Gorilla or Sea Cucumber Report

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Results

Our implementation produces the expected results on all pairs of species. We compared the species in HhB\_FASTAs-in.txt with each other.

The closest pair to Sea-Cucumber is Lambrey: 126

1)-----------------------------------------------P---------------------------I-V-----------D---------T----------

2)XGGTLAIQAQGDLTLAQKKIVRKTWHQLMRNKTSFVTDVFIRIFAYDPSAQNKFPQMAGMSASQLRSSRQMQAHAIRVSSIMSEYVEELDSDILPELLATLARTHDLNKV

G--------------------S-----TREAWAK-FSV-QAALLIRYA

GADHYNLFAKVLMEALQAELGSDFNEKTRDAWAKAFSVVQAVLLVKHG

Implementation Details

We chose iterative implementation. For two sequences of length n and m, respectively, our implementation uses O(m \* n) time and space (m \* n).