | 6.6 |
| 7 | 17.15 | 16.45 | 16.2 | 15.55 | 14.5 | 9.7 | 6.1 | 4.7 | 3.7 |
| 8 | **16.9** | **17.05** | **16.15** | **15.1** | **15.4** | **8.85** | **5.65** | **3.7** | **2.85** |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| m | 8 | 12 | 16 | 20 | 24 | 28 | 32 | 36 |
| 4 | **58.05** | **30.90** | **22.70** | **19.45** | **17.95** | **16.90** | **16.20** | **15.85** |
| 5 | 68.65 | 39.00 | 26.45 | 21.50 | 19.35 | 18.10 | 17.40 | 16.55 |
| 6 | 76.75 | 44.95 | 29.05 | 22.55 | 19.85 | 18.50 | 17.40 | 16.70 |
| 7 | 87.55 | 53.75 | 31.55 | 23.70 | 20.45 | 18.70 | 17.65 | 16.80 |
| 8 | 110.20 | 67.30 | 33.80 | 24.50 | 20.30 | 18.80 | 17.40 | 16.85 |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| m | 40 | 44 | 48 | 64 | 128 | 256 | 512 | 1024 | 2048 |
| 4 | **15.40** | **15.15** | **14.85** | 14.55 | **13.30** | **8.00** | 5.00 | 3.90 | 3.45 |
| 5 | 16.10 | 15.60 | 15.40 | 14.55 | 13.80 | 8.90 | 5.40 | 3.60 | 2.80 |
| 6 | 16.10 | 15.65 | 15.30 | 14.55 | 14.10 | 8.90 | 5.35 | 3.70 | 2.75 |
| 7 | 16.40 | 15.90 | 15.50 | 14.75 | 14.25 | 9.30 | 5.55 | 4.10 | 3.35 |
| 8 | 16.10 | 15.80 | 15.25 | **14.40** | 13.70 | 8.50 | **4.80** | **3.60** | **3.00** |

