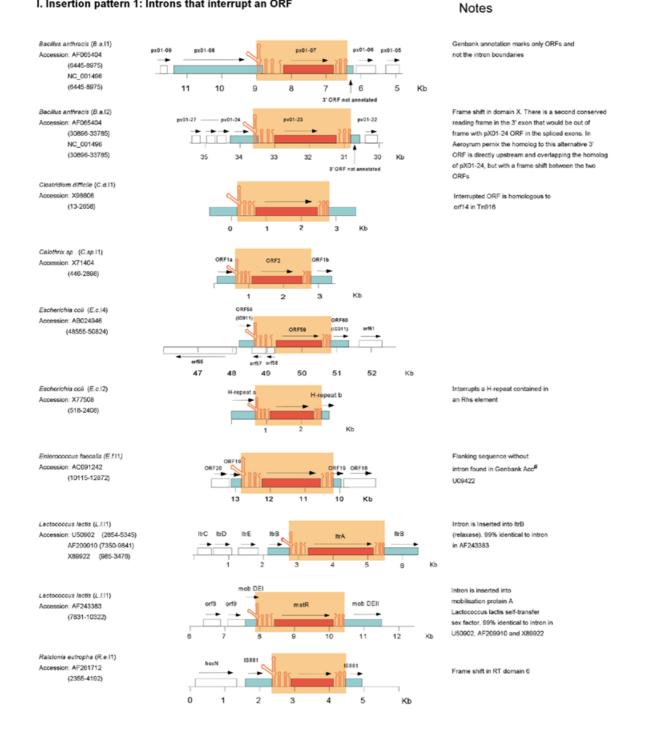
SUPPLEMENTARY MATERIAL





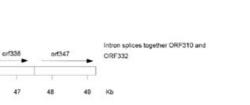
Novosphingobium aromaticivorans (N.a.11)

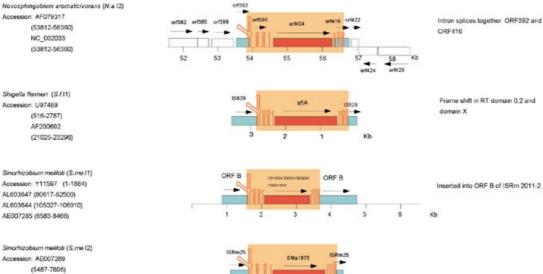
(43084-45662)

(43084-45662)

NC_002033

Accession: AF079317





matRa

45

44

orf332

.

46

5 Ama1874 4

Kb

orf310

0

43

orf299

42

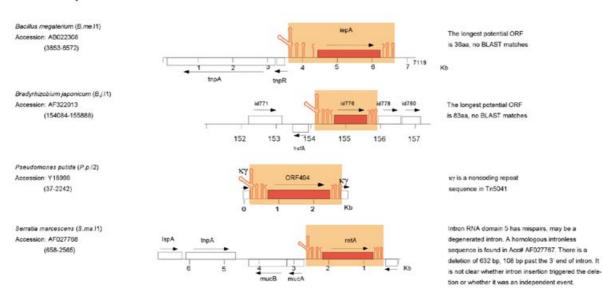
41

II. Insertion pattern 2: Introns not inserted into an ORF

10

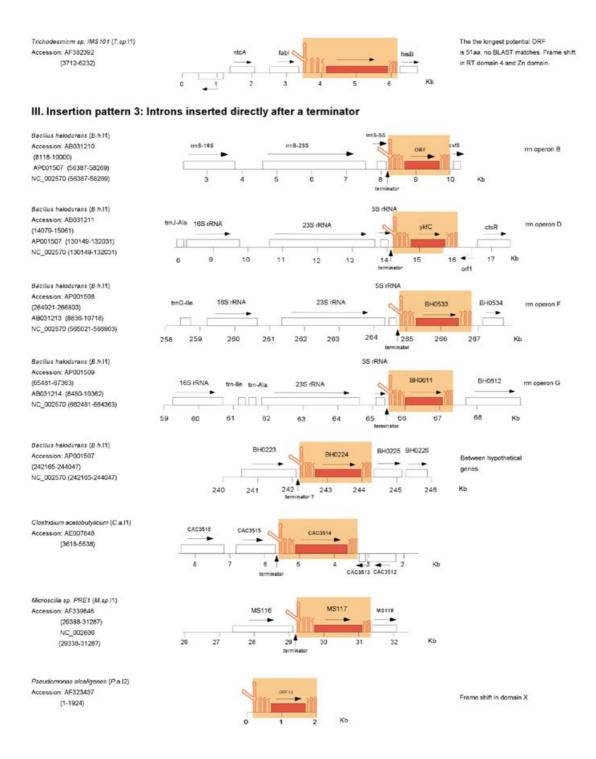
9 -

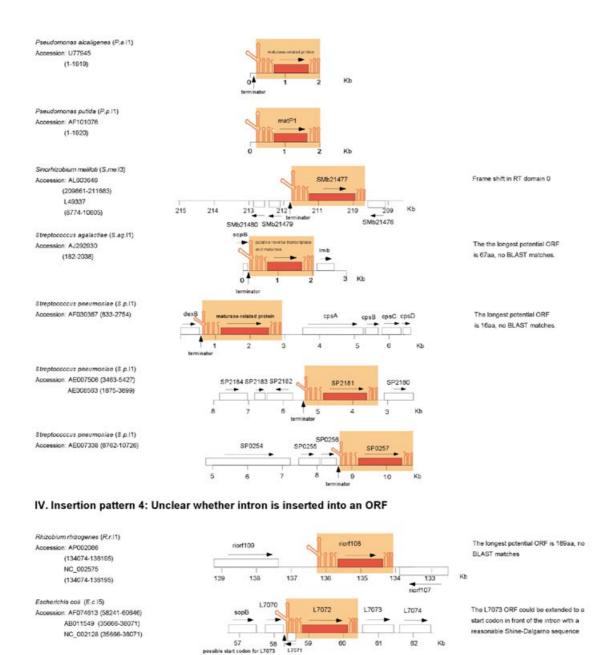
8



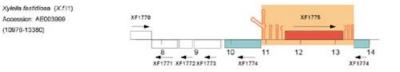
7

6





IV. Insertion pattern 5: Introns inserted into wrong strand of ORF



Inserted in opposite strand of the host methyltransferase gene. Stop codon in domain X

Figure S1. Group II introns that interrupt an ORF.