

Τίτλος: IS200 transposases hmm (2013)

Περιγραφή:

Apo to genome tis Salmonella typhi CT18 vrite ola ta gonidia pou kodikopoion gia transposase tou IS200 (xrisimopoiwntas to Artemis).

("Is" stands for "Insertion Sequence")

Ftiaxte to multiple sequence alignment gia tis parapanw DNA akolou8ies ftiaxte (build) to hmm gia tin parapanw oikogeneia akolou8iwn

trexte (search) to hmm pou ftiaxate sto genome tis Salmonella typhi CT18

metatrepste to output me ta predictions se .tab file pou mporei na diavasei to Artemis kratontas tin pliroforia sxetikis 8esis twn provlepsewn mesa

sto gonidiwma kai to antistoixo hmm score.

metatrepste epi8is to score se xrwmatiki klimata leukou-kokkinou gia mikra kai megala antistoixa scores.

fortwste to tab file stin Artemis kai epi8ewriste ta apotelesmata.

yparxei overlap me to uparxon annotation gia transposases IS200?

ka8oriste me dunamiko tropo to optimal score threshold panw apo to opoio ta predictions einai statistika simantika.

meta tin efarmogi tou score threshold (mesa apo tin Artemis mporeite na emfanisete/ejafanisete predictions

me score xamilotero tou cutoff tis epilogis sas) how many statistically significant predictions vriskete to

genome tis Salmonella typhi CT18?

epanalavate to search me to hmm pou ftiaxate gia tin CT18 sto genome tis Salmonella typhi TY2,

fortwste to neo .tab file stin Ty2 kai sugkrinate ta apotelesmata me auta tis CT18.

optikopoiiste tis omoiotites kai diafores mesw tou Artemis Comparison Tool (ACT)  
fwrtnontas ta duo

genomes (CT18 & TY2).

kataskeuaste fulogenetiko/a dendro/a xrisomopoiwntas oles tis (DNA) akolou8ies gia  
transposase IS200

pou vrikate se CT18 kai TY2. To/a fulogenetiko/a dendro/a pou ftiajate diaxwrizei/oun  
fulogenetika ta IS200

tis CT18 apo auta tis TY2? Ean oxi proteinete pi8anous logous.

xrisimopoiwntas ta IS200 (statistically significant) pou vrikate stin CT18 me to hmm pou  
ftiajate trexte blast

kai analuste ta apotelesmata. se posa kai poia diaforetika taxa emfanizontai statistika  
simantika blast predictions?

kataskeuaste fulogenetiko dendro xrisomopoiwntas oles tis (DNA) akolou8ies gia  
transposase IS200 (statistically significant)

pou epestrepse to blast. To fulogenetiko/a dendro/a pou ftiajate diaxwrizei/oun  
fulogenetika ta taxa?

kataskeuaste consensus tree kai sugkrinete tis diafores (topologia) olwn twn trees pou  
ftiajate me to consensus tree. Kataskeuaste distribution me ta tree distances kai sxoliaste (#  
of trees vs # of differences).

ena supertree (reticulate network) prostheti mia diaforetiki eikona sti fulogenetiki istoria  
twn taxon pou sugkrinete?

Ημερομηνία έναρξης: 03-12-2012 15:34:03

Προθεσμία υποβολής: 03-02-2013 15:24:00