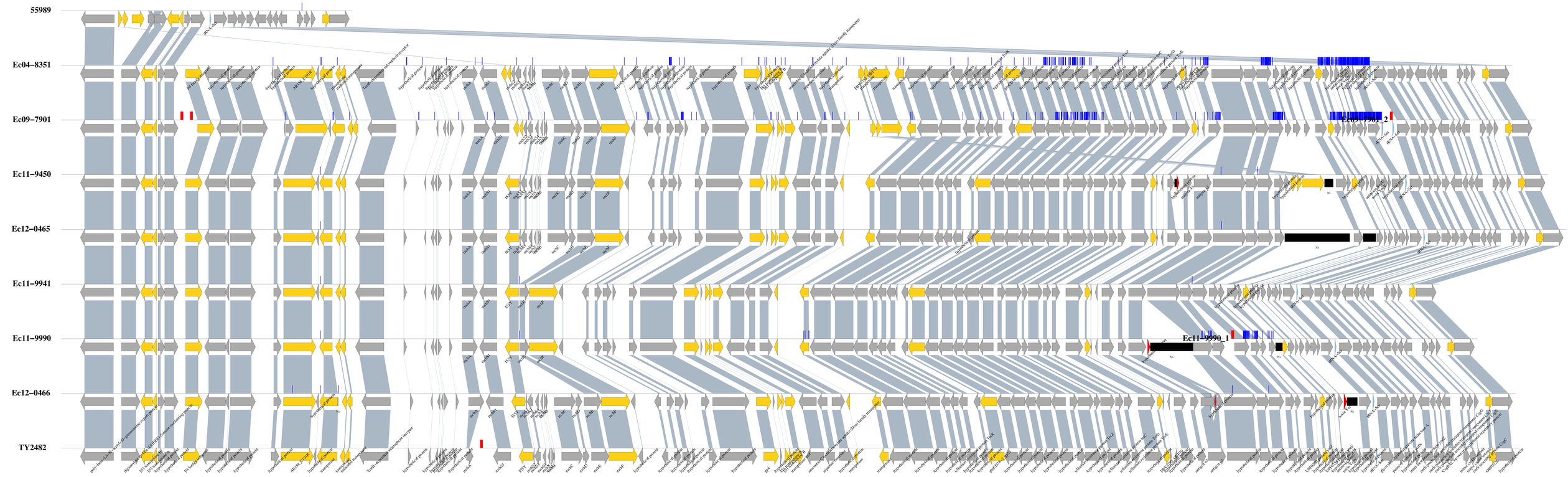
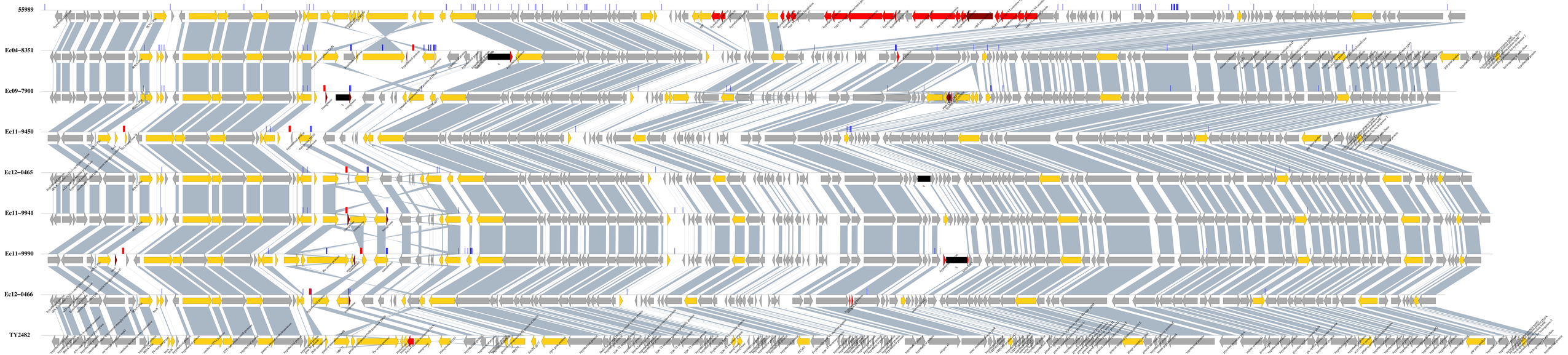
A.



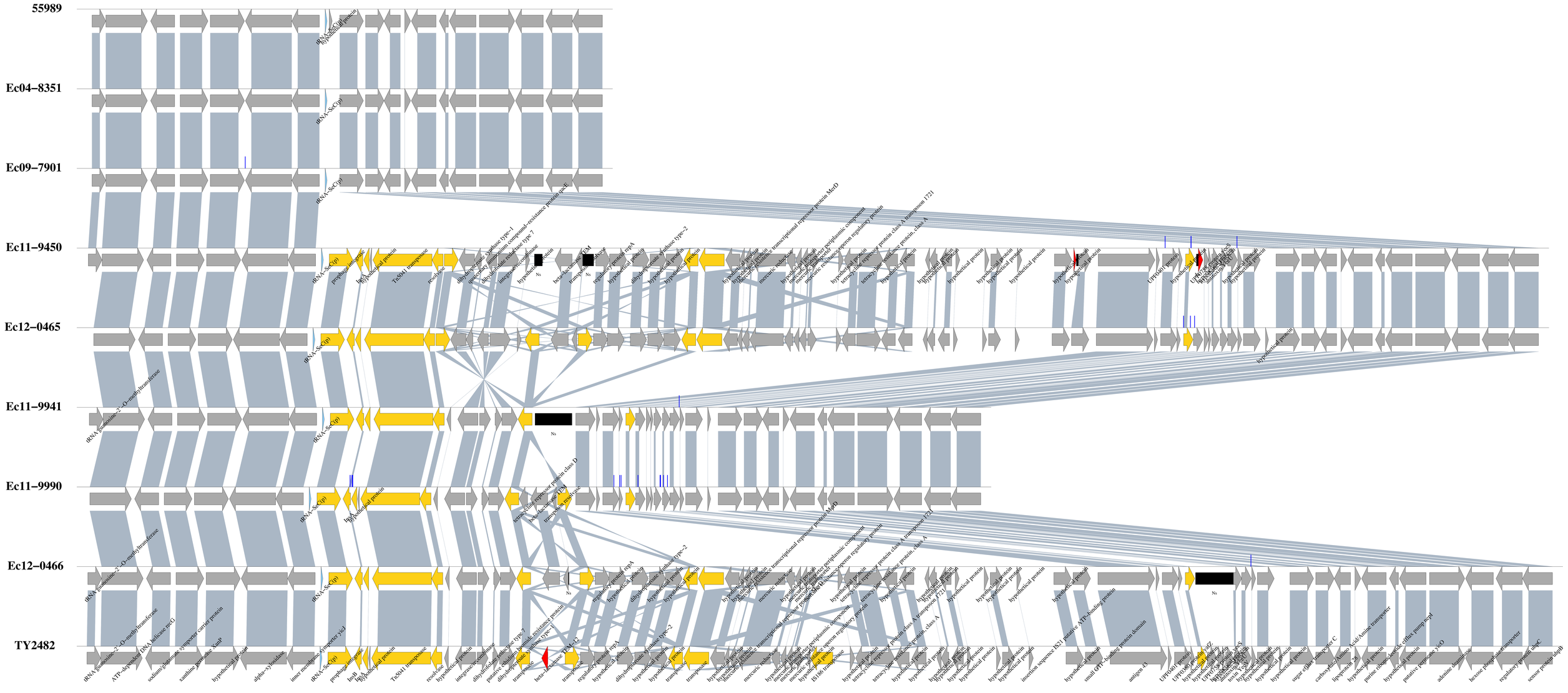
Genomic Island 1

B.



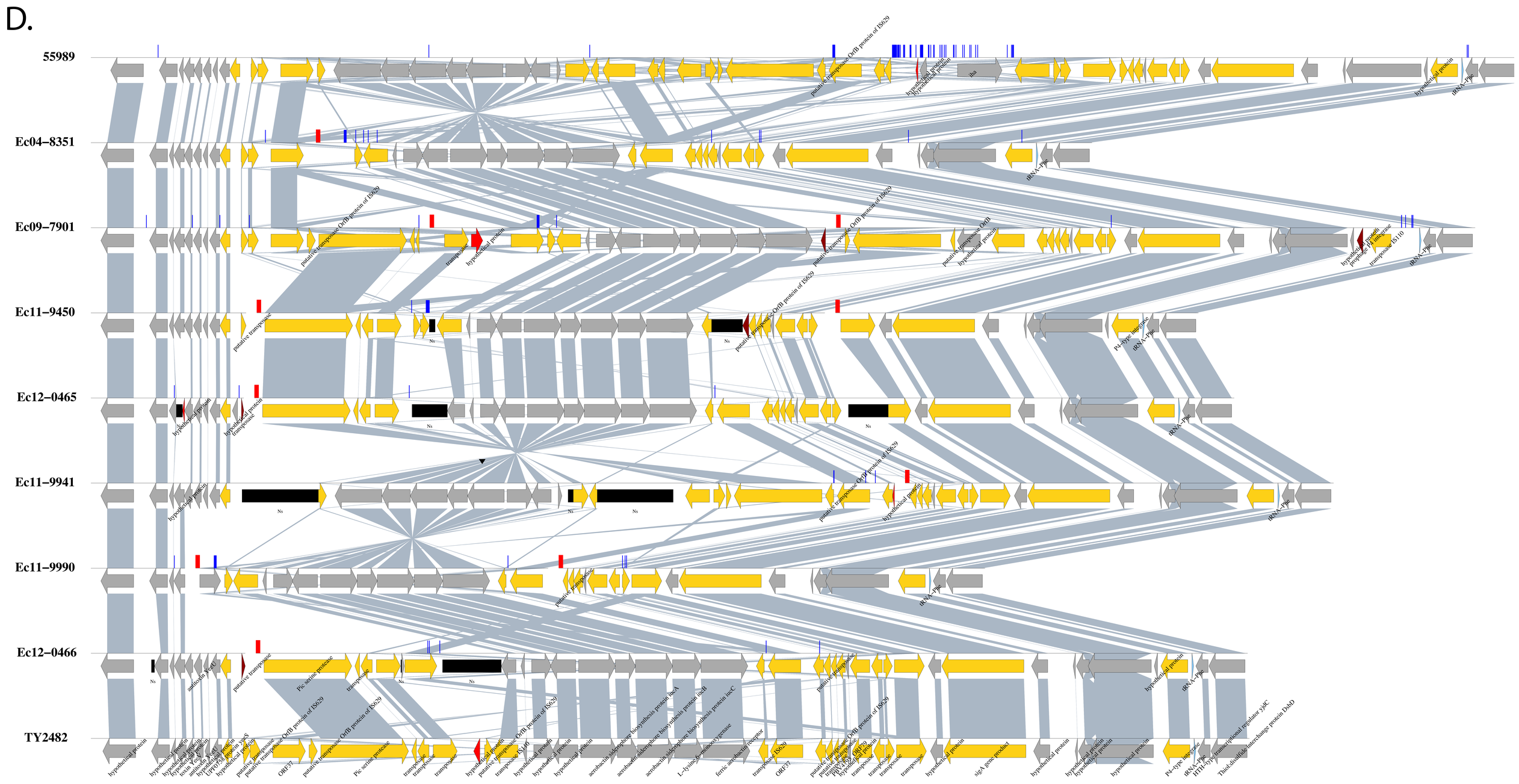
Genomic Island 2

C.



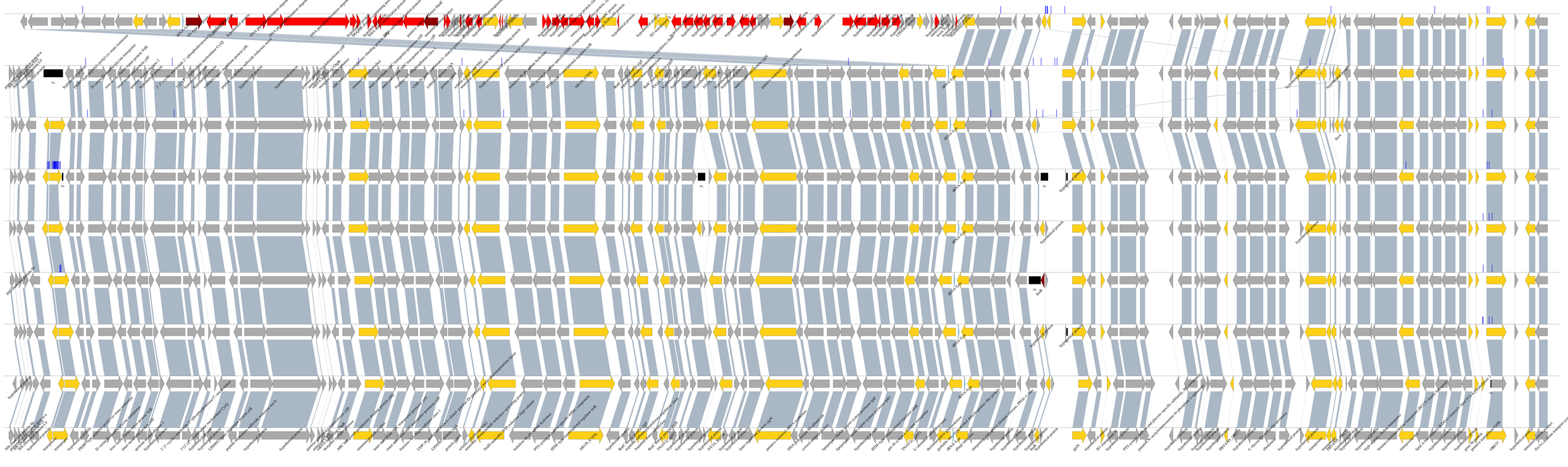
Genomic Island 3

D.



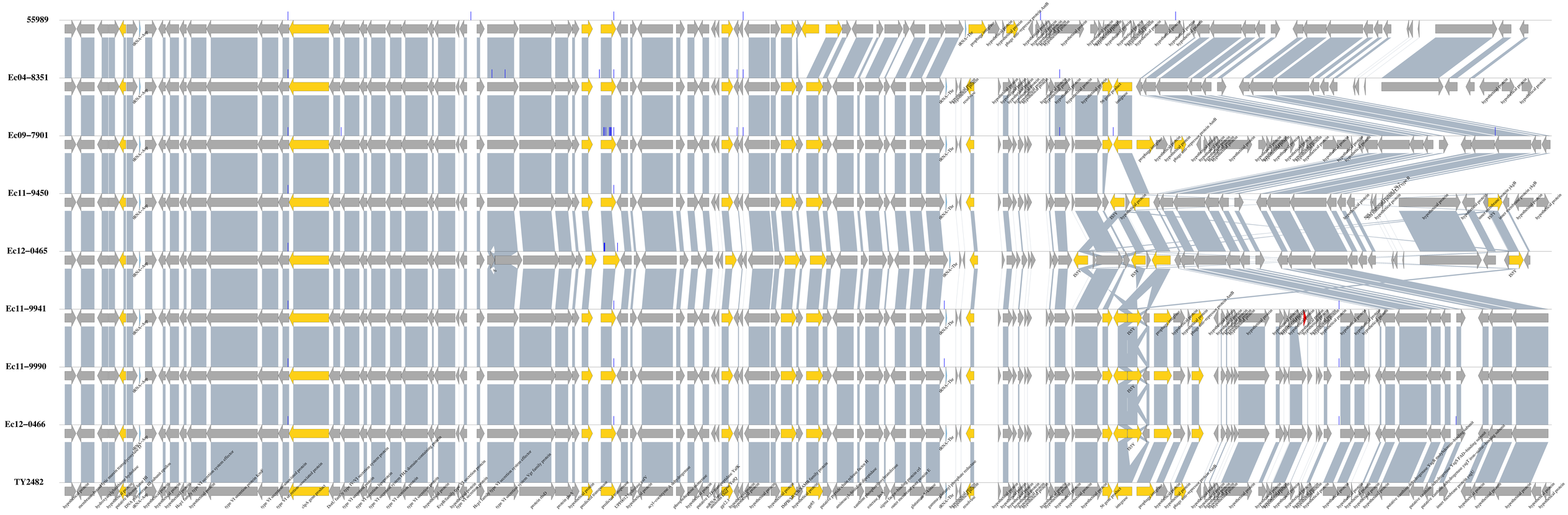
Genomic Island 4

E.



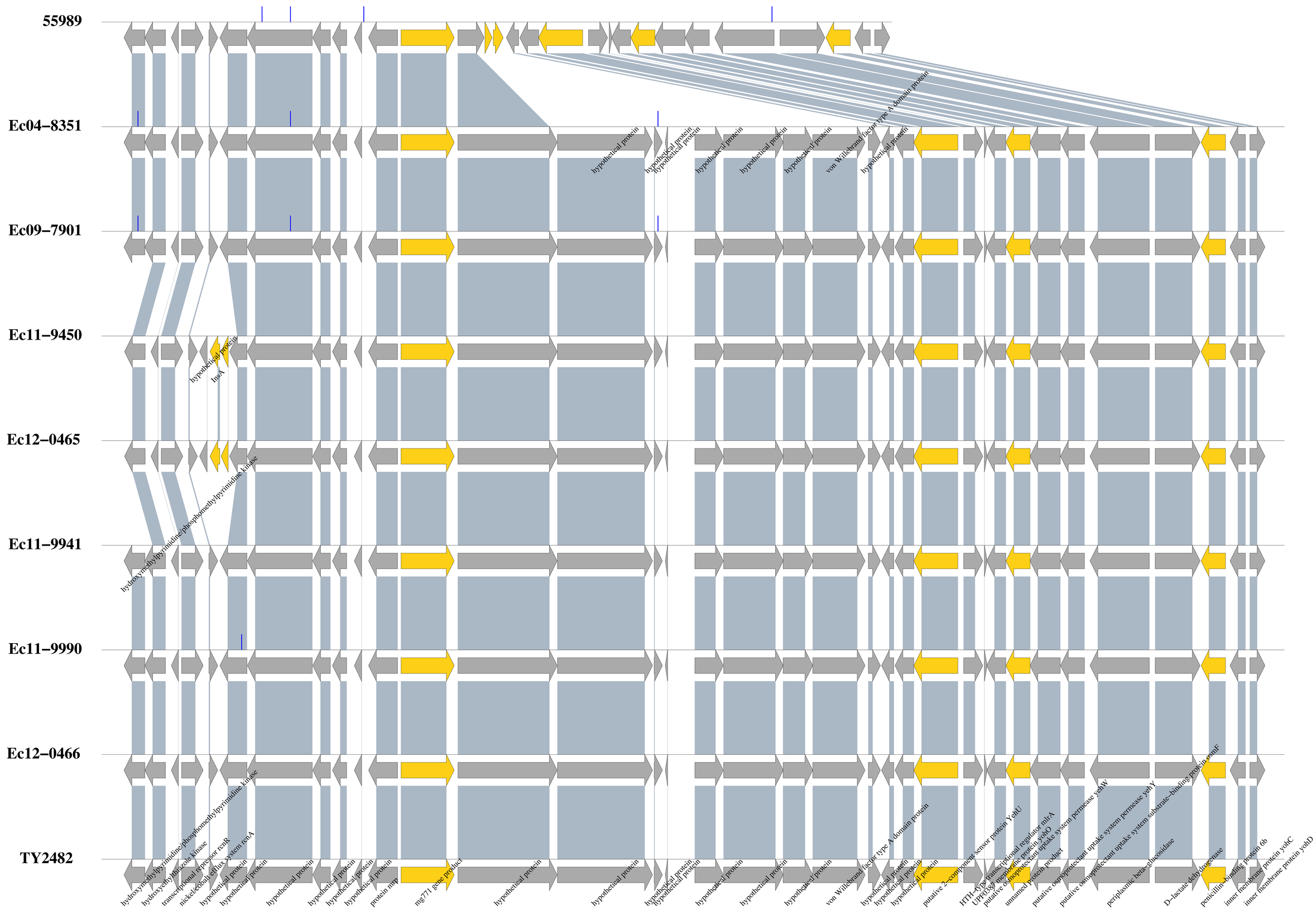
Genomic Island 5

F.



Genomic Island 6

G.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TY2482
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von Willebrand factor type A domain protein
hypothetical protein
InsA
hydroxymethylpyrimidine/phosphomethylpyrimidine kinase
hydroxymethylpyrimidine/phosphomethylpyrimidine kinase
hydroxyethylthiazole kinase
transcriptional repressor rcnR
nickel/cobalt efflux system rcnA
hypothetical protein
protein mrp
mg771 gene product
putative 2−component sensor protein YehU
HTH−type transcriptional regulator mlrA
putative osmoprotectant uptake system permease yehY
putative osmoprotectant uptake system permease yehW
putative osmoprotectant uptake system substrate−binding protein osmF
periplasmic beta−glucosidase
D−lactate dehydrogenase
penicillin−binding protein 6b
inner membrane protein yohC
inner membrane protein yohD

Deletion