

deepBlockAlign v1.0

Alignment parameters:

[Input]
date and time Sun, 03 Feb 2013 02:01:47 +0100
first block group LungAg04450Rep2_cluster_9902
first file /home/projects/users/sachin/frontier/putative_mirna//tmp3500query.tmp
second block group bg_189
second file /home/projects/users/sachin/frontier/bgs/mirbase.all.map.bgs.flagged.sig

[Block group alignment]

distance weight 1
block weight 1
gap penalty -1

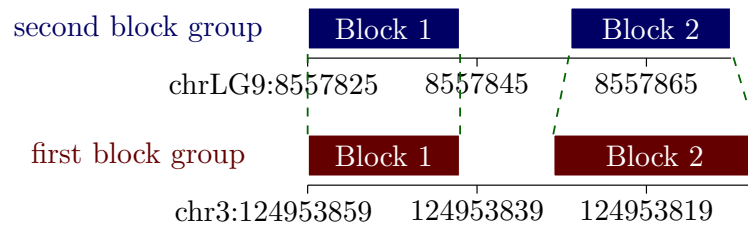
[Block alignment]

gap initialization penalty -2
gap extension penalty -1
threshold for expression difference 1
match score 1
mismatch score -1
profile shape difference penalty 1

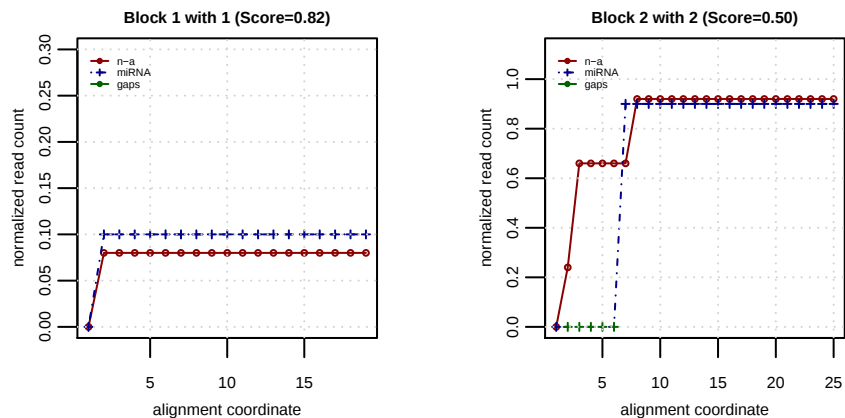
[Block group information]

Entropy (first block group) 1.82
Reads (first block group) 12.33
% Unique reads (first block group) 81
Entropy (second block group) 0.47
Reads (second block group) 20.00
% Unique reads (second block group) 100

Block group alignment: LungAg04450Rep2-cluster-9902-n-a(-) with bg-189-tca-mir-3876-MI0016370(+) [Score: 0.74]



Block alignment:



Citation: Langenberger, D*, Pundhir, S*, Ekstrøm, C.T., Stadler, P.F., Hoffmann, S., and Gorodkin, J.(2012). deepBlockAlign: A tool for aligning RNA-seq profiles of read block patterns. *Bioinformatics*, **28**(1),17-24. (*equal contribution)