PASSC Examples

PASSC (Pair-to-Pair Alignment of Sequence-Structure Correlation)

Examples

I. To Create Hk2 and Tk2 Matrices in Binary Format:

% HscoreTbin PAH.score PAH.score.bin

% SscoreTbin SEC.score SEC.score.bin

```
% gcc -o ../test/HscoreTbin  HscoreTbin.c
% gcc -o ../test/SscoreTbin SscoreTbin.c
% cd ../test
% HscoreTbin PAH.score PAH.score.bin
% SscoreTbin SEC.score SEC.score.bin
```

Please make sure those two binaries PAH.score.bin and SEC.score.bin are in the same directory as the passc program.

II. To Create PASSC Format File:

% mkpsc (*.env) (outpout *.psc) (description)

Use the mkpsc command within the passc program and the passc format file will be created in the same directory.

```
% ./passc
Welcome to passc — when lost, type lcmd for help.
passc/2.2 > io
passc/2.2/io > mkpsc 1IGD.env 1IGD.psc 1IGD
passc/2.2/io > q
passc/2.2 > q
%
```

One can also compile the mkpsc.c to generate the mkpsc program.

```
% gcc -o ../test/mkpsc mkpsc.c
% cd ../test
% ./mkpsc 1IGD.env 1IGD.psc 1IGD
% cat 1IGD.psc
>1IGD
MTPAVTTYKL VINGKTLKGE TTTKAVDAET AEKAFKQYAN DNGVDGVWTY
DDATKTFTVT E
cccccccsss ssscccsss ssscccchhh hhhhhhhhhh httcccssss
sttttsssss c
3323222120 2121332332 2213122132 0233123113 3231323131
3333321212 1
```

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