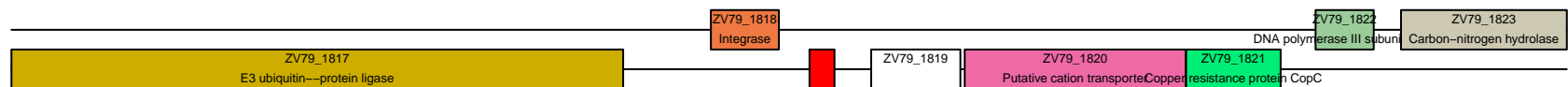


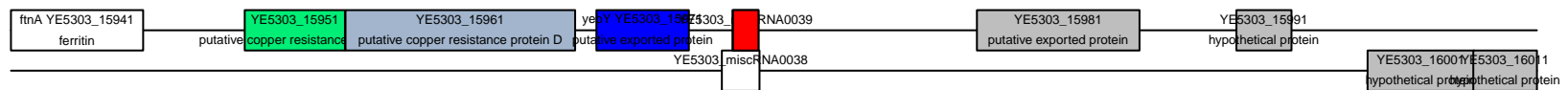
Escherichia coli str. K12 substr. W3110 DNA



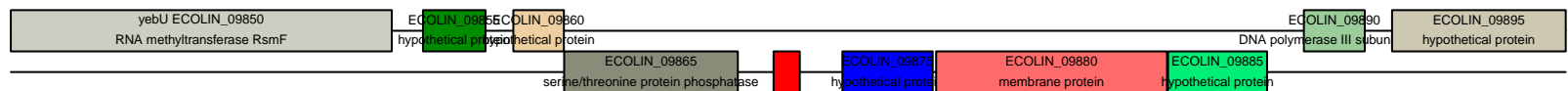
Escherichia coli B str. REL606



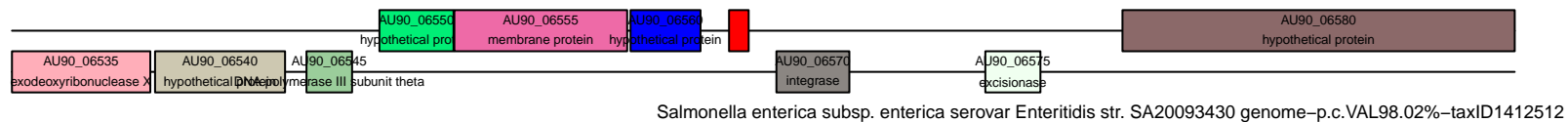
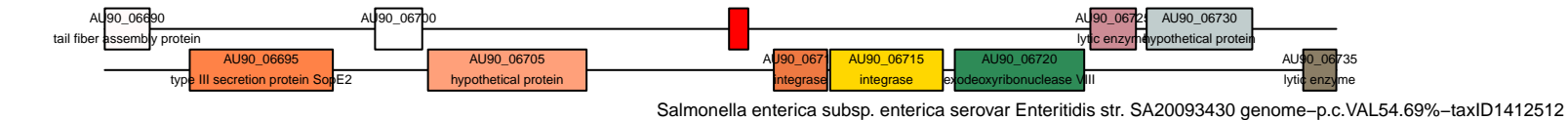
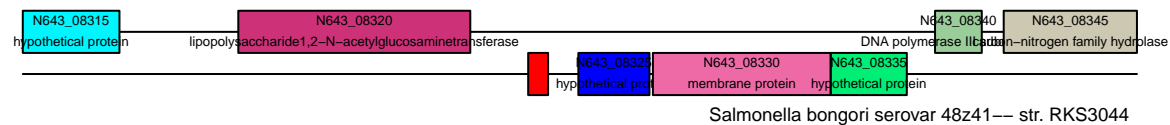
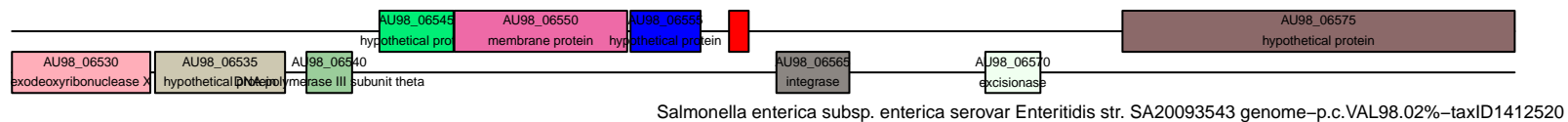
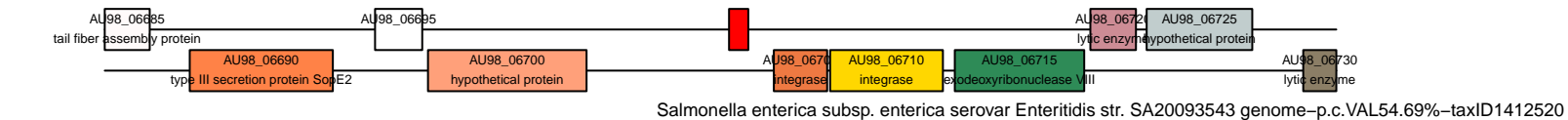
Salmonella enterica subsp. enterica serovar Typhimurium strain FORC\_015

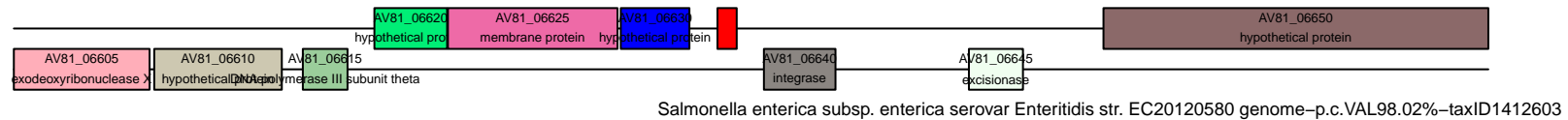
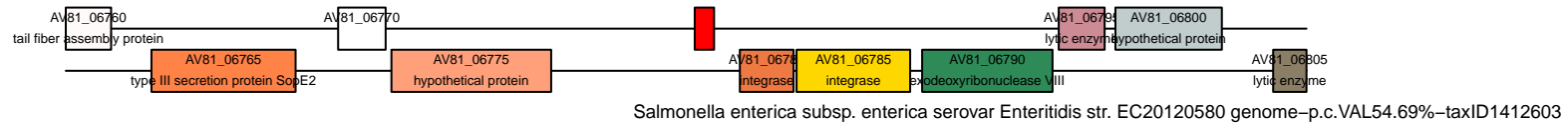
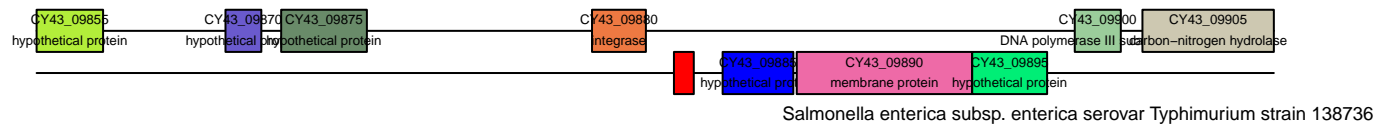
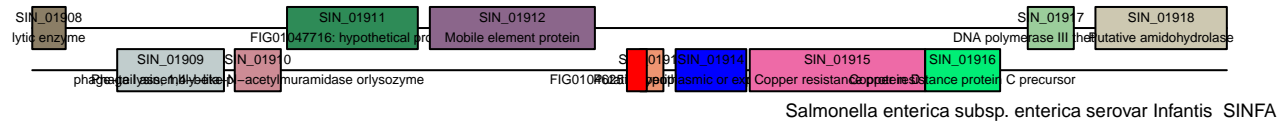
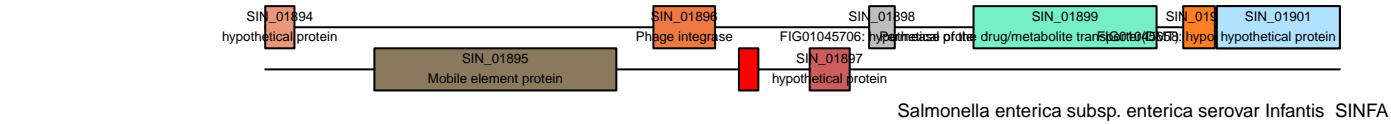


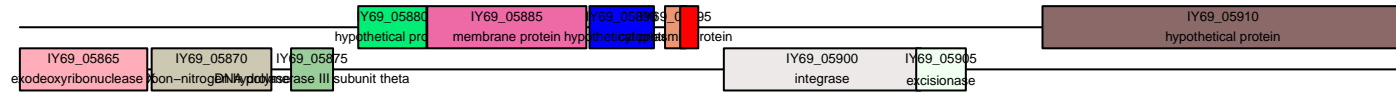
Yersinia enterocolitica (type O5) YE53/03 -p.c.VAL82.57%-taxID1262462



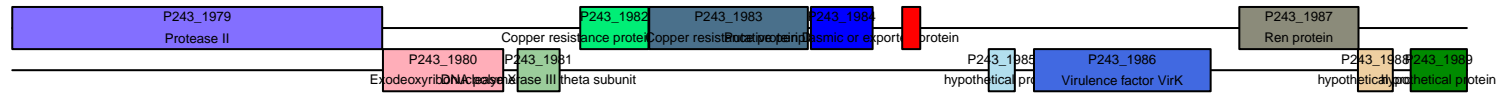
Escherichia coli Nissle 1917



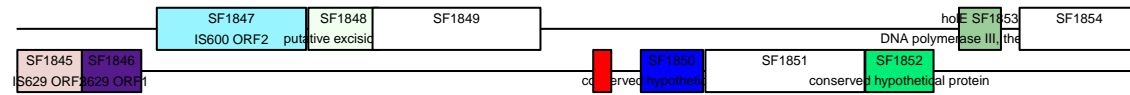




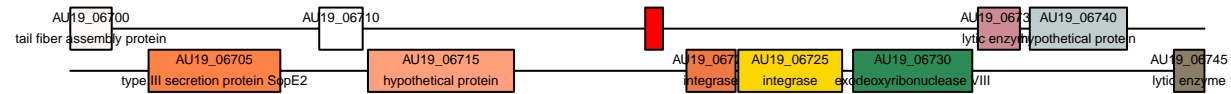
*Salmonella enterica* subsp. *enterica* serovar Enteritidis strain OLF-SE11-10058



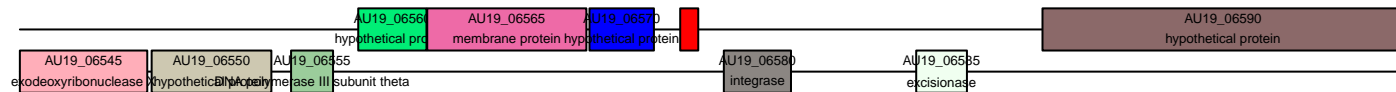
*Klebsiella pneumoniae* subsp. *pneumoniae* 1158



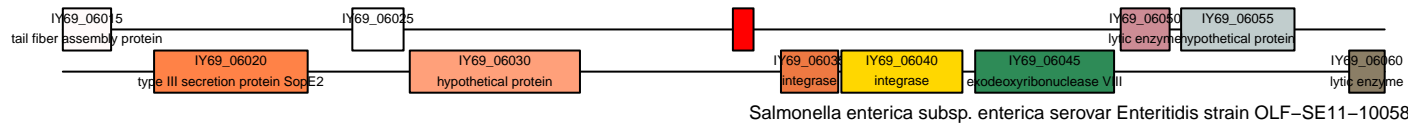
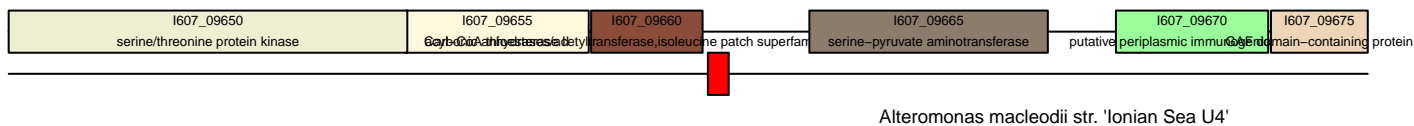
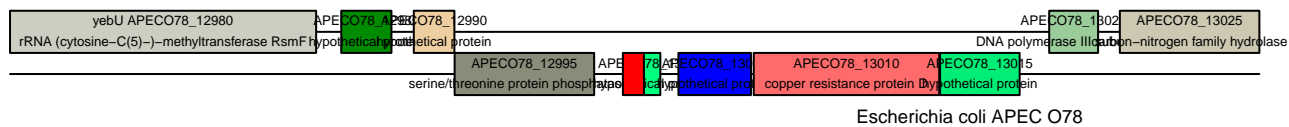
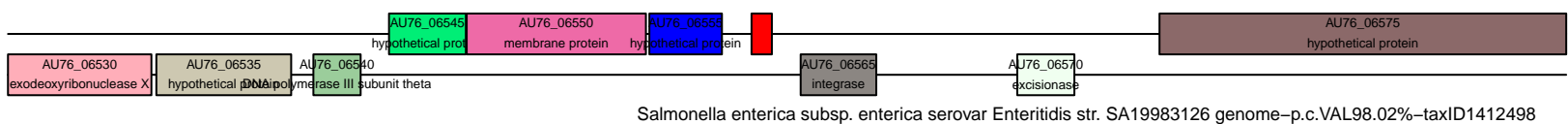
*Shigella flexneri* 2a str. 301



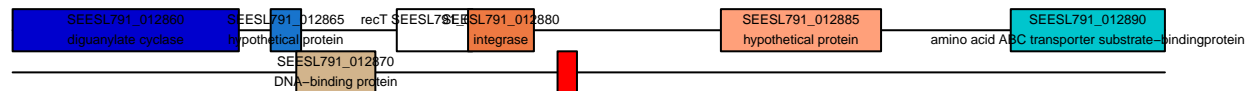
*Salmonella enterica* subsp. *enterica* serovar Enteritidis str. EC20110357



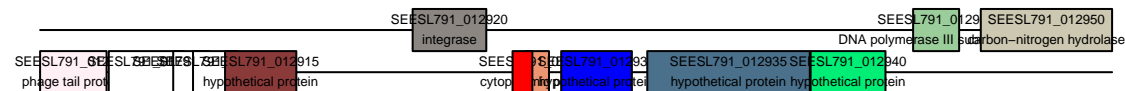
*Salmonella enterica* subsp. *enterica* serovar Enteritidis str. EC20110357



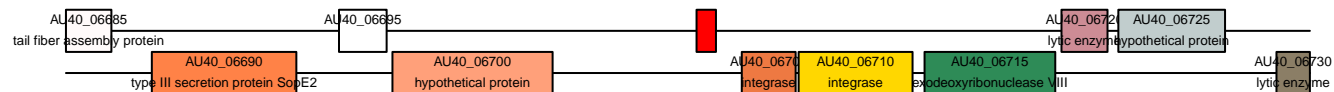




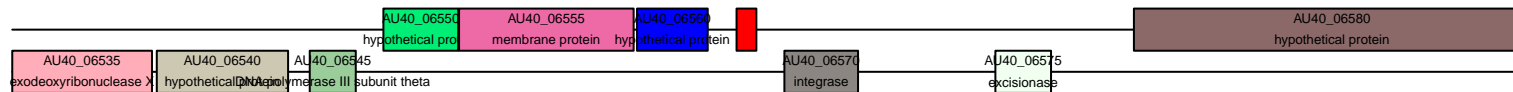
Salmonella enterica subsp. enterica serovar Sloterdijk str. ATCC 15791



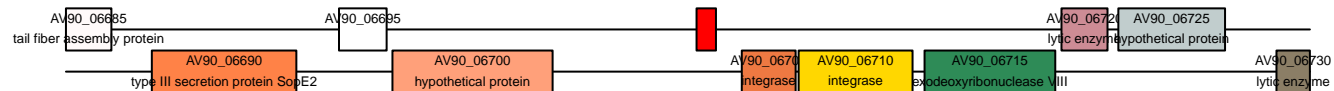
Salmonella enterica subsp. enterica serovar Sloterdijk str. ATCC 15791



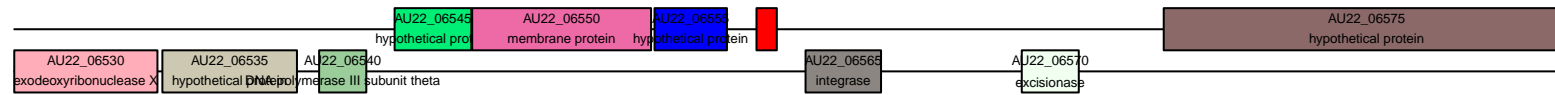
Salmonella enterica subsp. enterica serovar Enteritidis str. EC20090531



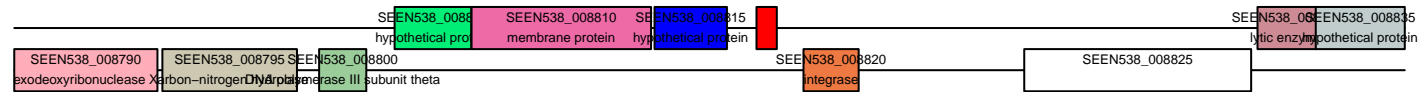
Salmonella enterica subsp. enterica serovar Enteritidis str. EC20090531



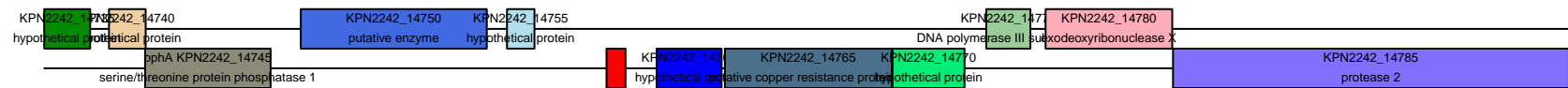
Salmonella enterica subsp. enterica serovar Enteritidis str. EC20120774 genome-p.c.VAL54.69%-taxID1412612



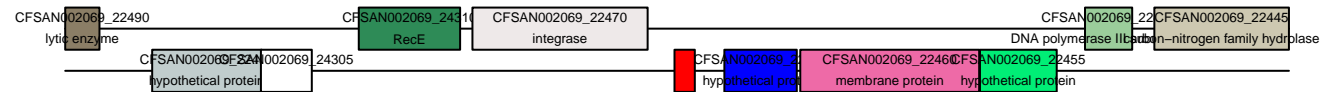
*Salmonella enterica* subsp. *enterica* serovar Enteritidis str. EC20110223



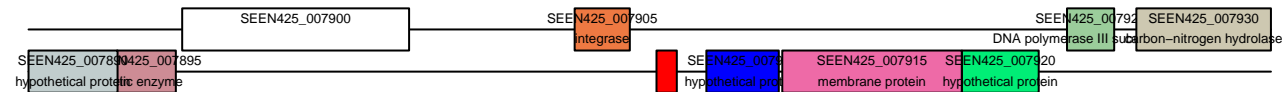
*Salmonella enterica* subsp. *enterica* serovar Newport str. CVM 21538



*Klebsiella pneumoniae* KCTC 2242

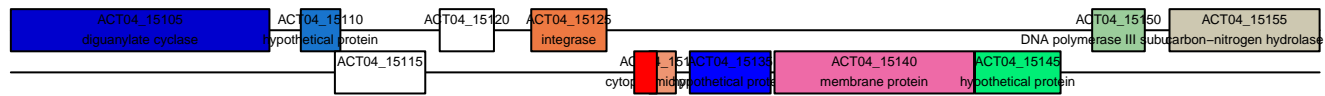


*Salmonella enterica* subsp. *enterica* serovar Heidelberg str. CFSAN002069

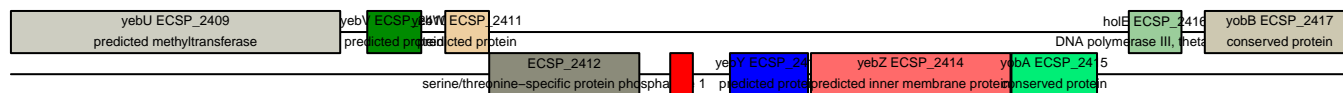


*Salmonella enterica* subsp. *enterica* serovar Newport str. CVM 22425

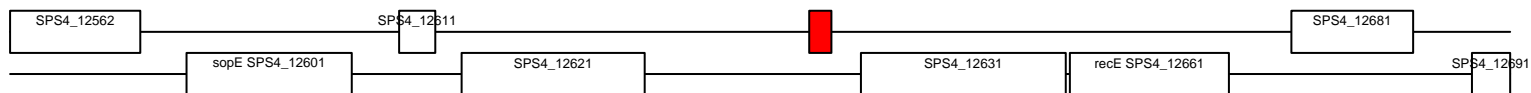




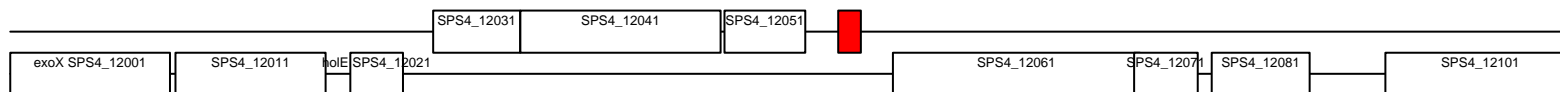
*Salmonella enterica* subsp. *enterica* serovar Typhi strain B/SF/13/03/195



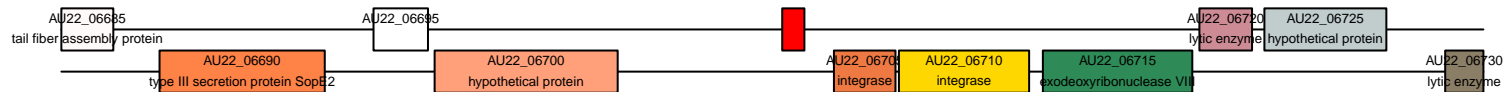
*Escherichia coli* O157H7 str. TW14359



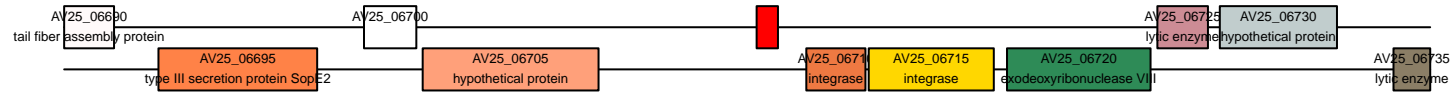
*Salmonella enterica* subsp. *enterica* serovar Pullorum S44987\_1



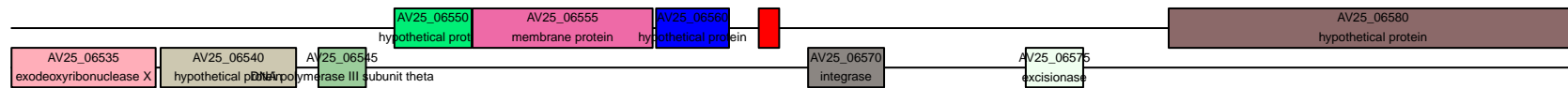
*Salmonella enterica* subsp. *enterica* serovar Pullorum S44987\_1



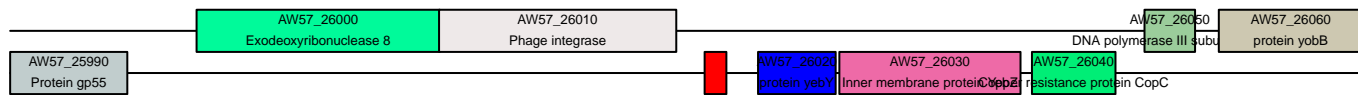
*Salmonella enterica* subsp. *enterica* serovar Enteritidis str. EC20110223



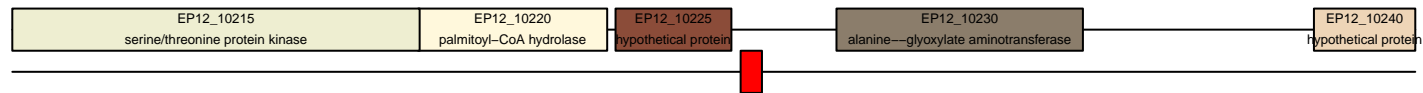
*Salmonella enterica* subsp. *enterica* serovar *Enteritidis* str. EC20120229 genome-p.c.VAL54.69%-taxID1412547



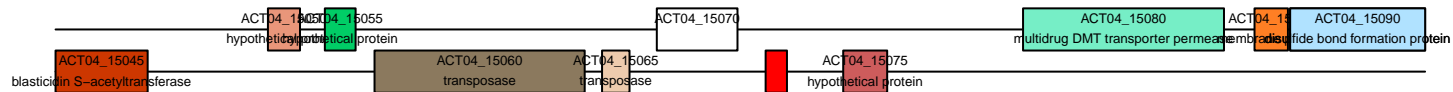
*Salmonella enterica* subsp. *enterica* serovar *Enteritidis* str. EC20120229 genome-p.c.VAL98.02%-taxID1412547



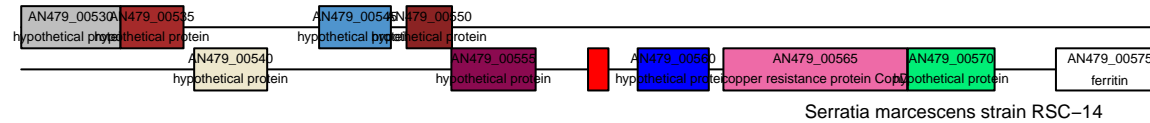
*Salmonella enterica* subsp. *enterica* serovar *Anatum* str. CDC 06-0532



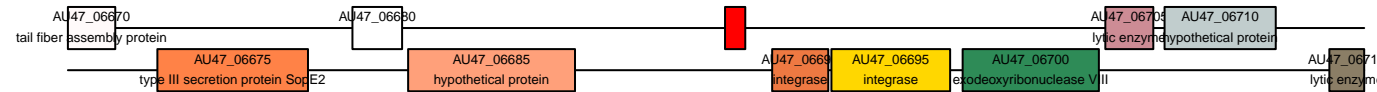
*Alteromonas australica* strain DE170



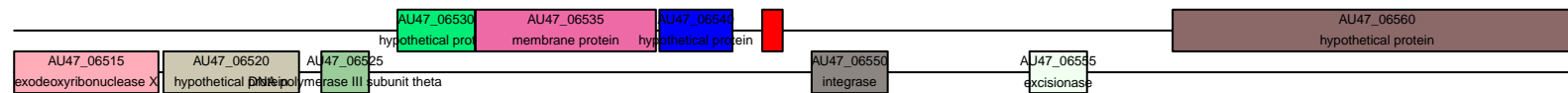
*Salmonella enterica* subsp. *enterica* serovar *Typhi* strain B/SF/13/03/195



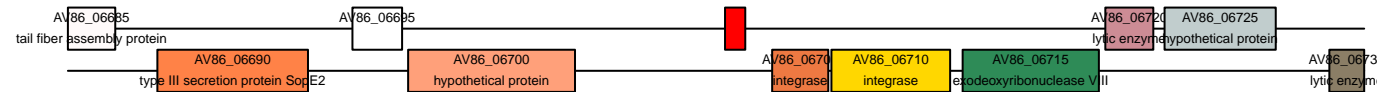
*Serratia marcescens* strain RSC-14



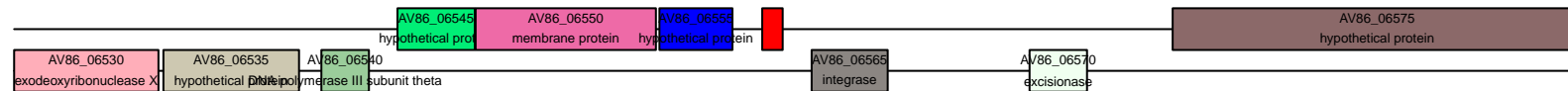
*Salmonella enterica* subsp. *enterica* serovar Enteritidis str. EC20120007 genome-p.c.VAL54.69%-taxID1412469



*Salmonella enterica* subsp. *enterica* serovar Enteritidis str. EC20120007 genome-p.c.VAL98.02%-taxID1412469



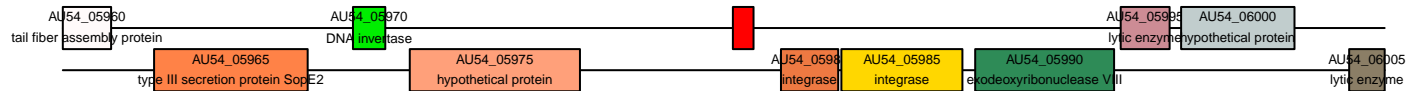
*Salmonella enterica* subsp. *enterica* serovar Enteritidis str. EC20120687 genome-p.c.VAL54.69%-taxID1412608



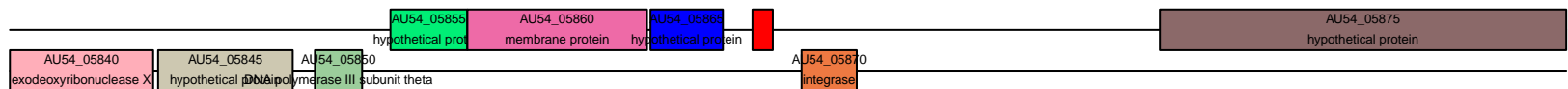
*Salmonella enterica* subsp. *enterica* serovar Enteritidis str. EC20120687 genome-p.c.VAL98.02%-taxID1412608



Escherichia coli strain ST2747



Salmonella enterica subsp. enterica serovar Enteritidis str. SA20094682 genome-p.c.VAL54.69%-taxID1412476



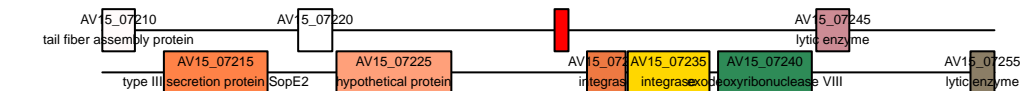
Salmonella enterica subsp. enterica serovar Enteritidis str. SA20094682 genome-p.c.VAL98.02%-taxID1412476



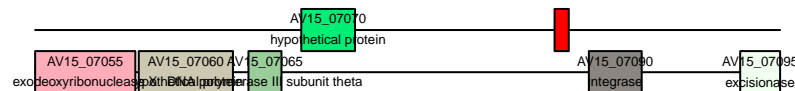
Salmonella enterica subsp. enterica serovar Typhimurium str. ST4/74



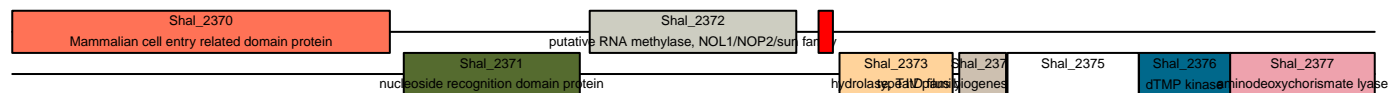
Escherichia coli strain SQ2203



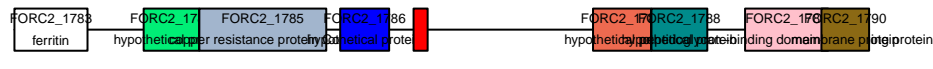
Salmonella enterica subsp. enterica serovar Enteritidis str. EC20120528 genome-p.c.VAL54.69%-taxID1412537



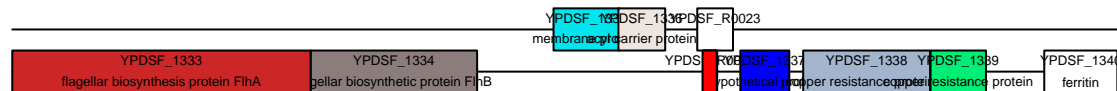
Salmonella enterica subsp. enterica serovar Enteritidis str. EC20120528 genome-p.c.VAL98.02%-taxID1412537



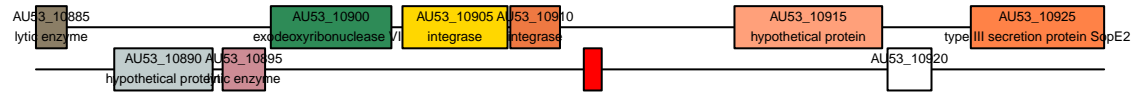
Shewanella halifaxensis HAW-EB4



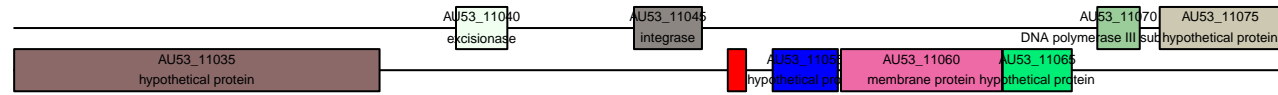
Yersinia enterocolitica strain FORC\_002



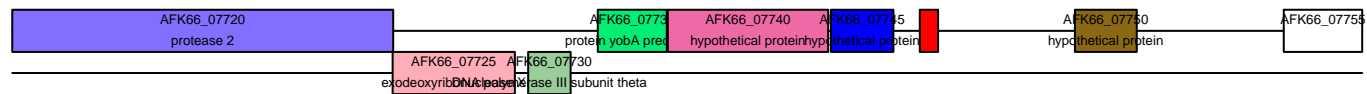
Yersinia pestis Pestoides F



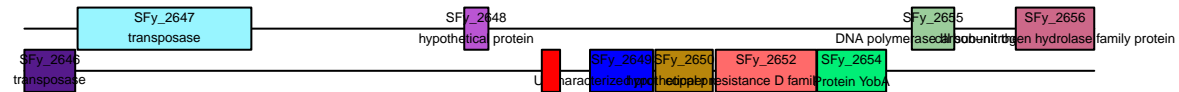
*Salmonella enterica* subsp. *enterica* serovar Enteritidis str. SA20093266



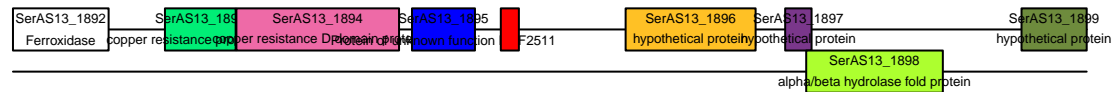
*Salmonella enterica* subsp. *enterica* serovar Enteritidis str. SA20093266



*Cronobacter malonicus* LMG 23826



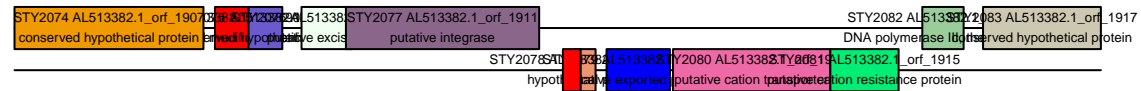
*Shigella flexneri* 2003036



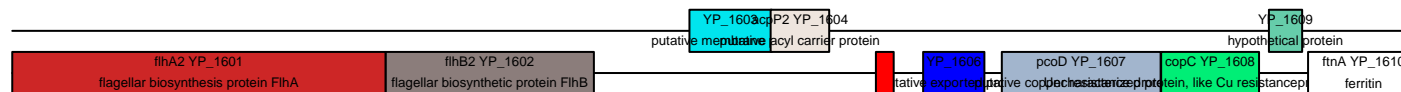
*Serratia* sp. AS13



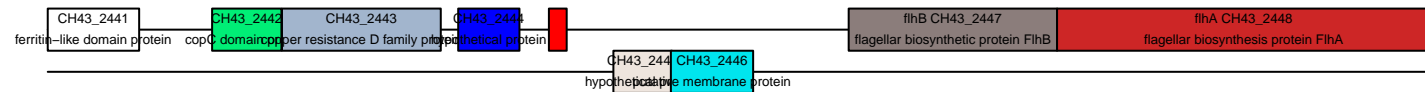
*Salmonella enterica* subsp. *enterica* serovar Typhi str. CT18



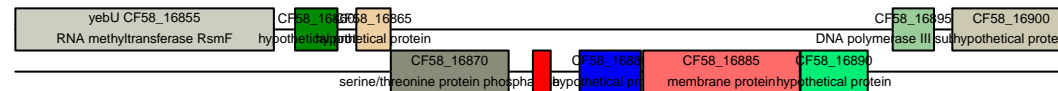
*Salmonella enterica* subsp. *enterica* serovar Typhi str. CT18



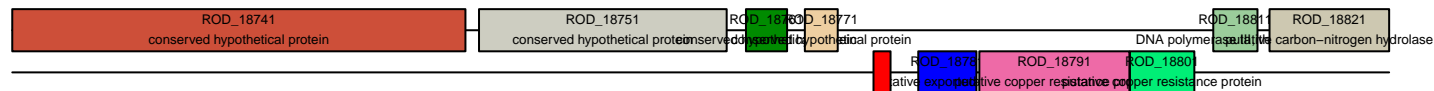
*Yersinia pestis* biovar *Microtus* str. 91001



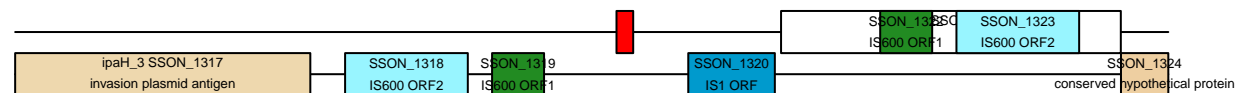
*Yersinia pestis* Pestoides G



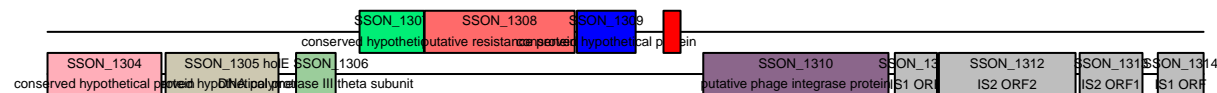
*Escherichia coli* strain ST2747



*Citrobacter rodentium* ICC168



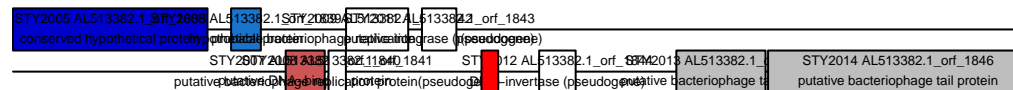
*Shigella sonnei* Ss046



*Shigella sonnei* Ss046

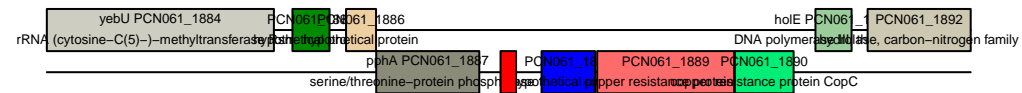


*Escherichia coli* str. K-12 substr. MDS42 DNA



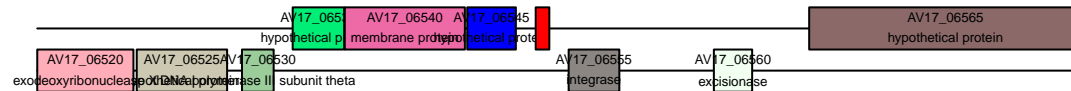
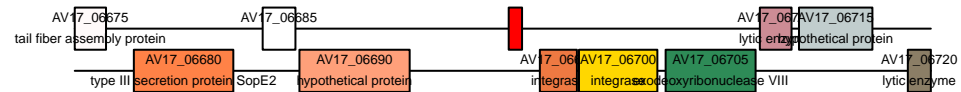
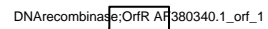
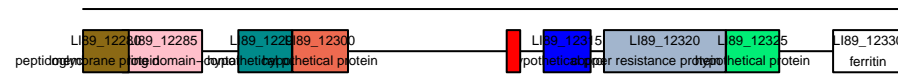
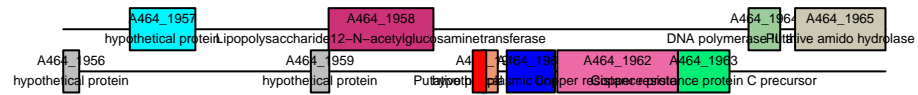
*Salmonella enterica* subsp. enterica serovar Typhi str. CT18

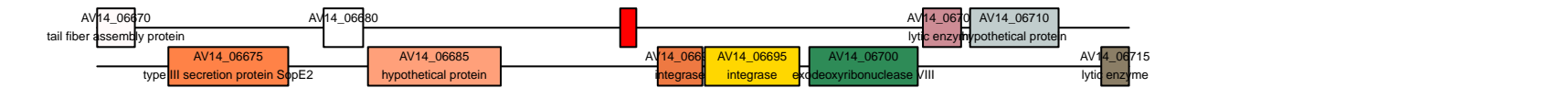




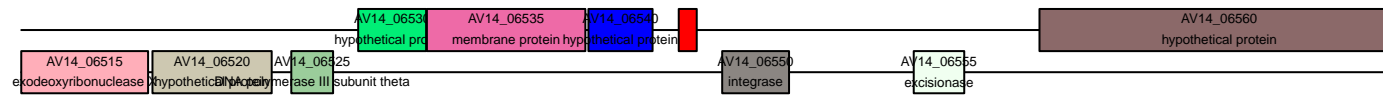
Genomic map of the AA102\_2100-2115 region. The map shows genes AA102\_2100 to AA102\_2115. AA102\_2100 is a hypothetical protein. AA102\_2101 is a membrane protein. AA102\_2102 is a hypothetical protein. AA102\_2103 is a hypothetical protein. AA102\_2104 is a hypothetical protein. AA102\_2105 is a hypothetical protein. AA102\_2106 is a hypothetical protein. AA102\_2107 is a hypothetical protein. AA102\_2108 is a hypothetical protein. AA102\_2109 is a hypothetical protein. AA102\_2110 is a hypothetical protein. AA102\_2111 is a hypothetical protein. AA102\_2112 is a hypothetical protein. AA102\_2113 is a hypothetical protein. AA102\_2114 is a hypothetical protein. AA102\_2115 is a hypothetical protein. The map also shows the location of the yebU gene (AA102\_2109) and the yebV gene (AA102\_2110). The map is color-coded: green for hypothetical proteins, red for membrane proteins, blue for hypothetical proteins, and grey for hypothetical proteins.

*Yersinia pestis* strain Harbin35

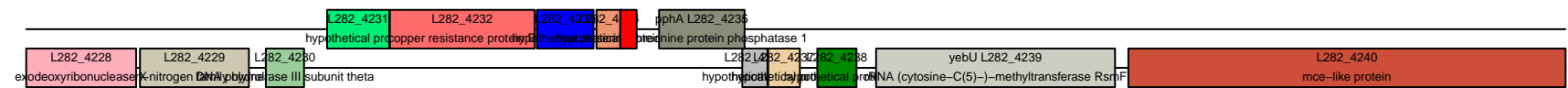




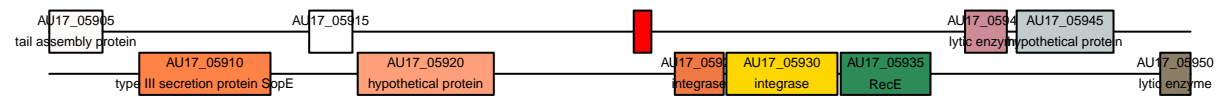
Salmonella enterica subsp. enterica serovar Enteritidis str. EC20120544 genome-p.c.VAL54.69%-taxID1412536



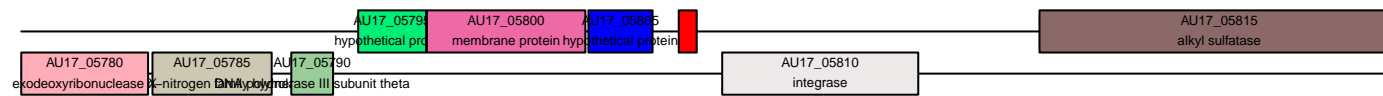
Salmonella enterica subsp. enterica serovar Enteritidis str. EC20120544 genome-p.c.VAL98.02%-taxID1412536



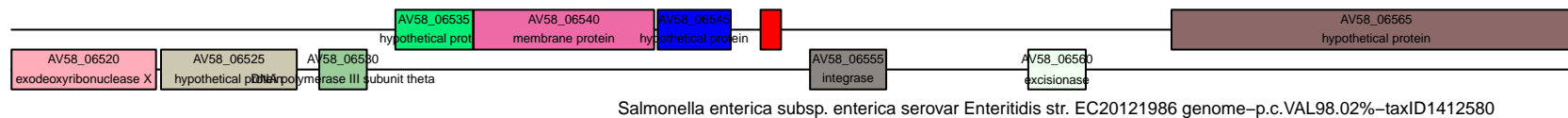
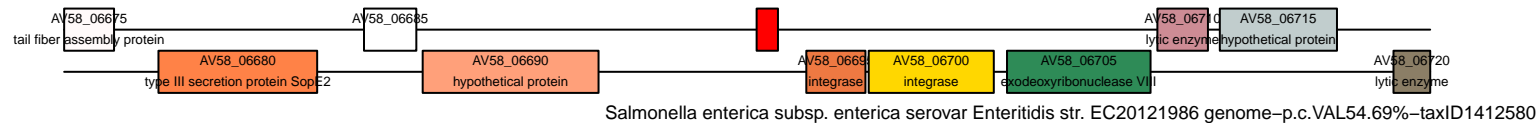
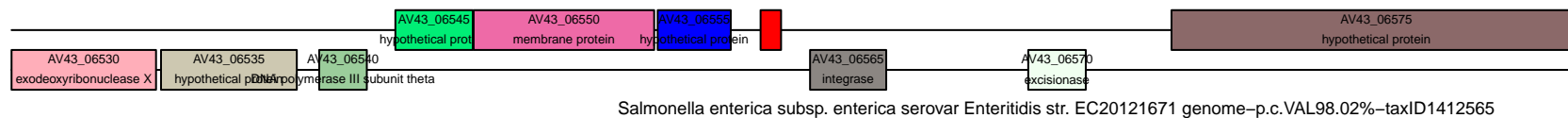
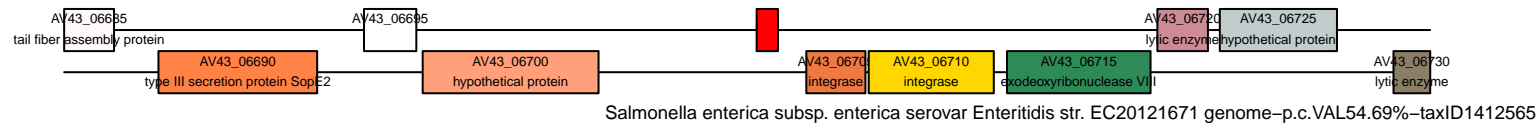
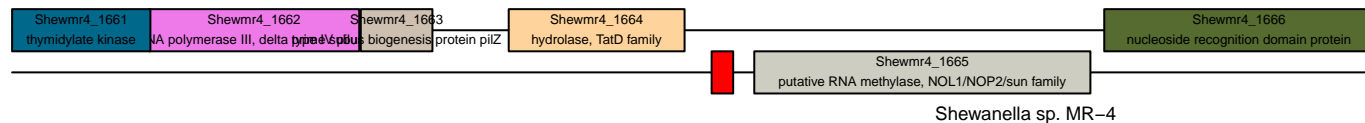
Escherichia coli APEC IMT5155



Salmonella enterica subsp. enterica serovar Enteritidis str. EC20110354

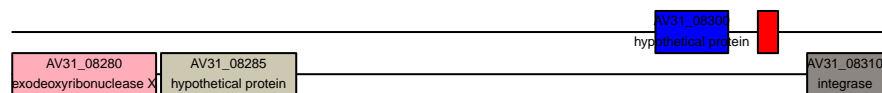


Salmonella enterica subsp. enterica serovar Enteritidis str. EC20110354

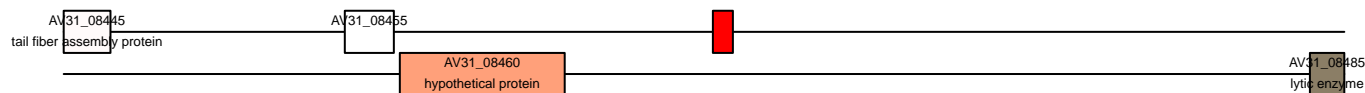




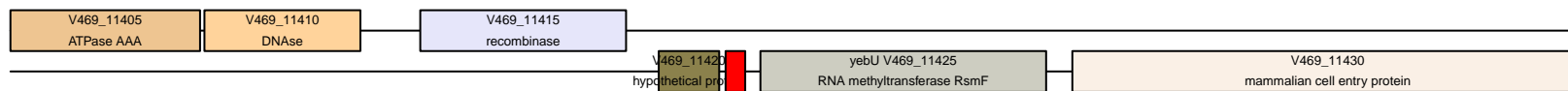
*Alteromonas macleodii* str. 'English Channel 673'



*Salmonella enterica* subsp. *enterica* serovar Enteritidis str. EC20120697 genome-p.c.VAL64.46%-taxID1412553



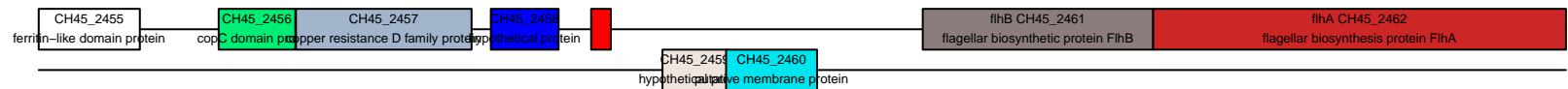
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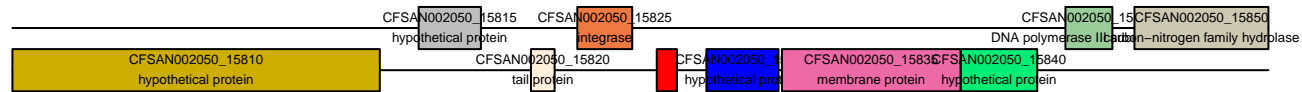
*Aeromonas hydrophila* J-1



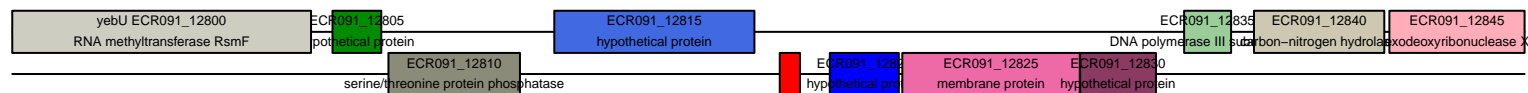
*Escherichia coli* E24377A



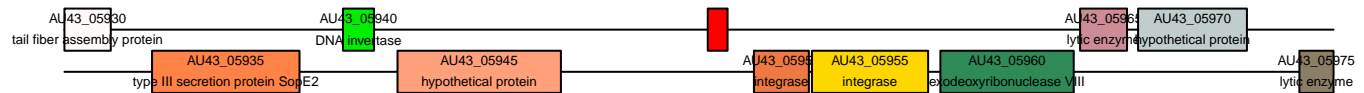
Yersinia pestis strain Nairobi genome-p.c.VAL86.92%-taxID632



Salmonella enterica subsp. enterica Serovar Cubana str. CFSAN002050



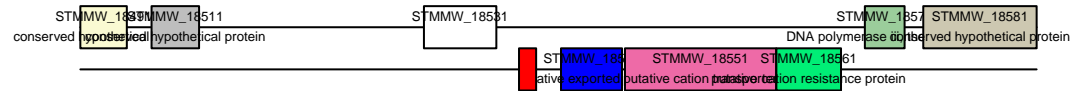
Enterobacter cloacae ECR091



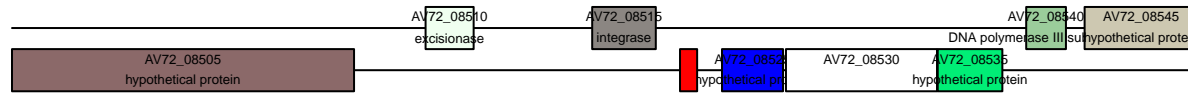
Salmonella enterica subsp. enterica serovar Enteritidis str. EC20100134



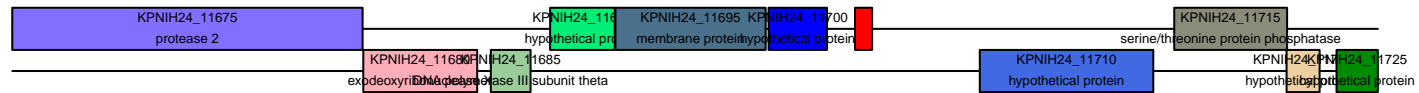
Salmonella enterica subsp. enterica serovar Enteritidis str. EC20100134



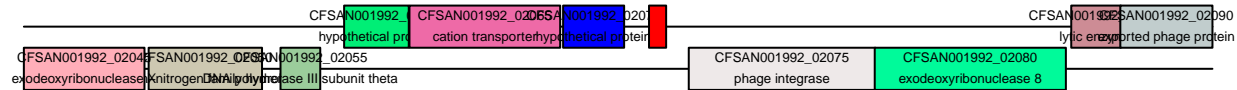
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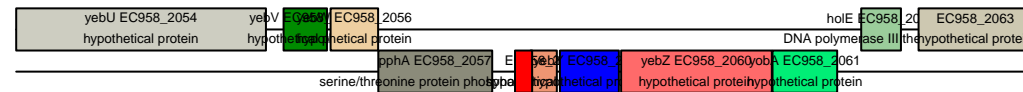
*Salmonella enterica* subsp. *enterica* serovar Enteritidis str. EC20121177 genome–p.c.VAL98.02%–taxID1412594



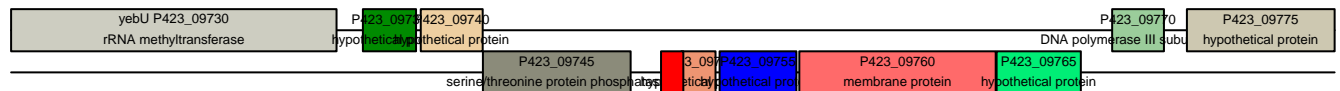
*Klebsiella pneumoniae* subsp. *pneumoniae* KPNIH24



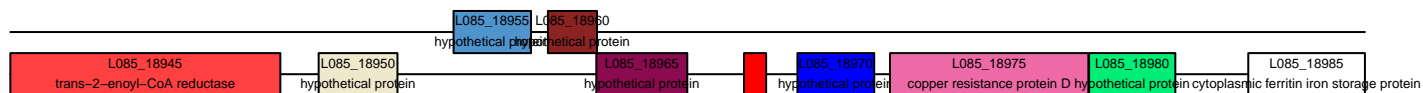
*Salmonella enterica* subsp. *enterica* serovar Javiana str. CFSAN001992



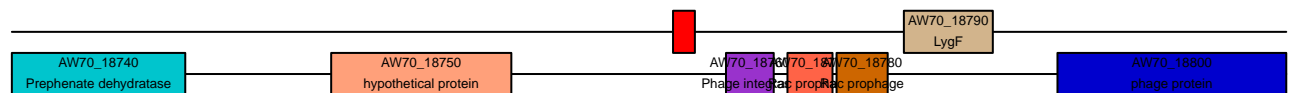
*Escherichia coli* ST131 strain EC958



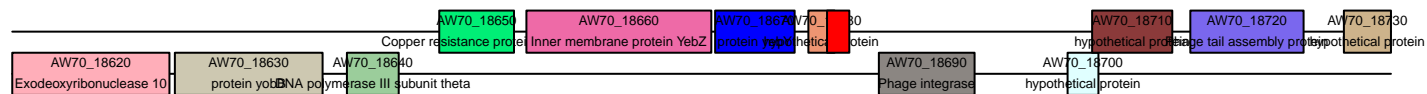
Escherichia coli JJ1886



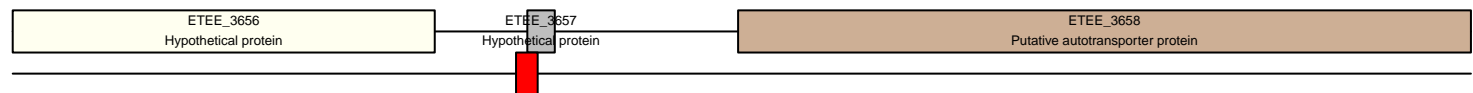
Serratia sp. FS14



Salmonella enterica subsp. enterica serovar Montevideo str. USDA-ARS-USMARC-1921

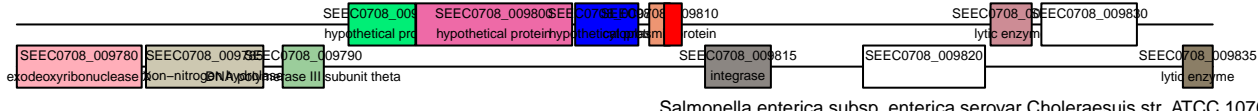
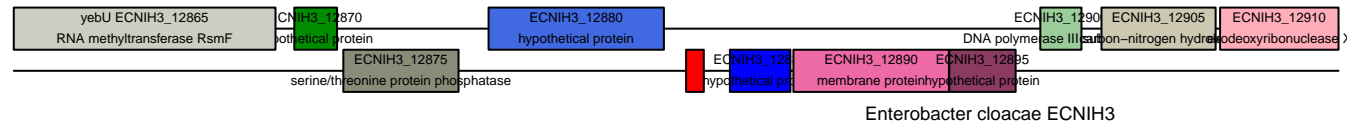
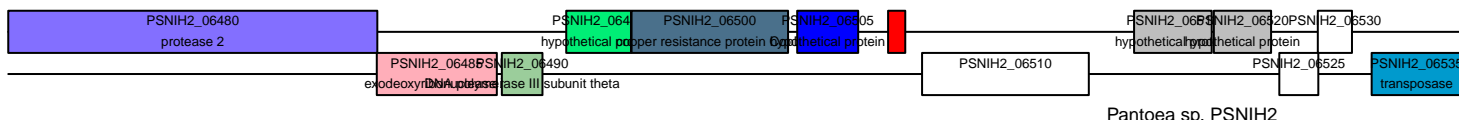
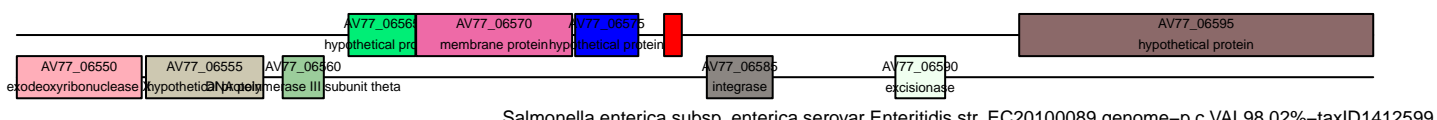
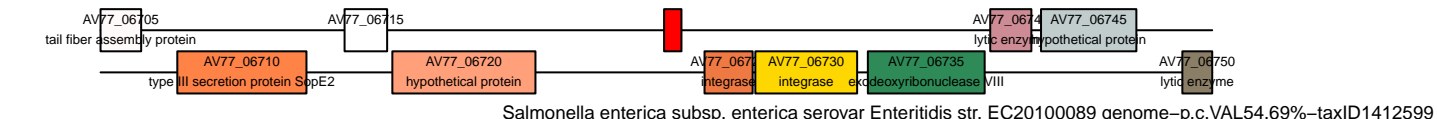


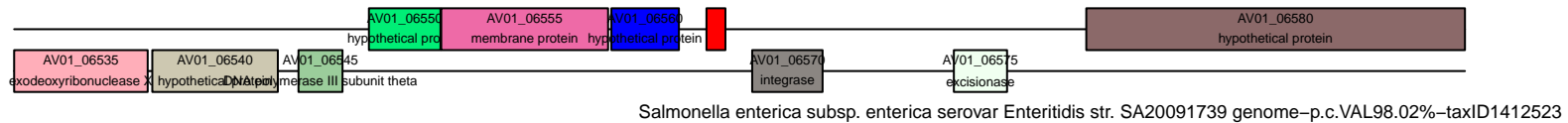
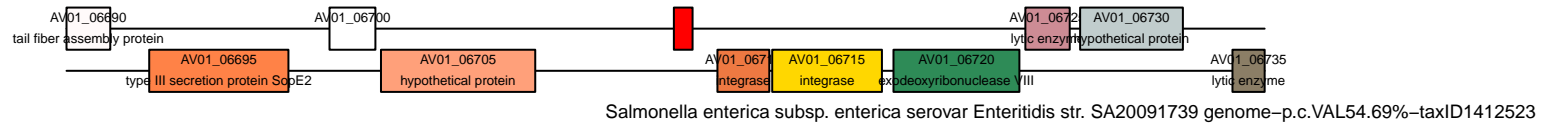
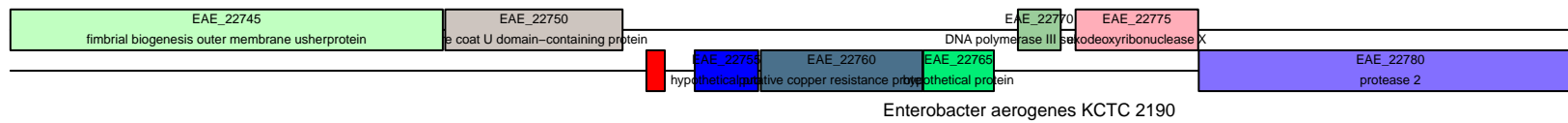
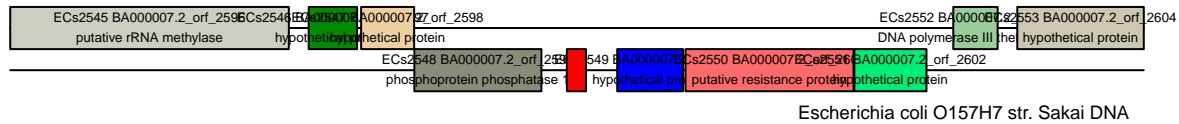
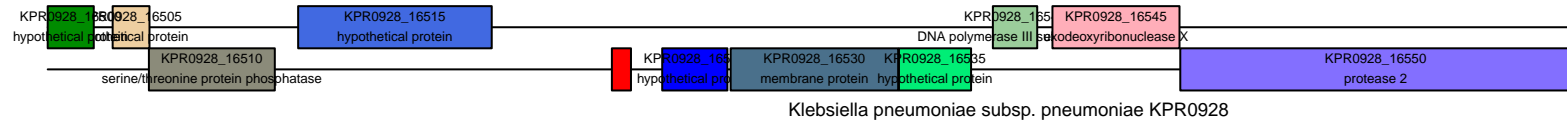
Salmonella enterica subsp. enterica serovar Montevideo str. USDA-ARS-USMARC-1921

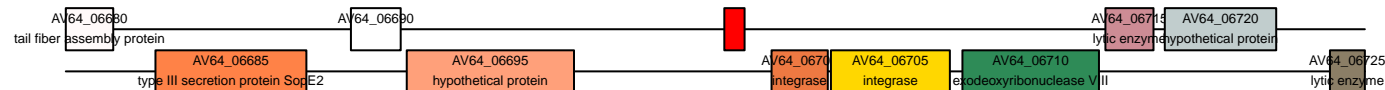


Edwardsiella tarda 080813

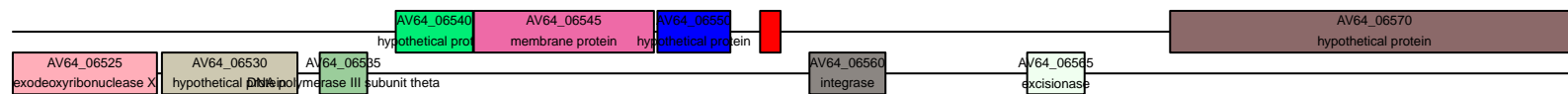




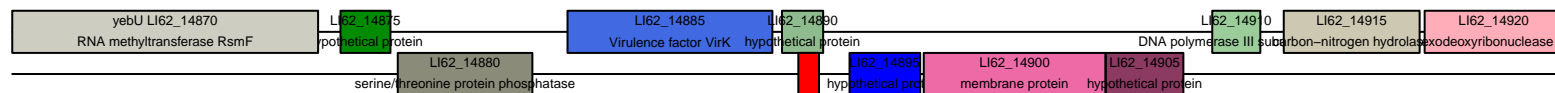




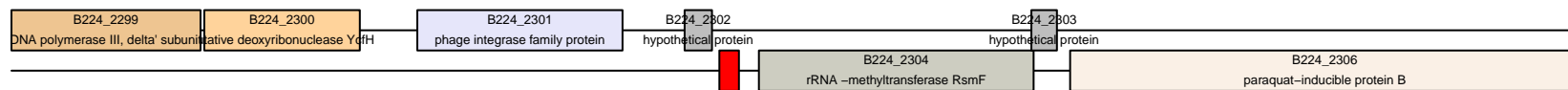
*Salmonella enterica* subsp. *enterica* serovar *Enteritidis* str. EC20100100 genome-p.c.VAL54.69%-taxID1412586



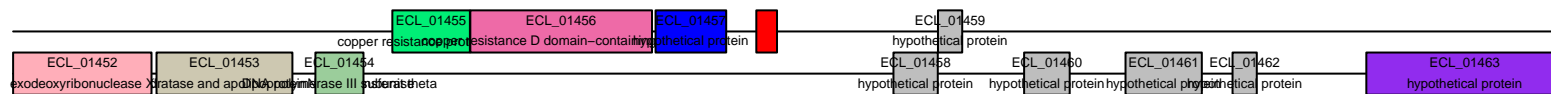
*Salmonella enterica* subsp. *enterica* serovar *Enteritidis* str. EC20100100 genome-p.c.VAL98.02%-taxID1412586



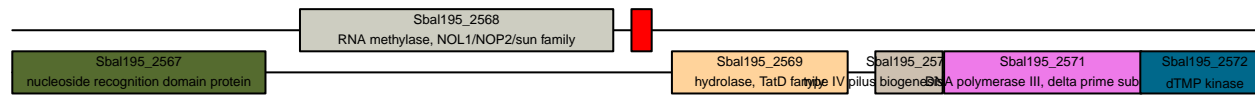
*Enterobacter cloacae* strain 34977



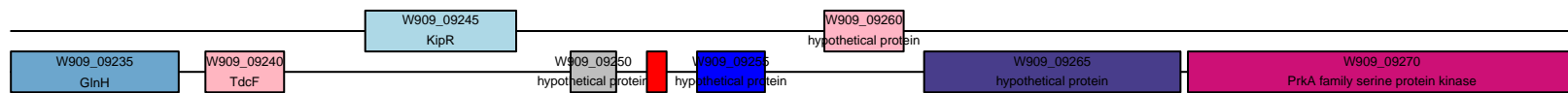
*Aeromonas media* WS



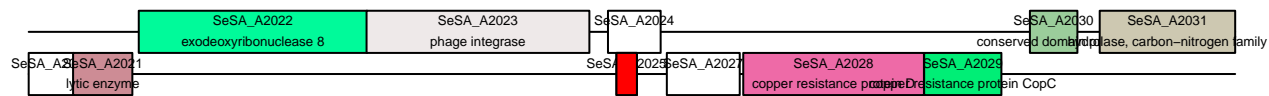
*Enterobacter cloacae* subsp. *cloacae* ATCC 13047



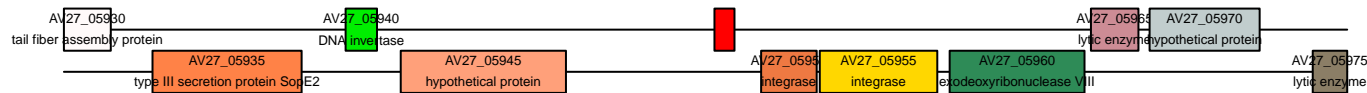
Shewanella baltica OS195



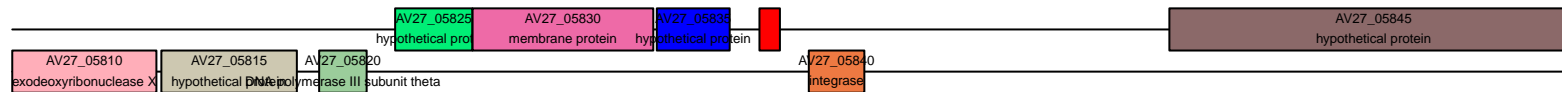
Dickeya zeae EC1



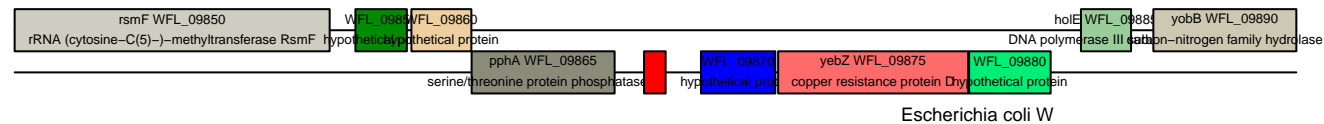
Salmonella enterica subsp. enterica serovar Schwarzengrund str. CVM19633



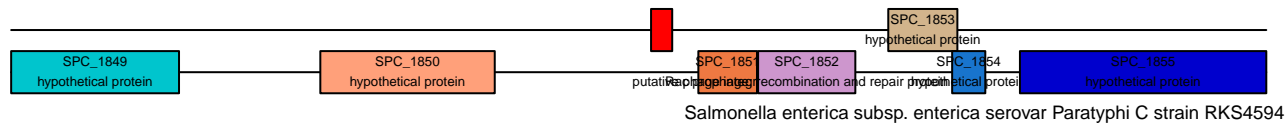
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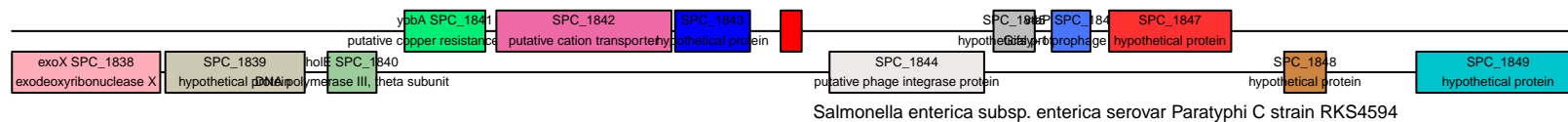
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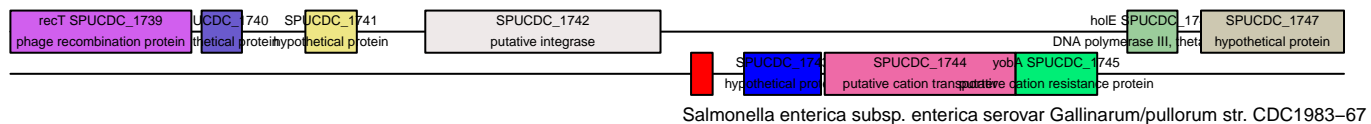
Escherichia coli W



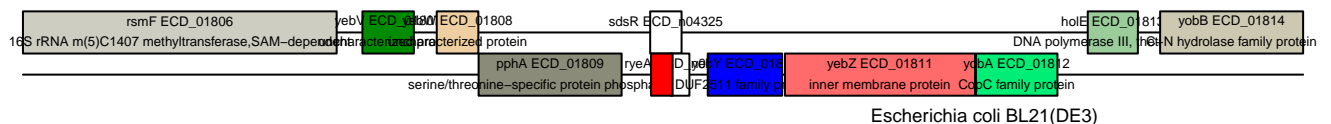
Salmonella enterica subsp. enterica serovar Paratyphi C strain RKS4594



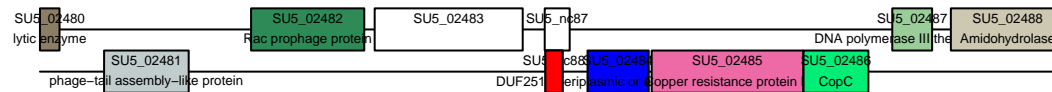
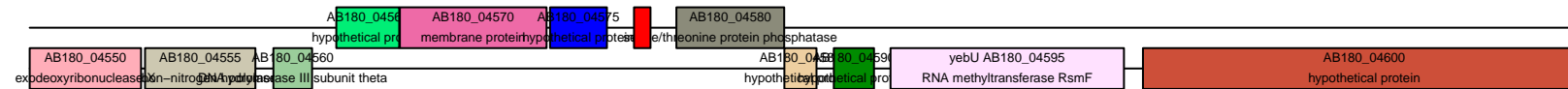
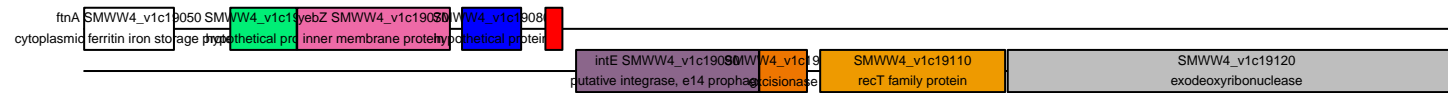
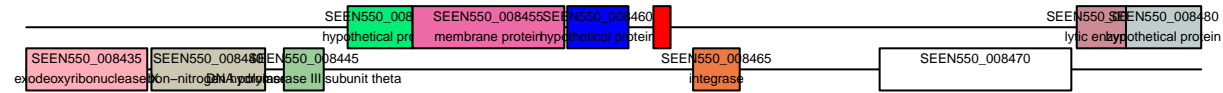
Salmonella enterica subsp. enterica serovar Paratyphi C strain RKS4594

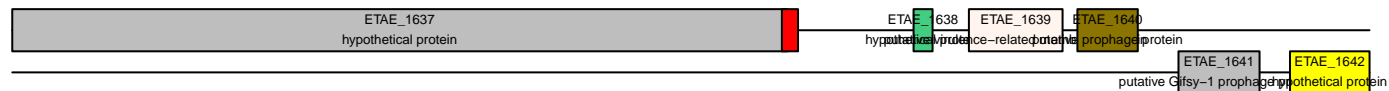


Salmonella enterica subsp. enterica serovar Gallinarum/pullorum str. CDC1983-67

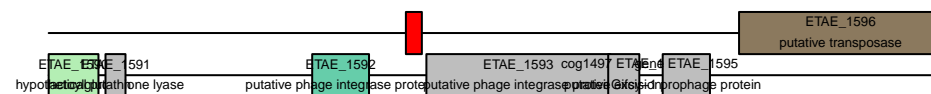


Escherichia coli BL21(DE3)

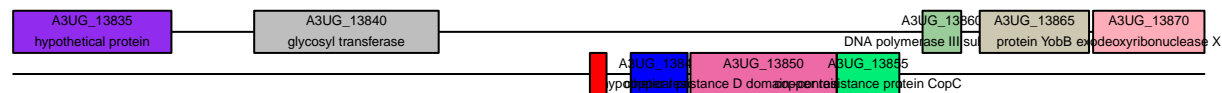




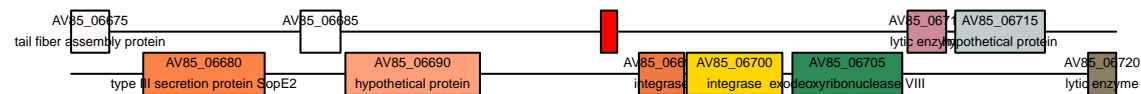
*Edwardsiella tarda* EIB202



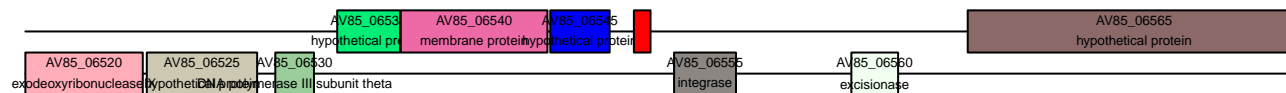
*Edwardsiella tarda* EIB202



*Enterobacter cloacae* subsp. *dissolvens* SDM



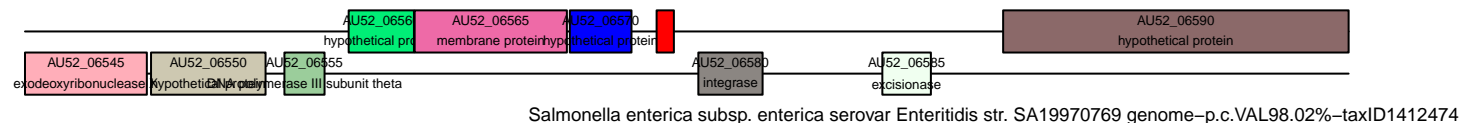
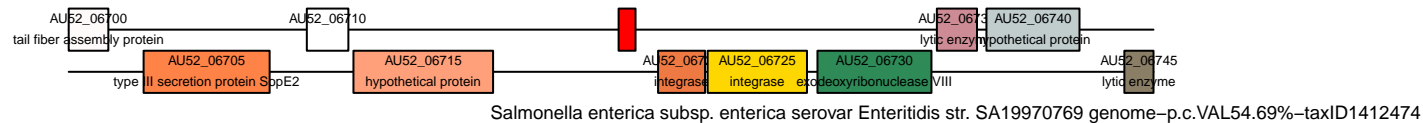
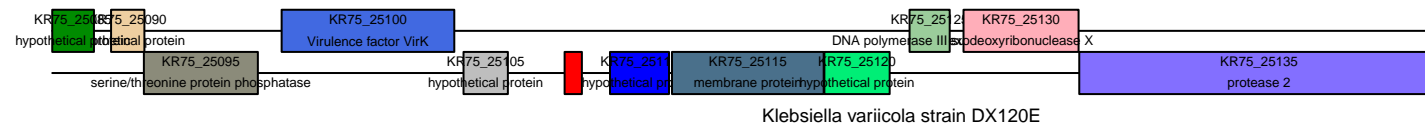
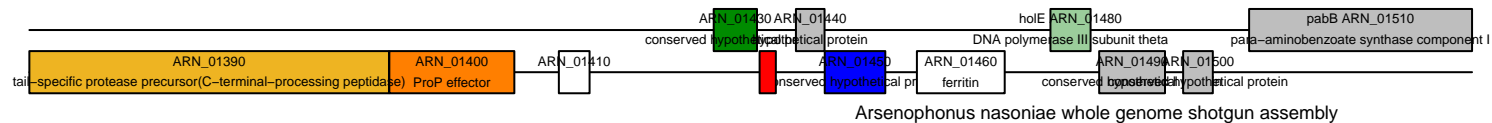
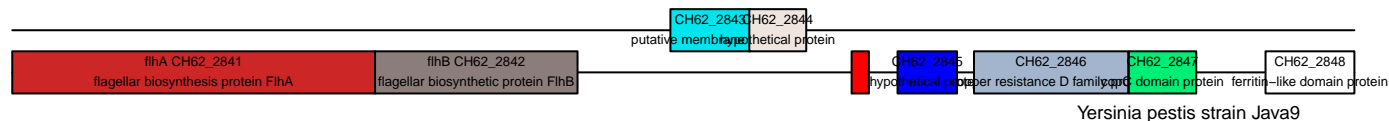
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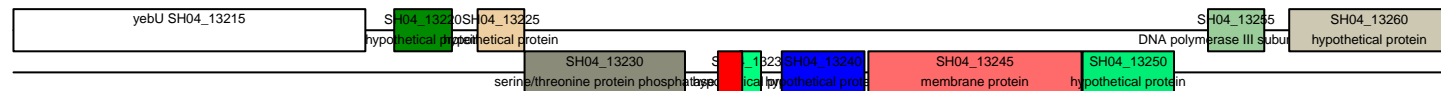


*Salmonella enterica* subsp. *enterica* serovar *Enteritidis* str. EC20120686 genome-p.c.VAL98.02%-taxID1412607





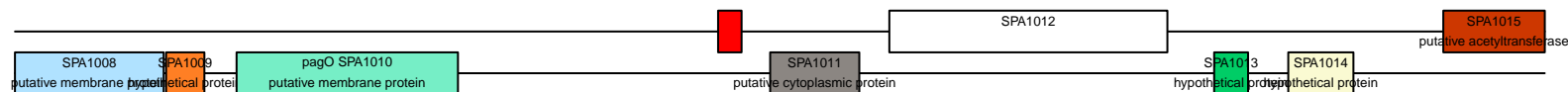




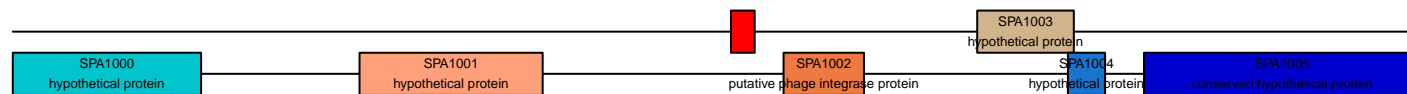
*Escherichia coli* K-12 strain ER3446



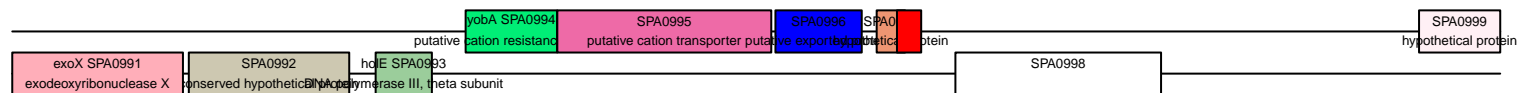
*Alteromonas macleodii* ATCC 27126



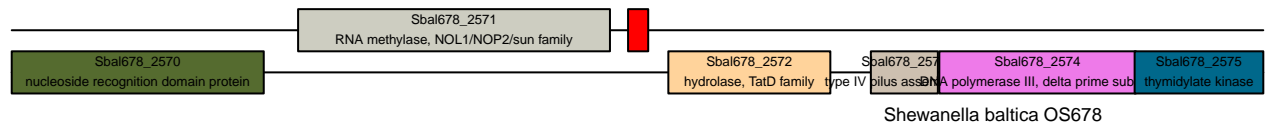
*Salmonella enterica* subsp. *enterica* serovar Paratyphi A str. ATCC 9150



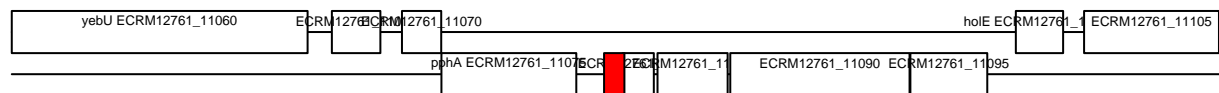
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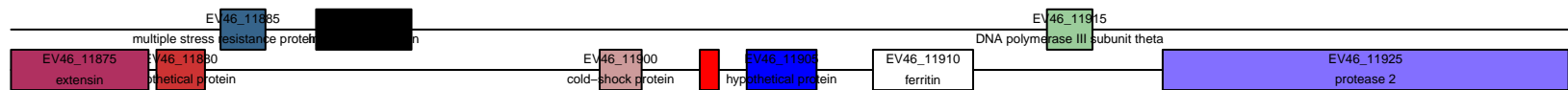
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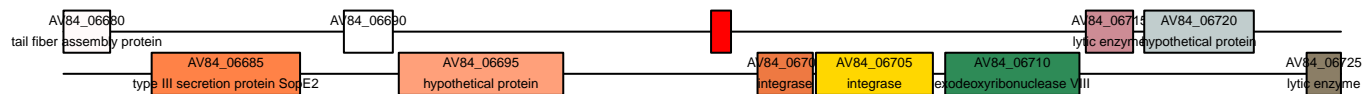
*Shewanella baltica* OS678



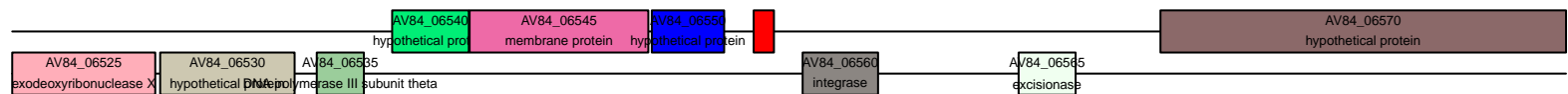
*Escherichia coli* O145H28 str. RM12761



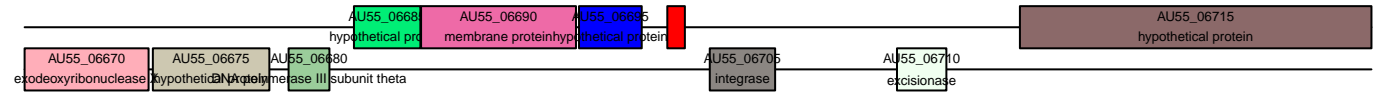
*Pectobacterium atrosepticum* strain JG10-08



*Salmonella enterica* subsp. *enterica* serovar *Enteritidis* str. EC20120597 genome-p.c.VAL54.69%-taxID1412606



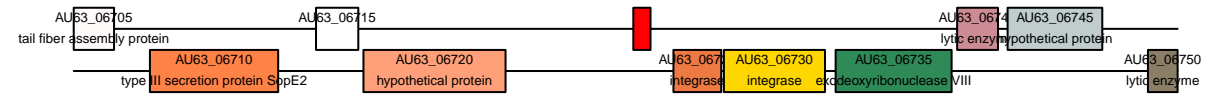
*Salmonella enterica* subsp. *enterica* serovar *Enteritidis* str. EC20120597 genome-p.c.VAL98.02%-taxID1412606



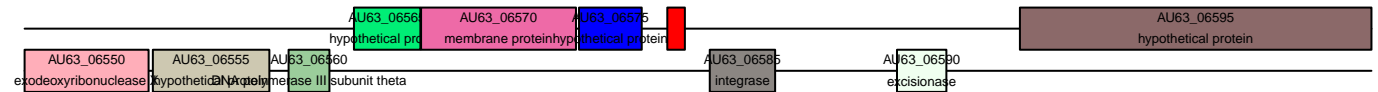
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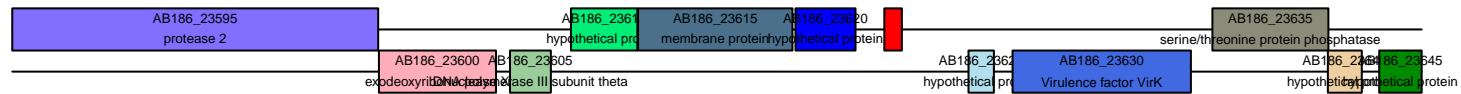
Escherichia coli ER2796



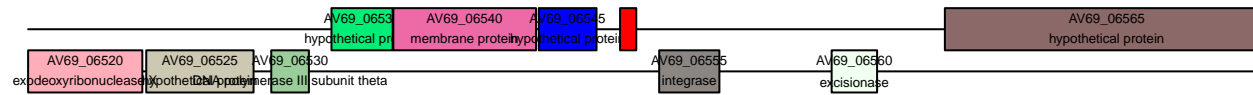
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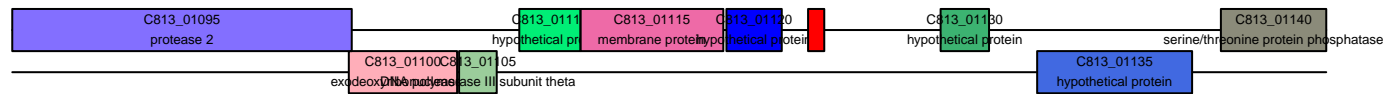
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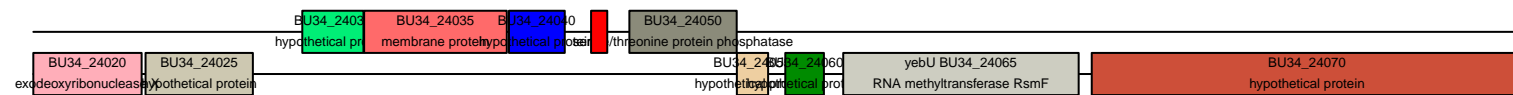
Klebsiella pneumoniae strain CAV1344



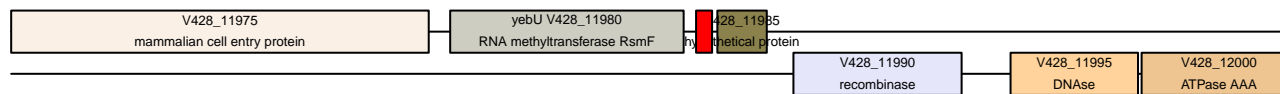
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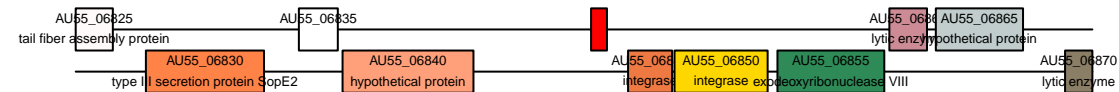
Enterobacter sacchari SP1



Escherichia coli strain ST540

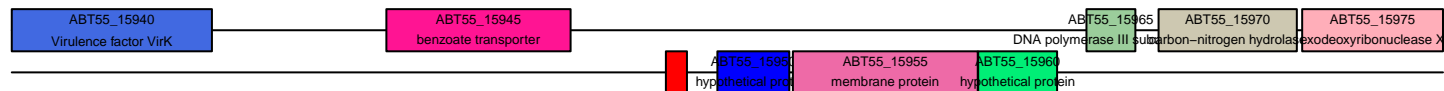


Aeromonas hydrophila AL09-71

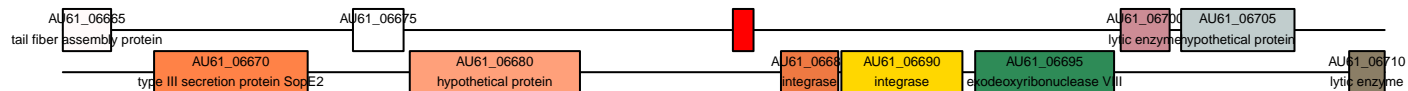


Salmonella enterica subsp. enterica serovar Enteritidis str. SA20084384 genome-p.c.VAL54.69%-taxID1412477

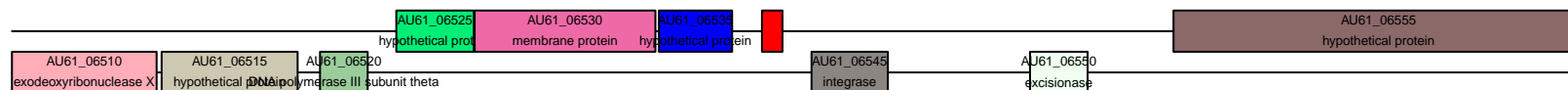




Enterobacter cloacae strain UW5



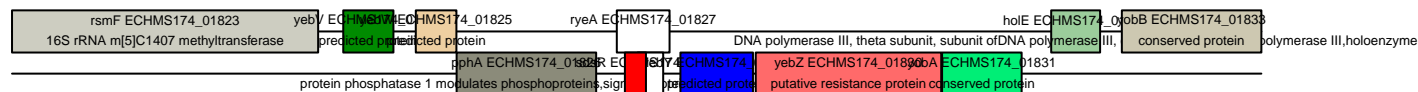
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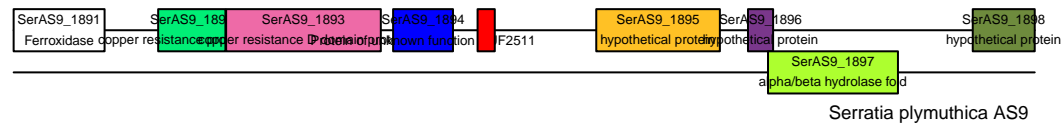
Salmonella enterica subsp. enterica serovar Enteritidis str. SA20121703 genome-p.c.VAL98.02%-taxID1412483



Escherichia coli BW2952



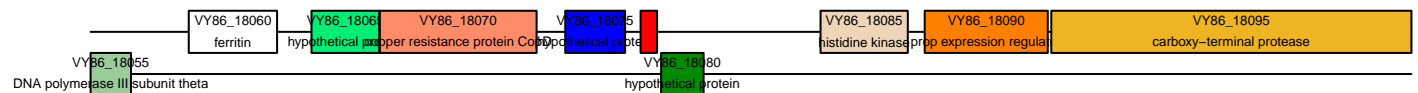
Escherichia coli EchMS174Chr



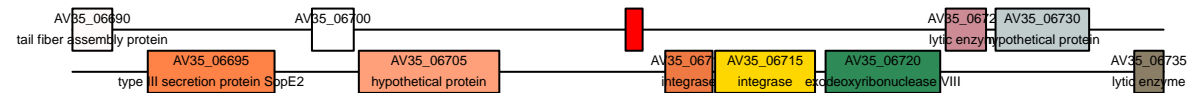
*Serratia plymuthica* AS9



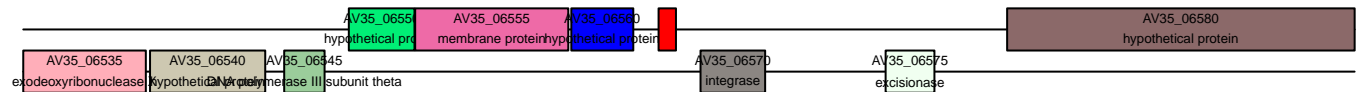
*Escherichia coli* strain ST540



*Photorhabdus temperata* subsp. *thracensis* strain DSM 15199

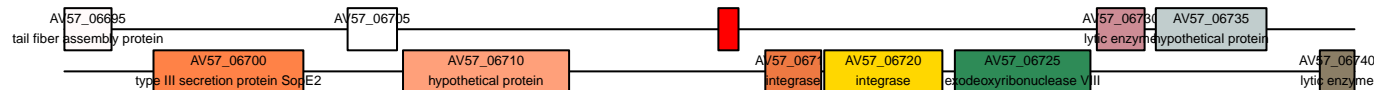


*Salmonella enterica* subsp. *enterica* serovar *Enteritidis* str. EC20121542 genome-p.c.VAL54.69%-taxID1412557

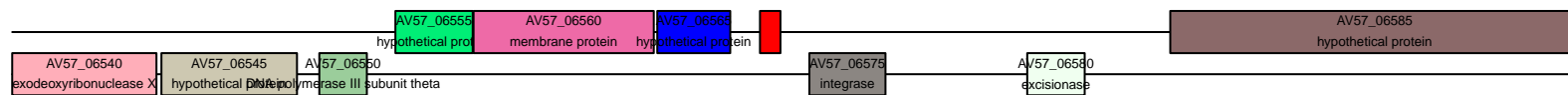


*Salmonella enterica* subsp. *enterica* serovar *Enteritidis* str. EC20121542 genome-p.c.VAL98.02%-taxID1412557

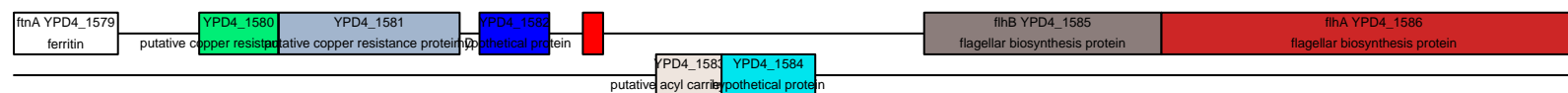




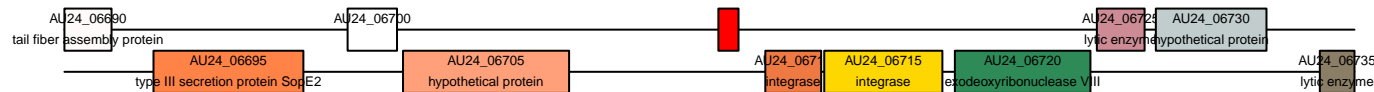
Salmonella enterica subsp. enterica serovar Enteritidis str. EC20121989 genome-p.c.VAL54.69%-taxID1412579



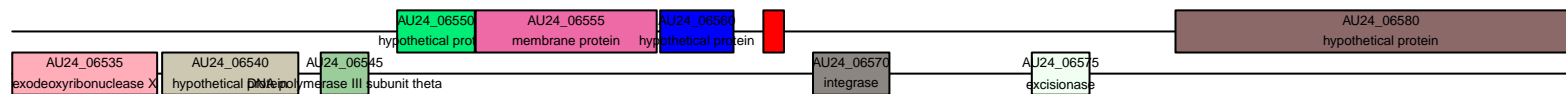
Salmonella enterica subsp. enterica serovar Enteritidis str. EC20121989 genome-p.c.VAL98.02%-taxID1412579



Yersinia pestis D106004

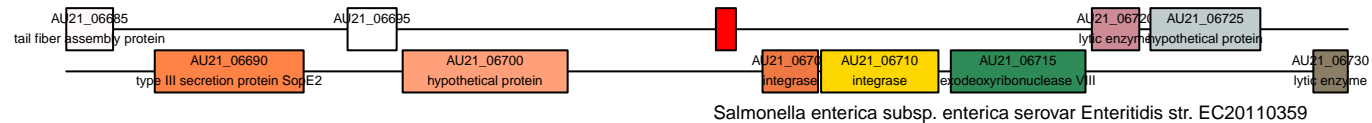


Salmonella enterica subsp. enterica serovar Enteritidis str. EC20110361

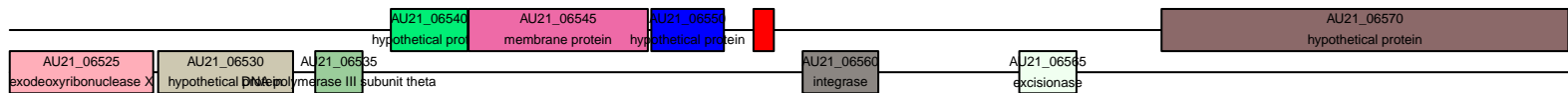


Salmonella enterica subsp. enterica serovar Enteritidis str. EC20110361

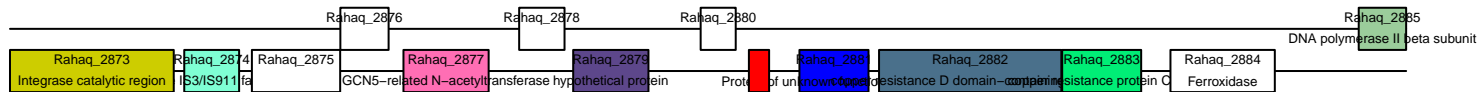




Salmonella enterica subsp. enterica serovar Enteritidis str. EC20110359



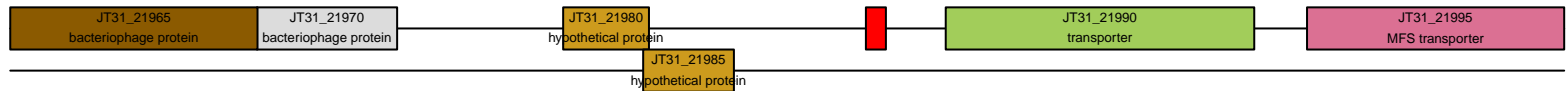
Salmonella enterica subsp. enterica serovar Enteritidis str. EC20110359



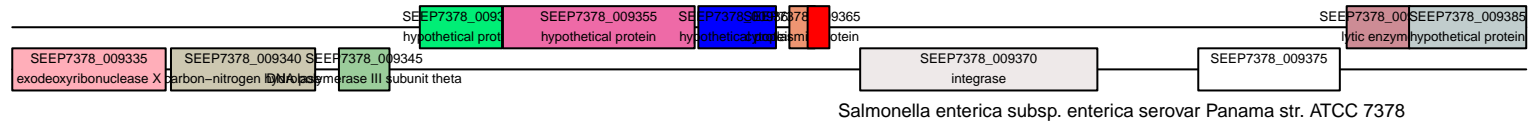
Rahnella sp. Y9602



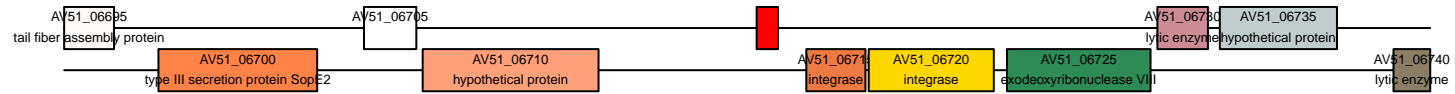
Cedecea neteri strain ND14a



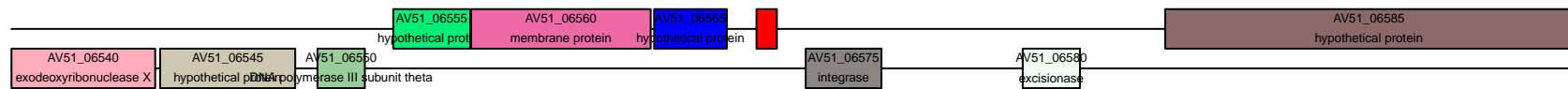
Cedecea neteri strain SSMD04



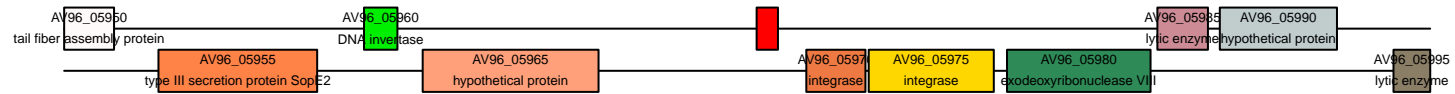
Salmonella enterica subsp. enterica serovar Panama str. ATCC 7378



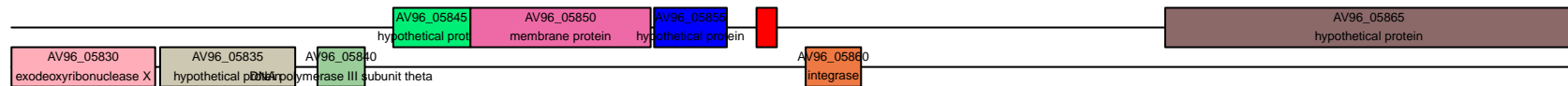
Salmonella enterica subsp. enterica serovar Enteritidis str. EC20122045 genome-p.c.VAL54.69%-taxID1412573



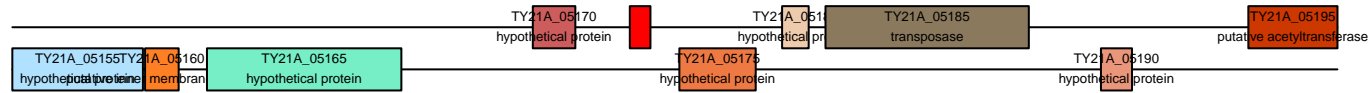
Salmonella enterica subsp. enterica serovar Enteritidis str. EC20122045 genome-p.c.VAL98.02%-taxID1412573



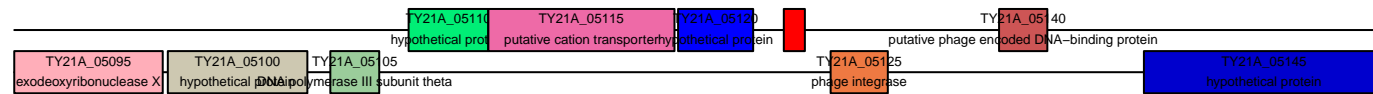
Salmonella enterica subsp. enterica serovar Enteritidis str. EC20120929



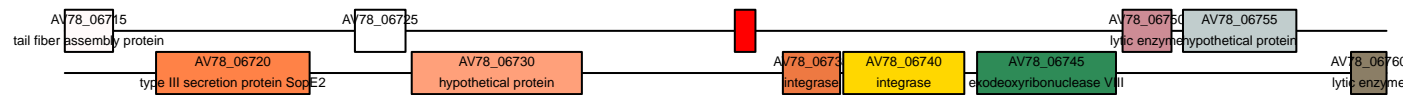
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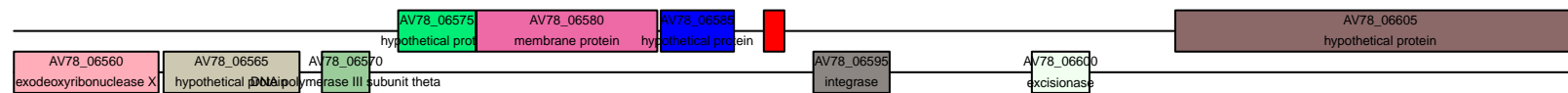
*Salmonella enterica* subsp. *enterica* serovar Typhi str. Ty21a



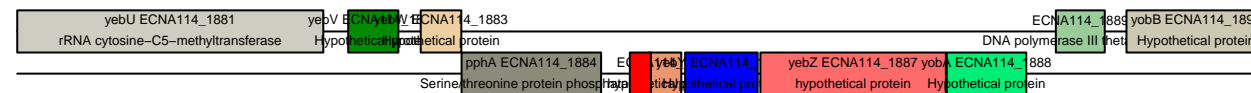
*Salmonella enterica* subsp. *enterica* serovar Typhi str. Ty21a



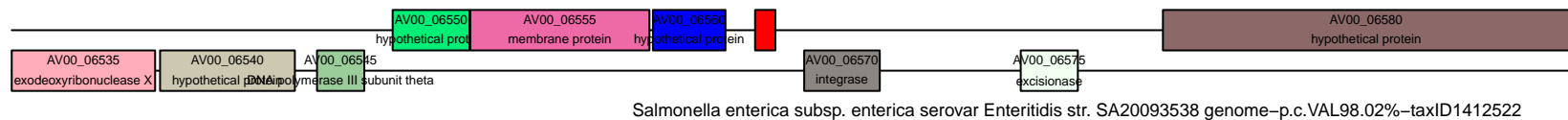
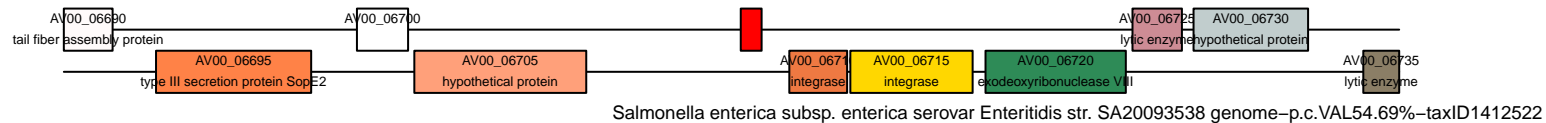
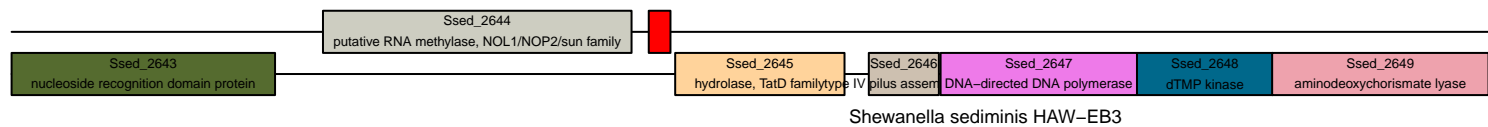
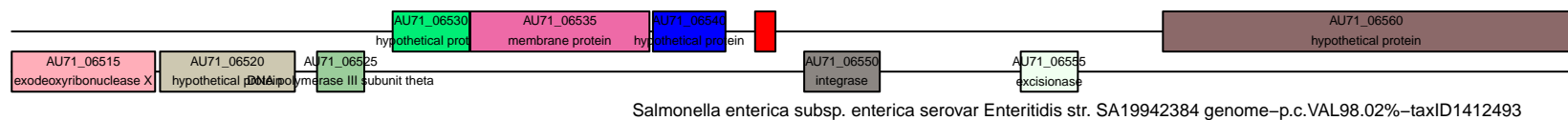
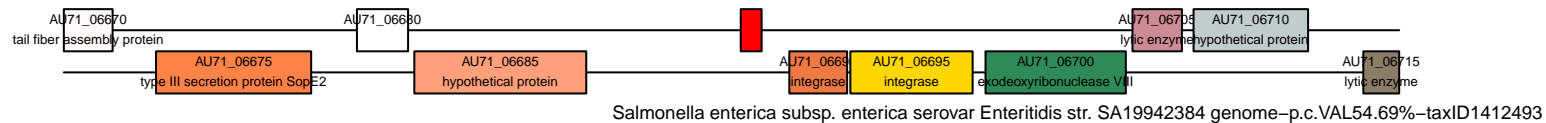
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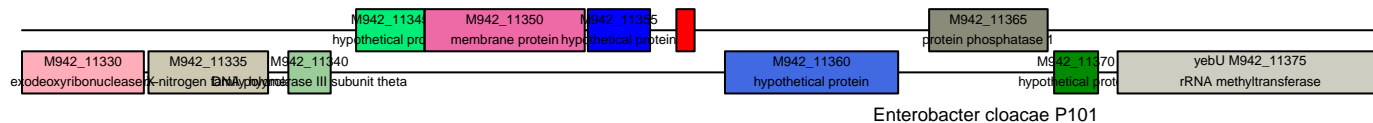


*Salmonella enterica* subsp. *enterica* serovar Enteritidis str. EC20100325 genome-p.c.VAL98.02%-taxID1412600

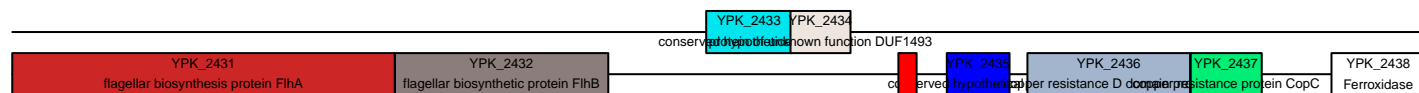


*Escherichia coli* NA114

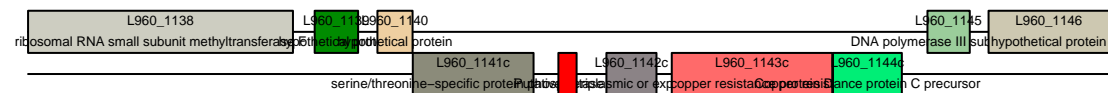




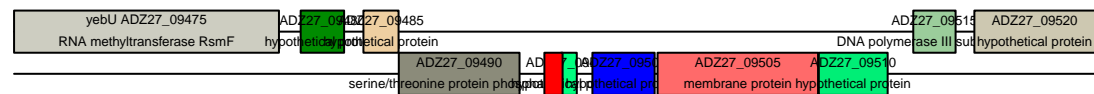
*Enterobacter cloacae* P101



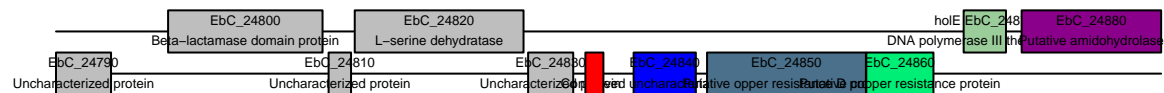
*Yersinia pseudotuberculosis* YPIII



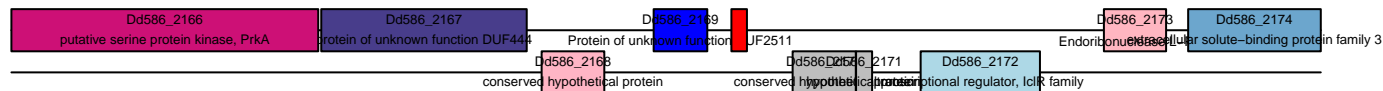
*Escherichia coli* B7A



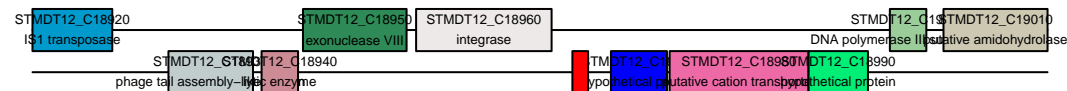
*Escherichia coli* strain DH1Ec104



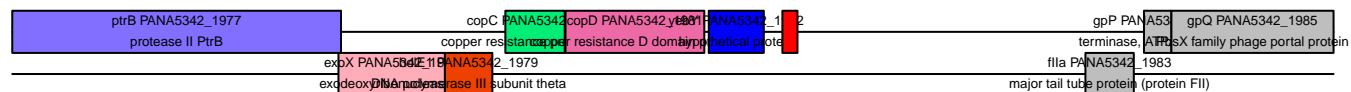
*Erwinia billingiae* strain Eb661 complete -p.c.VAL84.26%-taxID634500|RFAM\_PROOFED\_NEW



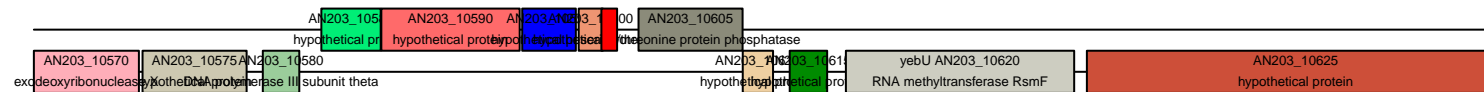
*Dickeya dadantii* Ech586



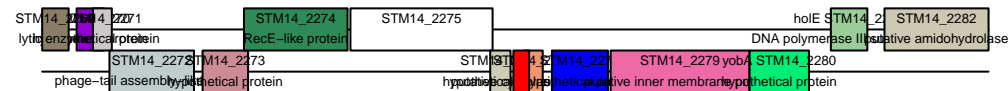
*Salmonella enterica* subsp. *enterica* serovar Typhimurium str. T000240 DNA



*Pantoea ananatis* LMG 5342 main -p.c.VAL83.18%-taxID1123863

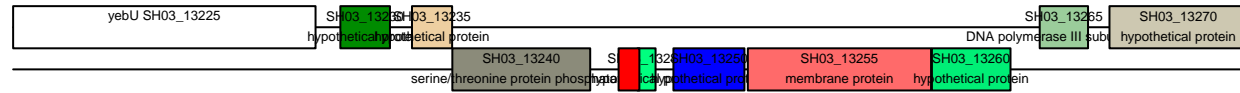


*Escherichia coli* strain SF-088

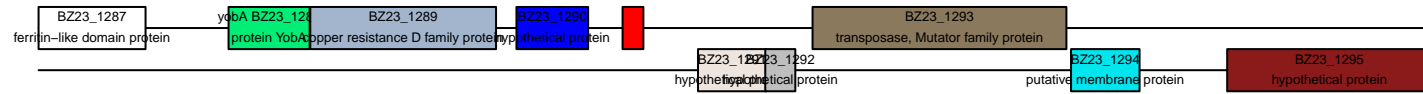


*Salmonella enterica* subsp. *enterica* serovar Typhimurium str. 14028S

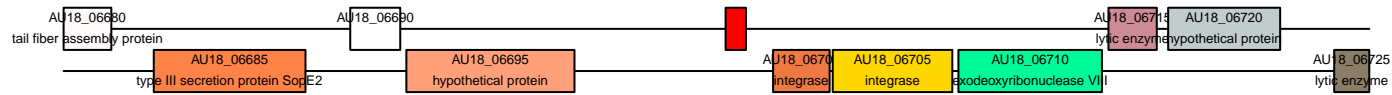




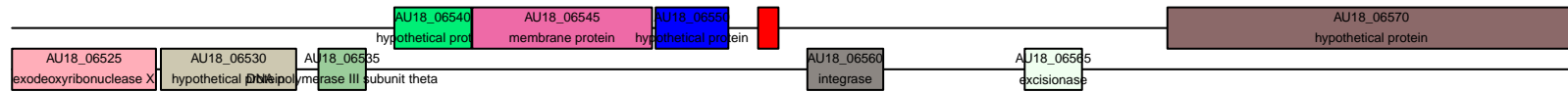
*Escherichia coli* K-12 strain ER3445



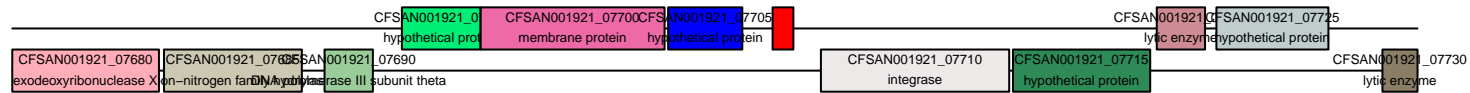
*Yersinia pseudotuberculosis* strain 1



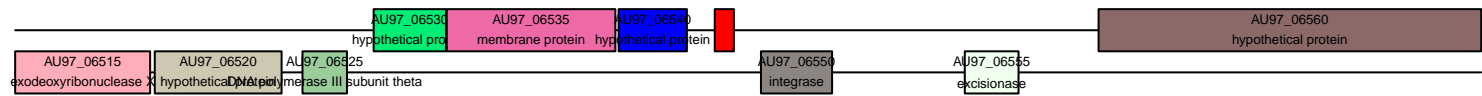
*Salmonella enterica* subsp. *enterica* serovar Enteritidis str. EC20110356



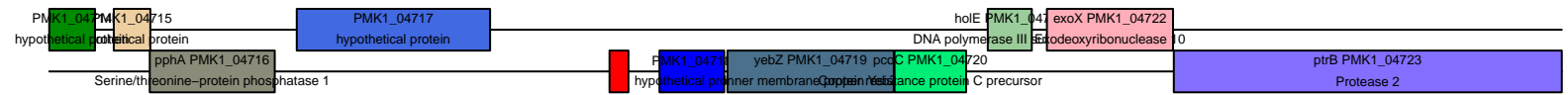
*Salmonella enterica* subsp. *enterica* serovar Enteritidis str. EC20110356



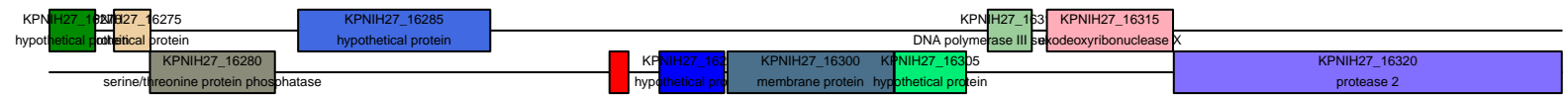
*Salmonella enterica* subsp. *enterica* serovar Typhimurium var. 5- str. CFSAN001921



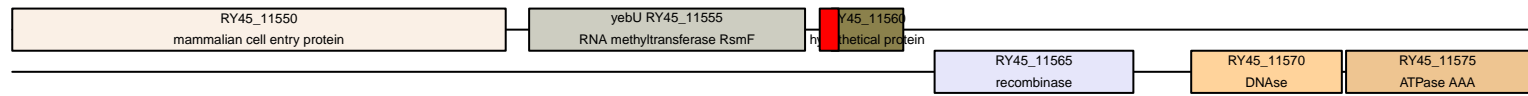
Salmonella enterica subsp. enterica serovar Enteritidis str. SA20093950 genome-p.c.VAL98.02%-taxID1412519



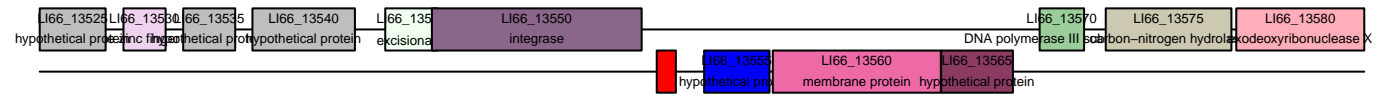
Klebsiella pneumoniae strain PMK1



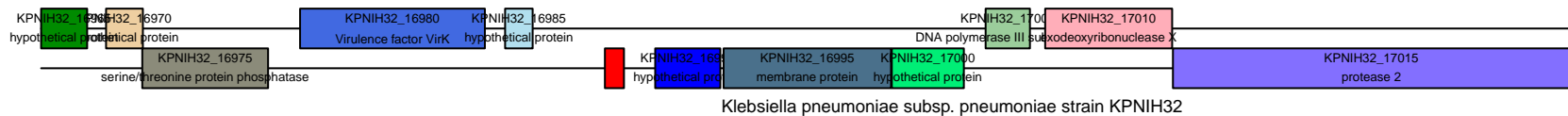
Klebsiella pneumoniae subsp. pneumoniae KPNIH27



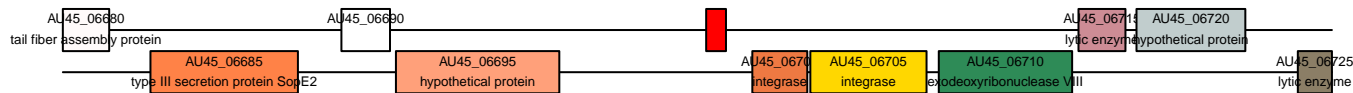
Aeromonas hydrophila strain AL06-06



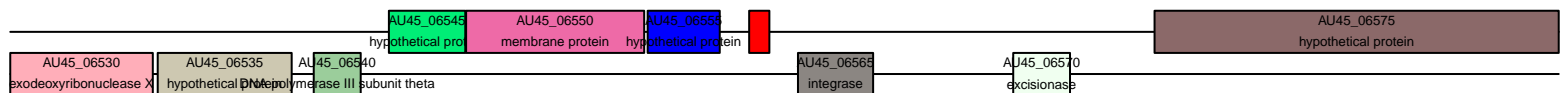
Enterobacter cloacae strain 34399



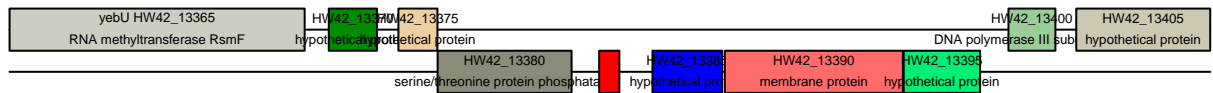
*Klebsiella pneumoniae* subsp. *pneumoniae* strain KPNIH32



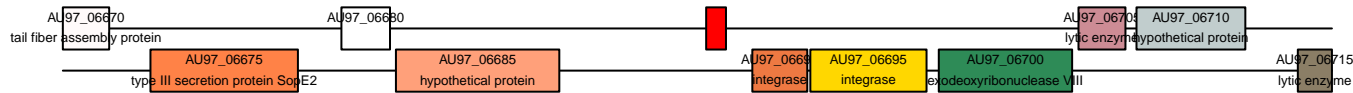
*Salmonella enterica* subsp. *enterica* serovar Enteritidis str. EC20120003 genome–p.c.VAL54.69%–taxID1412467



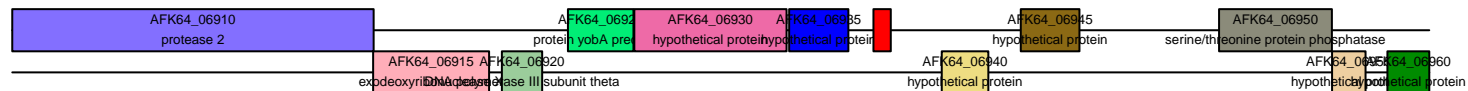
*Salmonella enterica* subsp. *enterica* serovar Enteritidis str. EC20120003 genome–p.c.VAL98.02%–taxID1412467



*Escherichia coli* strain RM9387



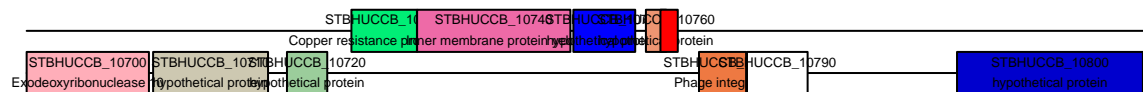
*Salmonella enterica* subsp. *enterica* serovar Enteritidis str. SA20093950 genome–p.c.VAL54.69%–taxID1412519



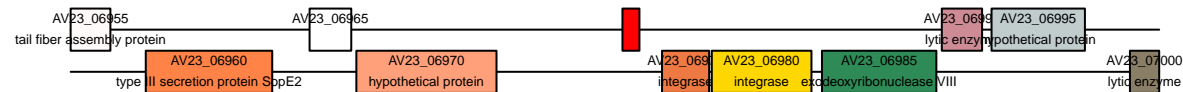
*Cronobacter sakazakii* strain NCTC 8155



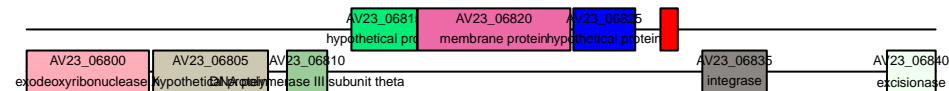
*Salmonella enterica* subsp. *enterica* serovar Typhi str. P-stx-12



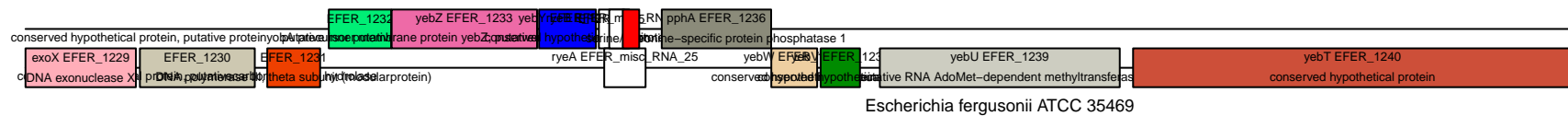
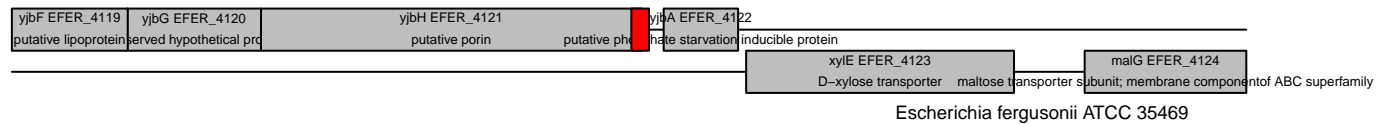
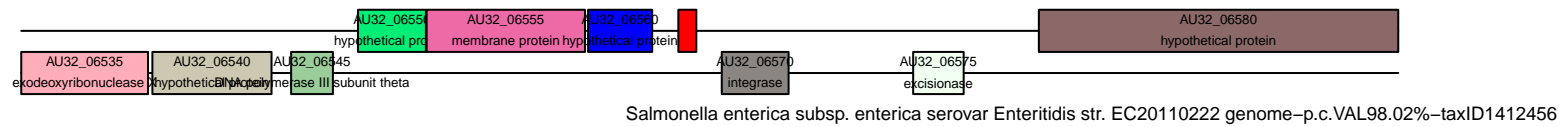
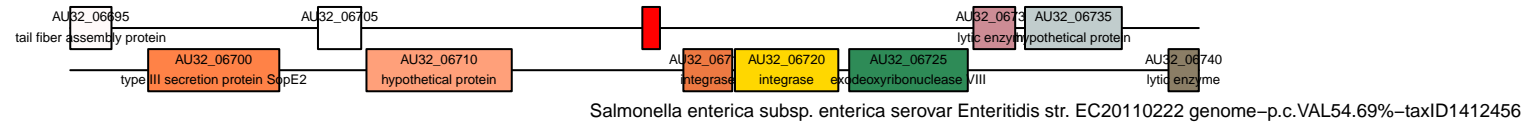
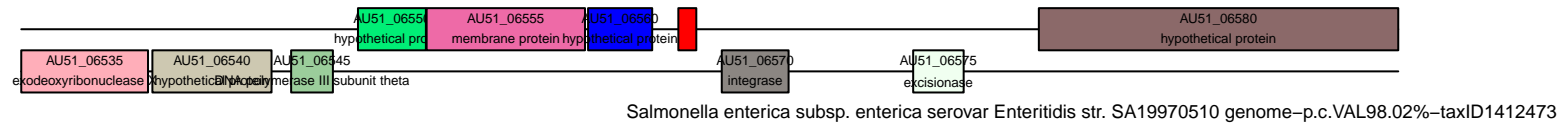
*Salmonella enterica* subsp. *enterica* serovar Typhi str. P-stx-12

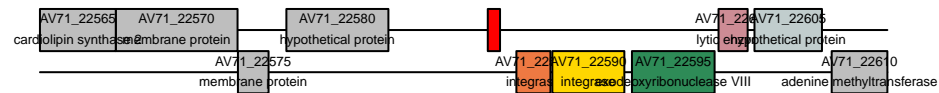
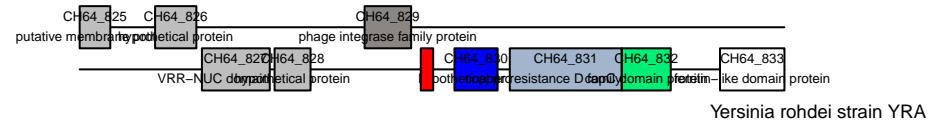


*Salmonella enterica* subsp. *enterica* serovar Enteritidis str. EC20120498 genome-p.c.VAL54.69%-taxID1412545

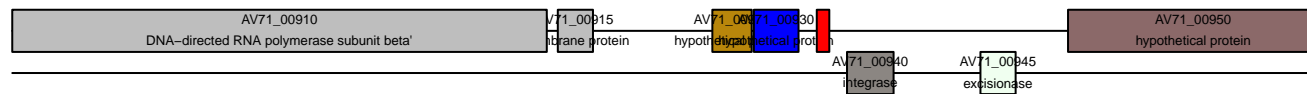


*Salmonella enterica* subsp. *enterica* serovar Enteritidis str. EC20120498 genome-p.c.VAL98.02%-taxID1412545

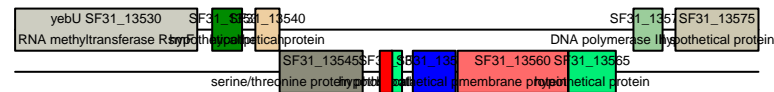




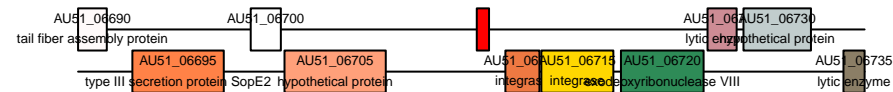
Salmonella enterica subsp. enterica serovar Enteritidis str. EC20121176



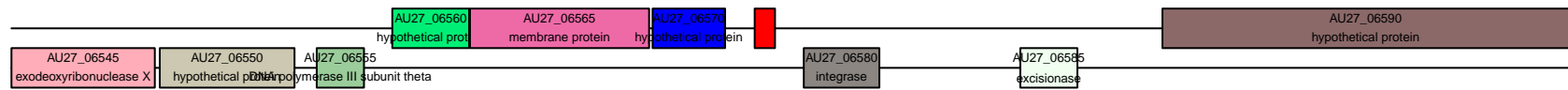
Salmonella enterica subsp. enterica serovar Enteritidis str. EC20121176



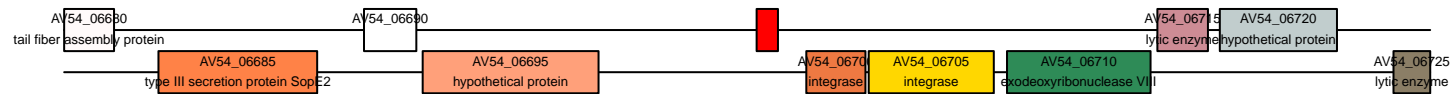
Escherichia coli K-12 strain ER3435



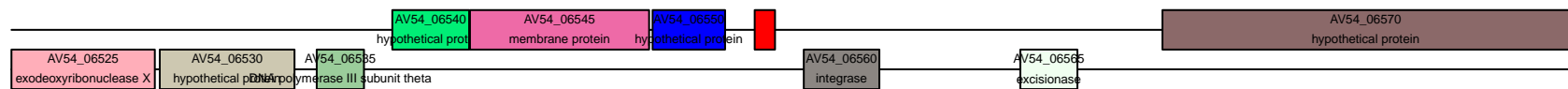
Salmonella enterica subsp. enterica serovar Enteritidis str. SA19970510 genome-p.c.VAL54.69%-taxID1412473



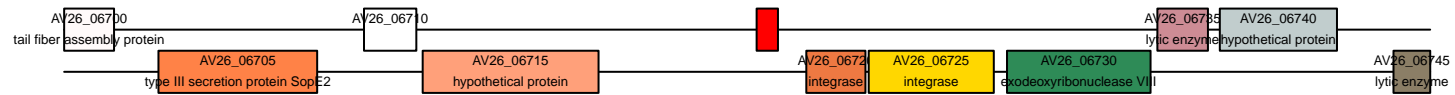
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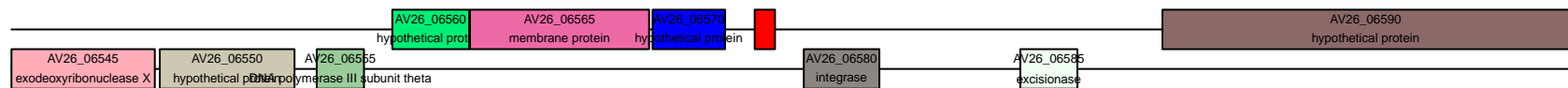
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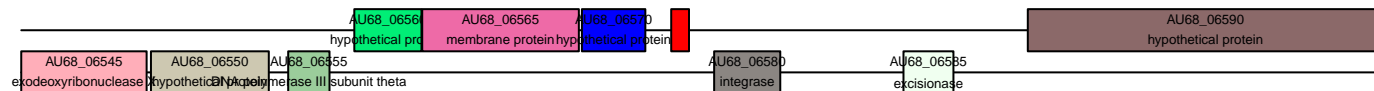
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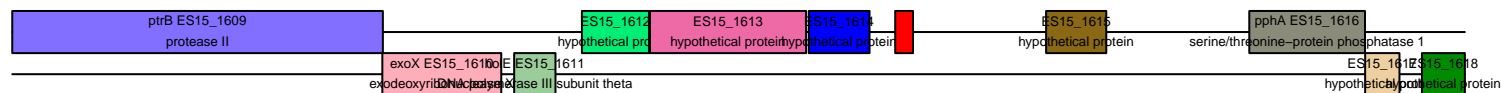
*Salmonella enterica* subsp. *enterica* serovar *Enteritidis* str. EC20120219 genome-p.c.VAL54.69%-taxID1412548



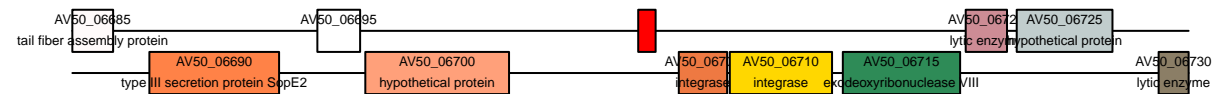
*Salmonella enterica* subsp. *enterica* serovar *Enteritidis* str. EC20120219 genome-p.c.VAL98.02%-taxID1412548



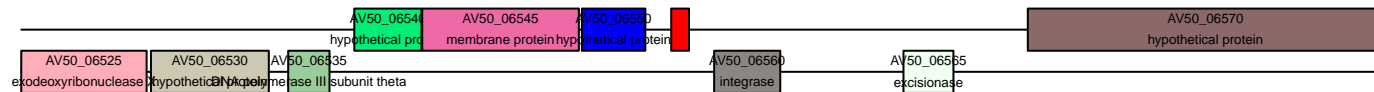
Salmonella enterica subsp. enterica serovar Enteritidis str. SA20083636 genome–p.c.VAL98.02%–taxID1412490



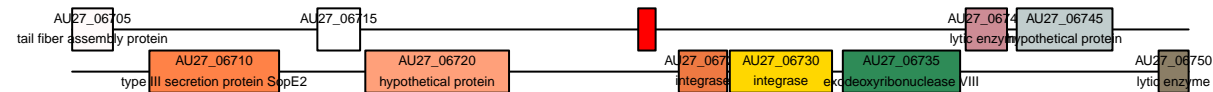
Cronobacter sakazakii ES15



Salmonella enterica subsp. enterica serovar Enteritidis str. EC20111561 genome–p.c.VAL54.69%–taxID1412572

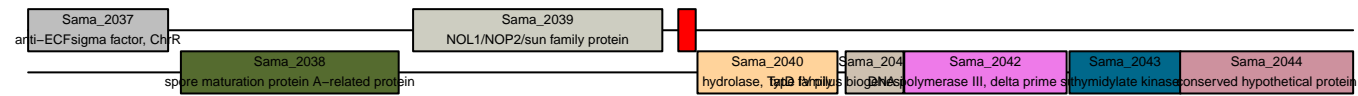


Salmonella enterica subsp. enterica serovar Enteritidis str. EC20111561 genome–p.c.VAL98.02%–taxID1412572

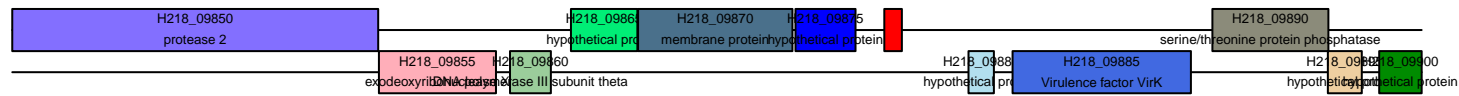


Salmonella enterica subsp. enterica serovar Enteritidis str. EC20110353

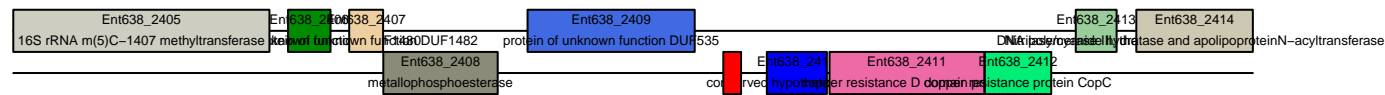




Shewanella amazonensis SB2B



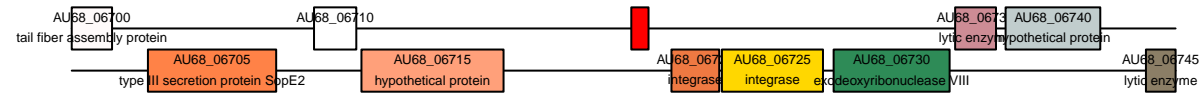
Klebsiella pneumoniae DMC1097



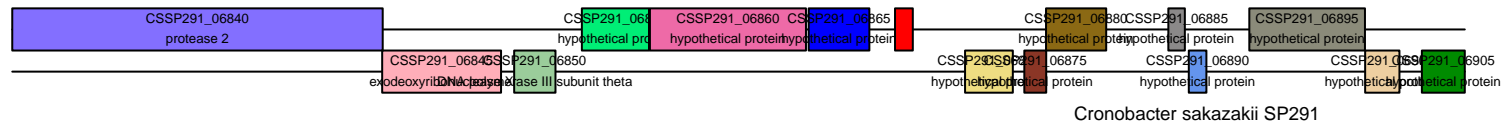
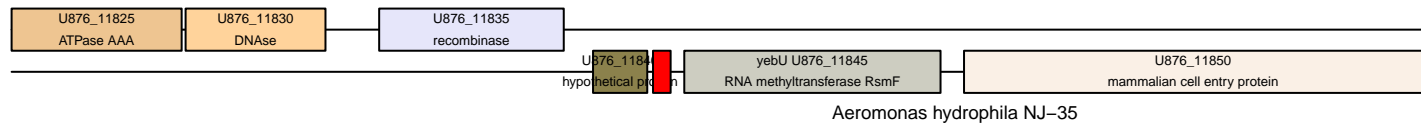
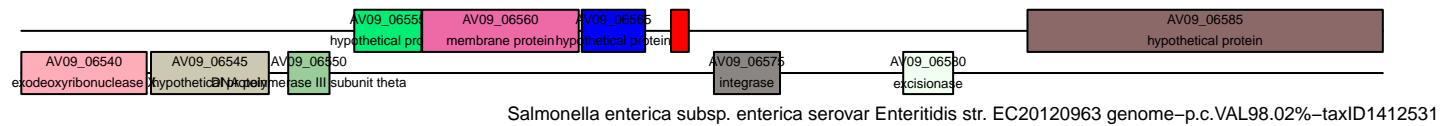
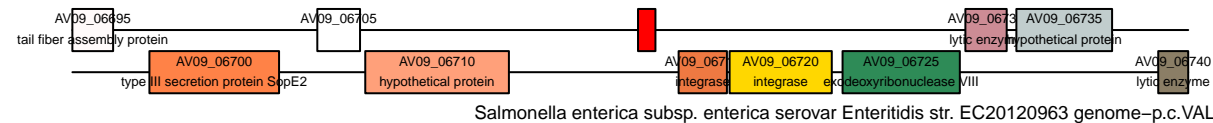
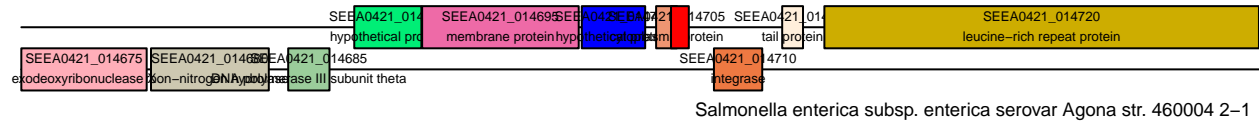
Enterobacter sp. 638

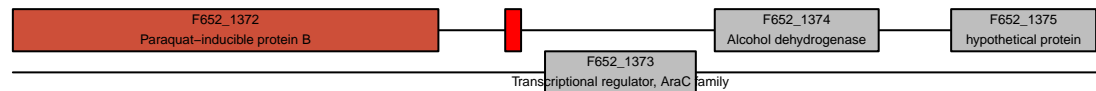


Escherichia coli str. K12 substr. DH10B

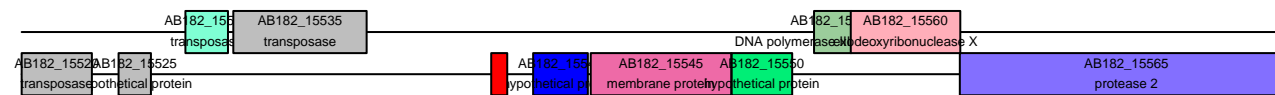


Salmonella enterica subsp. enterica serovar Enteritidis str. SA20083636 genome-p.c.VAL54.69%-taxID1412490

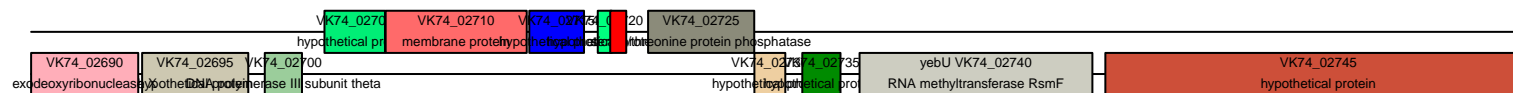




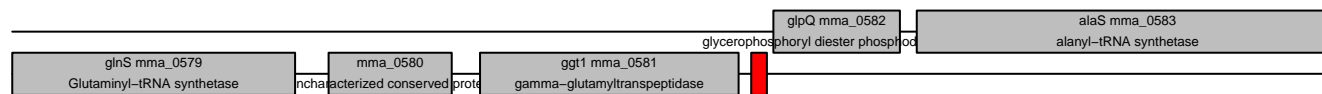
Enterobacteriaceae bacterium bta3-1



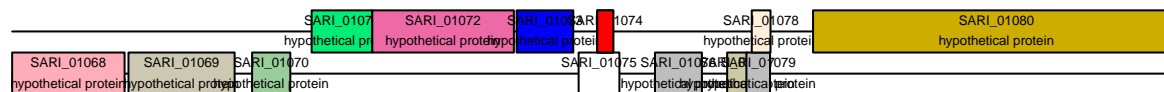
Kluyvera intermedia strain CAV1151



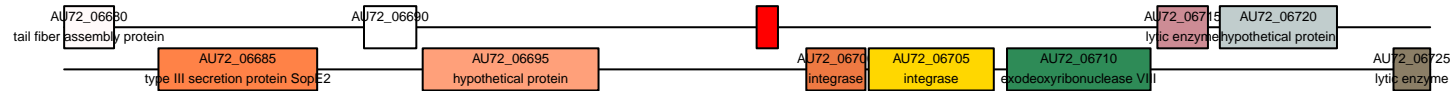
Escherichia coli strain C15



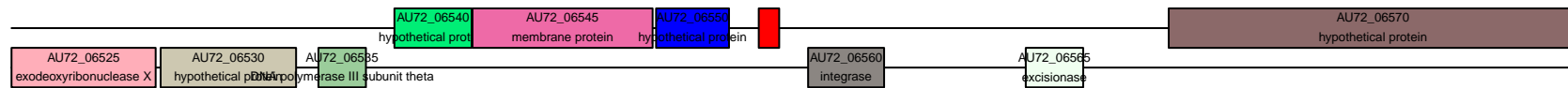
Janthinobacterium sp. Marseille



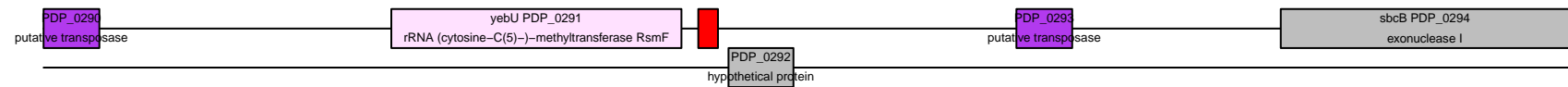
Salmonella enterica subsp. arizonae serovar 62z4



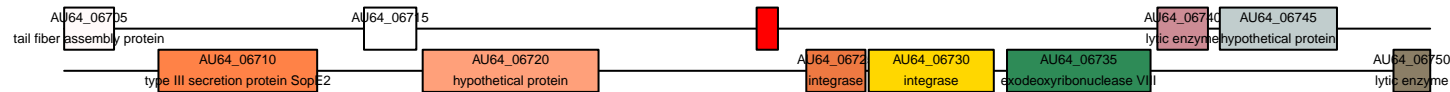
Salmonella enterica subsp. enterica serovar Enteritidis str. SA19943269 genome-p.c.VAL54.69%-taxID1412494



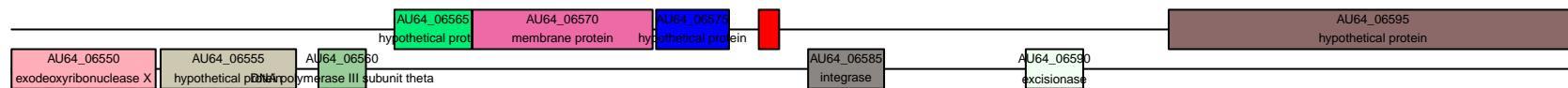
Salmonella enterica subsp. enterica serovar Enteritidis str. SA19943269 genome-p.c.VAL98.02%-taxID1412494



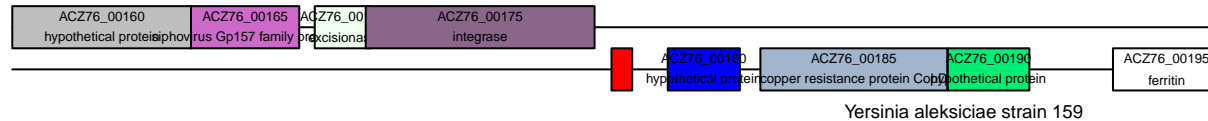
Photobacterium damsela subsp. piscicida contig\_001\_A09



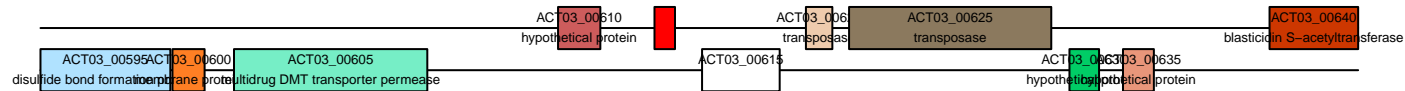
Salmonella enterica subsp. enterica serovar Enteritidis str. SA19981857 genome-p.c.VAL54.69%-taxID1412486



Salmonella enterica subsp. enterica serovar Enteritidis str. SA19981857 genome-p.c.VAL98.02%-taxID1412486



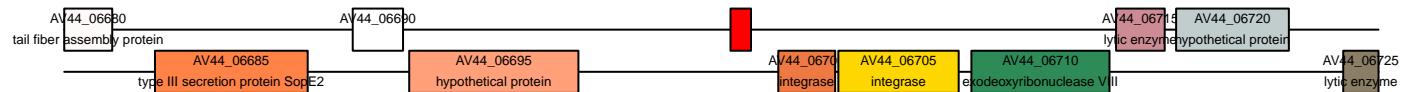
*Yersinia aleksiciae* strain 159



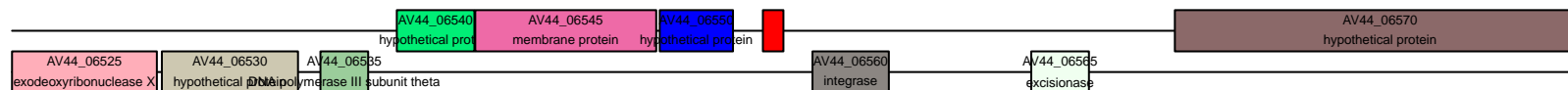
*Salmonella enterica* subsp. *enterica* serovar Typhi strain PM016/13



*Salmonella enterica* subsp. *enterica* serovar Typhi strain PM016/13

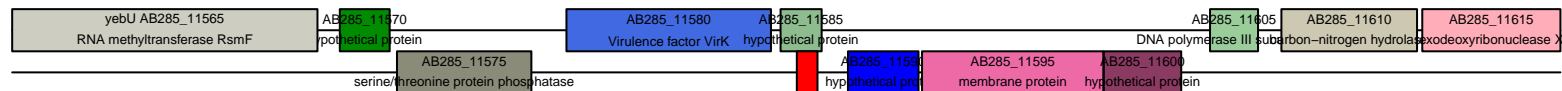


*Salmonella enterica* subsp. *enterica* serovar Enteritidis str. EC20120555 genome-p.c.VAL54.69%-taxID1412566

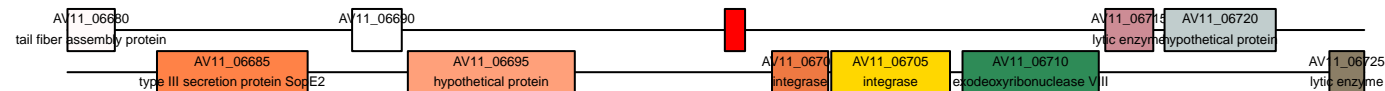


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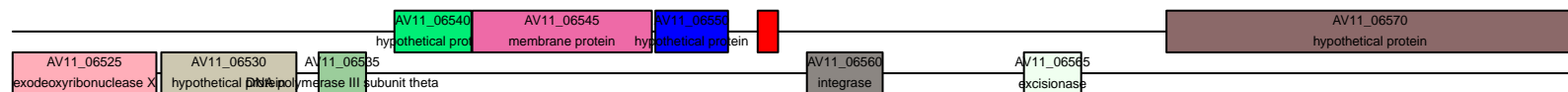




*Enterobacter cloacae* strain CAV1669



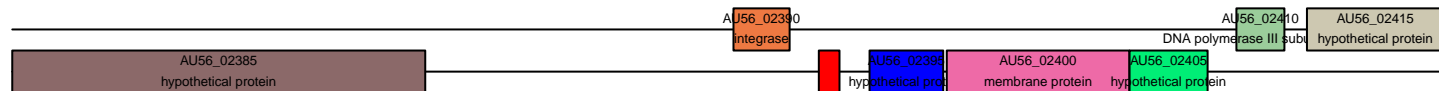
*Salmonella enterica* subsp. *enterica* serovar Enteritidis str. EC20120775 genome-p.c.VAL54.69%-taxID1412533



*Salmonella enterica* subsp. *enterica* serovar Enteritidis str. EC20120775 genome-p.c.VAL98.02%-taxID1412533



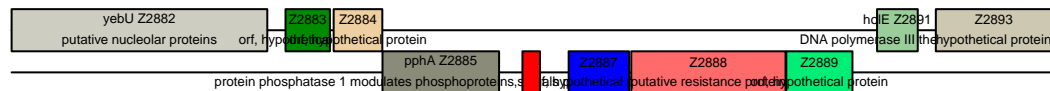
*Salmonella enterica* subsp. *enterica* serovar Enteritidis str. SA20084824



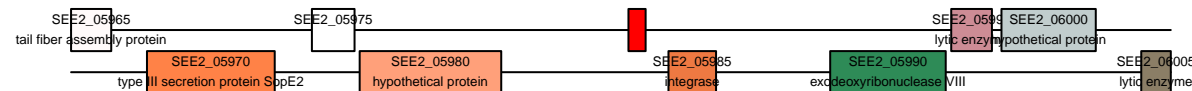
*Salmonella enterica* subsp. *enterica* serovar Enteritidis str. SA20084824



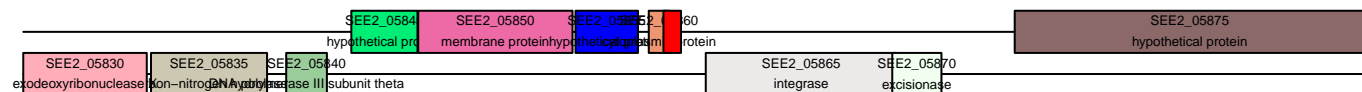




Escherichia coli O157H7 EDL933



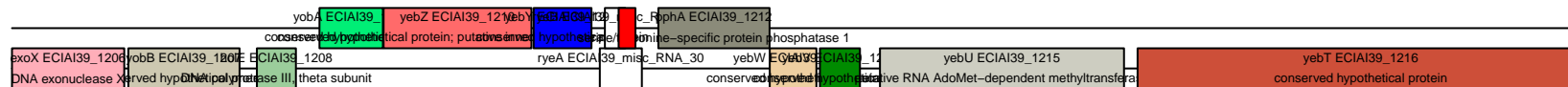
Salmonella enterica subsp. enterica serovar Enteritidis strain SEE2

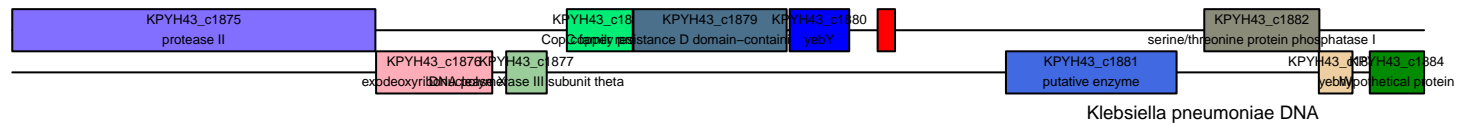


Salmonella enterica subsp. enterica serovar Enteritidis strain SEE2

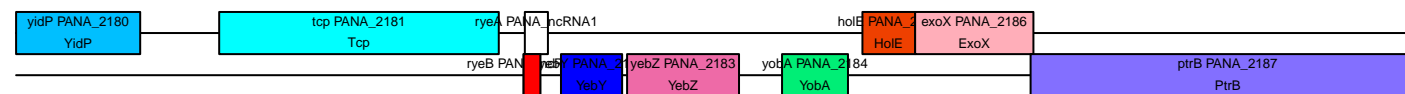


Escherichia coli LF82

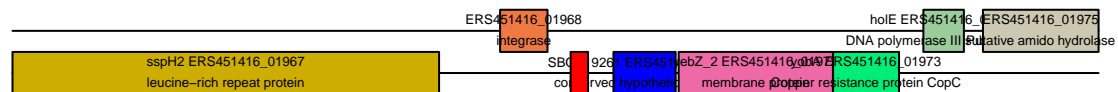




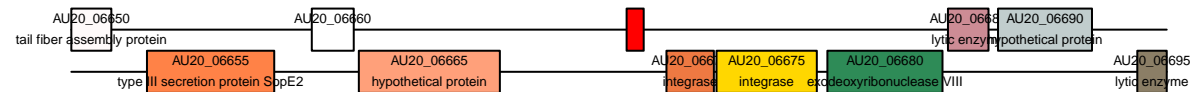
Klebsiella pneumoniae DNA



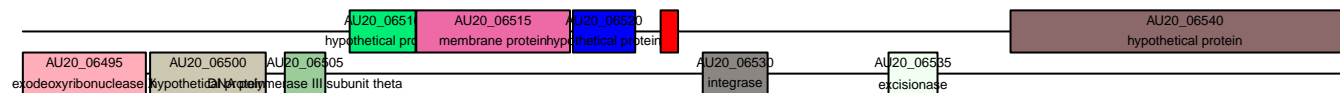
Pantoea ananatis LMG 20103



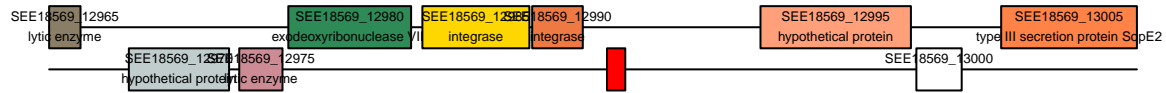
Salmonella enterica subsp. enterica serovar Senftenberg NCTC10384



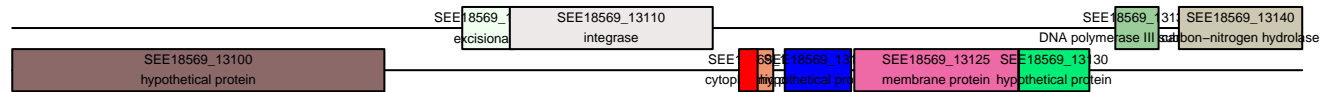
Salmonella enterica subsp. enterica serovar Enteritidis str. EC20110358



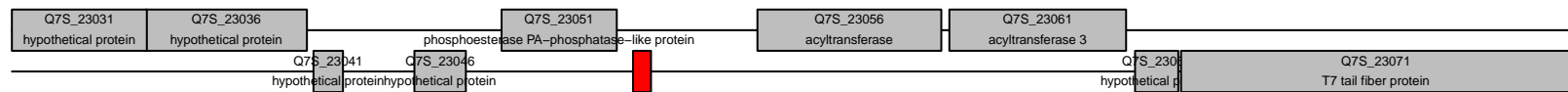
Salmonella enterica subsp. enterica serovar Enteritidis str. EC20110358



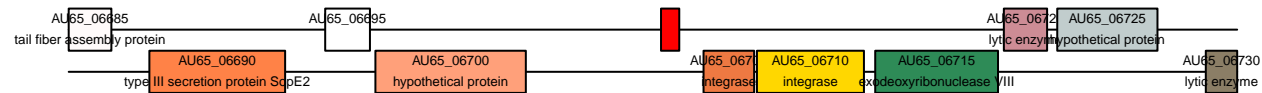
Salmonella enterica subsp. enterica serovar Enteritidis str. 18569



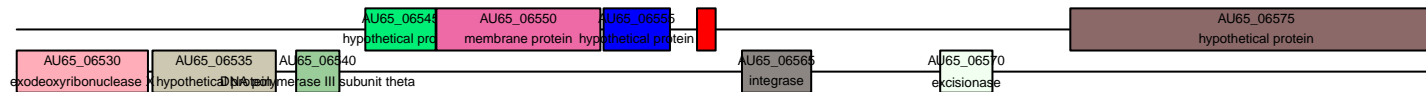
Salmonella enterica subsp. enterica serovar Enteritidis str. 18569



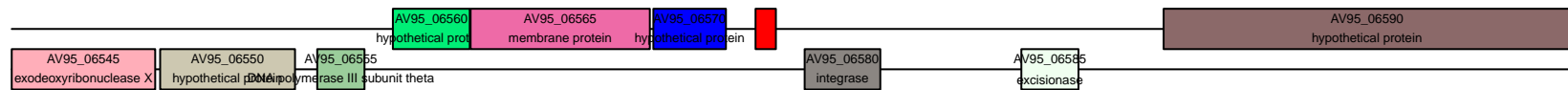
Rahnella aquatilis HX2 plasmid PRA1



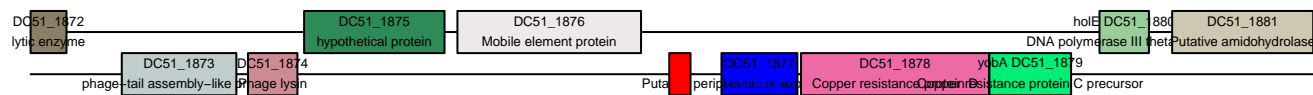
Salmonella enterica subsp. enterica serovar Enteritidis str. SA19960848 genome-p.c.VAL54.69%-taxID1412487



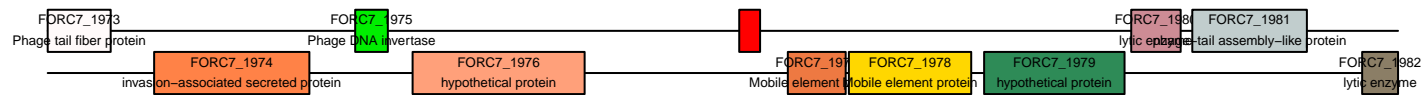
Salmonella enterica subsp. enterica serovar Enteritidis str. SA19960848 genome-p.c.VAL98.02%-taxID1412487



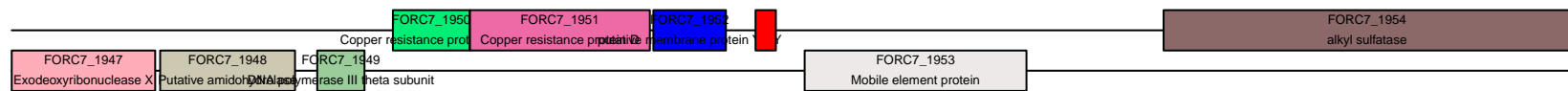
Salmonella enterica subsp. enterica serovar Enteritidis str. EC20120927 genome-p.c.VAL98.02%-taxID1412617



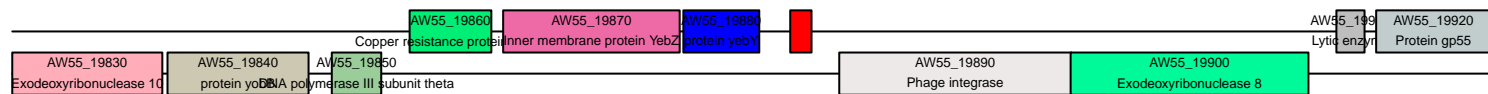
Salmonella enterica subsp. enterica serovar Typhimurium strain VNP20009



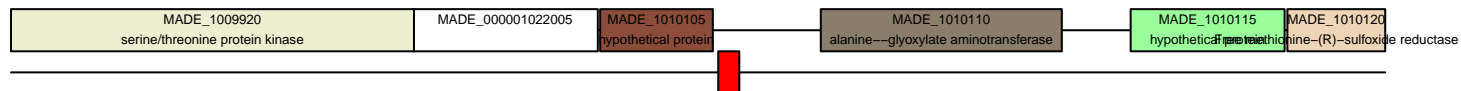
Salmonella enterica subsp. enterica serovar Enteritidis strain FORC\_007



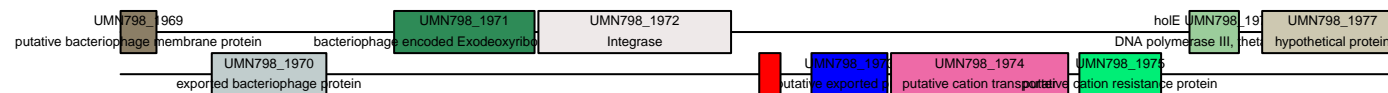
Salmonella enterica subsp. enterica serovar Enteritidis strain FORC\_007



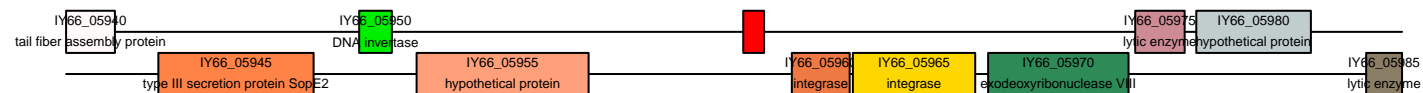
Salmonella enterica subsp. enterica serovar Anatum str. USDA-ARS-USMARC-1175



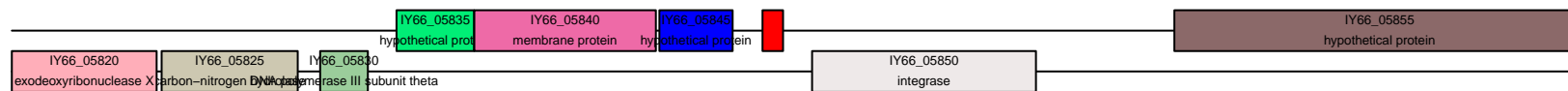
*Alteromonas macleodii* str. 'Deep ecotype'



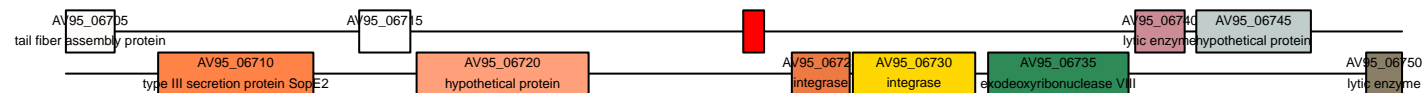
*Salmonella enterica* subsp. enterica serovar Typhimurium str. 798



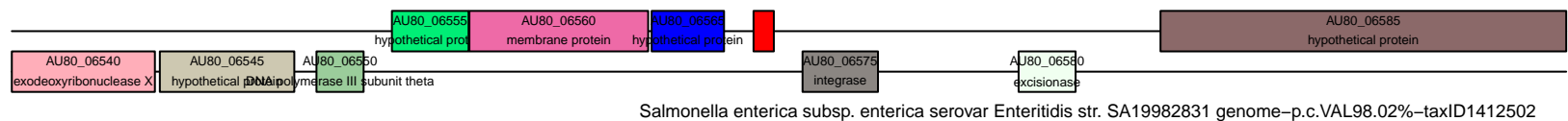
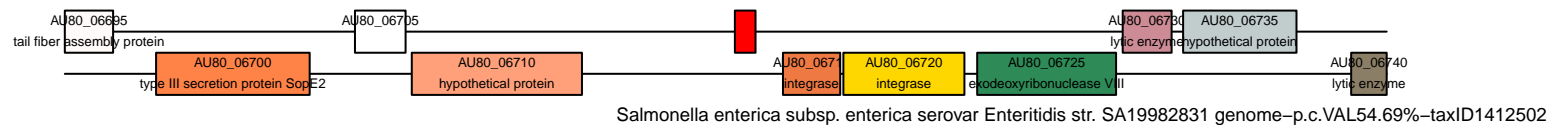
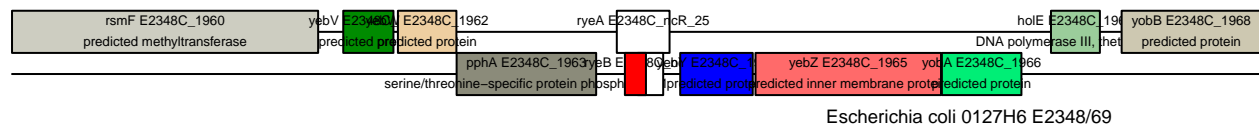
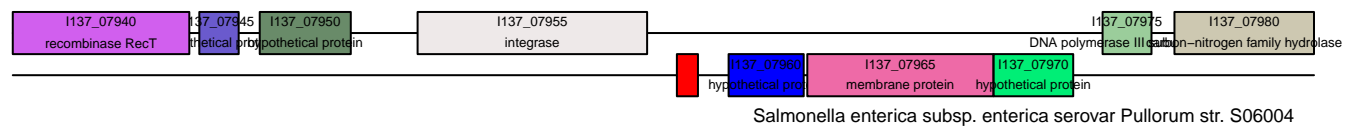
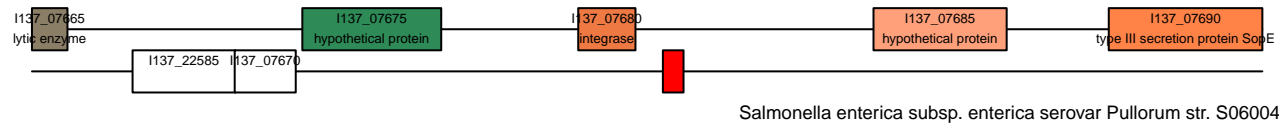
*Salmonella enterica* subsp. enterica serovar Enteritidis strain OLF-SE8-1021710

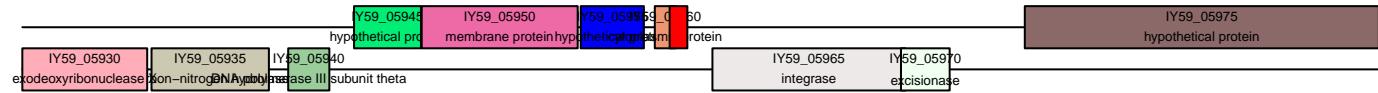


*Salmonella enterica* subsp. enterica serovar Enteritidis strain OLF-SE8-1021710

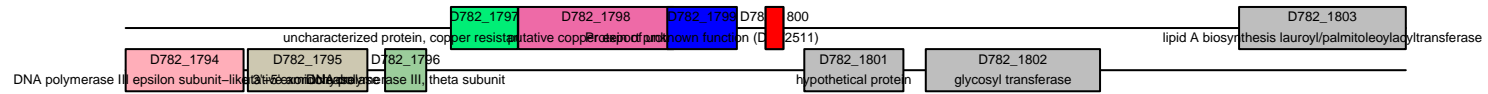


*Salmonella enterica* subsp. enterica serovar Enteritidis str. EC20120927 genome-p.c.VAL54.69%-taxID1412617

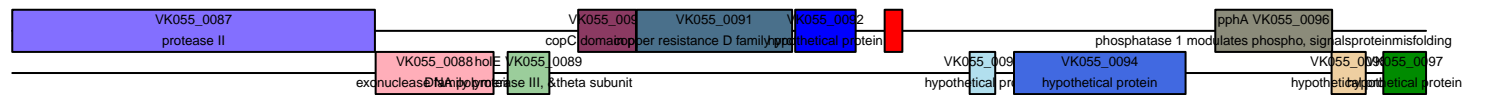




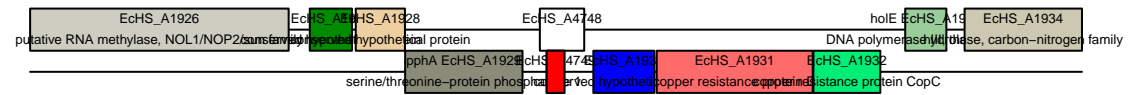
Salmonella enterica subsp. enterica serovar Enteritidis strain OLF-SE1-1019-1



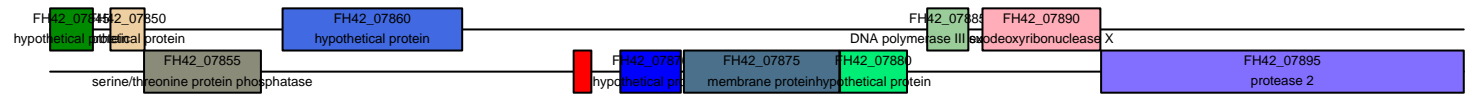
Enterobacteriaceae bacterium strain FGI 57



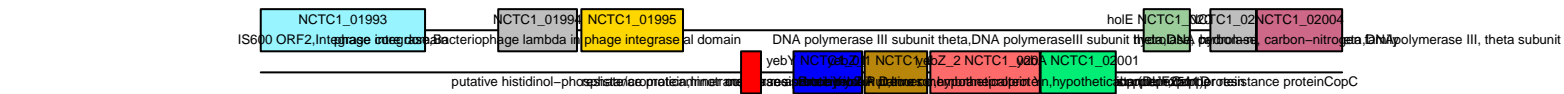
Klebsiella pneumoniae subsp. pneumoniae strain ATCC 43816 KPPR1



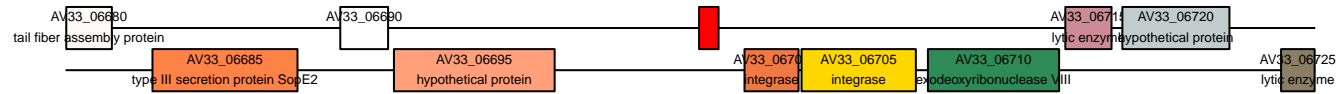
Escherichia coli HS



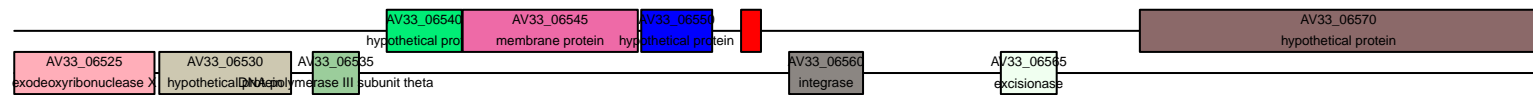
Klebsiella pneumoniae strain blaNDM-1



*Shigella flexneri* NCTC1



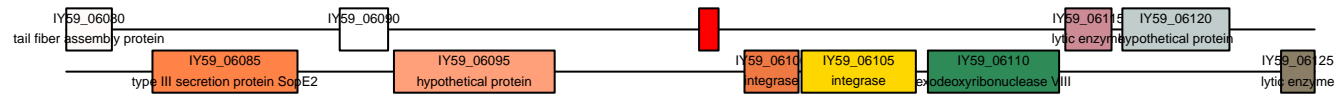
*Salmonella enterica* subsp. *enterica* serovar *Enteritidis* str. EC20121765 genome-p.c.VAL54.69%-taxID1412555



*Salmonella enterica* subsp. *enterica* serovar *Enteritidis* str. EC20121765 genome-p.c.VAL98.02%-taxID1412555

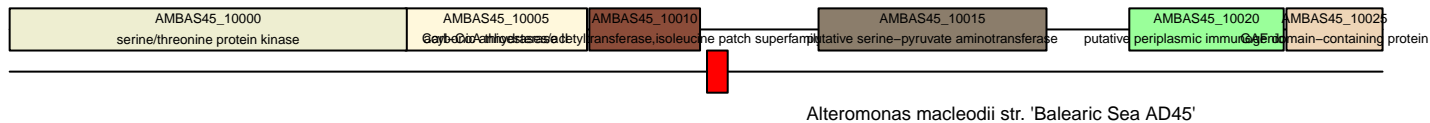
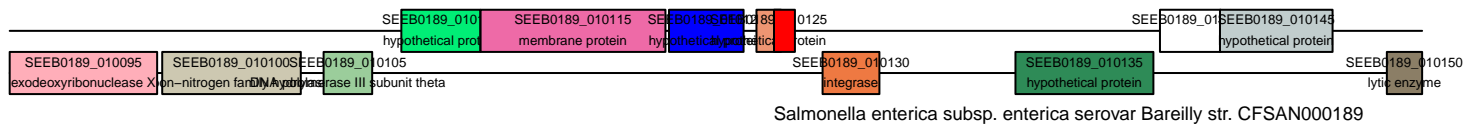
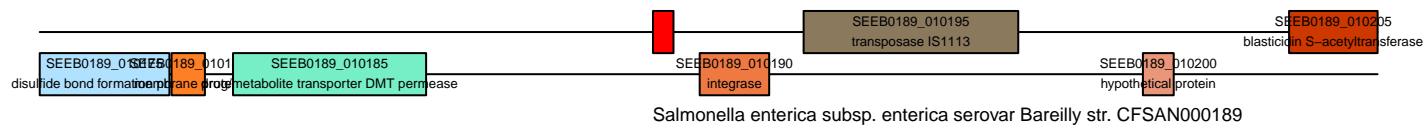
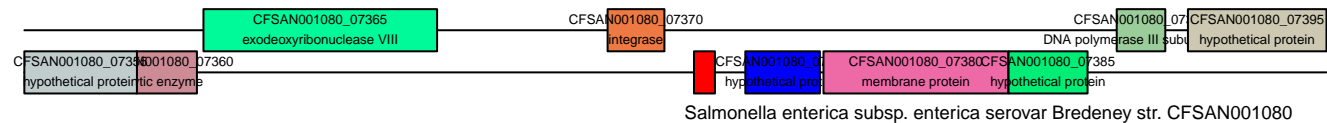


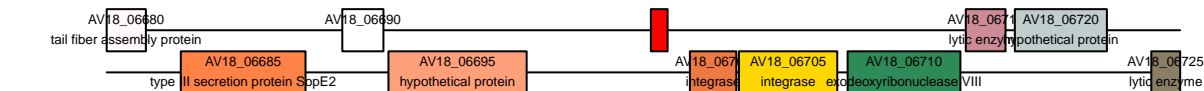
*Xenorhabdus nematophila* AN6/1 XNC2



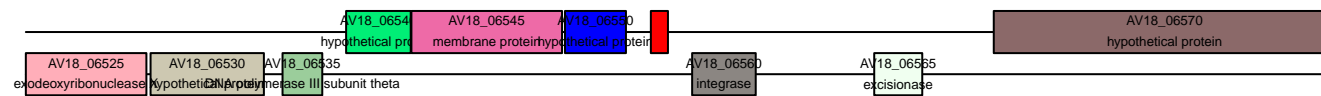
*Salmonella enterica* subsp. *enterica* serovar *Enteritidis* strain OLF-SE1-1019-1



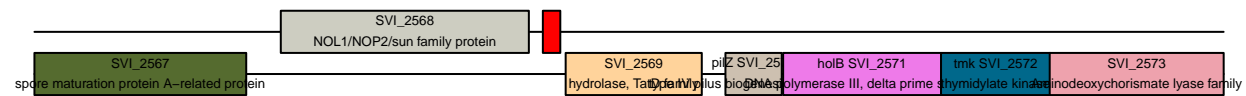




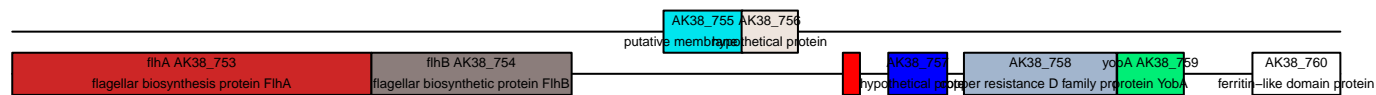
Salmonella enterica subsp. enterica serovar Enteritidis str. EC20121751 genome-p.c.VAL54.69%-taxID1412540



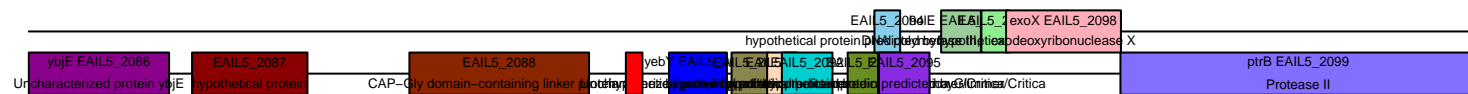
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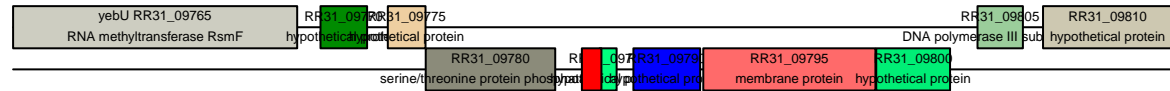
Shewanella violacea DSS12 DNA



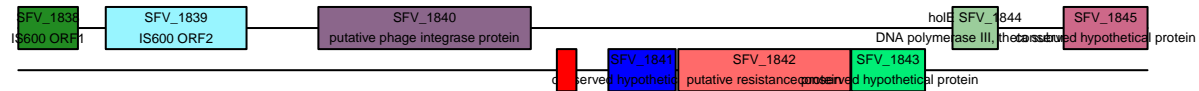
Yersinia pestis CO92



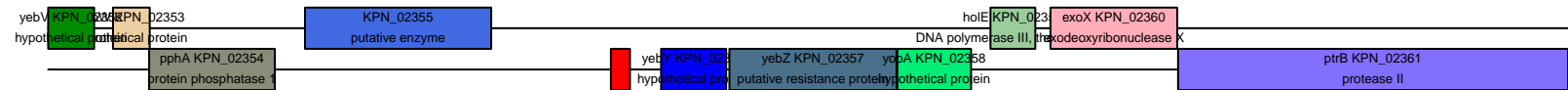
Erwinia amylovora ATCC BAA-2158



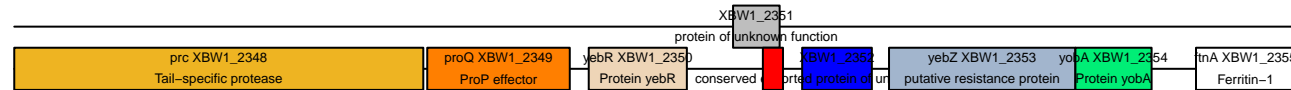
Escherichia coli strain 6409



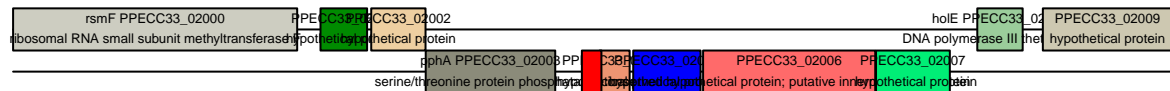
Shigella flexneri 5 str. 8401



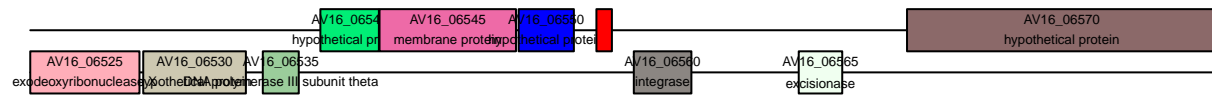
Klebsiella pneumoniae subsp. pneumoniae MGH 78578



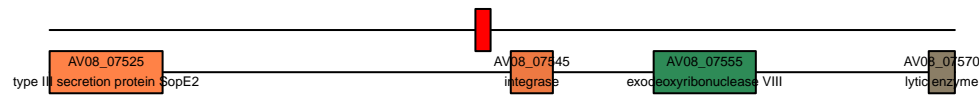
Xenorhabdus bovienii str. CS03



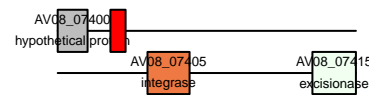
Escherichia coli PCN033



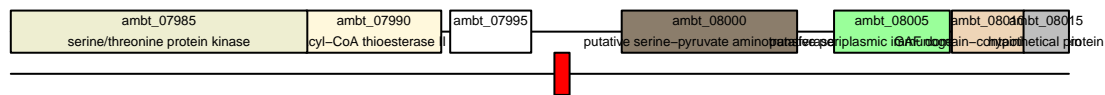
Salmonella enterica subsp. enterica serovar Enteritidis str. EC20111515 genome-p.c.VAL98.02%-taxID1412538



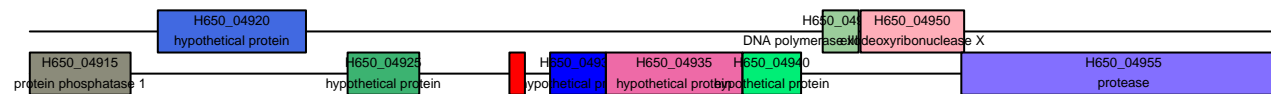
Salmonella enterica subsp. enterica serovar Enteritidis str. EC20121004 genome-p.c.VAL54.69%-taxID1412530



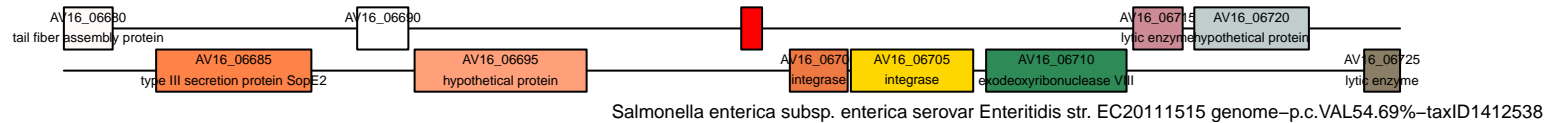
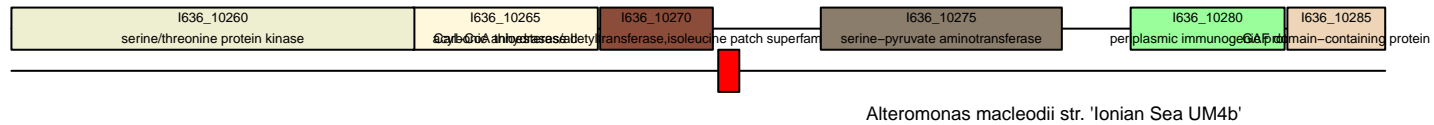
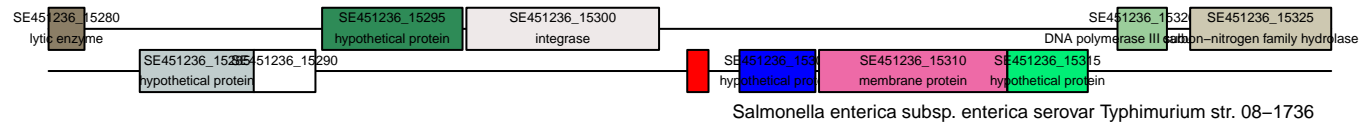
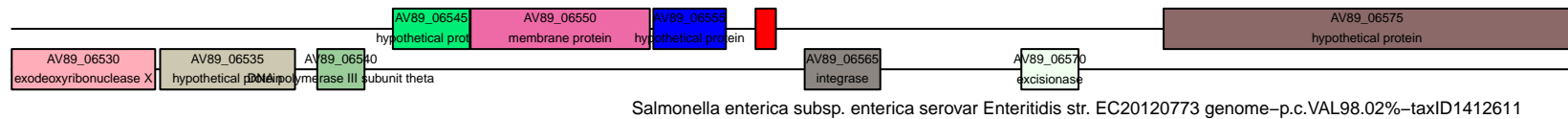
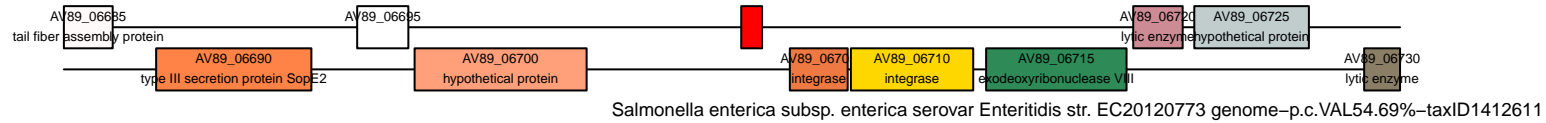
Salmonella enterica subsp. enterica serovar Enteritidis str. EC20121004 genome-p.c.VAL83.33%-taxID1412530

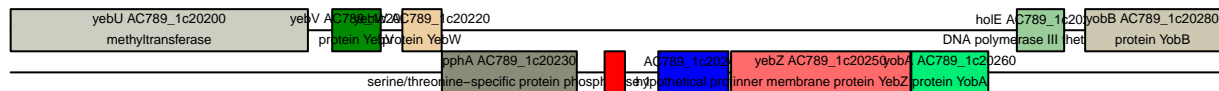


Alteromonas sp. SN2

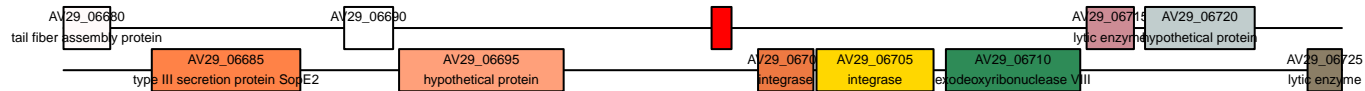


Enterobacter sp. R4-368

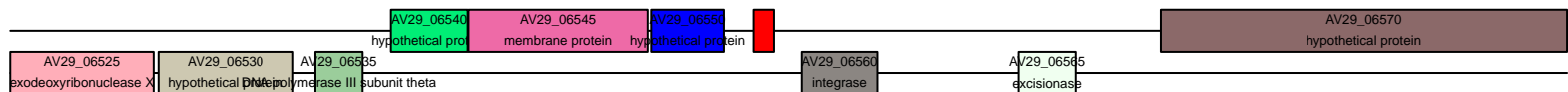




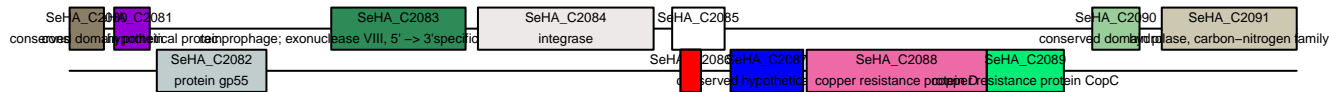
Escherichia coli strain 789



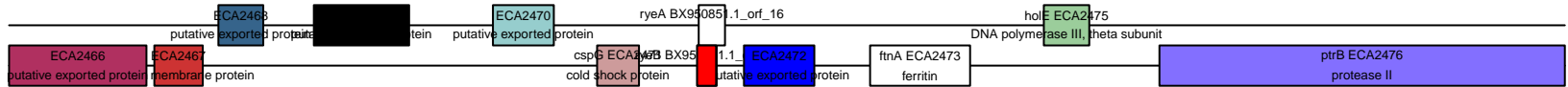
Salmonella enterica subsp. enterica serovar Enteritidis str. EC20121753 genome-p.c.VAL54.69%-taxID1412551



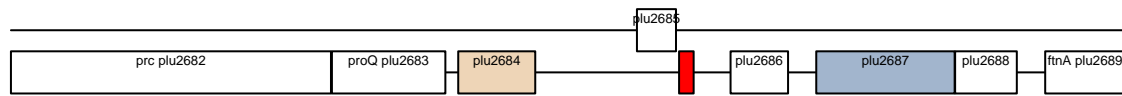
Salmonella enterica subsp. enterica serovar Enteritidis str. EC20121753 genome-p.c.VAL98.02%-taxID1412551



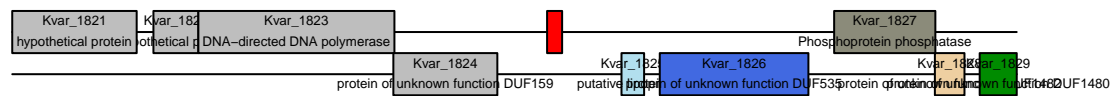
Salmonella enterica subsp. enterica serovar Heidelberg str. SL476



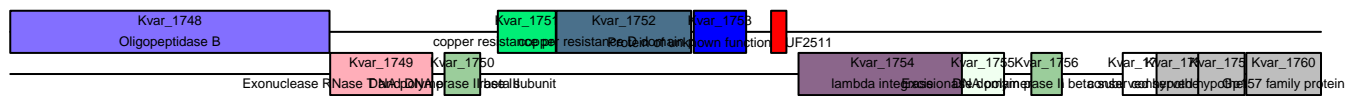
Erwinia carotovora subsp. atroseptica SCRI1043



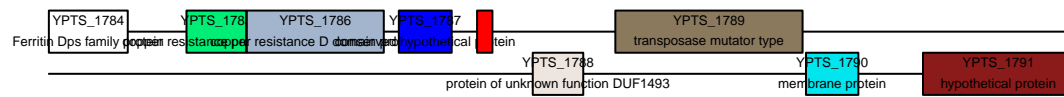
Photorhabdus luminescens subsp. laumondii TTO1 ; segment 10/17-p.c.VAL65.25%-taxID243265|RFAM\_PROOFED\_NEW



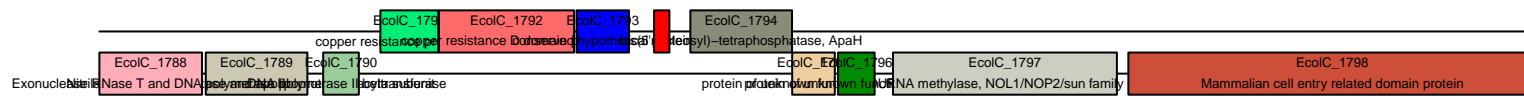
Klebsiella variicola At-22



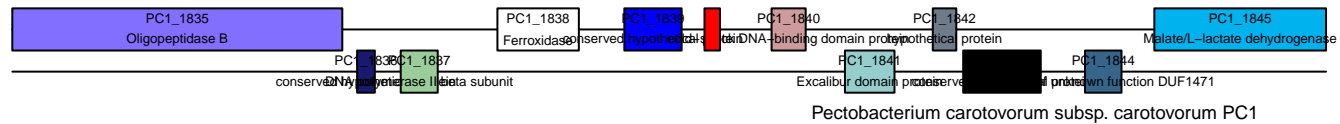
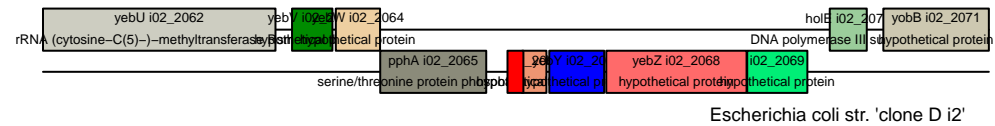
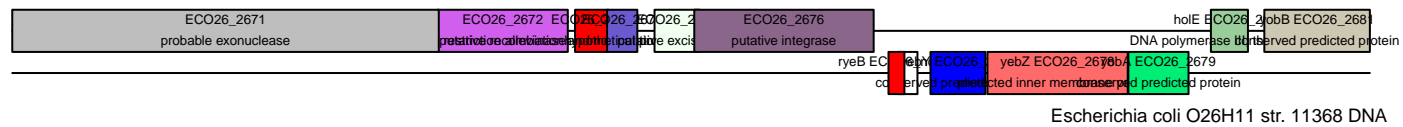
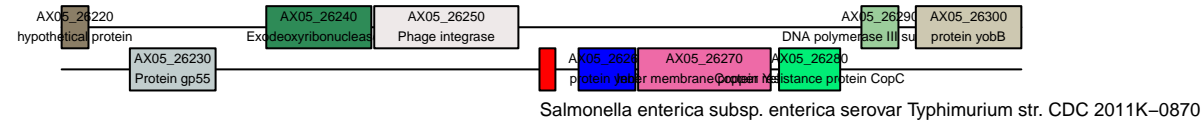
Klebsiella variicola At-22



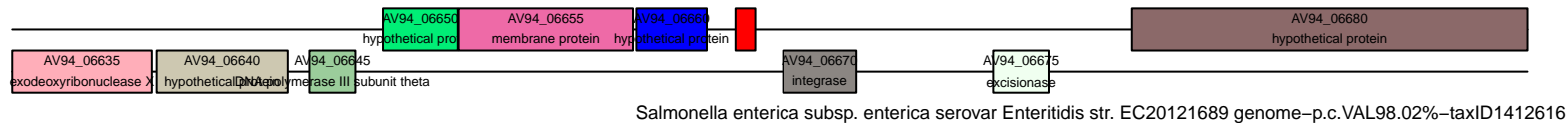
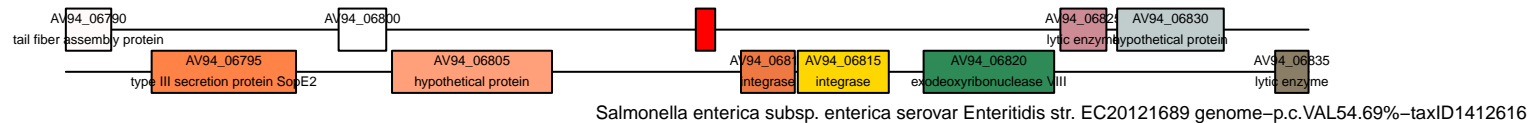
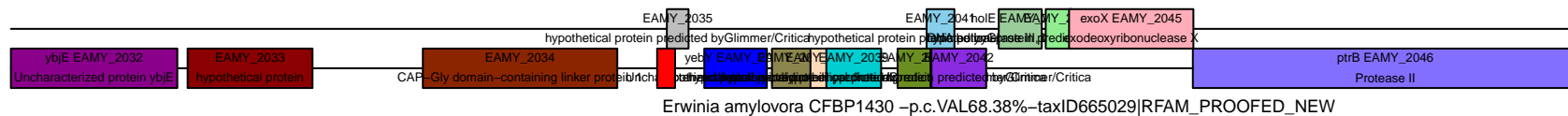
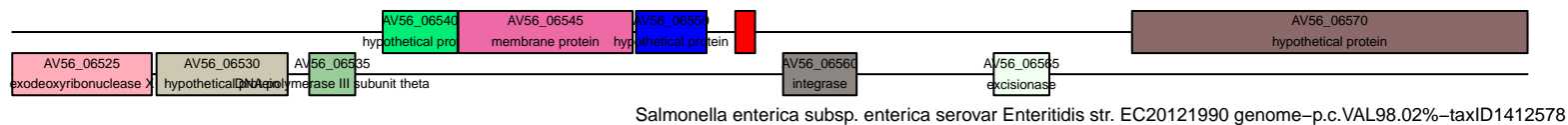
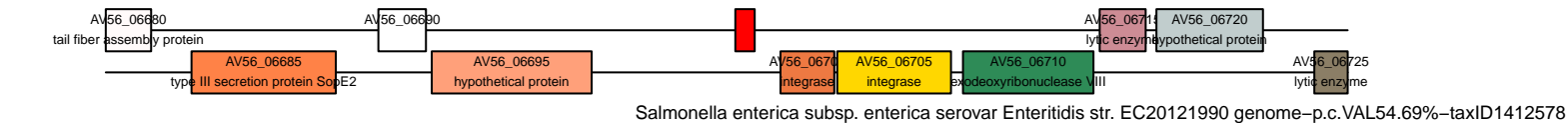
Yersinia pseudotuberculosis PB1/+

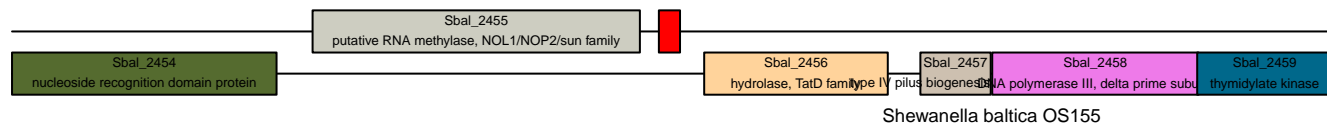
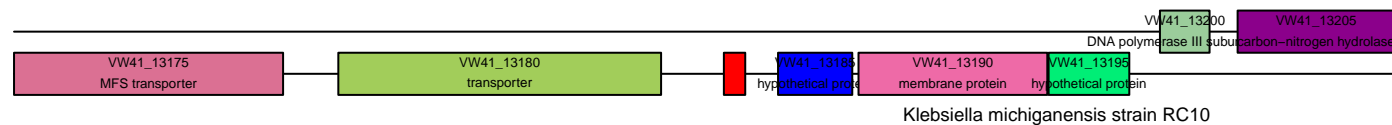
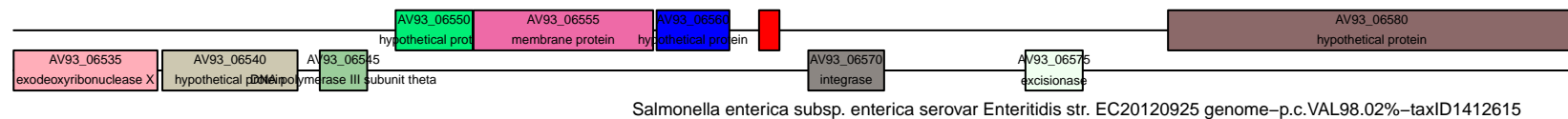
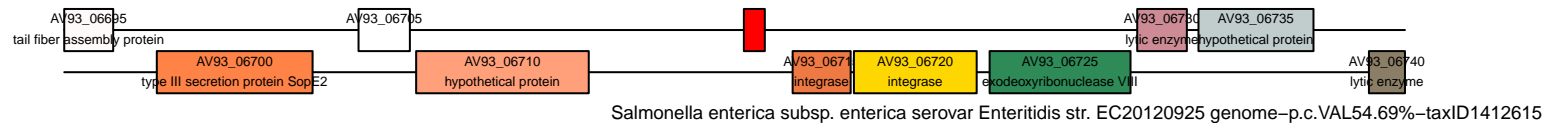
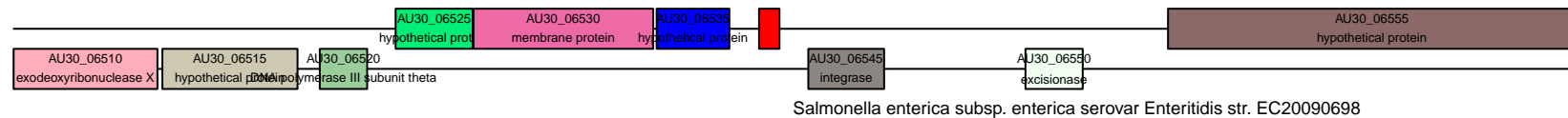


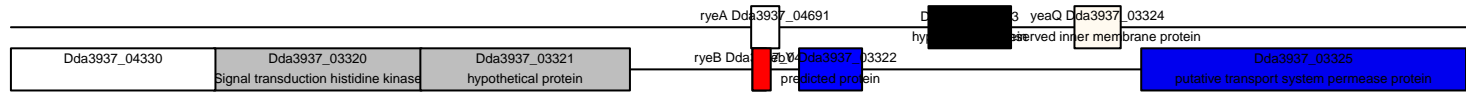
Escherichia coli ATCC 8739



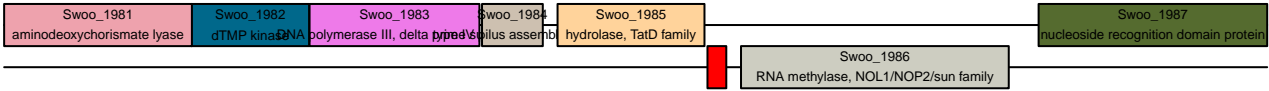




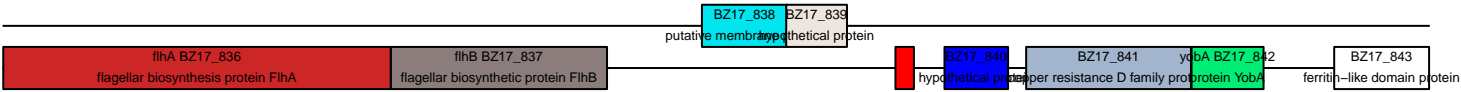




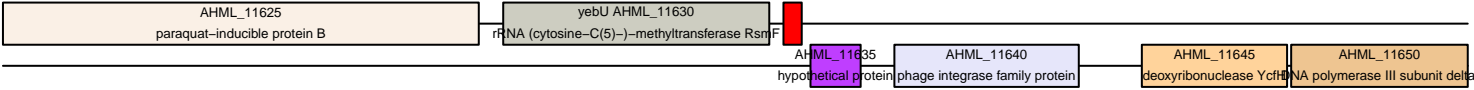
*Dickeya dadantii* 3937



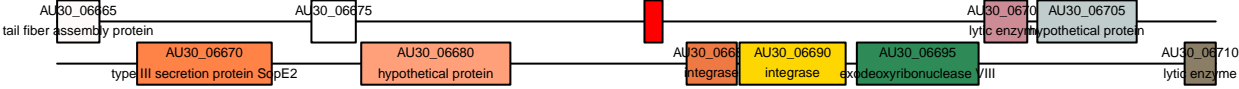
*Shewanella woodyi* ATCC 51908



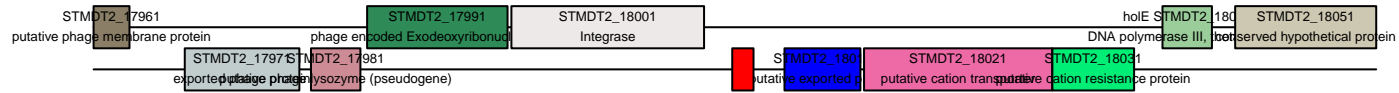
*Yersinia pseudotuberculosis* IP 32953



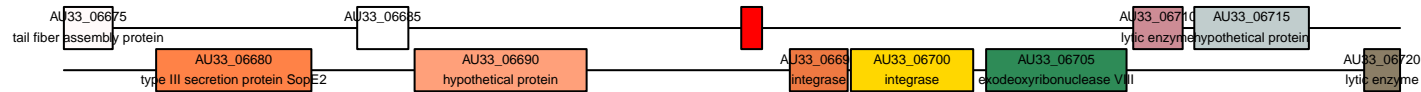
*Aeromonas hydrophila* ML09-119



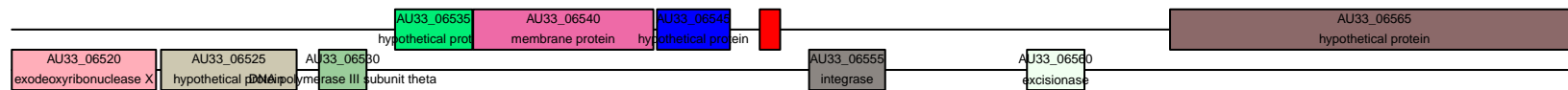
*Salmonella enterica* subsp. *enterica* serovar Enteritidis str. EC20090698



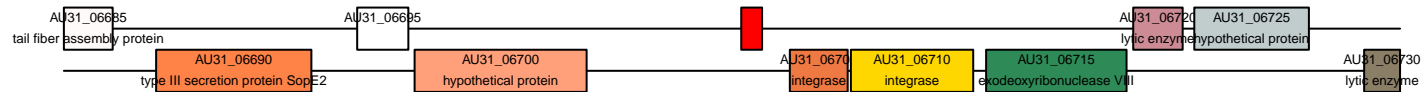
Salmonella enterica subsp. enterica serovar Typhimurium str. DT2



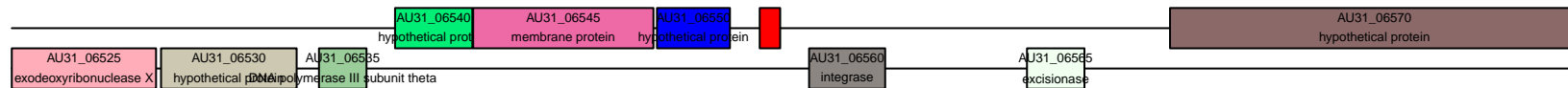
Salmonella enterica subsp. enterica serovar Enteritidis str. EC20111175



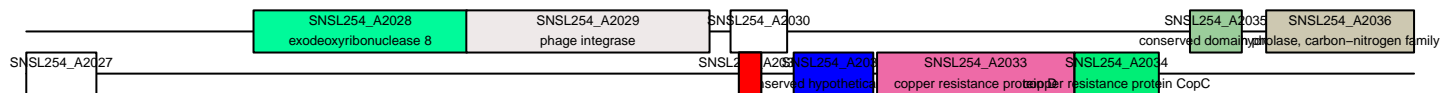
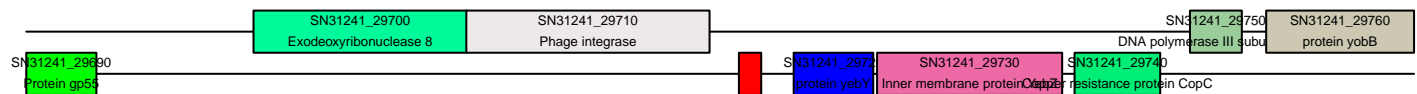
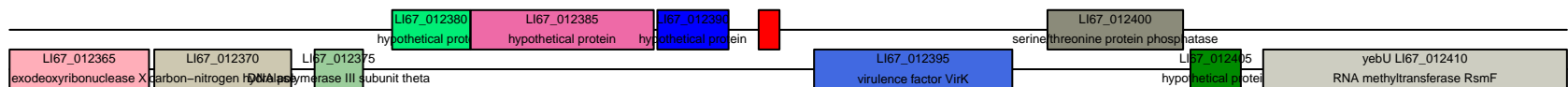
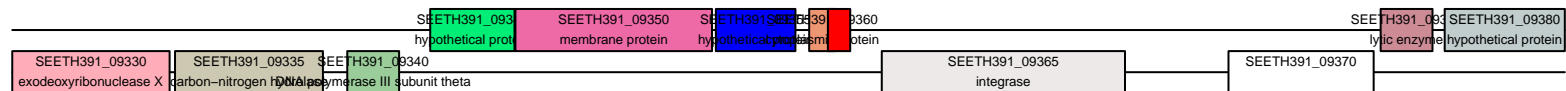
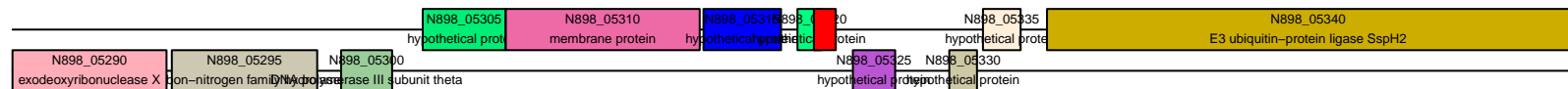
Salmonella enterica subsp. enterica serovar Enteritidis str. EC20111175

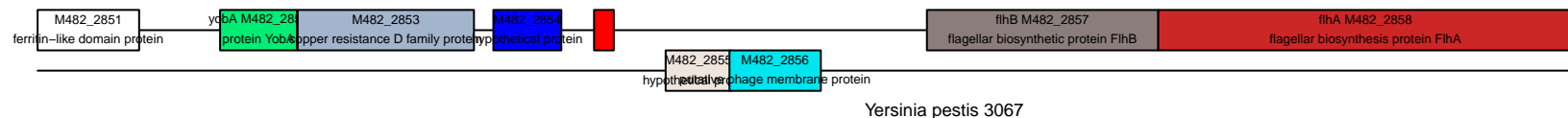
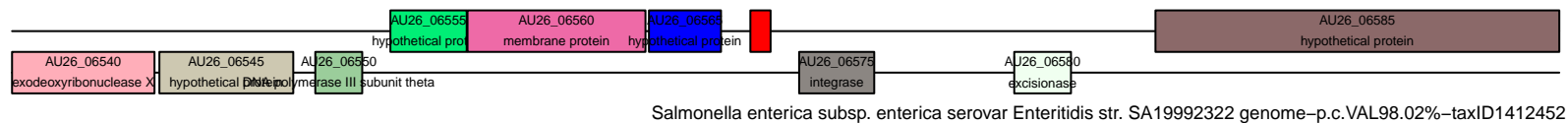
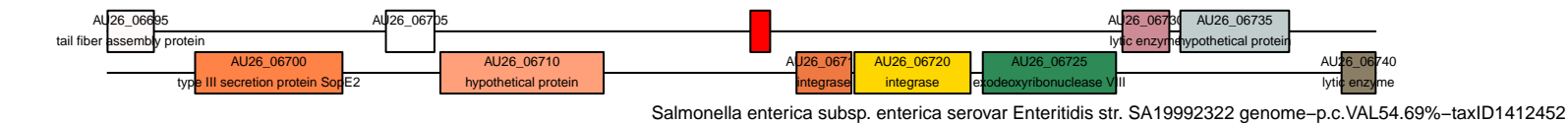
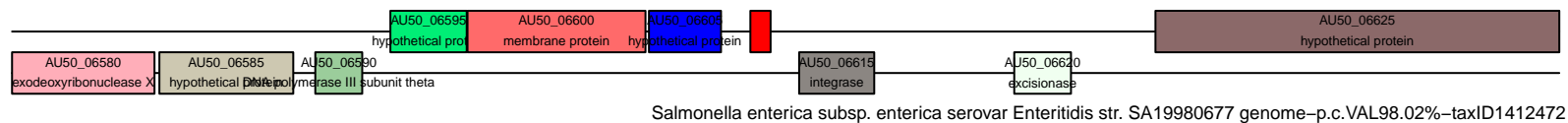
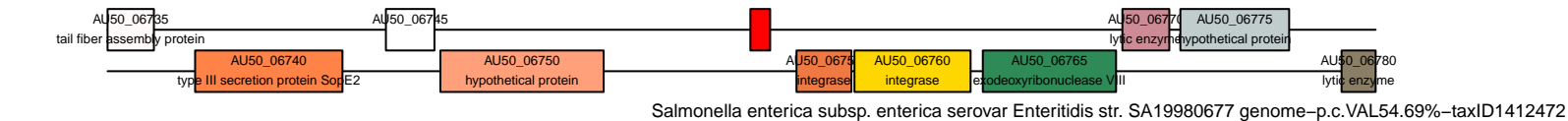


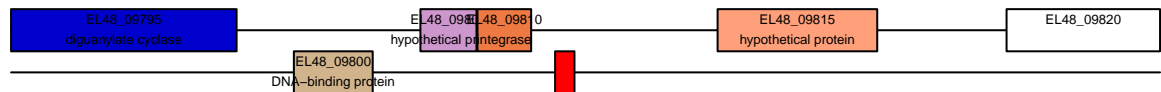
Salmonella enterica subsp. enterica serovar Enteritidis str. EC20110221



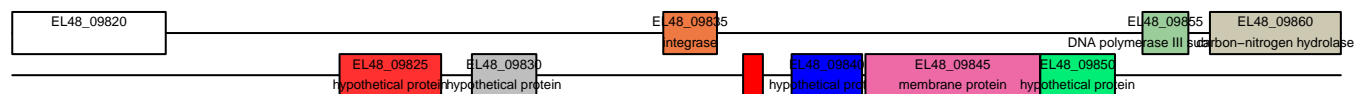
Salmonella enterica subsp. enterica serovar Enteritidis str. EC20110221



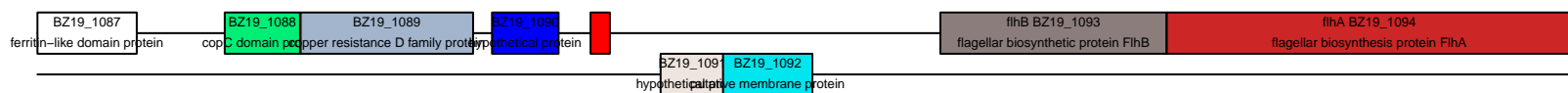




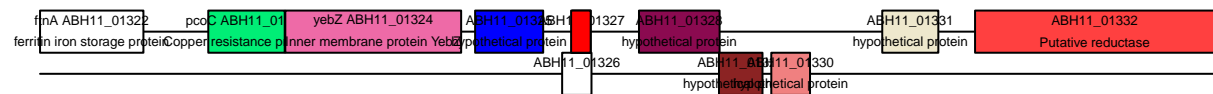
Salmonella enterica subsp. enterica serovar Choleraesuis strain C500



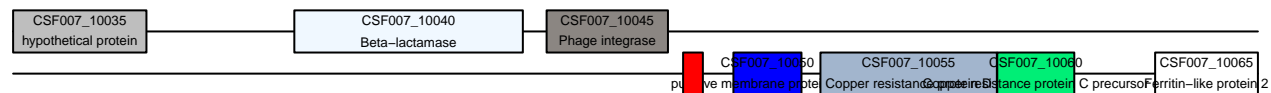
Salmonella enterica subsp. enterica serovar Choleraesuis strain C500



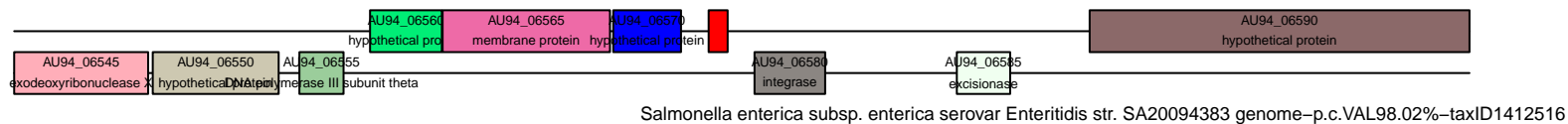
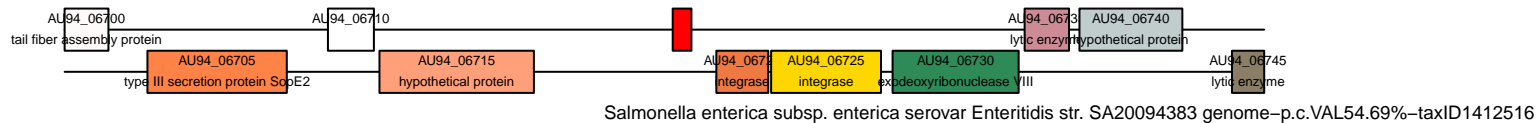
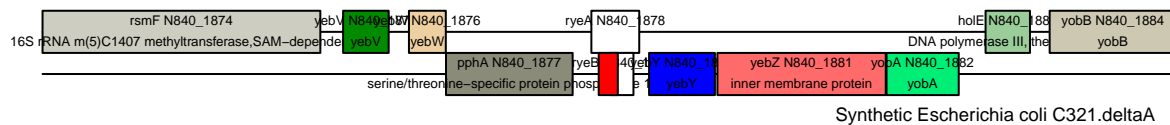
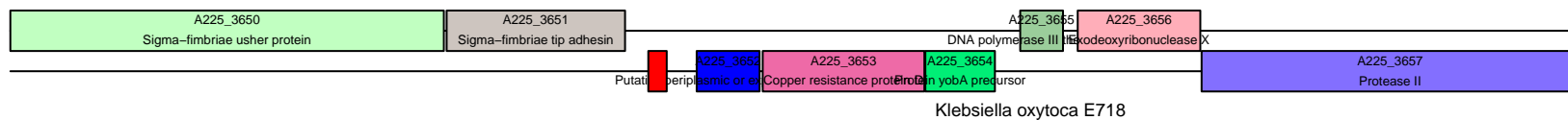
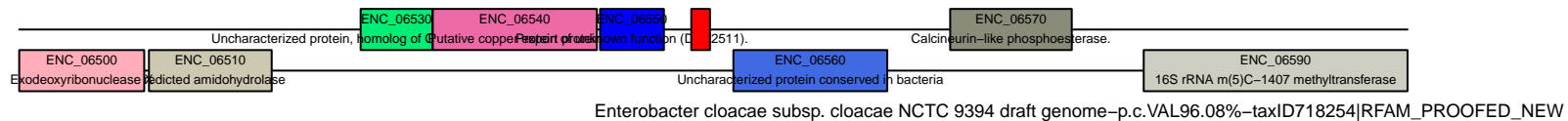
Yersinia pseudotuberculosis str. PA3606



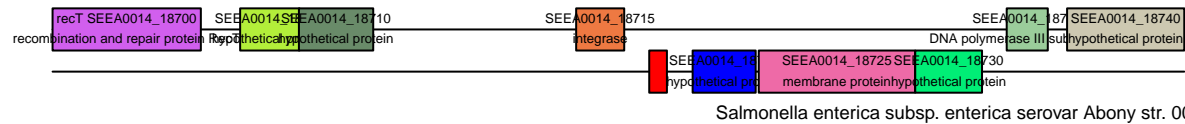
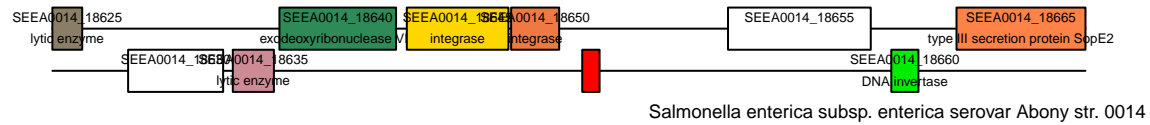
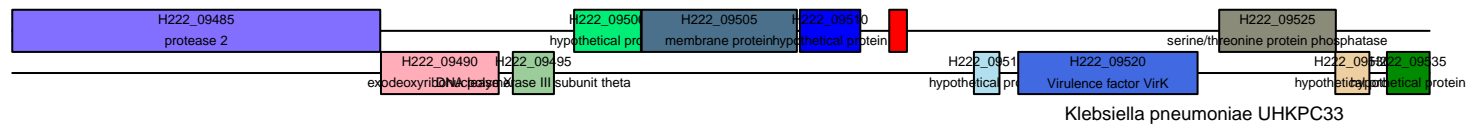
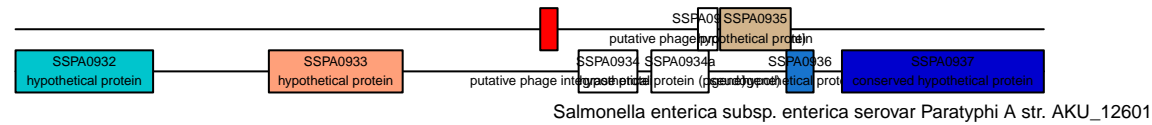
Serratia marcescens strain SmUNAM836

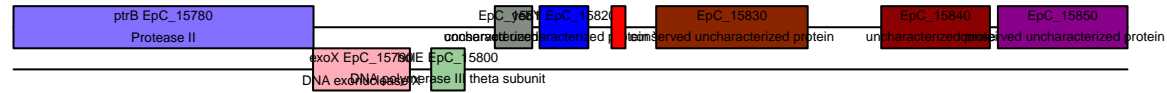


Yersinia ruckeri RuckeriPB-H2

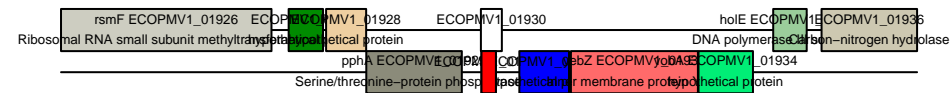




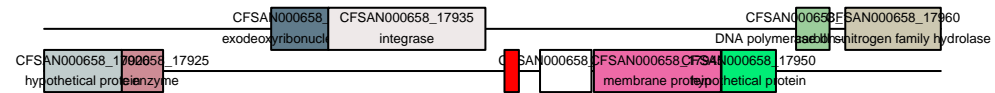




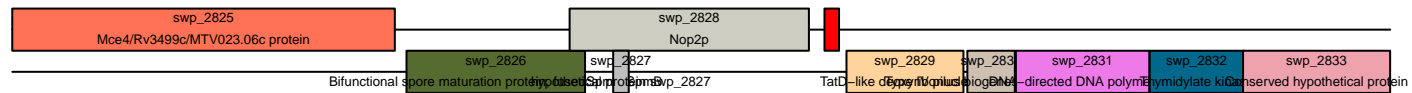
Erwinia pyrifoliae strain Ep1/96 complete –p.c.VAL65.55%–taxID634499|RFAM\_PROOFED\_NEW



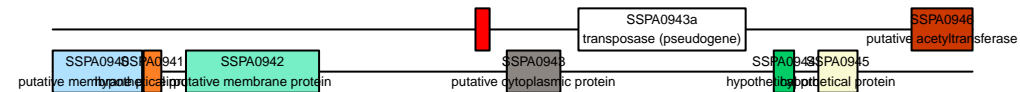
Escherichia coli PMV-1 main



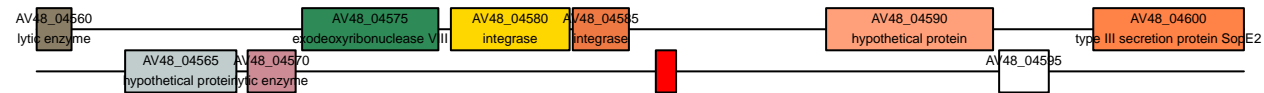
Salmonella enterica subsp. enterica serovar Abaetetuba str. ATCC 35640



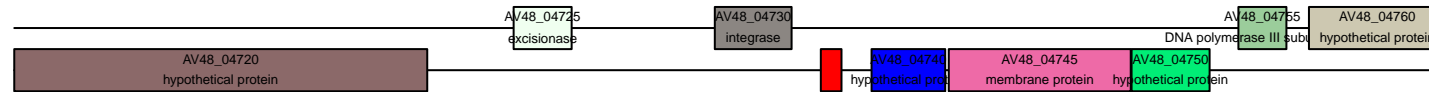
Shewanella piezotolerans WP3



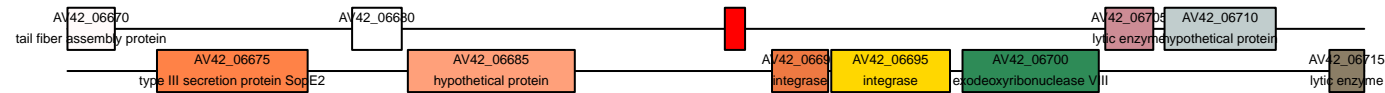
Salmonella enterica subsp. enterica serovar Paratyphi A str. AKU\_12601



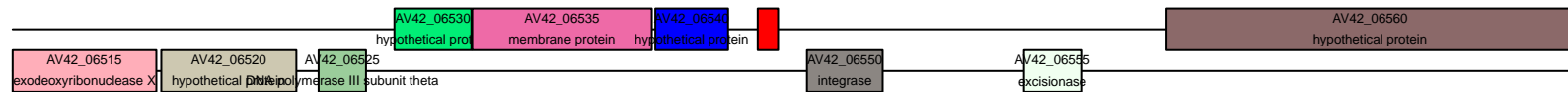
Salmonella enterica subsp. enterica serovar Enteritidis str. EC20120916 genome-p.c.VAL54.69%-taxID1412570



Salmonella enterica subsp. enterica serovar Enteritidis str. EC20120916 genome-p.c.VAL98.02%-taxID1412570



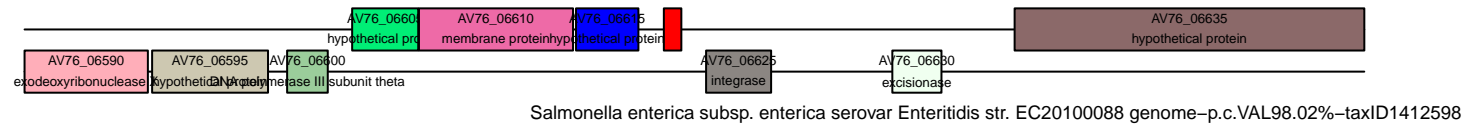
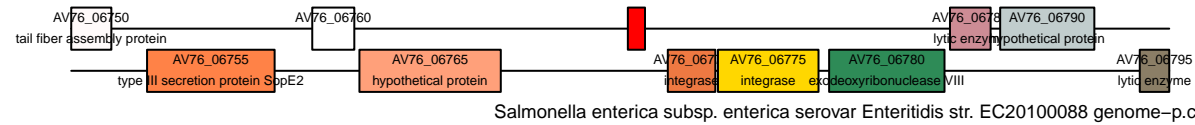
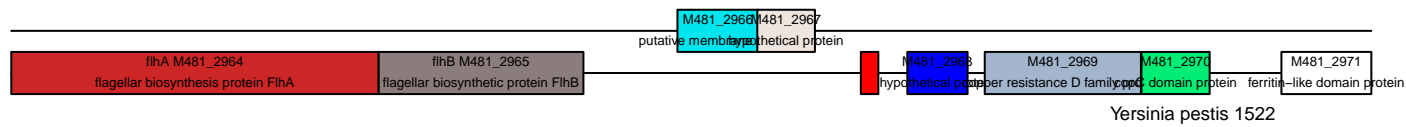
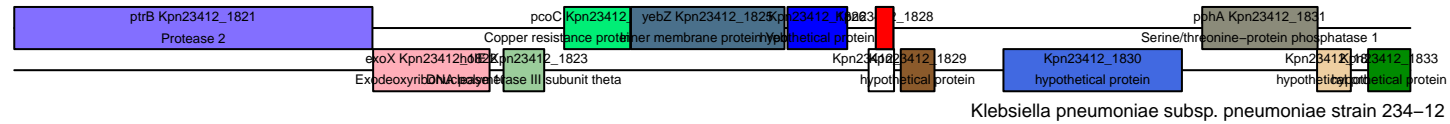
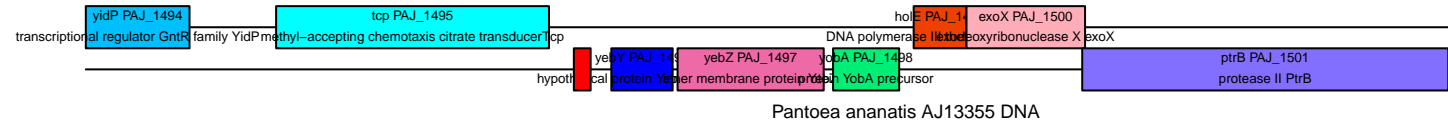
Salmonella enterica subsp. enterica serovar Enteritidis str. EC20120765 genome-p.c.VAL54.69%-taxID1412564

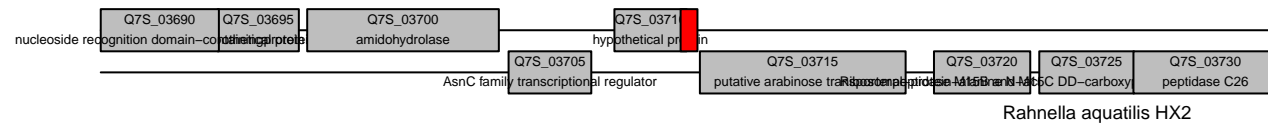


Salmonella enterica subsp. enterica serovar Enteritidis str. EC20120765 genome-p.c.VAL98.02%-taxID1412564

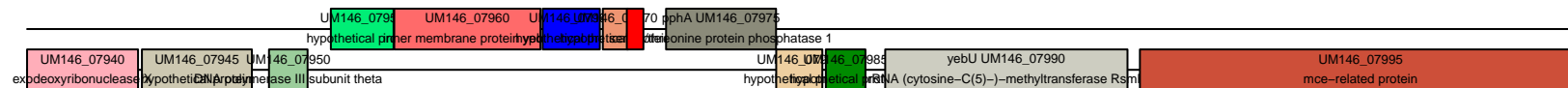


Citrobacter amalonaticus Y19

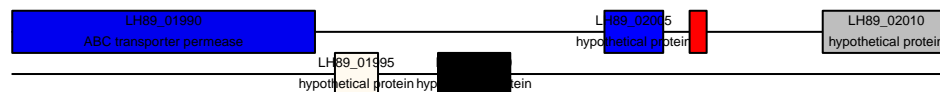




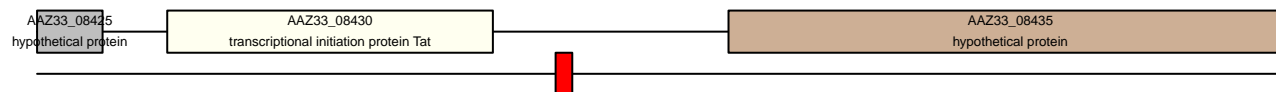
Rahnella aquatilis HX2



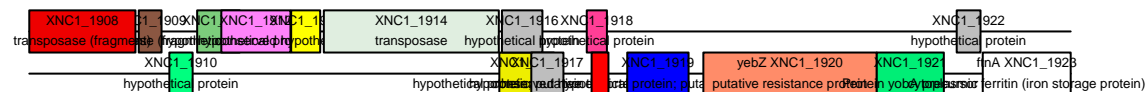
Escherichia coli UM146



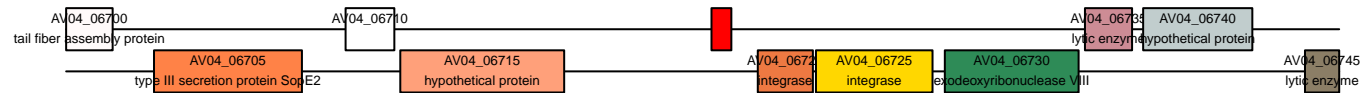
Cedecea neteri strain ND14b



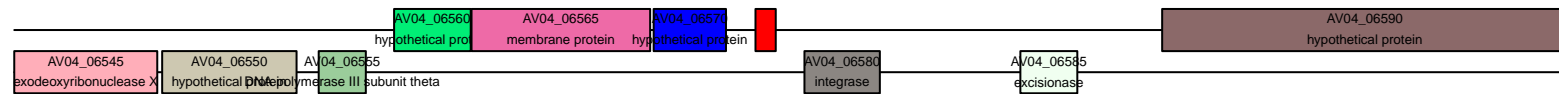
Edwardsiella sp. LADL05-105



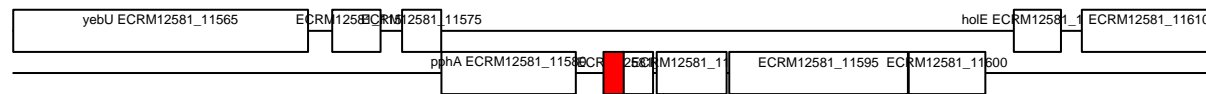
Xenorhabdus nematophila ATCC 19061



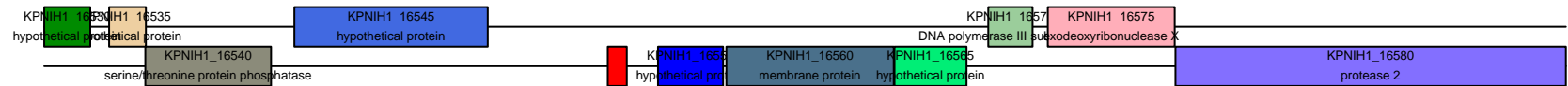
Salmonella enterica subsp. enterica serovar Enteritidis str. EC20121825 genome-p.c.VAL54.69%-taxID1412526



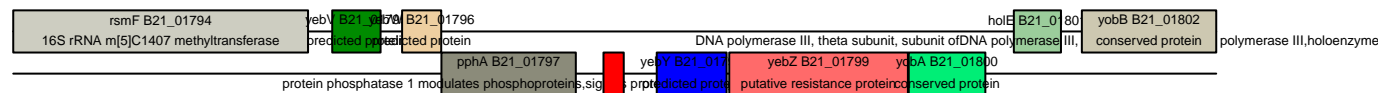
Salmonella enterica subsp. enterica serovar Enteritidis str. EC20121825 genome-p.c.VAL98.02%-taxID1412526



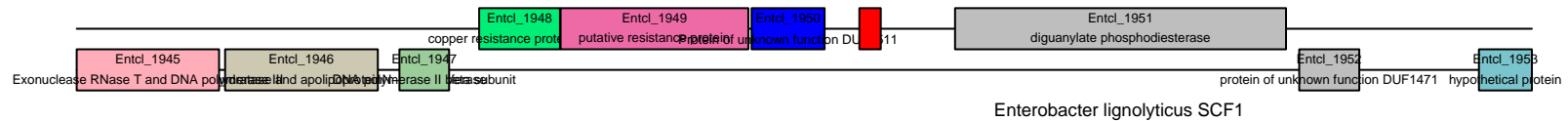
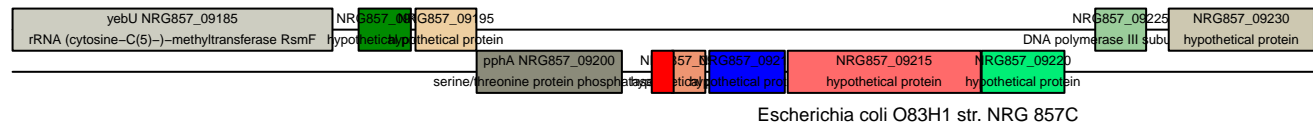
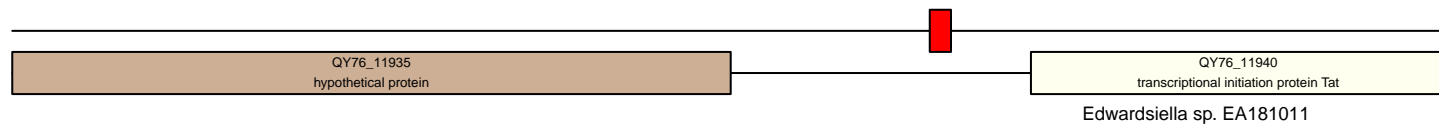
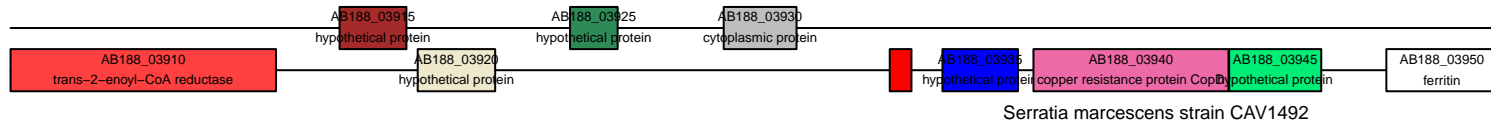
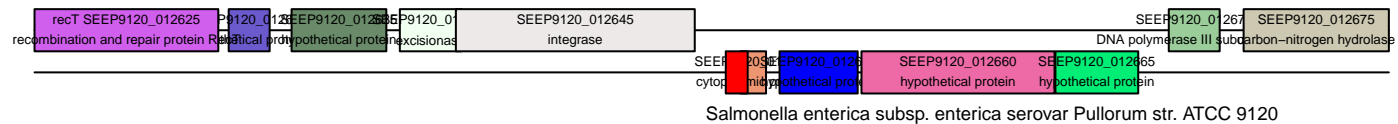
Escherichia coli O145H28 str. RM12581

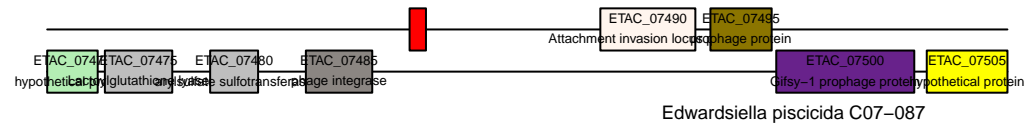
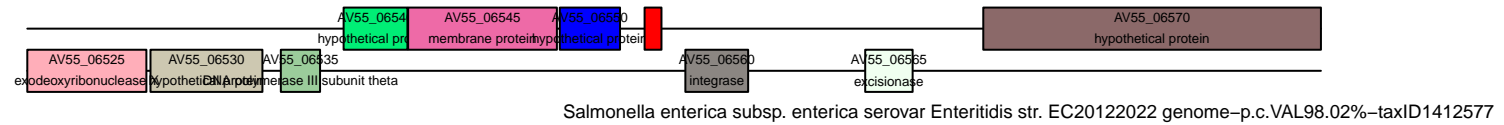
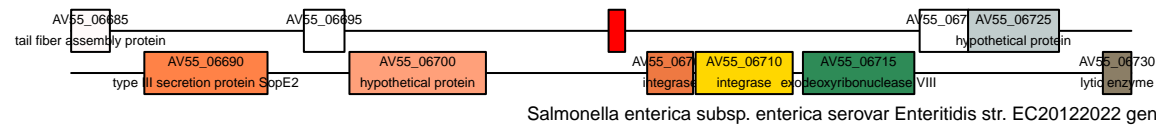
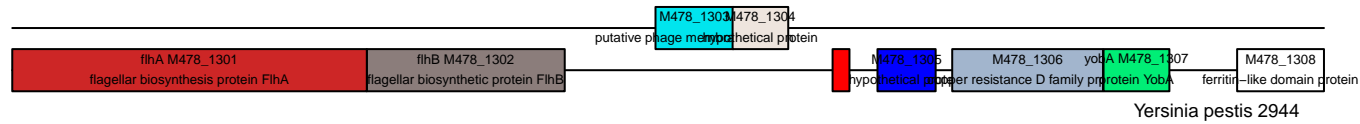
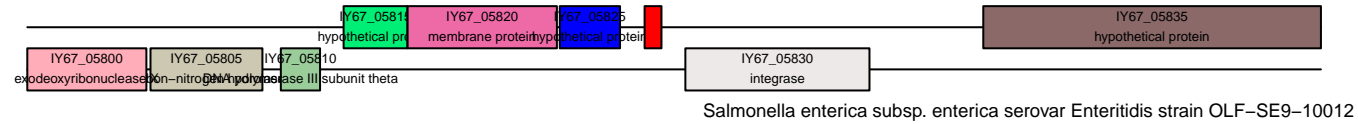


Klebsiella pneumoniae subsp. pneumoniae KPNIH1

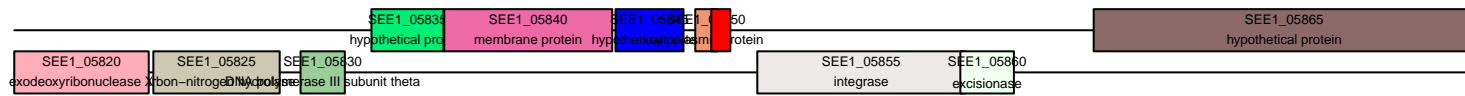


Escherichia coli BL21(DE3)

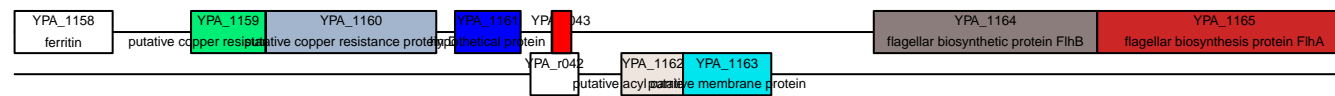








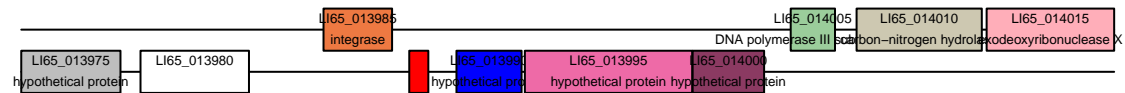
Salmonella enterica subsp. enterica serovar Enteritidis strain SEE1



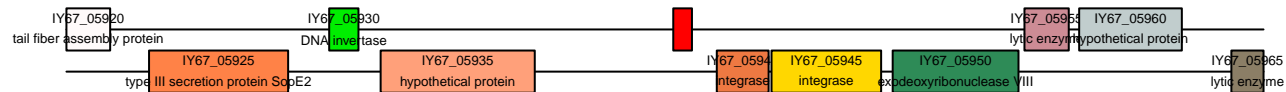
Yersinia pestis Antiqua



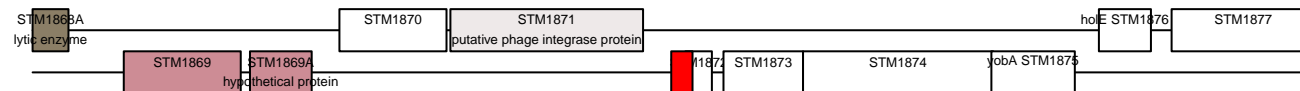
Salmonella enterica subsp. enterica serovar Agona str. 24249



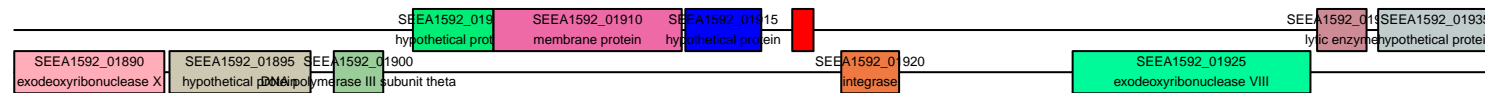
Enterobacter cloacae strain 34998



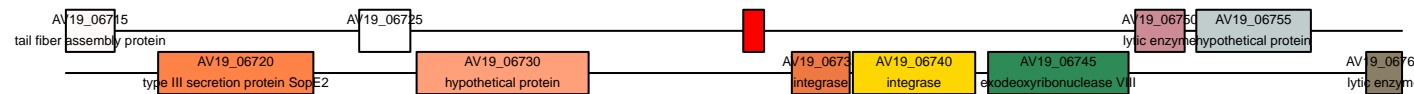
Salmonella enterica subsp. enterica serovar Enteritidis strain OLF-SE9-10012



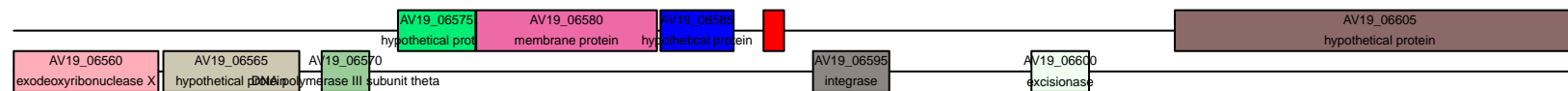
Salmonella enterica subsp. enterica serovar Typhimurium str. LT2



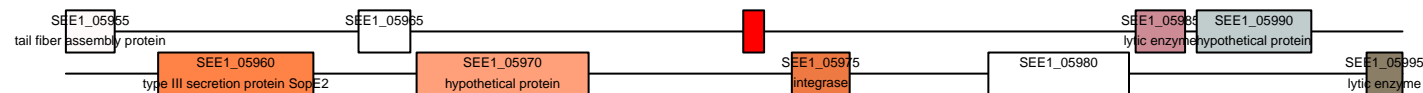
Salmonella enterica subsp. enterica serovar Anatum str. ATCC BAA-1592



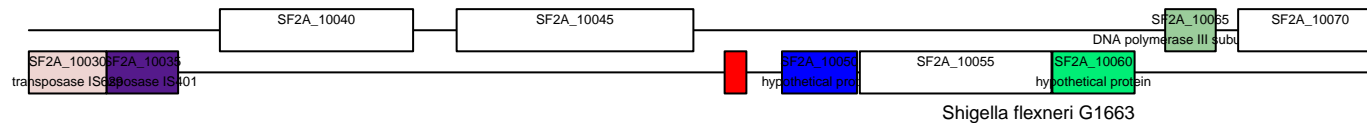
Salmonella enterica subsp. enterica serovar Enteritidis str. EC20121750 genome-p.c.VAL54.69%-taxID1412541



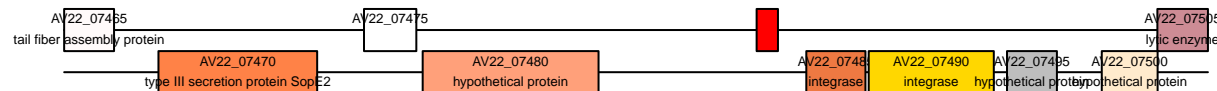
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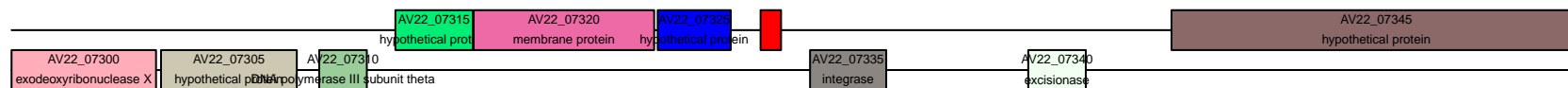
Salmonella enterica subsp. enterica serovar Enteritidis strain SEE1



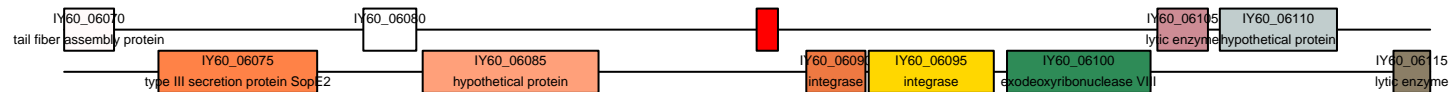
*Shigella flexneri* G1663



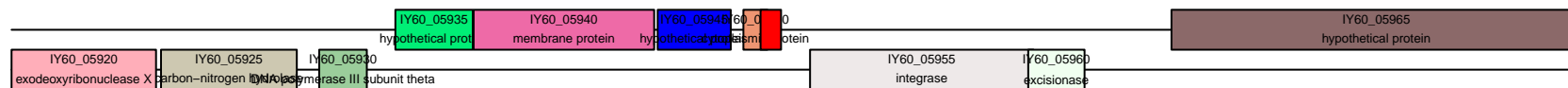
*Salmonella enterica* subsp. *enterica* serovar *Enteritidis* str. EC20120505 genome-p.c.VAL54.69%-taxID1412544



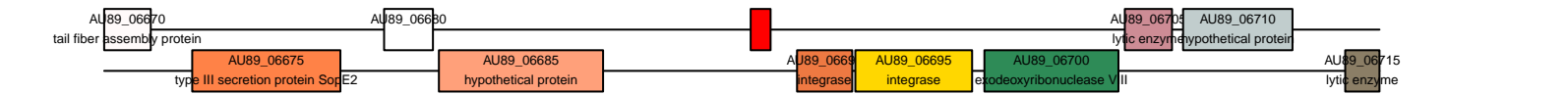
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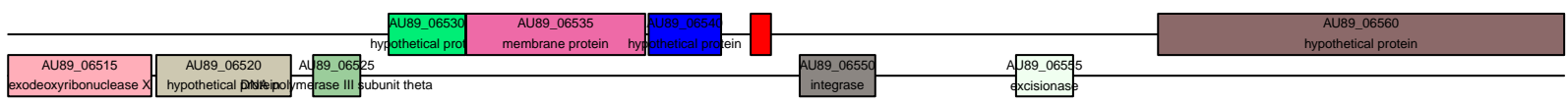
*Salmonella enterica* subsp. *enterica* serovar *Enteritidis* strain OLF-SE2-98984-6



*Salmonella enterica* subsp. *enterica* serovar *Enteritidis* strain OLF-SE2-98984-6



Salmonella enterica subsp. enterica serovar Enteritidis str. SA20093788 genome-p.c.VAL54.69%-taxID1412511



Salmonella enterica subsp. enterica serovar Enteritidis str. SA20093788 genome-p.c.VAL98.02%-taxID1412511



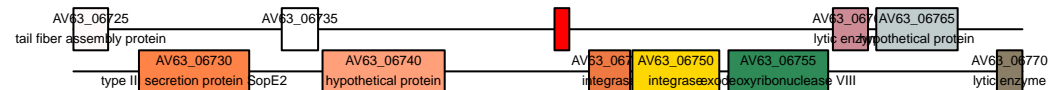
Xenorhabdus poinarii str. G6



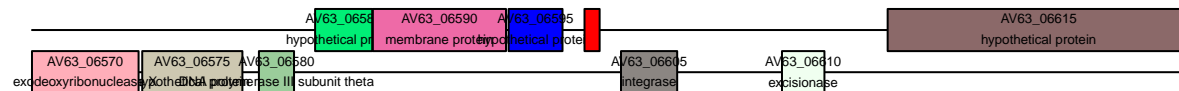
Escherichia coli HUSEC2011 -p.c.VAL90.48%-taxID562



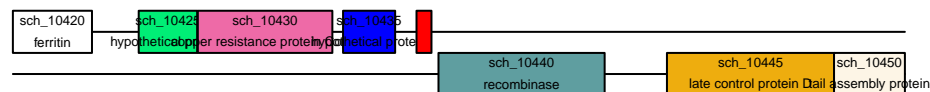
Escherichia coli S88



Salmonella enterica subsp. enterica serovar Enteritidis str. EC20090530 genome-p.c.VAL54.69%-taxID1412585



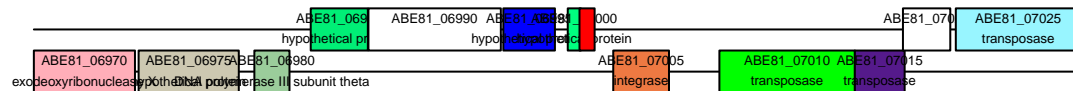
Salmonella enterica subsp. enterica serovar Enteritidis str. EC20090530 genome-p.c.VAL98.02%-taxID1412585



Serratia plymuthica strain V4 genome-p.c.VAL82.57%-taxID82996

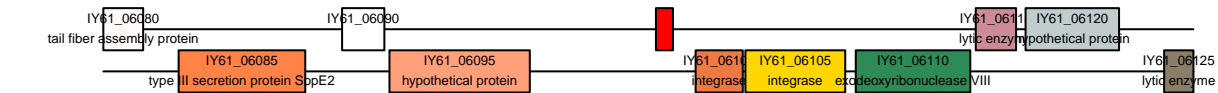


Shigella boydii strain ATCC 9210

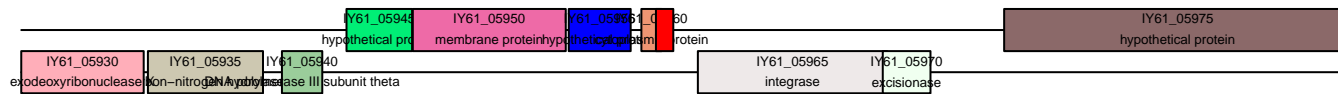


Shigella boydii strain ATCC 9210

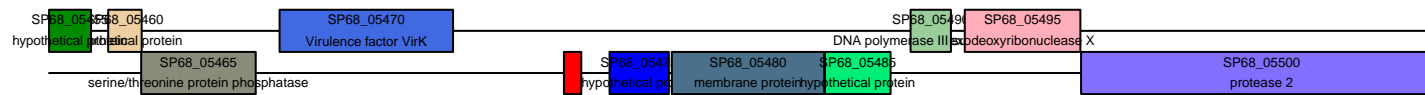




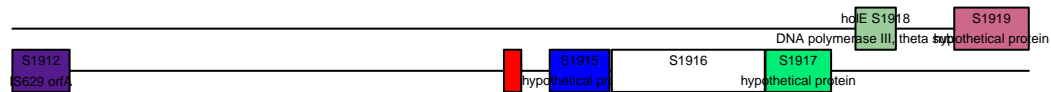
Salmonella enterica subsp. enterica serovar Enteritidis strain OLF-SE3-98983-4



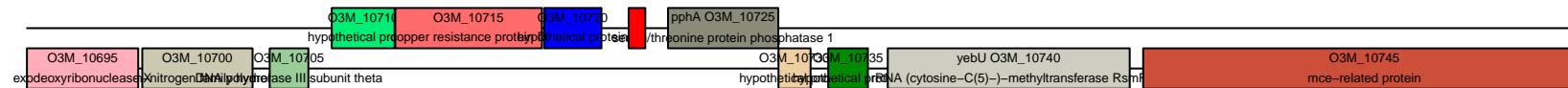
Salmonella enterica subsp. enterica serovar Enteritidis strain OLF-SE3-98983-4



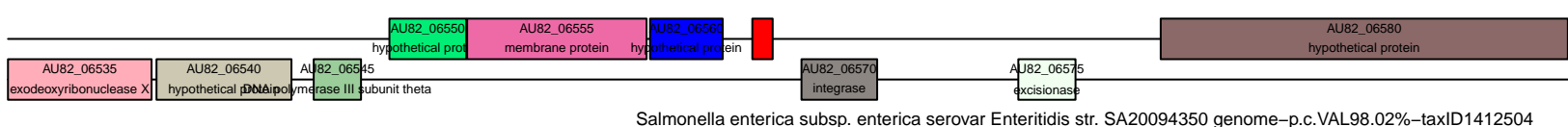
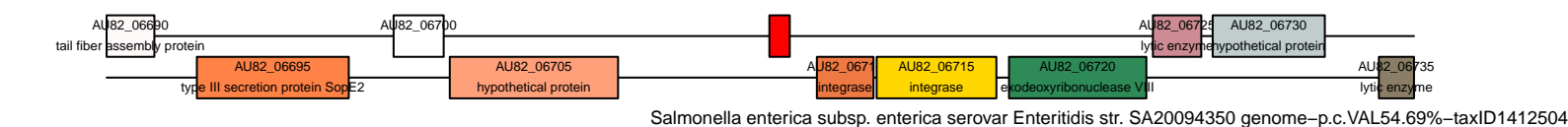
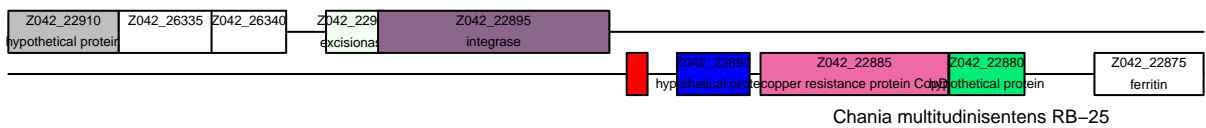
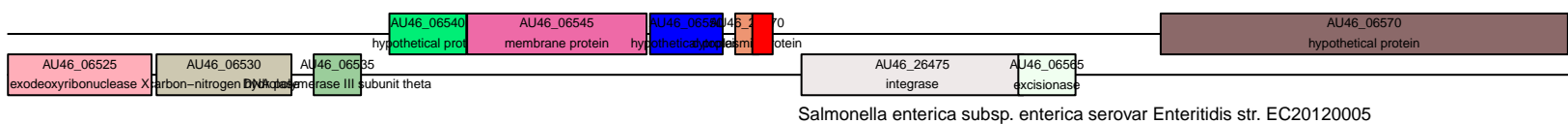
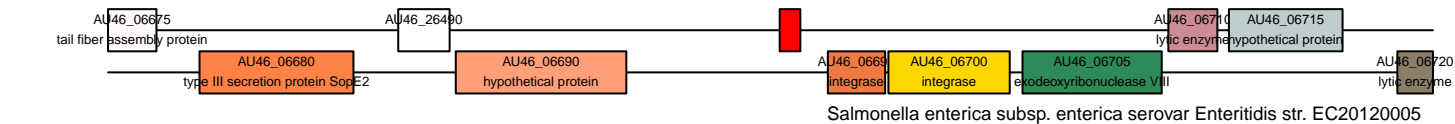
Klebsiella variicola strain DSM 15968



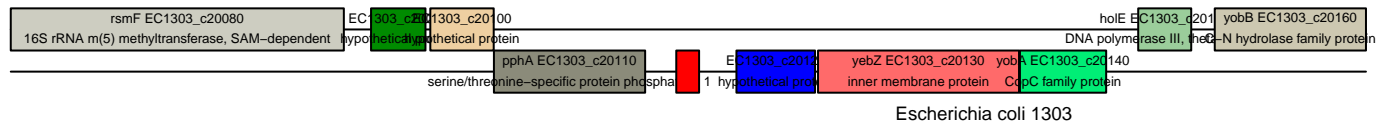
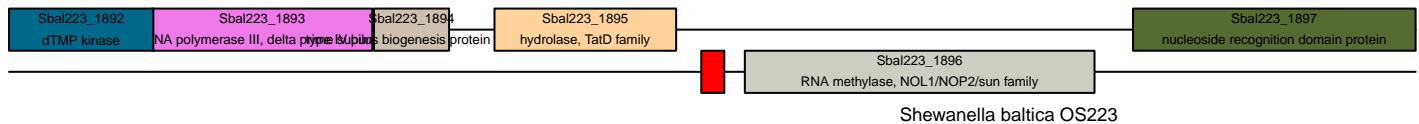
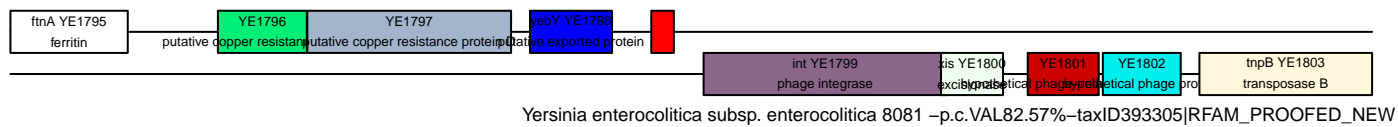
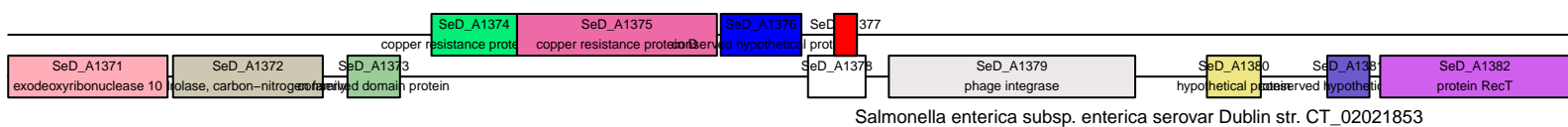
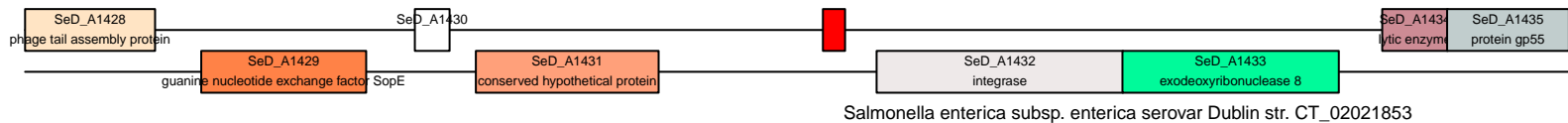
Shigella flexneri 2a str. 2457T

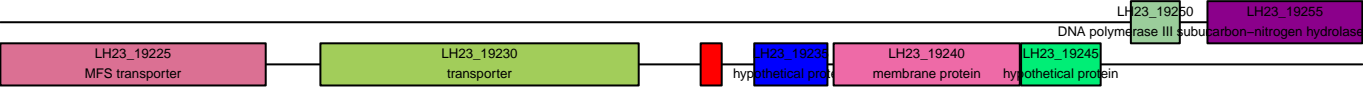


Escherichia coli O104H4 str. 2009EL-2050

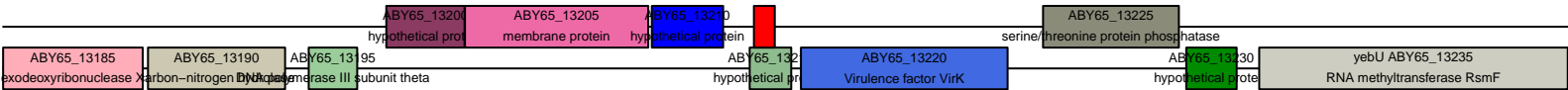




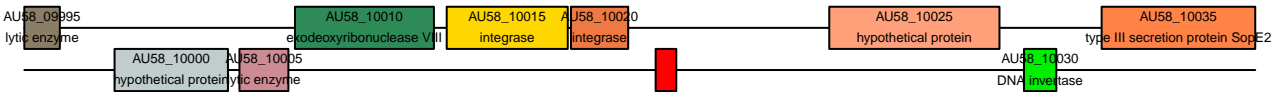




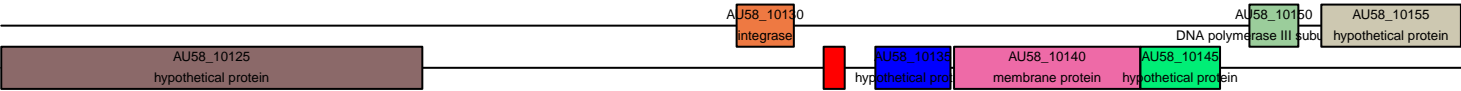
Cedecia neteri strain M006



Enterobacter cloacae strain CAV1411



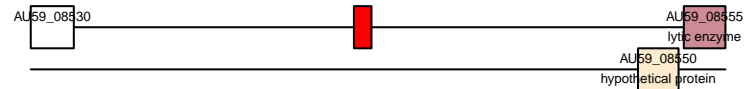
Salmonella enterica subsp. enterica serovar Enteritidis str. SA20084644



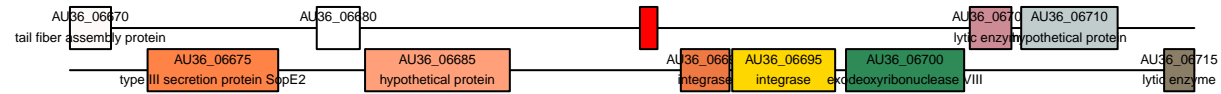
Salmonella enterica subsp. enterica serovar Enteritidis str. SA20084644



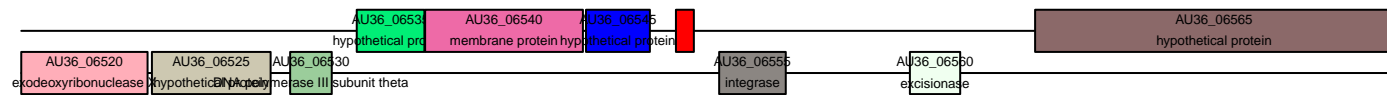
Alteromonas macleodii str. 'Aegean Sea MED64'



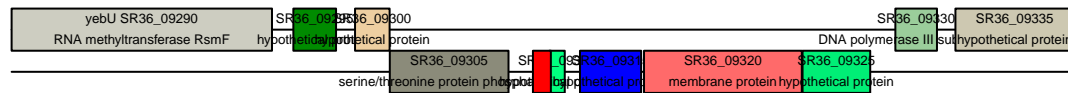
Salmonella enterica subsp. enterica serovar Enteritidis str. SA20100239 genome-p.c.VAL54.69%-taxID1412481



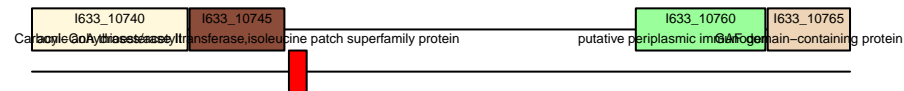
Salmonella enterica subsp. enterica serovar Enteritidis str. EC20100103



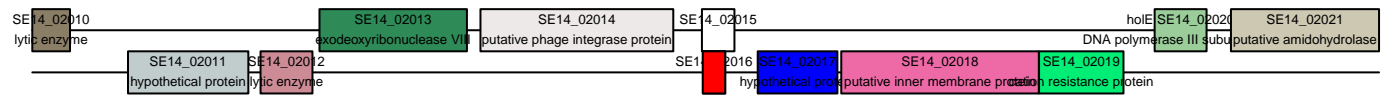
Salmonella enterica subsp. enterica serovar Enteritidis str. EC20100103



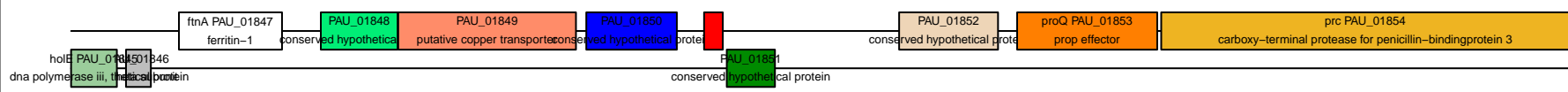
Escherichia coli strain BL21 (TaKaRa)



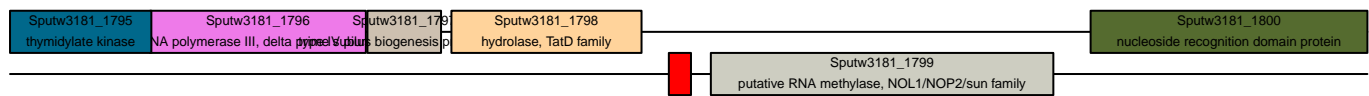
Alteromonas macleodii str. 'English Channel 615'



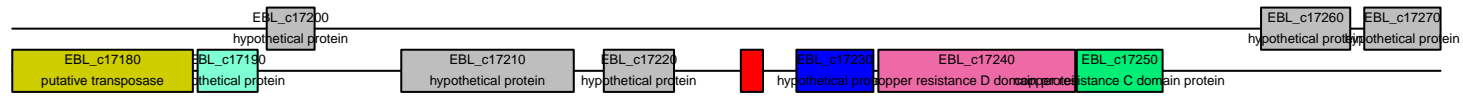
Salmonella enterica subsp. enterica strain YU39



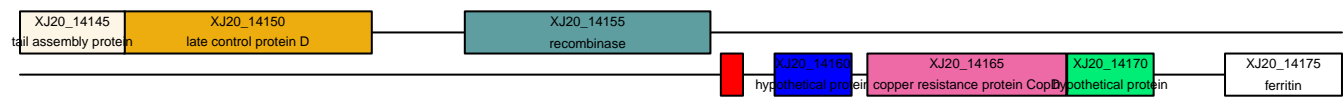
Photorhabdus asymbiotica ATCC43949 -p.c.VAL66.67%-taxID291112|RFAM\_PROOFED\_NEW



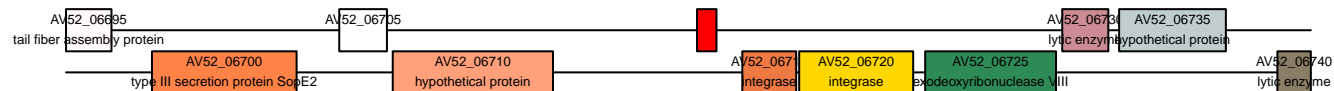
Shewanella sp. W3-18-1



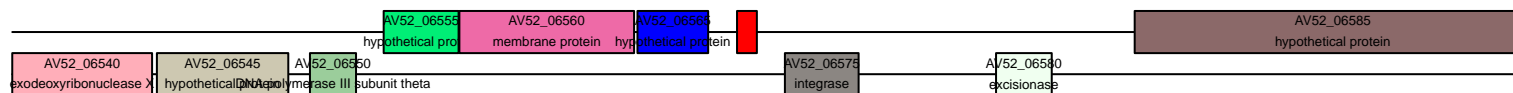
Shmwellia blattae DSM 4481 = NBRC 105725



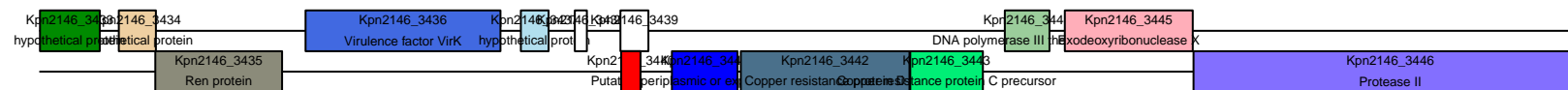
Serratia liquefaciens strain HUMV-21



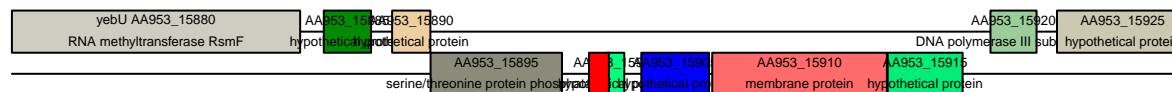
Salmonella enterica subsp. enterica serovar Enteritidis str. EC20122033 genome-p.c.VAL54.69%-taxID1412574



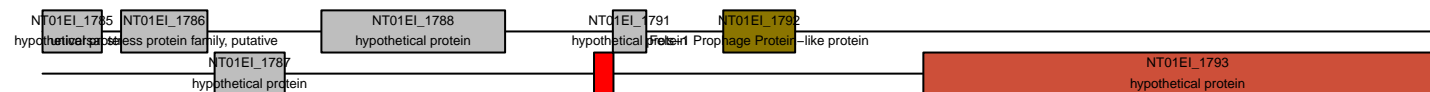
Salmonella enterica subsp. enterica serovar Enteritidis str. EC20122033 genome-p.c.VAL98.02%-taxID1412574



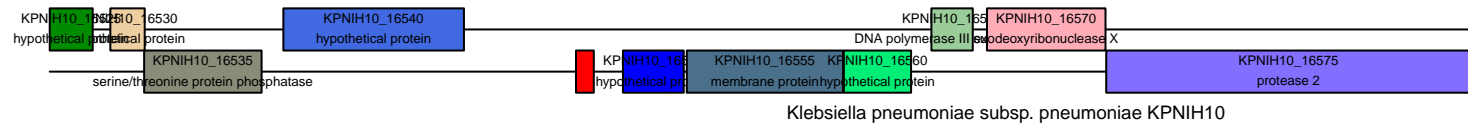
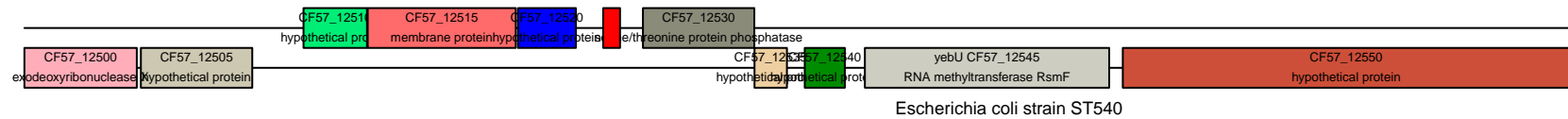
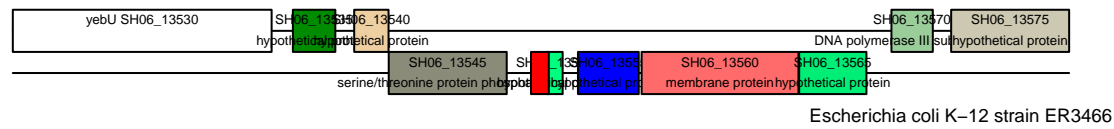
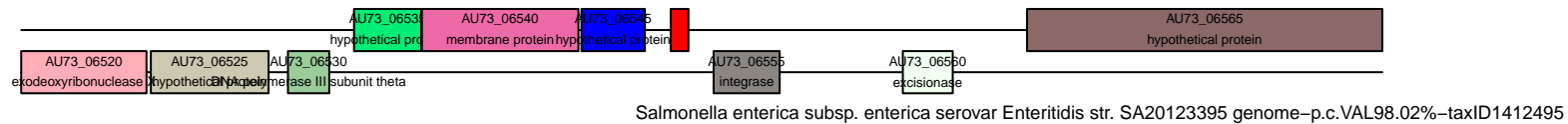
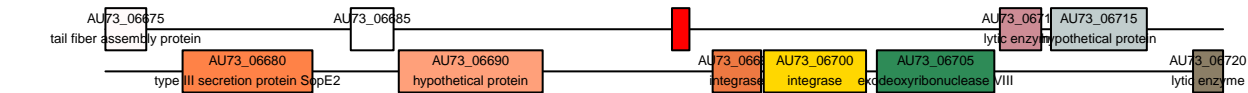
Klebsiella pneumoniae ATCC BAA-2146

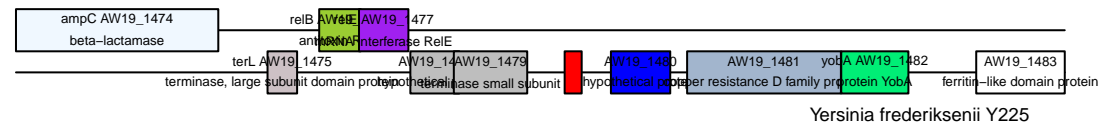


Escherichia coli strain NCM3722

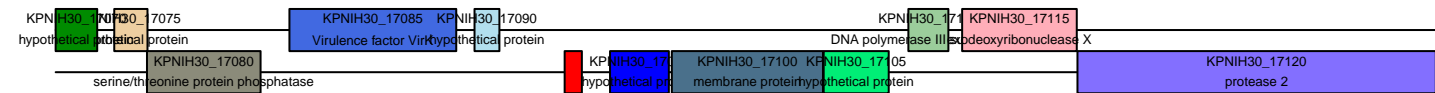


Edwardsiella ictaluri 93-146

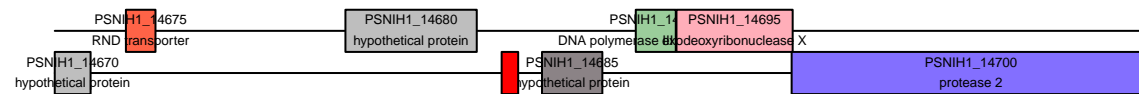




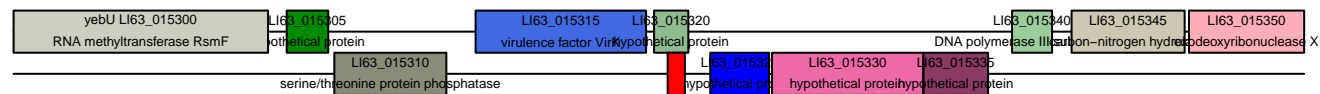
*Yersinia frederiksenii* Y225



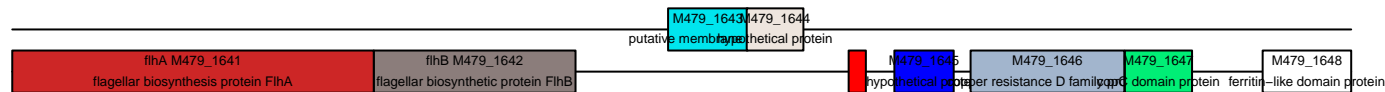
*Klebsiella pneumoniae* subsp. *pneumoniae* strain KPNIH30



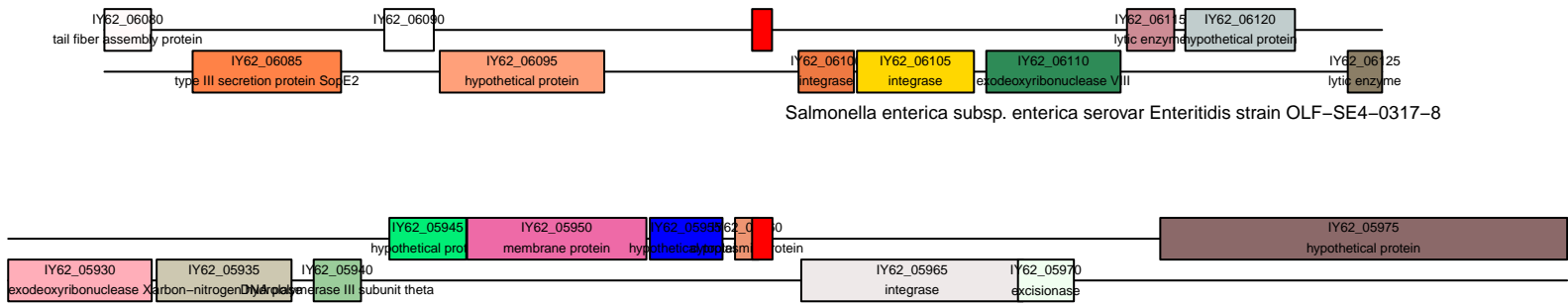
*Pantoea* sp. PSNIH1



*Enterobacter cloacae* strain 34978

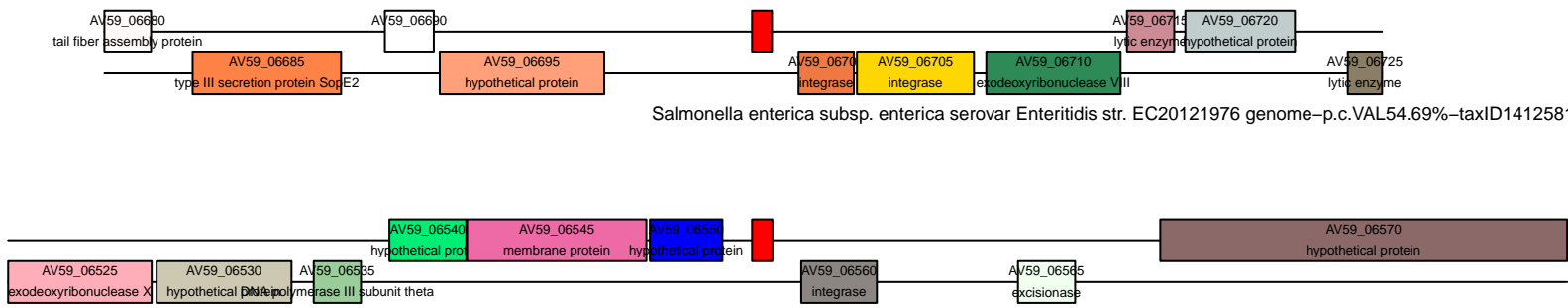


*Yersinia pestis* 1412



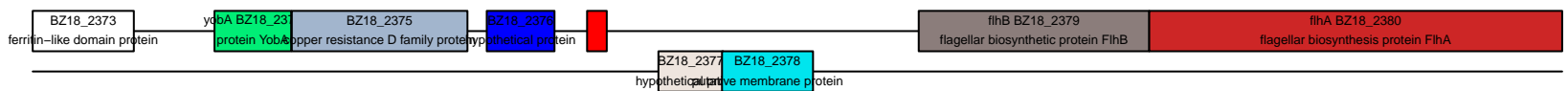
Salmonella enterica subsp. enterica serovar Enteritidis strain OLF-SE4-0317-8

Salmonella enterica subsp. enterica serovar Enteritidis strain OLF-SE4-0317-8



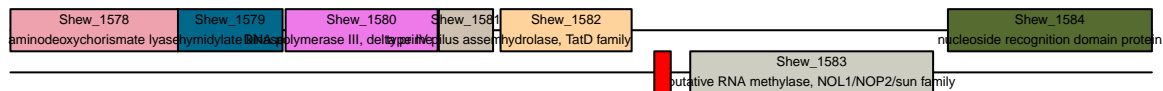
Salmonella enterica subsp. enterica serovar Enteritidis str. EC20121976 genome-p.c.VAL54.69%-taxID1412581

Salmonella enterica subsp. enterica serovar Enteritidis str. EC20121976 genome-p.c.VAL98.02%-taxID1412581

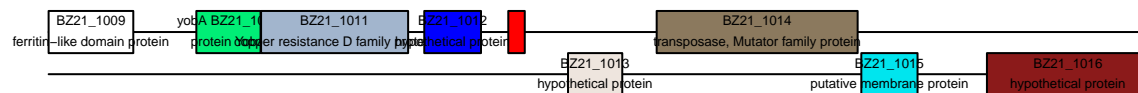


Yersinia pestis Pestoides F

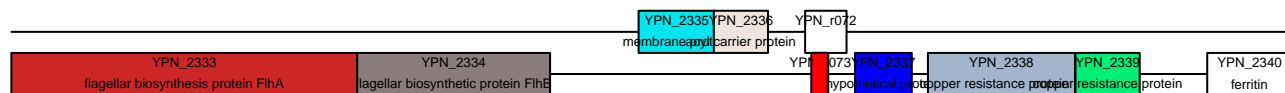




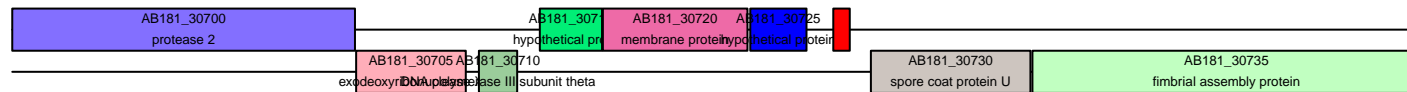
Shewanella loihica PV-4



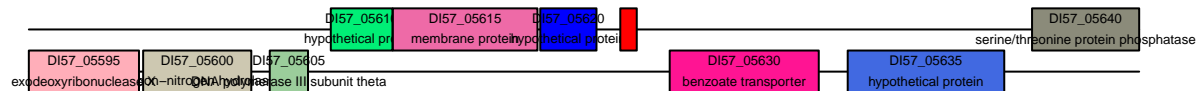
Yersinia pseudotuberculosis strain MD67



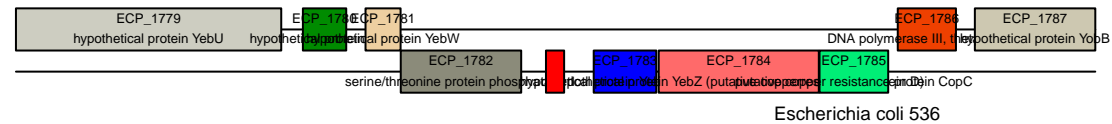
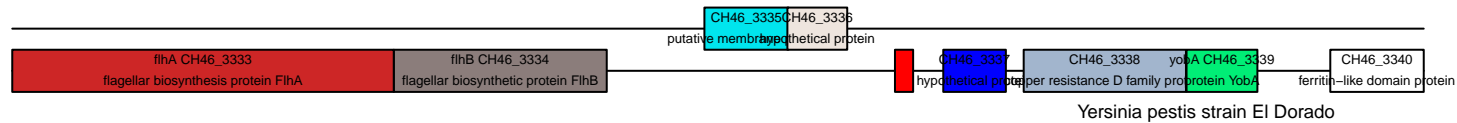
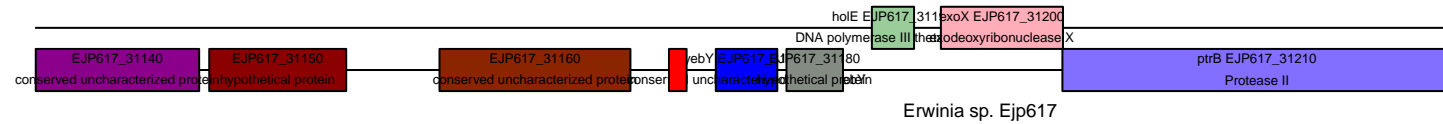
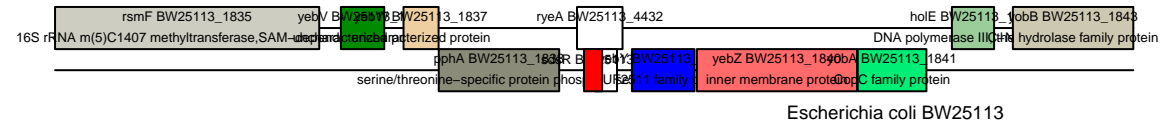
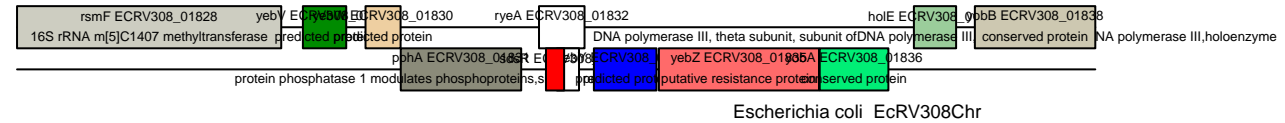
Yersinia pestis Nepal516

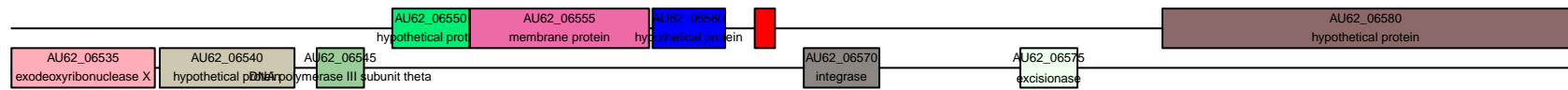


Klebsiella oxytoca strain CAV1335

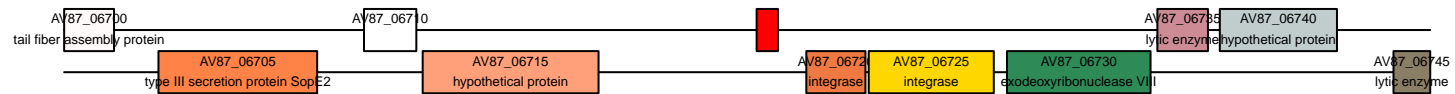


Enterobacter asburiae L1

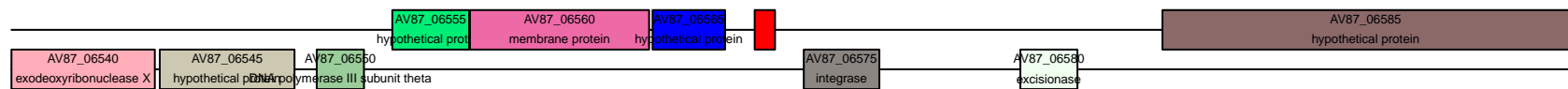




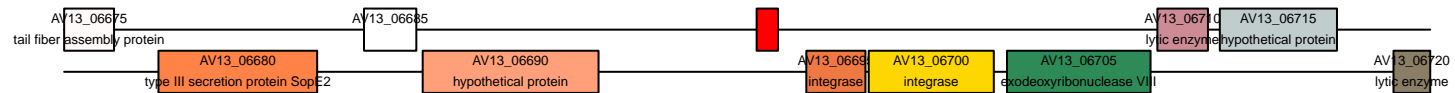
Salmonella enterica subsp. enterica serovar Enteritidis str. SA20094521 genome-p.c.VAL98.02%-taxID1412484



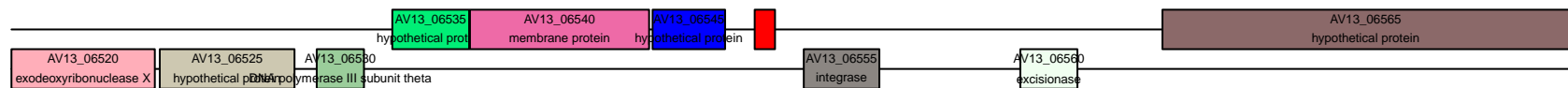
Salmonella enterica subsp. enterica serovar Enteritidis str. EC20120734 genome-p.c.VAL54.69%-taxID1412609



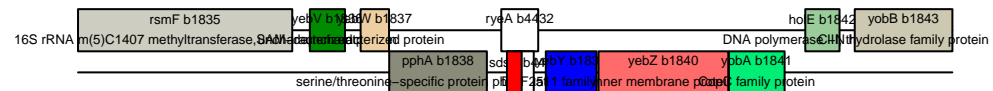
Salmonella enterica subsp. enterica serovar Enteritidis str. EC20120734 genome-p.c.VAL98.02%-taxID1412609



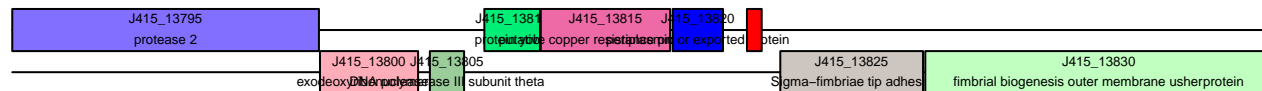
Salmonella enterica subsp. enterica serovar Enteritidis str. EC20111576 genome-p.c.VAL54.69%-taxID1412535



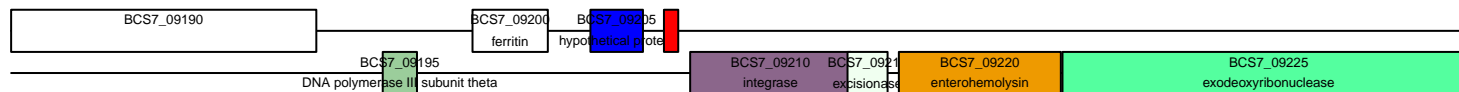
Salmonella enterica subsp. enterica serovar Enteritidis str. EC20111576 genome-p.c.VAL98.02%-taxID1412535



Escherichia coli str. K-12 substr. MG1655



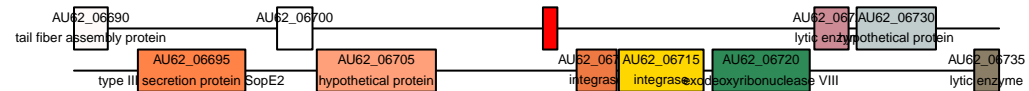
Klebsiella oxytoca HKOPL1



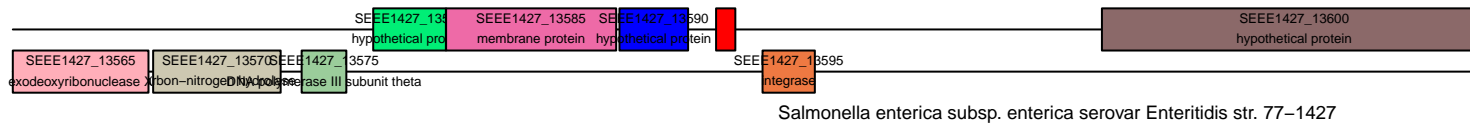
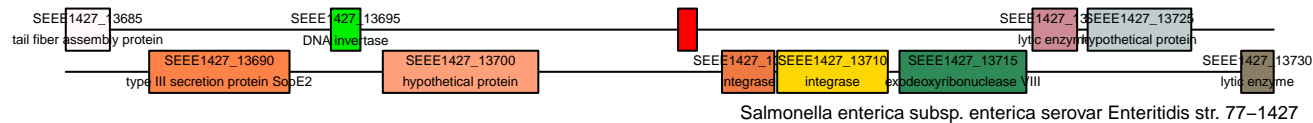
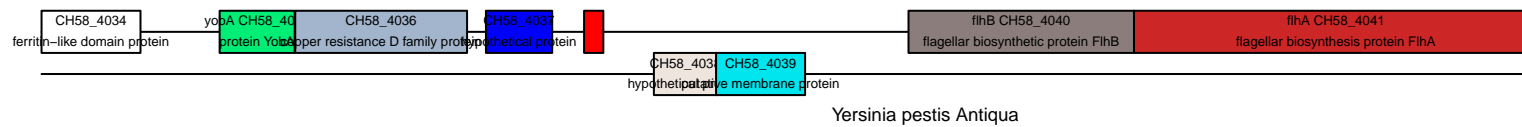
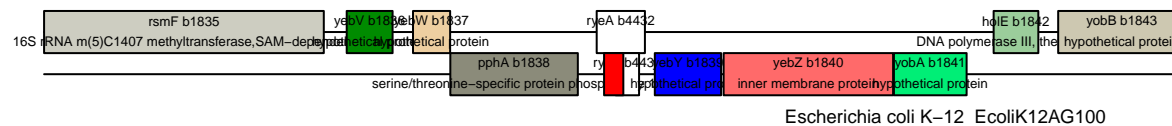
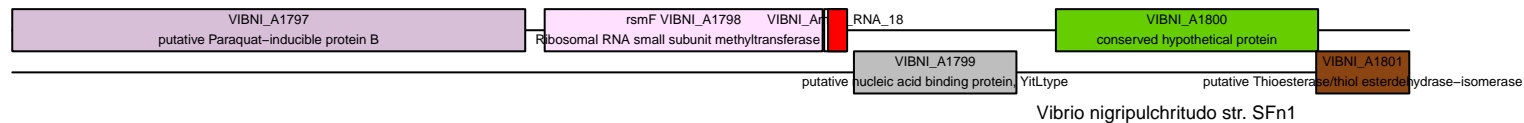
Pectobacterium carotovorum subsp. odoriferum strain BC S7

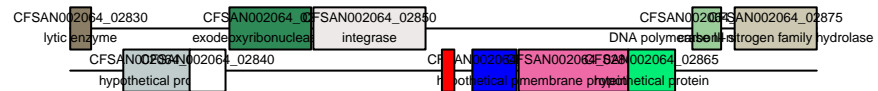
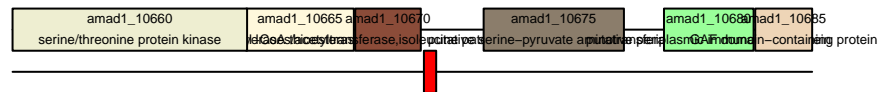
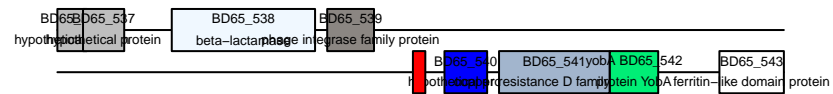


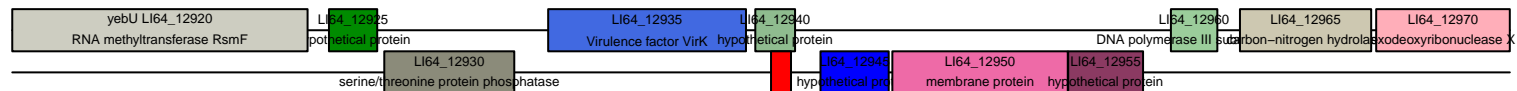
Enterobacter cloacae subsp. cloacae ENHKU01



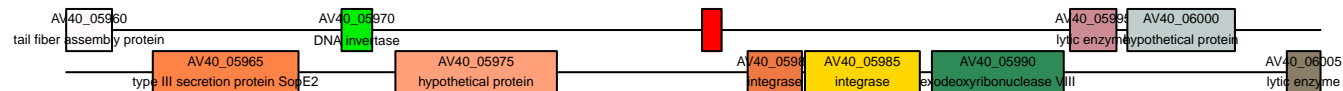
Salmonella enterica subsp. enterica serovar Enteritidis str. SA20094521 genome-p.c.VAL54.69%-taxID1412484



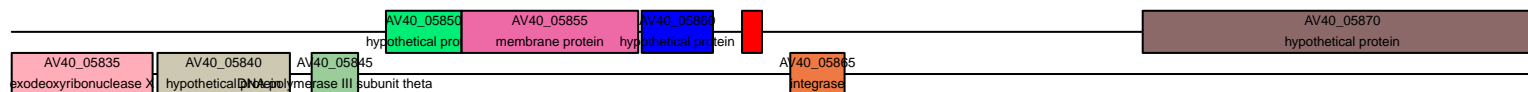




*Enterobacter cloacae* strain 34983



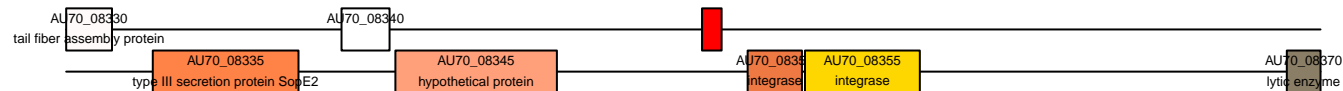
*Salmonella enterica* subsp. *enterica* serovar Enteritidis str. EC20121747 genome-p.c.VAL54.69%-taxID1412562



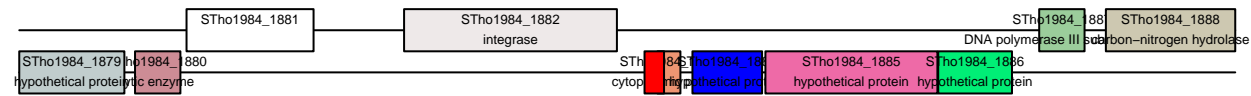
*Salmonella enterica* subsp. *enterica* serovar Enteritidis str. EC20121747 genome-p.c.VAL98.02%-taxID1412562



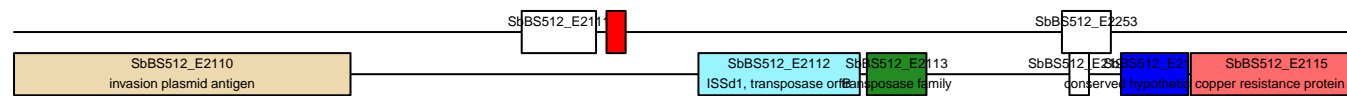
*Klebsiella variicola* strain HKUOPLA



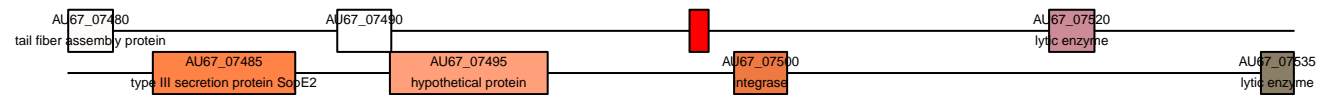
*Salmonella enterica* subsp. *enterica* serovar Enteritidis str. SA20095440 genome-p.c.VAL54.69%-taxID1412492



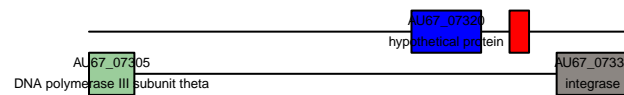
*Salmonella enterica* subsp. *enterica* serovar Thompson strain RM1984



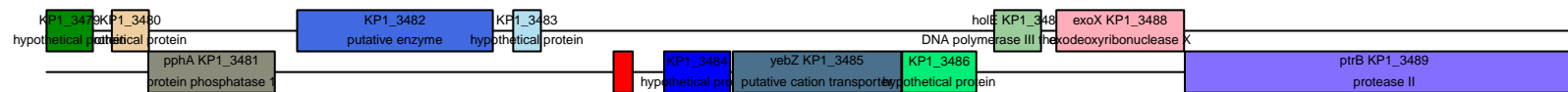
*Shigella boydii* CDC 3083-94



*Salmonella enterica* subsp. *enterica* serovar Enteritidis str. SA20085285 genome-p.c.VAL54.69%-taxID1412489

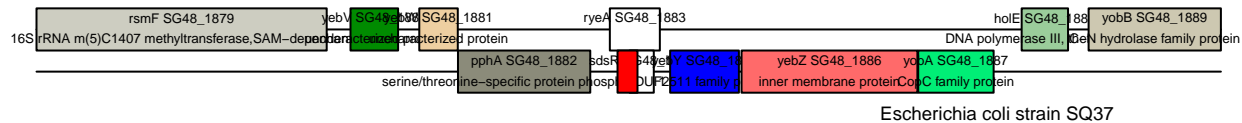
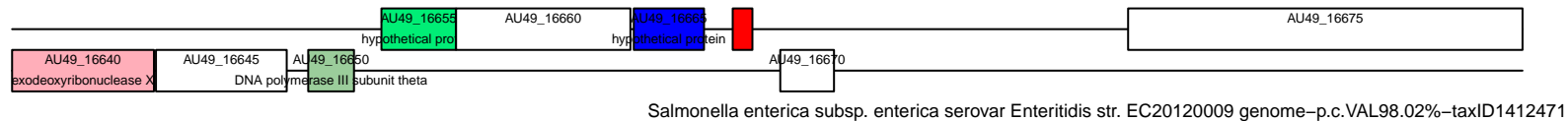
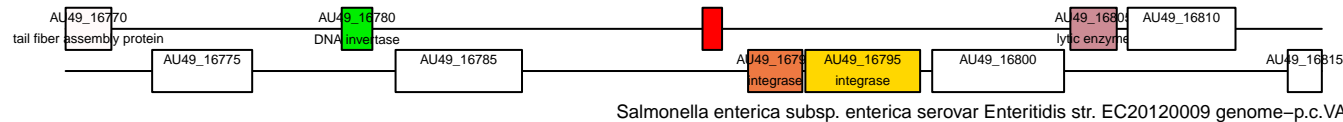
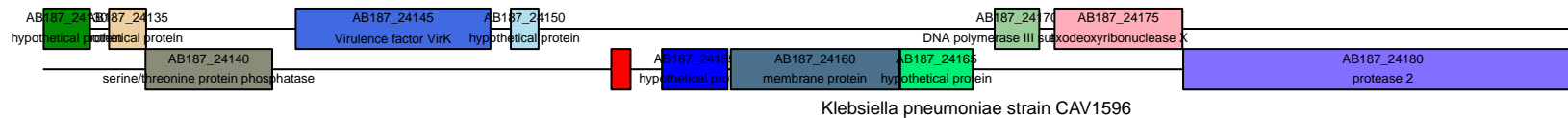
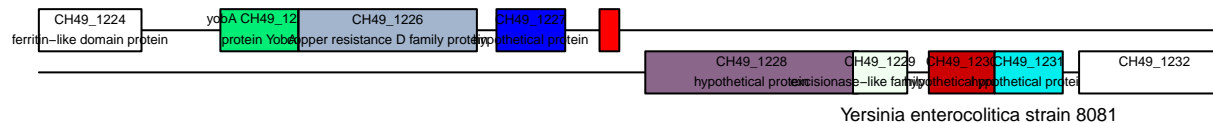


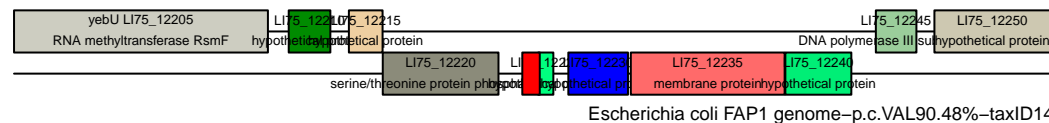
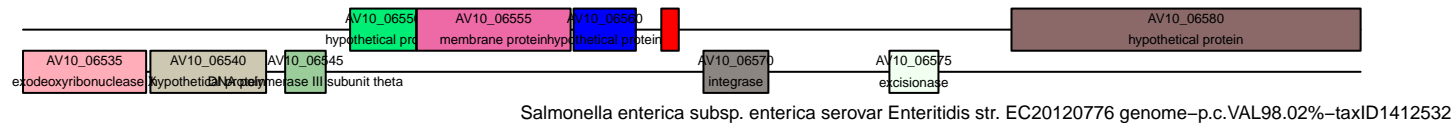
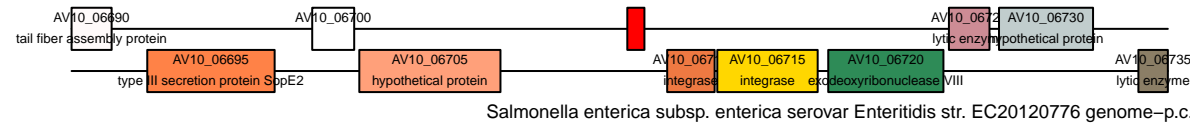
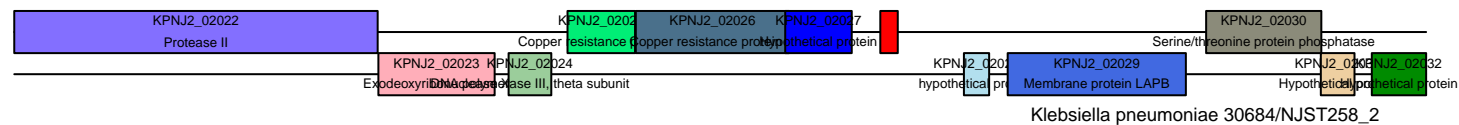
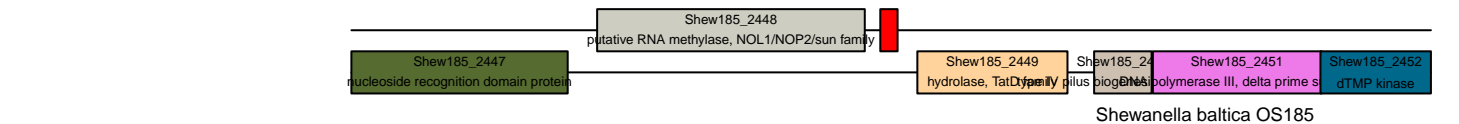
*Salmonella enterica* subsp. *enterica* serovar Enteritidis str. SA20085285 genome-p.c.VAL98.02%-taxID1412489

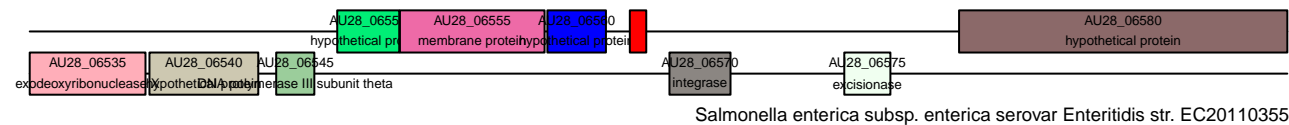
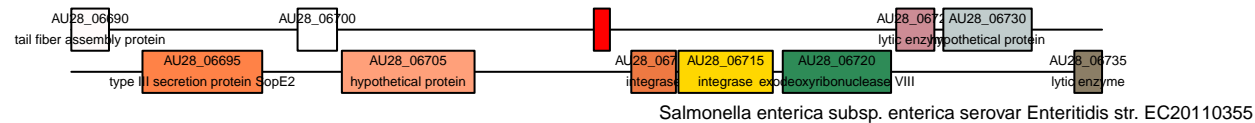
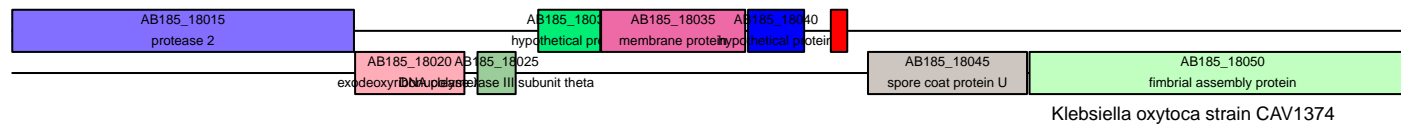
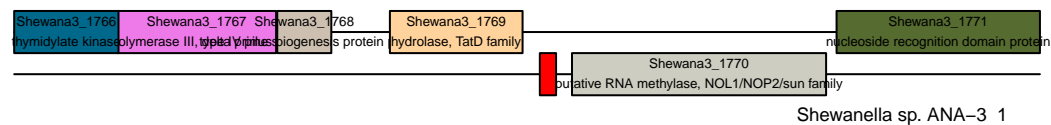
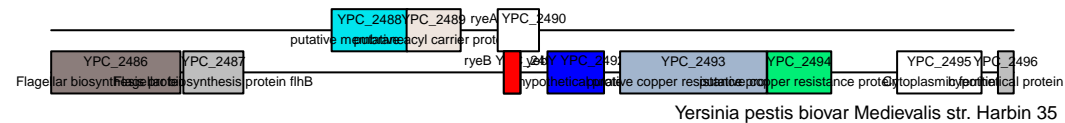


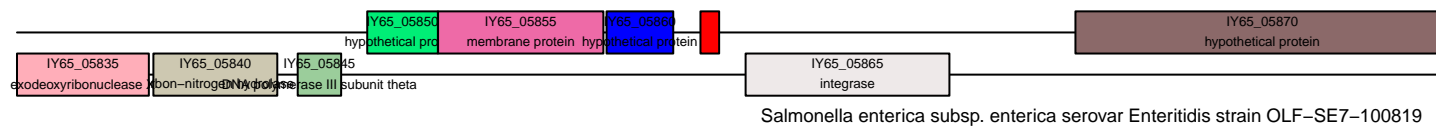
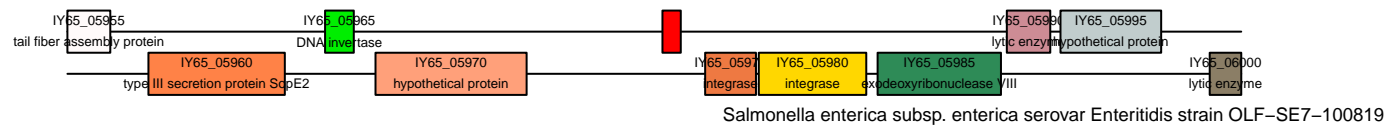
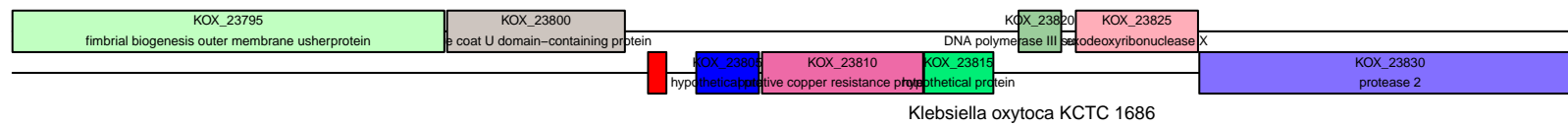
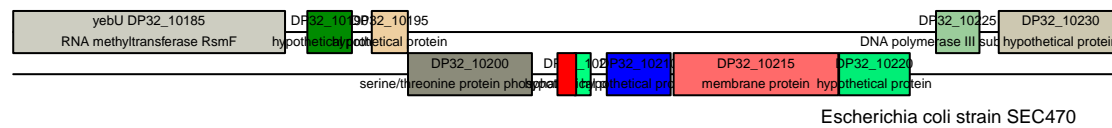
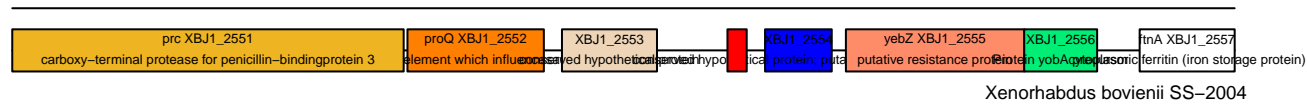
*Klebsiella pneumoniae* subsp. *pneumoniae* NTUH-K2044 DNA





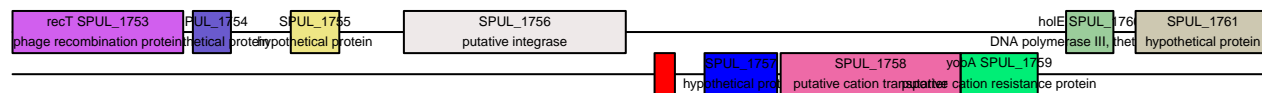




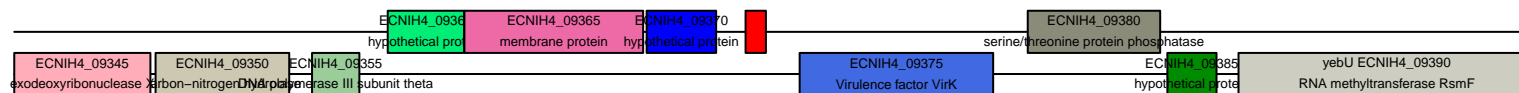




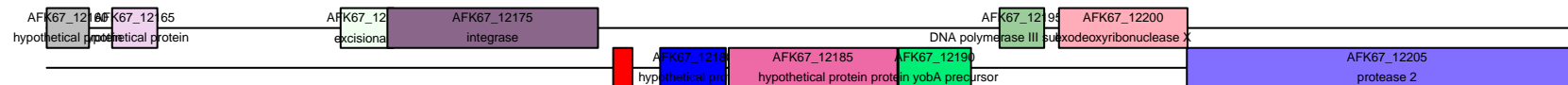
Salmonella enterica subsp. enterica serovar Gallinarum/pullorum str. RKS5078



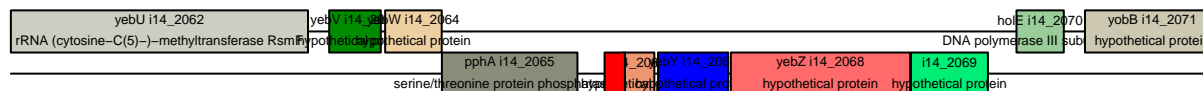
Salmonella enterica subsp. enterica serovar Gallinarum/pullorum str. RKS5078



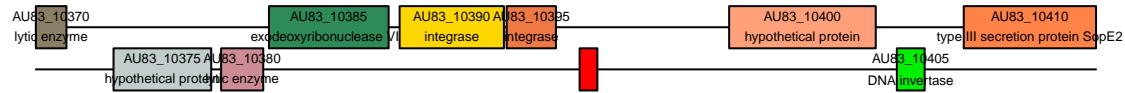
Enterobacter cloacae strain ECNIH4



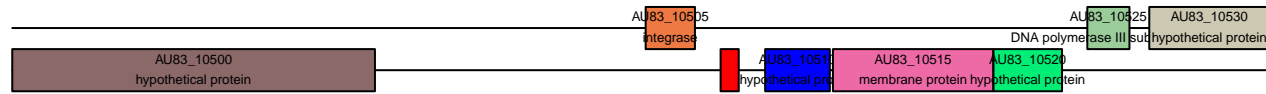
Cronobacter dublinensis subsp. dublinensis LMG 23823



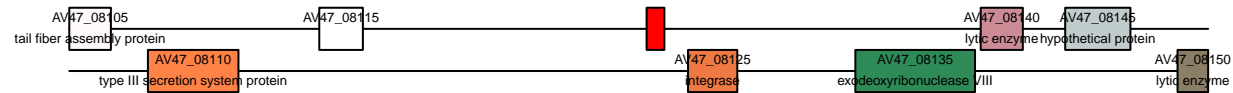
Escherichia coli str. 'clone D i14'



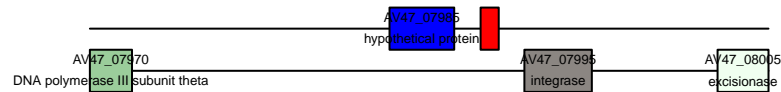
*Salmonella enterica* subsp. *enterica* serovar *Enteritidis* str. SA20094301



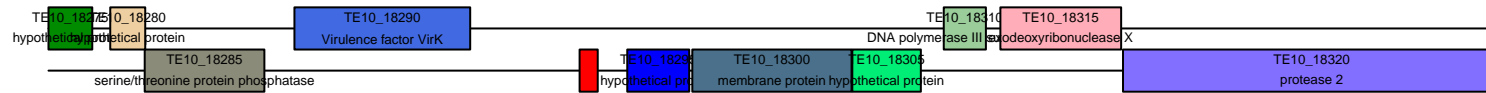
*Salmonella enterica* subsp. *enterica* serovar *Enteritidis* str. SA20094301



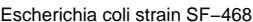
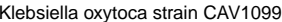
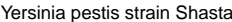
*Salmonella enterica* subsp. *enterica* serovar *Enteritidis* str. EC20120994 genome-p.c.VAL54.69%-taxID1412569

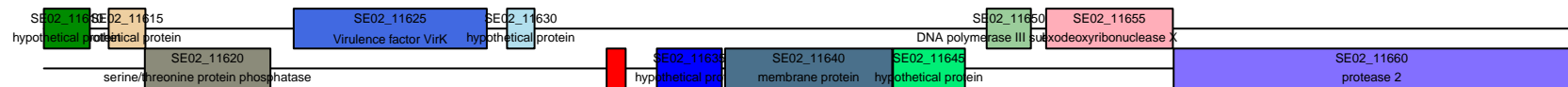


*Salmonella enterica* subsp. *enterica* serovar *Enteritidis* str. EC20120994 genome-p.c.VAL98.02%-taxID1412569

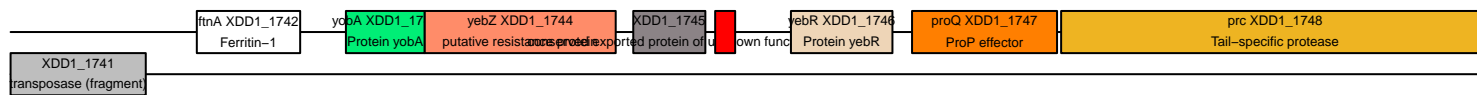


*Raoultella ornithinolytica* strain S12

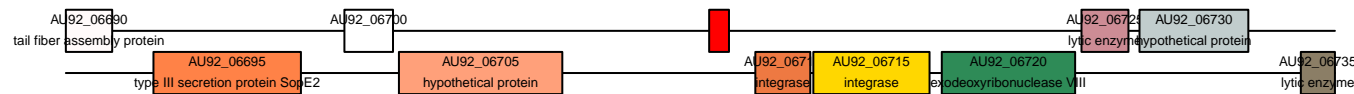




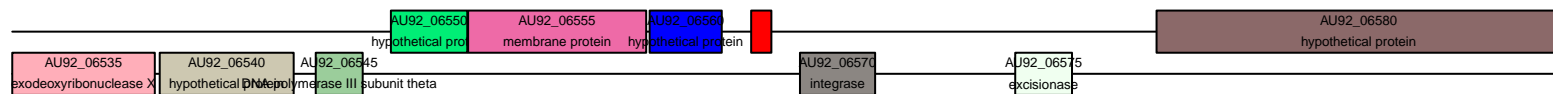
*Klebsiella pneumoniae* strain yzusk-4 genome-p.c.VAL96.08%-taxID573



*Xenorhabdus doucetiae* str. FRM16



*Salmonella enterica* subsp. *enterica* serovar Enteritidis str. SA20093421 genome-p.c.VAL54.69%-taxID1412514

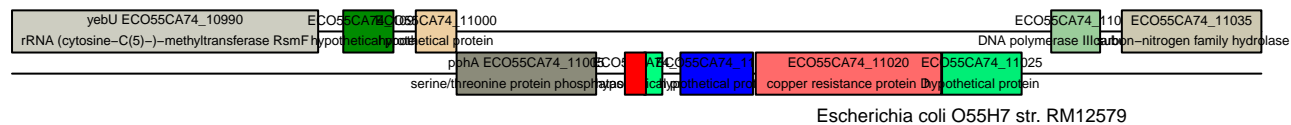
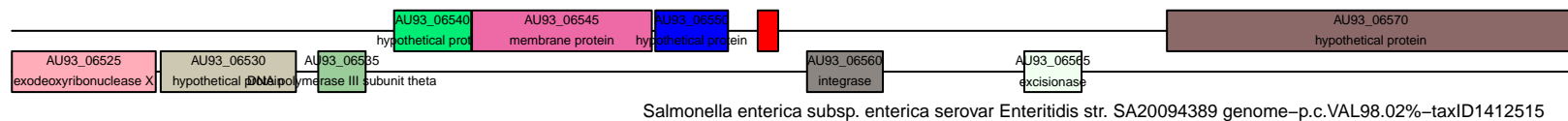
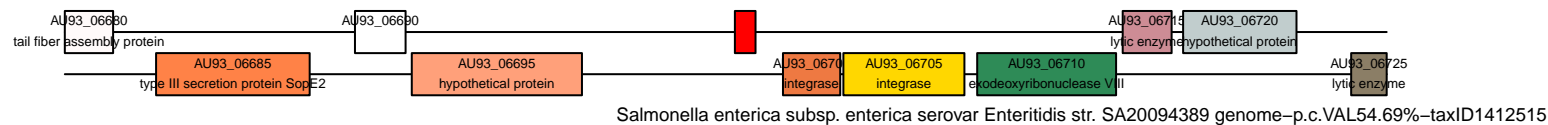
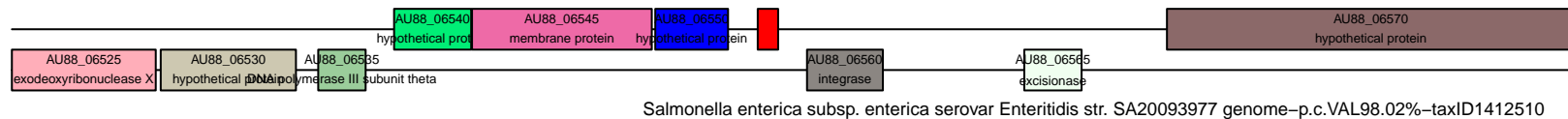


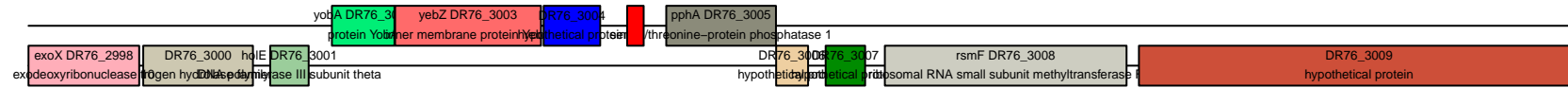
*Salmonella enterica* subsp. *enterica* serovar Enteritidis str. SA20093421 genome-p.c.VAL98.02%-taxID1412514



*Escherichia coli* LY180







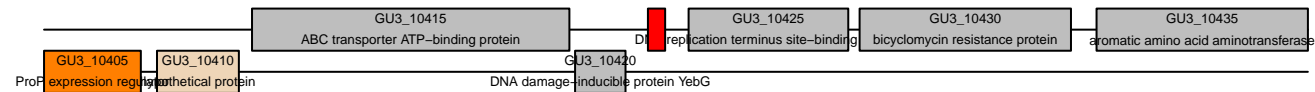
Escherichia coli ATCC 25922



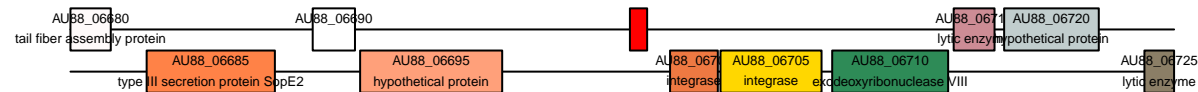
Escherichia coli CFT073



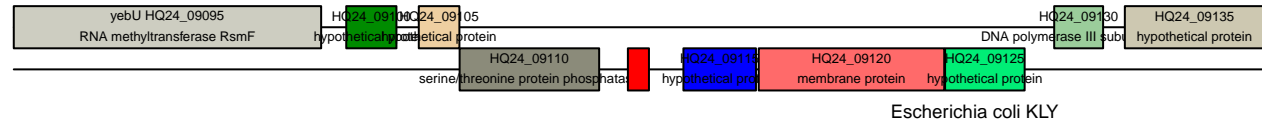
Escherichia coli O103H2 str. 12009 DNA



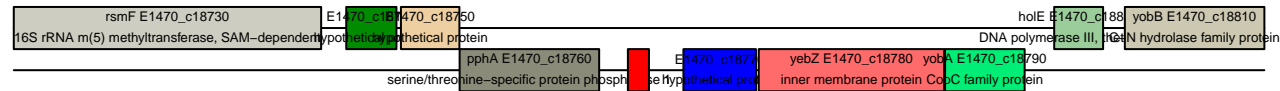
Oceanimonas sp. GK1



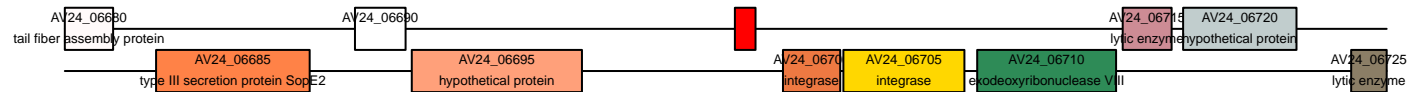
Salmonella enterica subsp. enterica serovar Enteritidis str. SA20093977 genome-p.c.VAL54.69%-taxID1412510



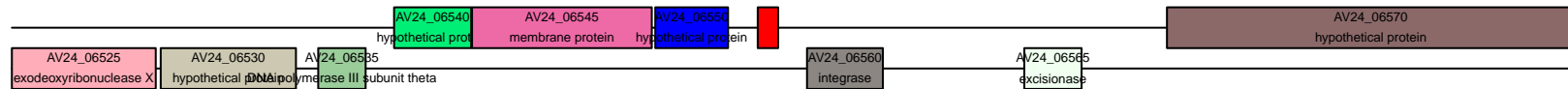
Escherichia coli KLY



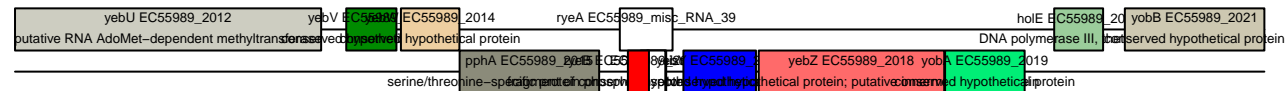
Escherichia coli ECC-1470



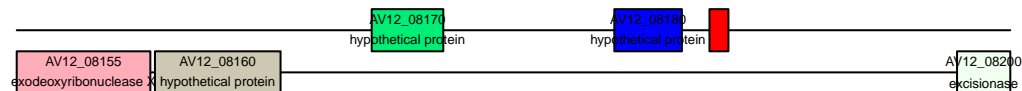
Salmonella enterica subsp. enterica serovar Enteritidis str. EC20120240 genome-p.c.VAL54.69%-taxID1412546



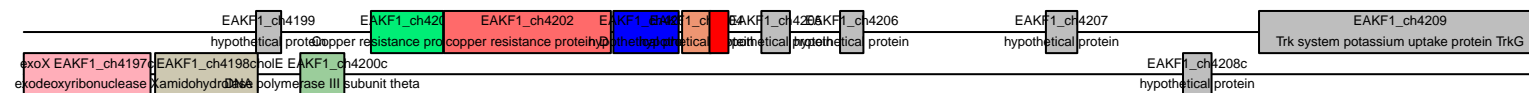
Salmonella enterica subsp. enterica serovar Enteritidis str. EC20120240 genome-p.c.VAL98.02%-taxID1412546



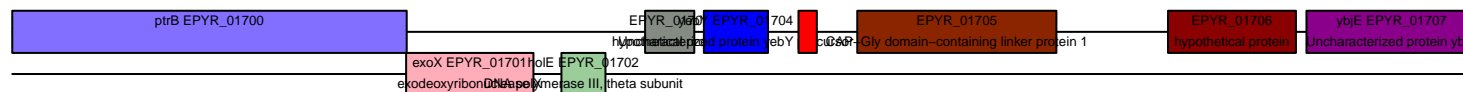
Escherichia coli 55989



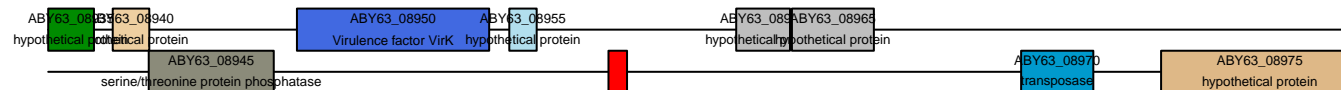
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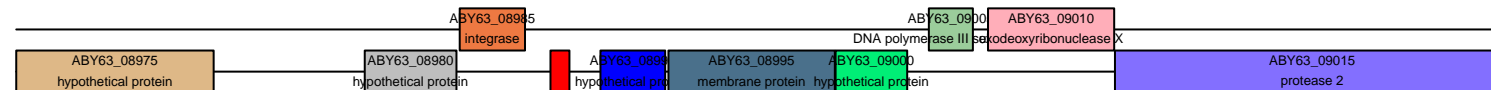
Escherichia albertii KF1



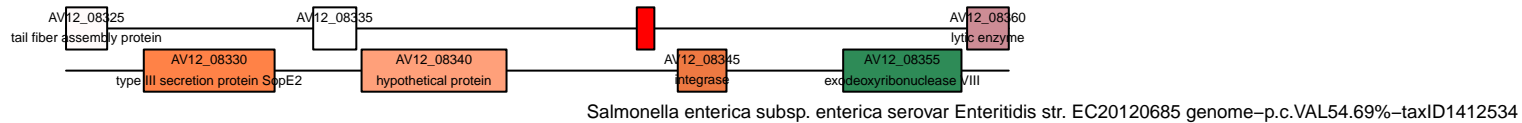
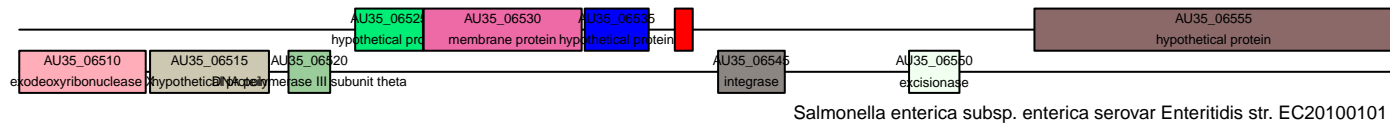
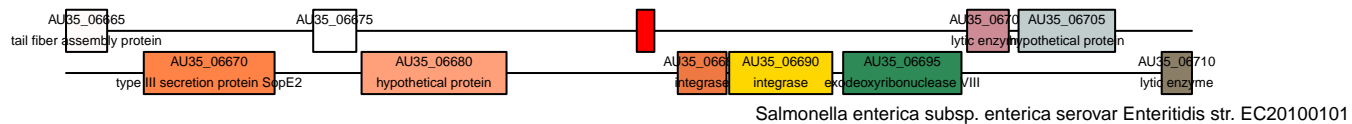
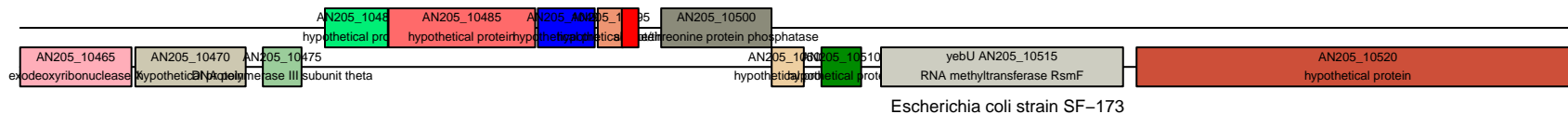
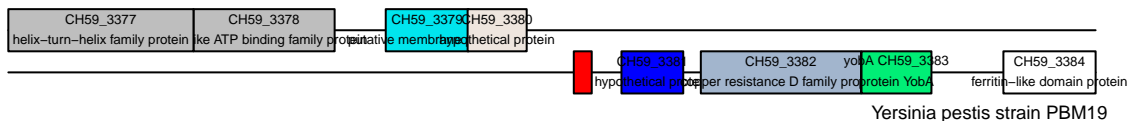
Erwinia pyrifoliae DSM 12163

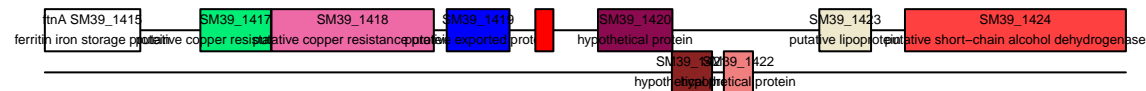


Klebsiella pneumoniae strain CAV1392

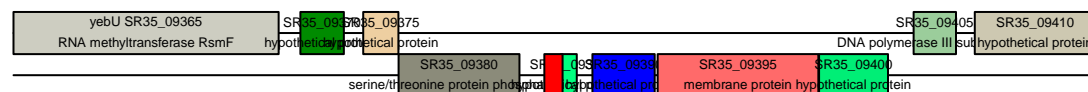


Klebsiella pneumoniae strain CAV1392

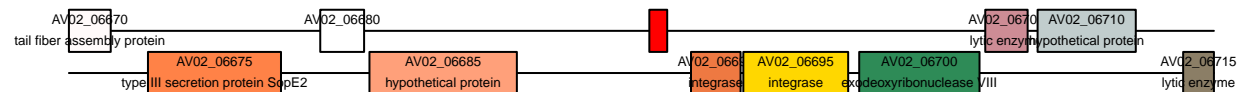




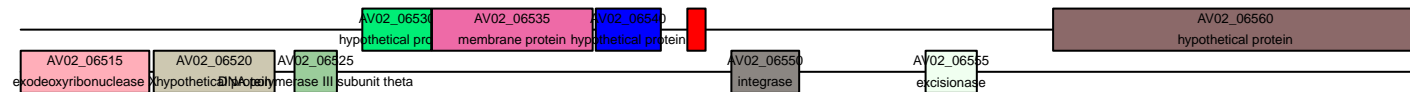
Serratia marcescens SM39 DNA



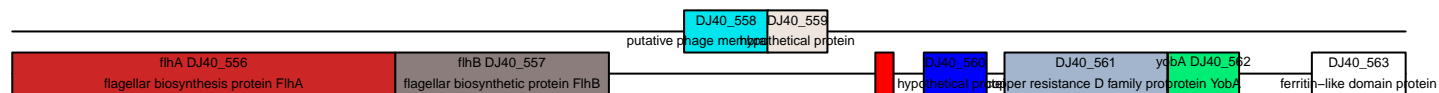
Escherichia coli strain RR1



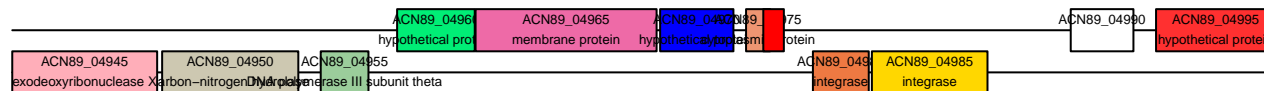
Salmonella enterica subsp. enterica serovar Enteritidis str. SA20094079 genome-p.c.VAL54.69%-taxID1412524



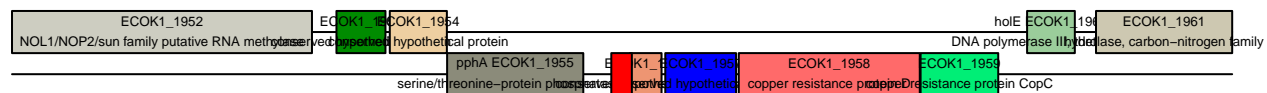
Salmonella enterica subsp. enterica serovar Enteritidis str. SA20094079 genome-p.c.VAL98.02%-taxID1412524



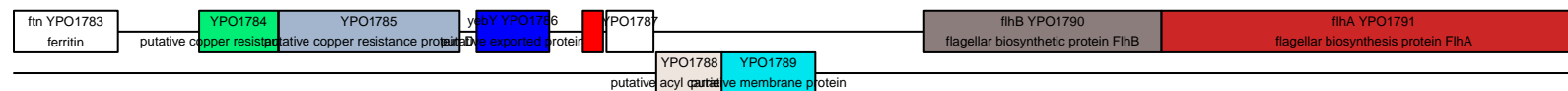
Yersinia pseudotuberculosis strain ATCC 6904



Salmonella enterica subsp. enterica serovar Paratyphi A strain CMCC50093 genome-p.c.VAL98.02%-taxID54388



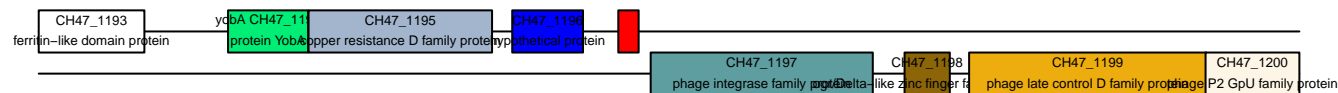
Escherichia coli IHE3034



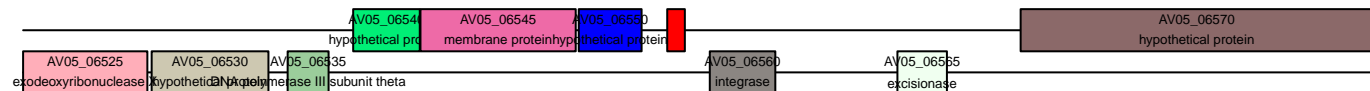
Yersinia pestis CO92 -p.c.VAL86.92%-taxID214092|RFAM\_PROOFED\_NEW



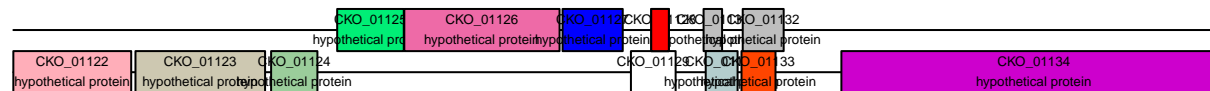
Serratia fonticola strain DSM 4576



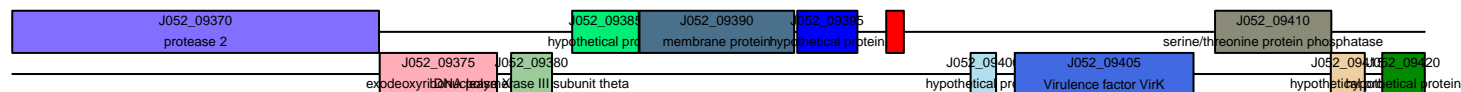
Yersinia enterocolitica strain WA



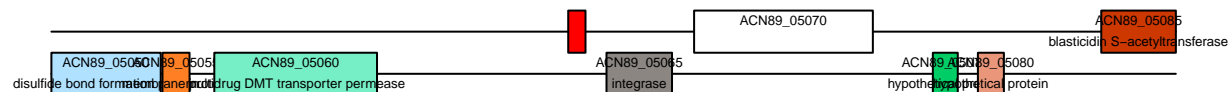
Salmonella enterica subsp. enterica serovar Enteritidis str. EC20121826 genome-p.c.VAL98.02%-taxID1412527



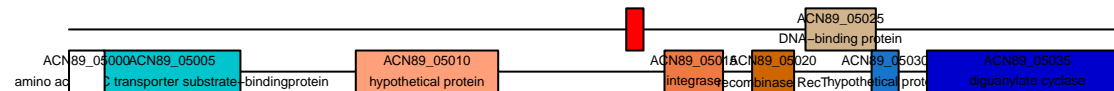
Citrobacter koseri ATCC BAA-895



Klebsiella pneumoniae 500\_1420

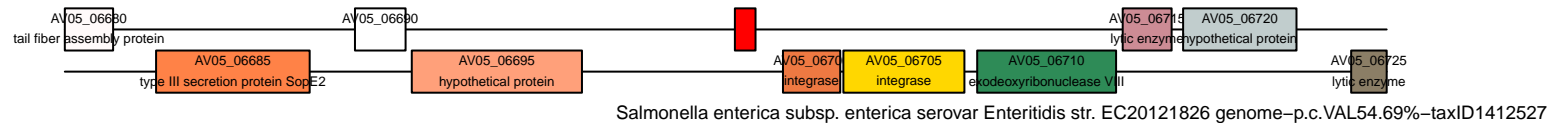
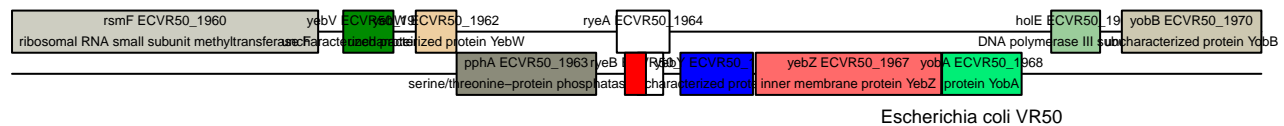
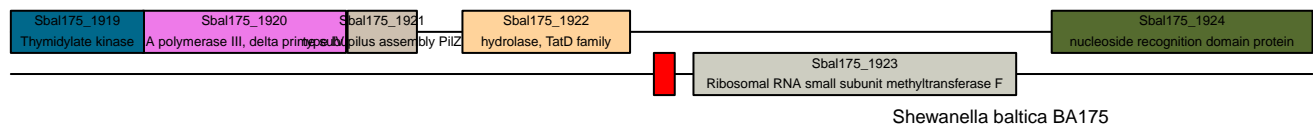
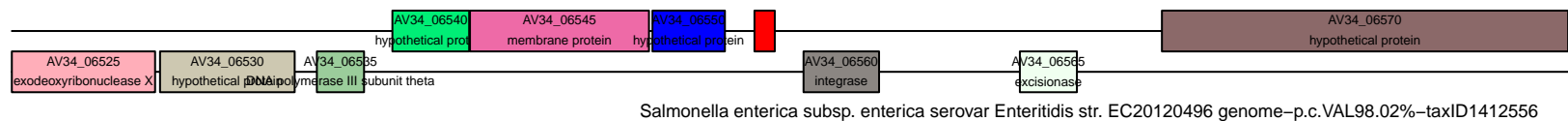
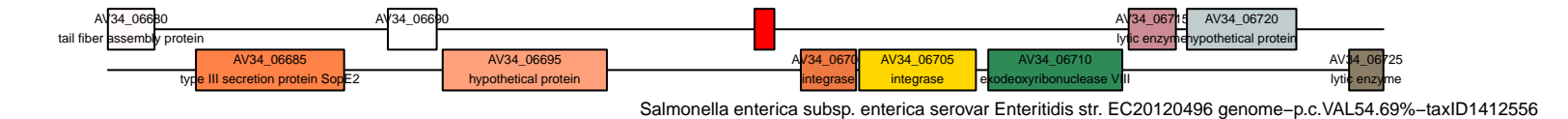


Salmonella enterica subsp. enterica serovar Paratyphi A strain CMCC50093 genome-p.c.VAL53.49%-taxID54388

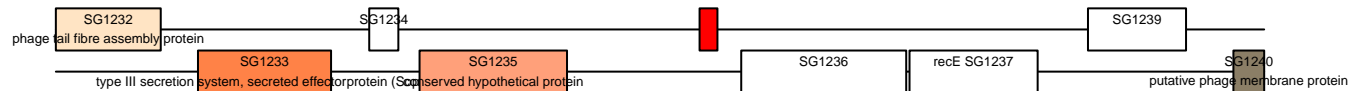
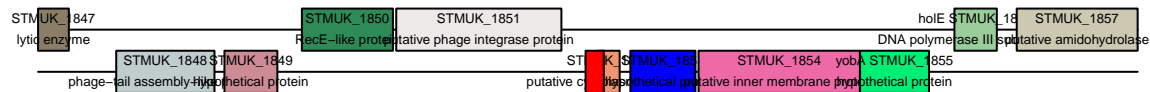
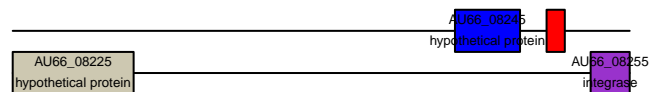
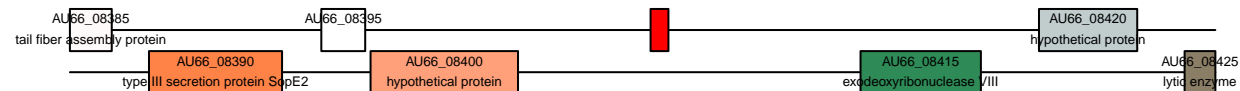
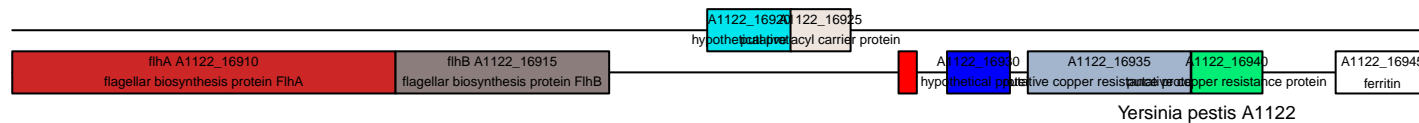


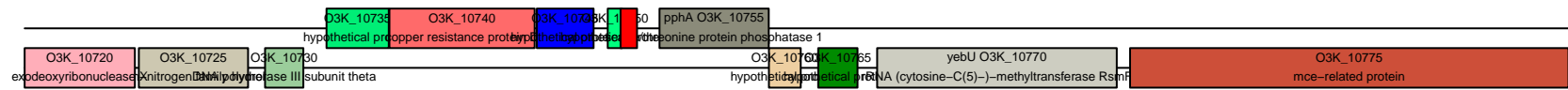
Salmonella enterica subsp. enterica serovar Paratyphi A strain CMCC50093 genome-p.c.VAL53.49%-taxID54388



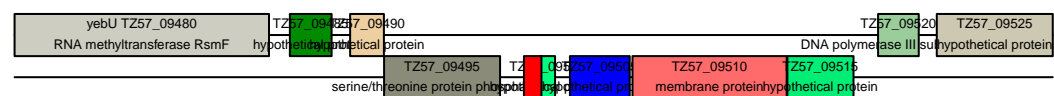




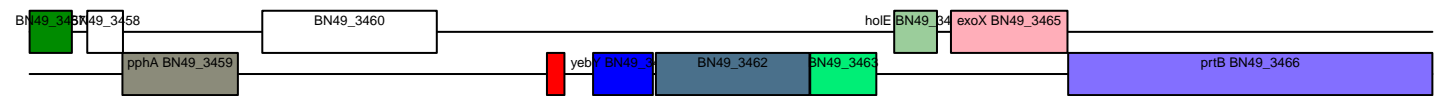




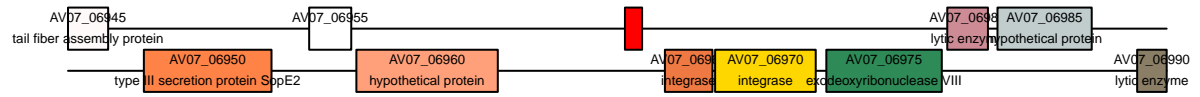
*Escherichia coli* O104H4 str. 2011C-3493



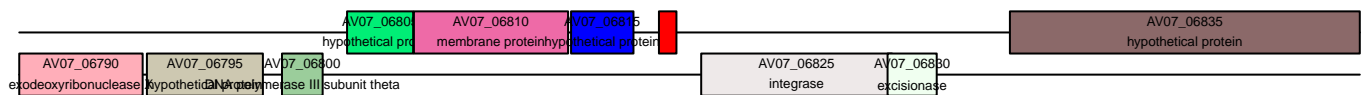
*Escherichia coli* strain C43(DE3)



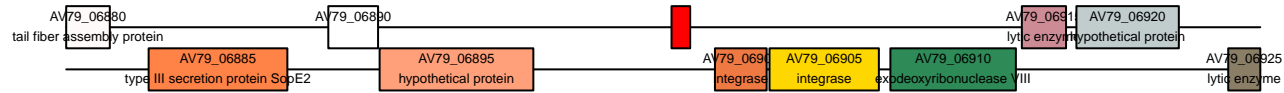
*Klebsiella pneumoniae* str. Kp52.145



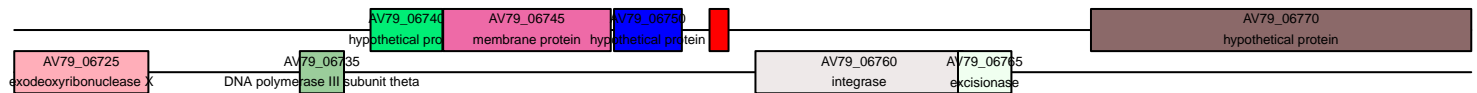
*Salmonella enterica* subsp. *enterica* serovar *Enteritidis* str. EC20120200 genome-p.c.VAL54.69%-taxID1412529



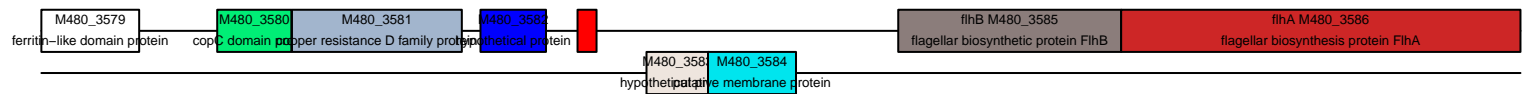
*Salmonella enterica* subsp. *enterica* serovar *Enteritidis* str. EC20120200 genome-p.c.VAL98.02%-taxID1412529



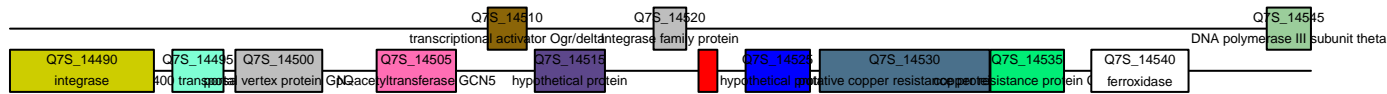
Salmonella enterica subsp. enterica serovar Enteritidis str. EC20120051 genome-p.c.VAL54.69%-taxID1412601



Salmonella enterica subsp. enterica serovar Enteritidis str. EC20120051 genome-p.c.VAL98.02%-taxID1412601



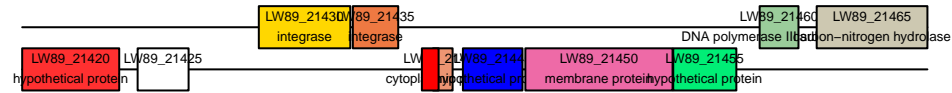
Yersinia pestis 1413



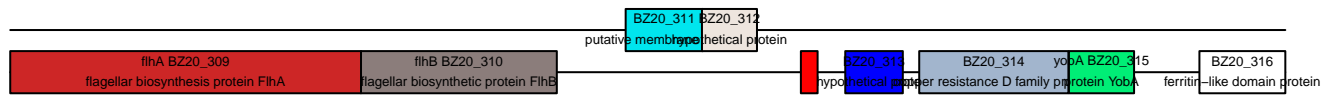
Rahnella aquatilis HX2



Erwinia amylovora ATCC 49946 chromosomal sequence-p.c.VAL68.38%-taxID716540|RFAM\_PROOFED\_NEW



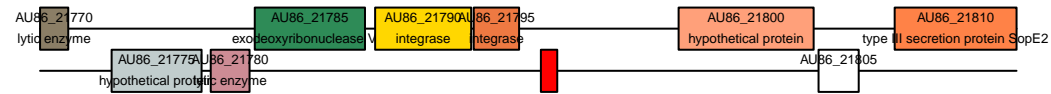
Salmonella enterica subsp. enterica serovar Paratyphi A strain CMCC 50503



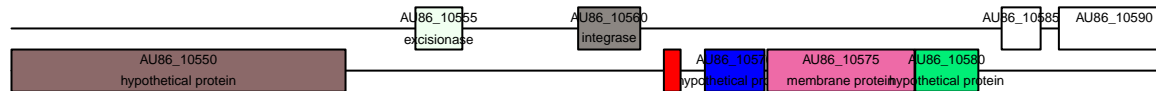
Yersinia pseudotuberculosis strain EP2/+



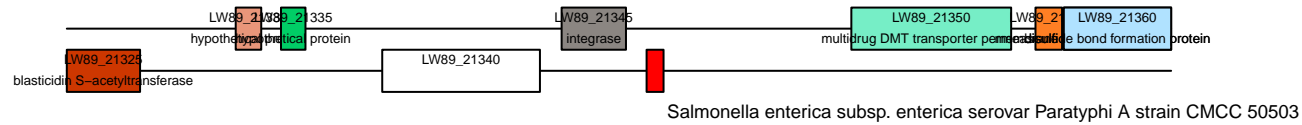
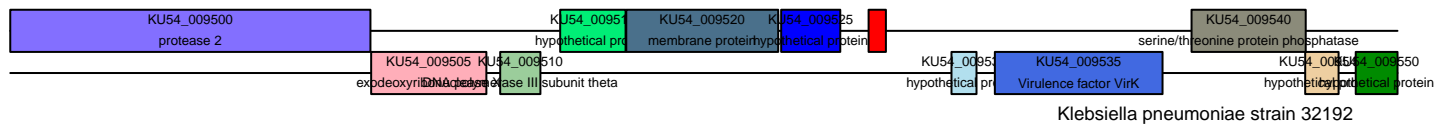
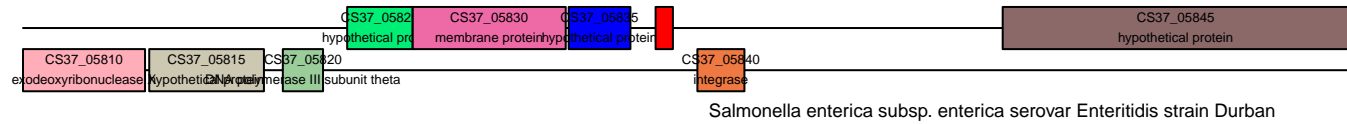
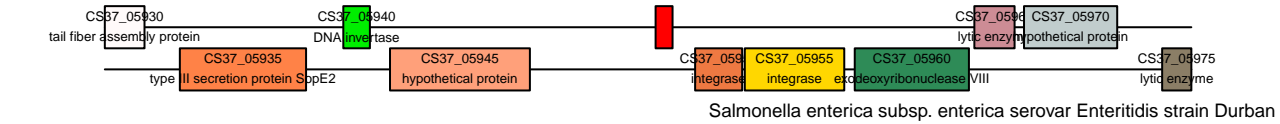
Klebsiella pneumoniae 342

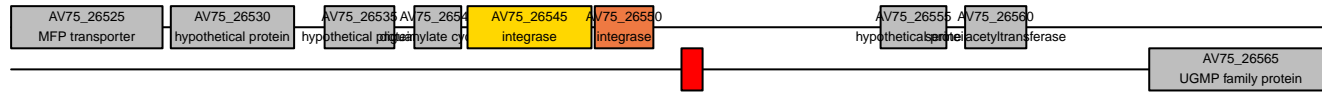


Salmonella enterica subsp. enterica serovar Enteritidis str. SA20092320 genome-p.c.VAL54.69%-taxID1412508

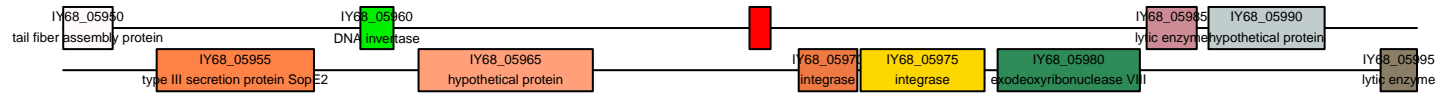


Salmonella enterica subsp. enterica serovar Enteritidis str. SA20092320 genome-p.c.VAL98.02%-taxID1412508

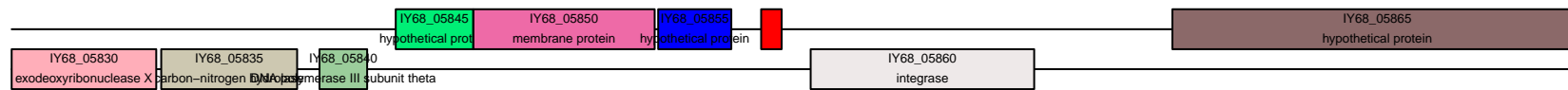




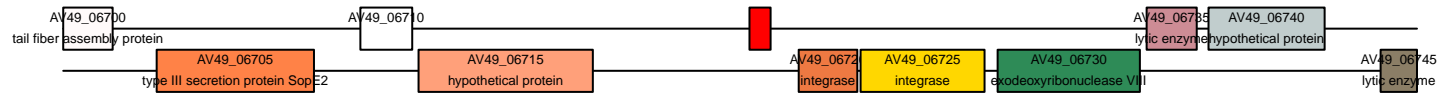
Salmonella enterica subsp. enterica serovar Enteritidis str. EC20121180



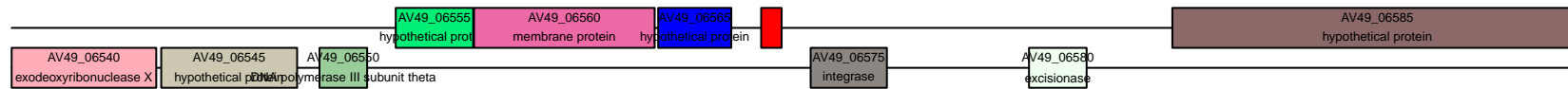
Salmonella enterica subsp. enterica serovar Enteritidis strain OLF-SE10-10052



Salmonella enterica subsp. enterica serovar Enteritidis strain OLF-SE10-10052

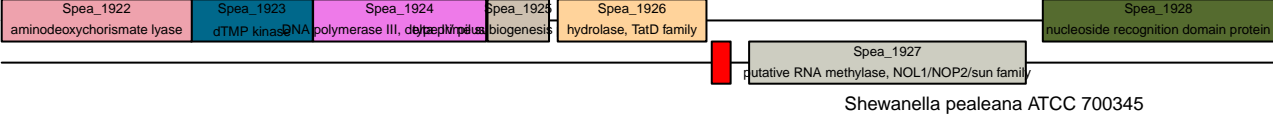
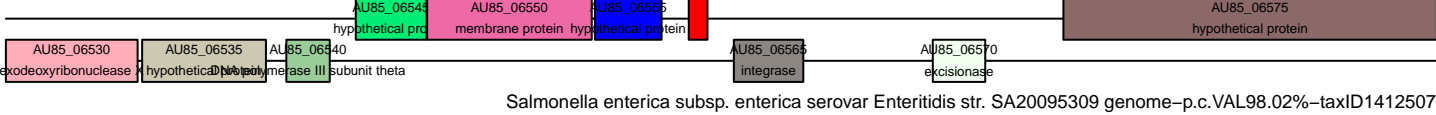
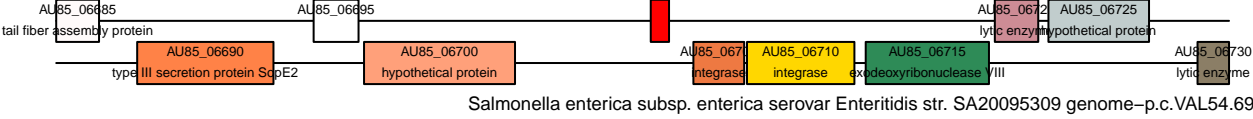
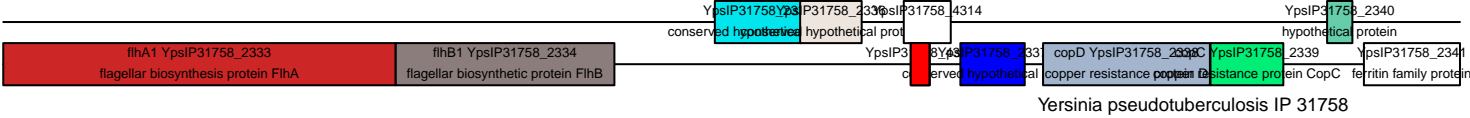
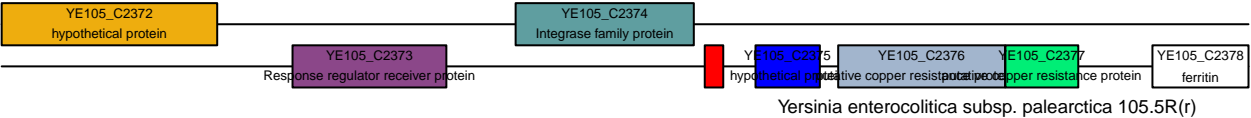


Salmonella enterica subsp. enterica serovar Enteritidis str. EC20121812 genome-p.c.VAL54.69%-taxID1412571



Salmonella enterica subsp. enterica serovar Enteritidis str. EC20121812 genome-p.c.VAL98.02%-taxID1412571

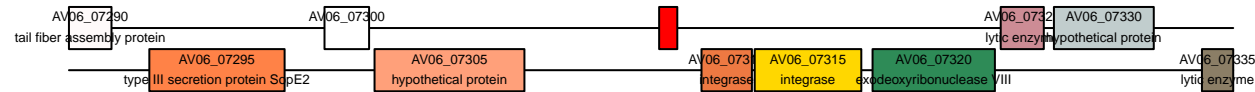




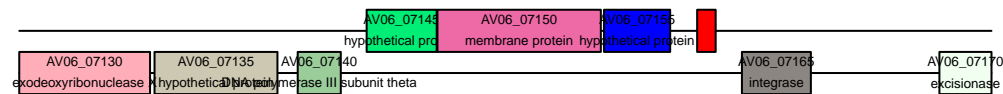




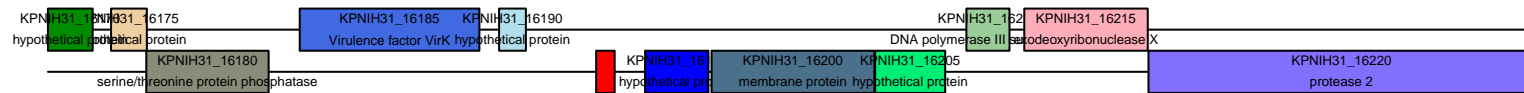
Edwardsiella tarda strain FL95-01



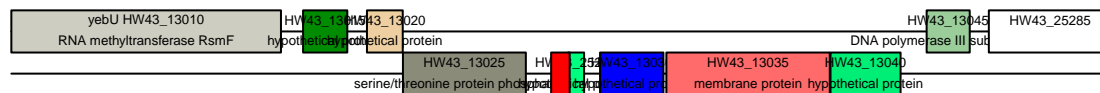
Salmonella enterica subsp. enterica serovar Enteritidis str. EC20120213 genome-p.c.VAL54.69%-taxID1412528



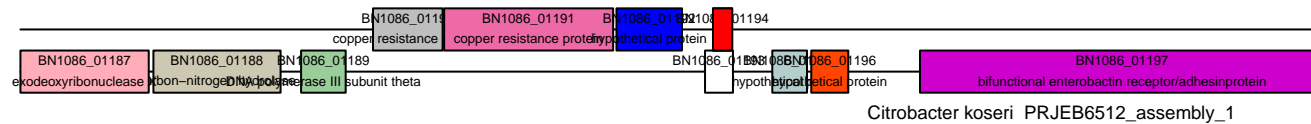
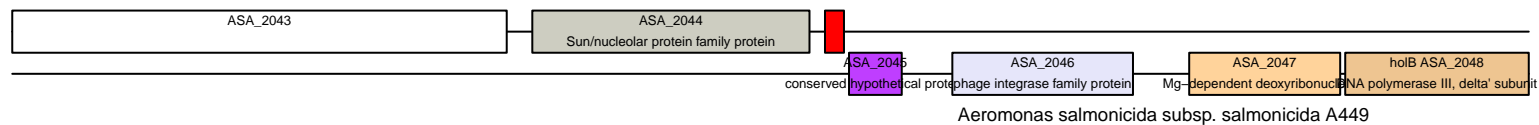
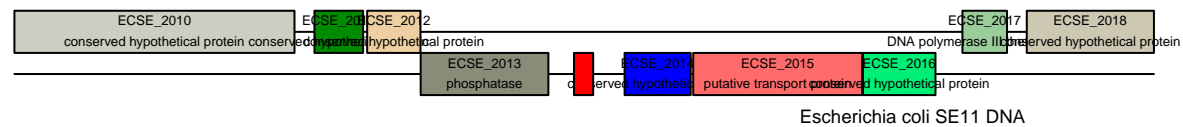
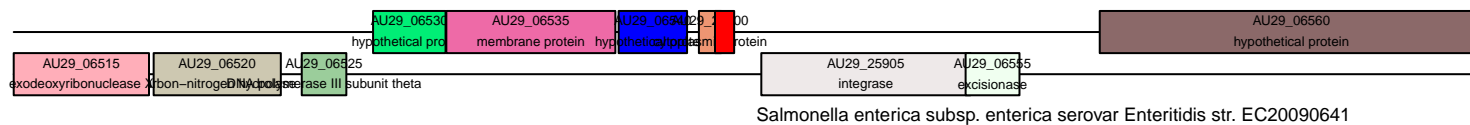
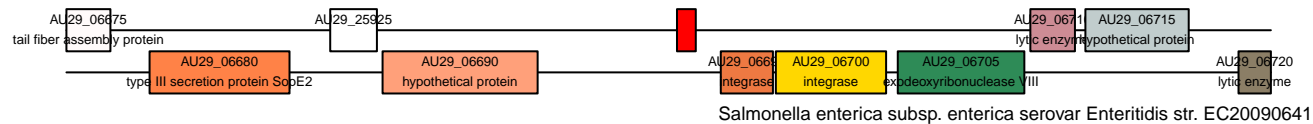
Salmonella enterica subsp. enterica serovar Enteritidis str. EC20120213 genome-p.c.VAL98.02%-taxID1412528

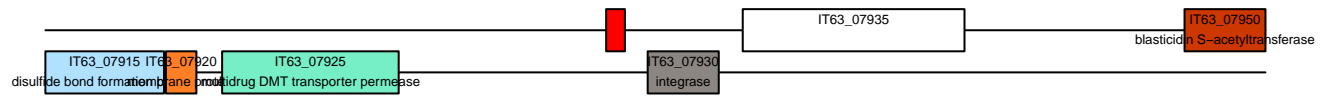


Klebsiella pneumoniae subsp. pneumoniae strain KPNIH31

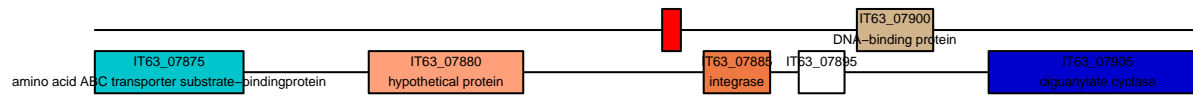


Escherichia coli strain 94-3024

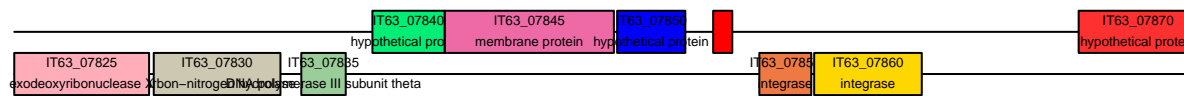




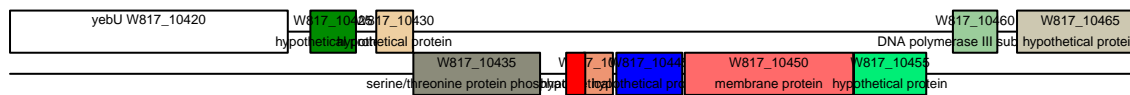
Salmonella enterica subsp. enterica serovar Paratyphi A strain CMCC 50973



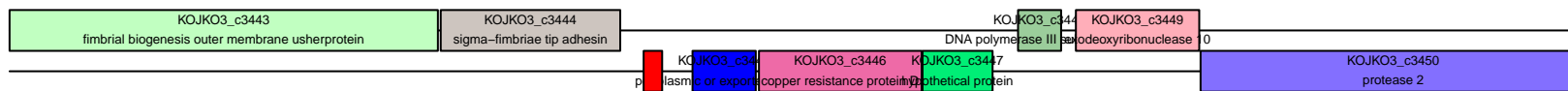
Salmonella enterica subsp. enterica serovar Paratyphi A strain CMCC 50973



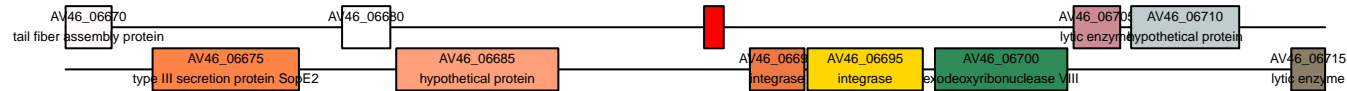
Salmonella enterica subsp. enterica serovar Paratyphi A strain CMCC 50973



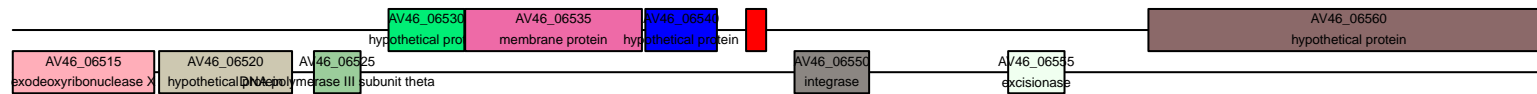
Escherichia coli RS218



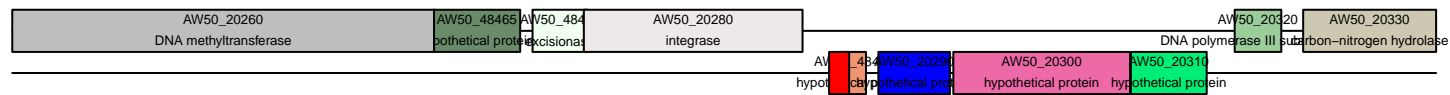
Klebsiella oxytoca DNA



Salmonella enterica subsp. enterica serovar Enteritidis str. EC20120497 genome-p.c.VAL54.69%-taxID1412568



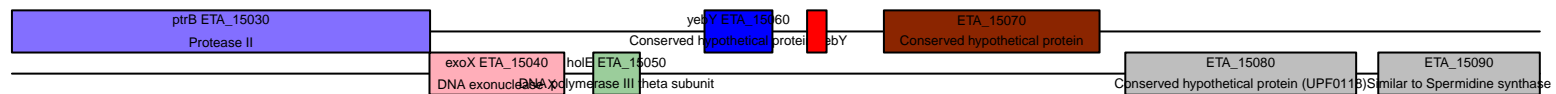
Salmonella enterica subsp. enterica serovar Enteritidis str. EC20120497 genome-p.c.VAL98.02%-taxID1412568



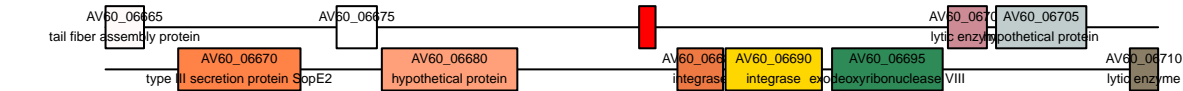
Salmonella enterica subsp. enterica serovar Anatum str. USDA-ARS-USMARC-1735



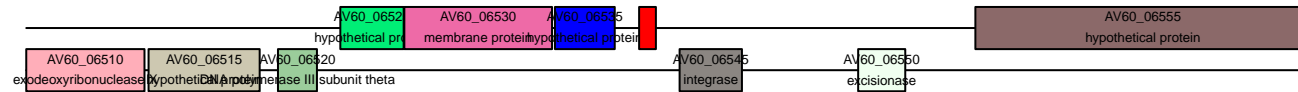
Escherichia coli UMN026



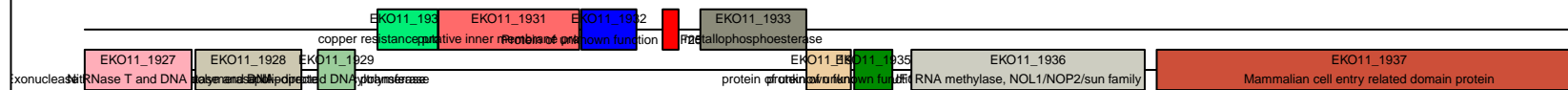
Erwinia tasmaniensis strain ET1/99 complete -p.c.VAL66.95%-taxID465817|RFAM\_PROOFED\_NEW



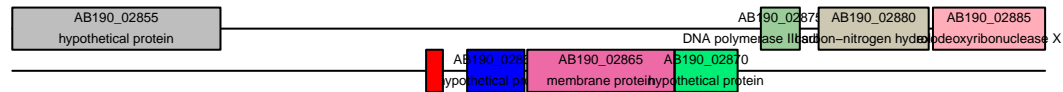
Salmonella enterica subsp. enterica serovar Enteritidis str. EC20121970 genome-p.c.VAL54.69%-taxID1412582



Salmonella enterica subsp. enterica serovar Enteritidis str. EC20121970 genome-p.c.VAL98.02%-taxID1412582



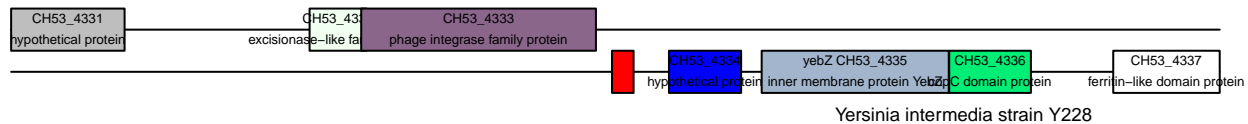
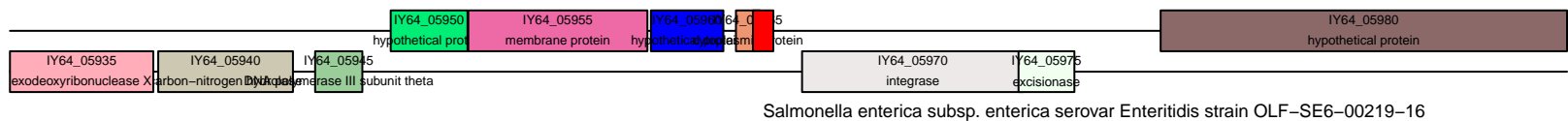
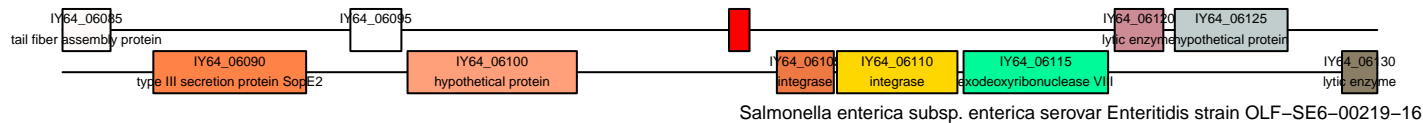
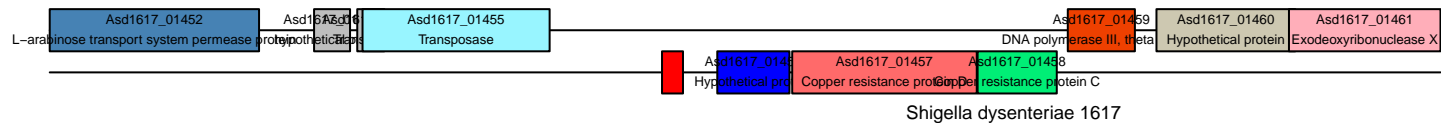
Escherichia coli KO11



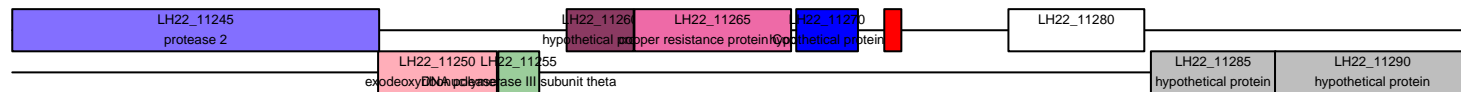
Enterobacter asburiae strain CAV1043



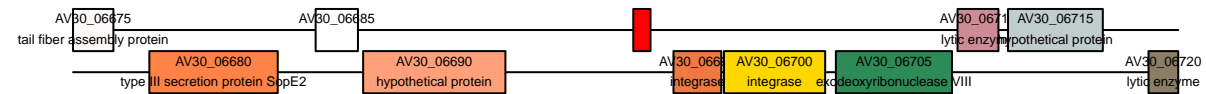
Escherichia coli O111H- str. 11128 DNA



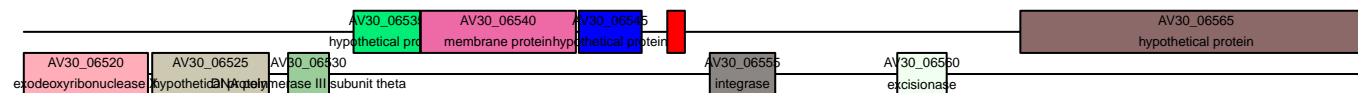




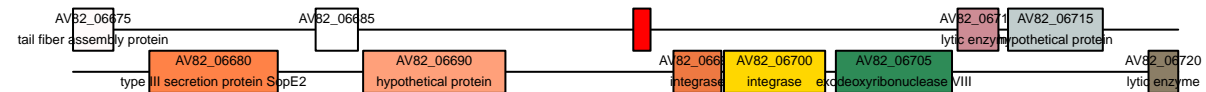
*Pantoea rwardensis* strain ND04



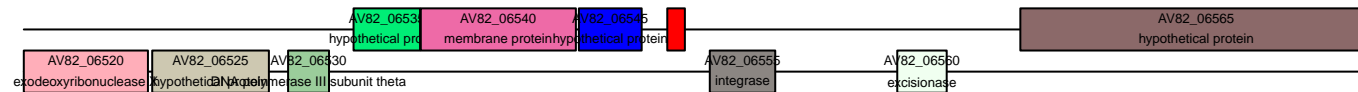
*Salmonella enterica* subsp. *enterica* serovar Enteritidis str. EC20120469 genome-p.c.VAL54.69%-taxID1412552



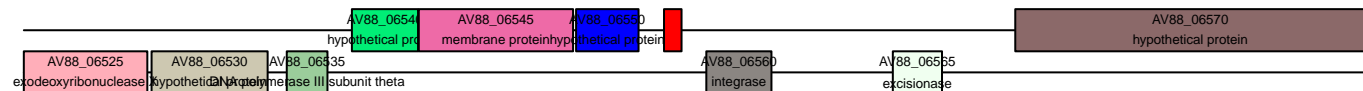
*Salmonella enterica* subsp. *enterica* serovar Enteritidis str. EC20120469 genome-p.c.VAL98.02%-taxID1412552



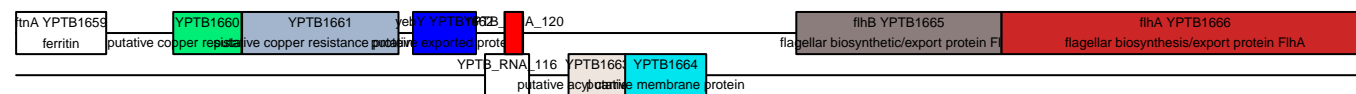
*Salmonella enterica* subsp. *enterica* serovar Enteritidis str. EC20120581 genome-p.c.VAL54.69%-taxID1412604



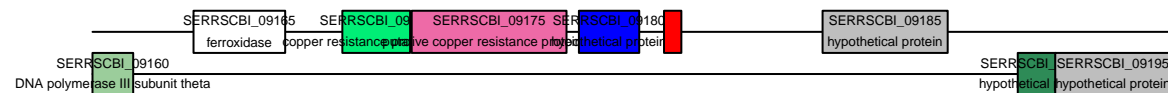
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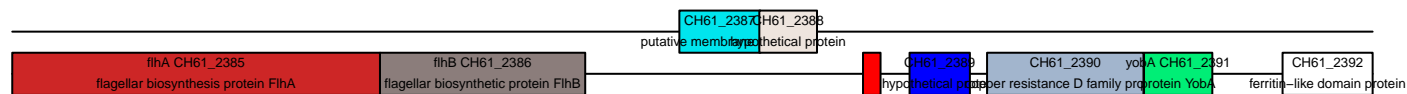
*Salmonella enterica* subsp. *enterica* serovar *Enteritidis* str. EC20120738 genome-p.c.VAL98.02%-taxID1412610



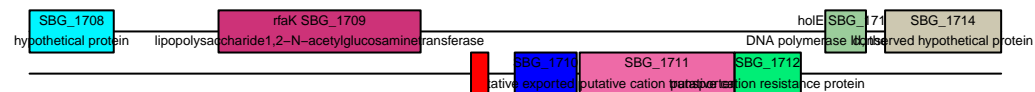
*Yersinia pseudotuberculosis* IP32953 genome



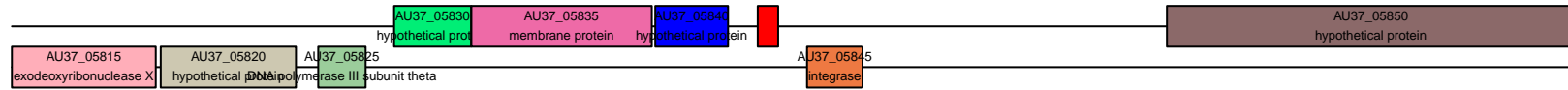
*Serratia* sp. SCBI



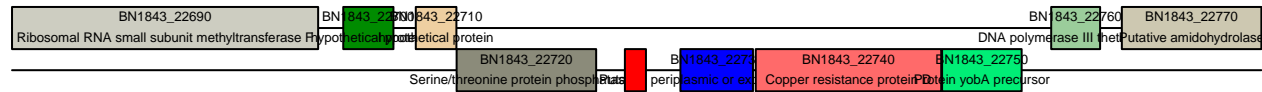
*Yersinia pestis* strain Dodson



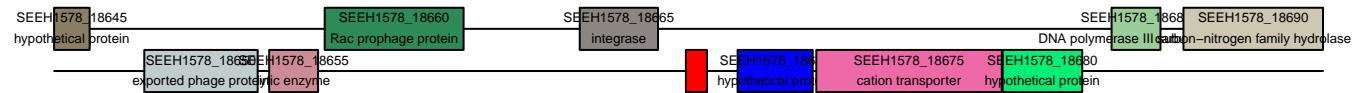
*Salmonella bongori* NCTC 12419



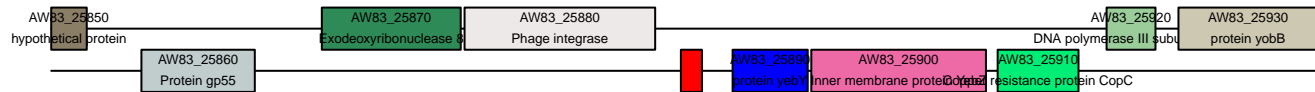
*Salmonella enterica* subsp. *enterica* serovar Enteritidis str. EC20090193



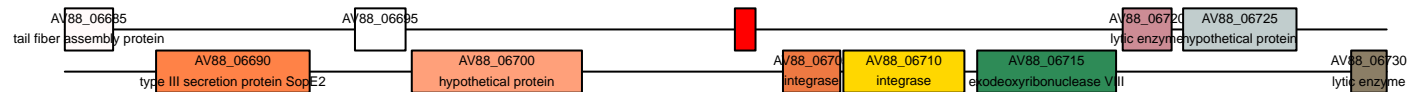
*Escherichia coli* ERS742059



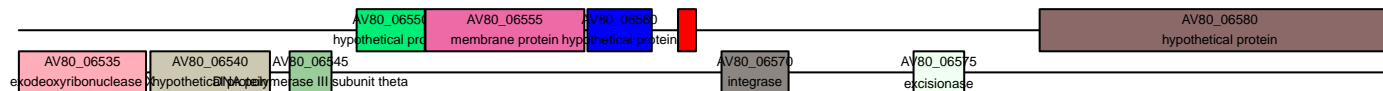
*Salmonella enterica* subsp. *enterica* serovar Heidelberg str. 41578



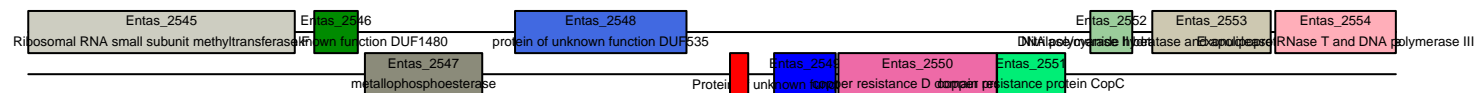
*Salmonella enterica* subsp. *enterica* serovar Newport str. USDA-ARS-USMARC-1927



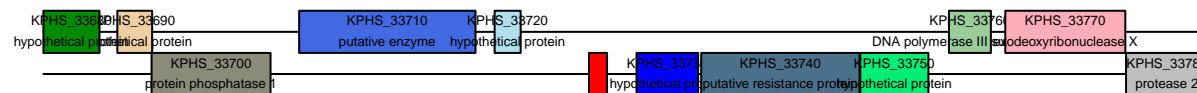
*Salmonella enterica* subsp. *enterica* serovar Enteritidis str. EC20120738 genome-p.c.VAL54.69%-taxID1412610



*Salmonella enterica* subsp. *enterica* serovar *Enteritidis* str. EC20120356 genome-p.c.VAL98.02%-taxID1412602



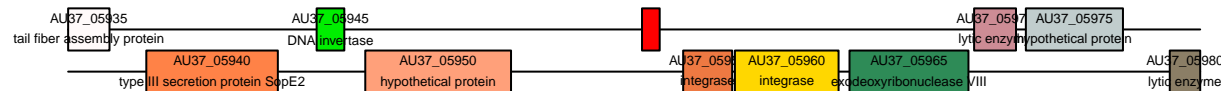
*Enterobacter asburiae* LF7a



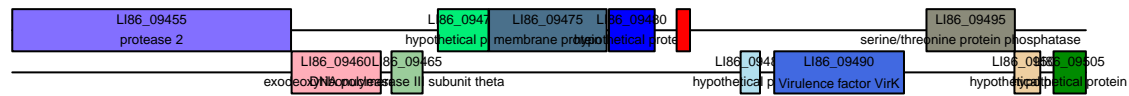
*Klebsiella pneumoniae* subsp. *pneumoniae* HS11286



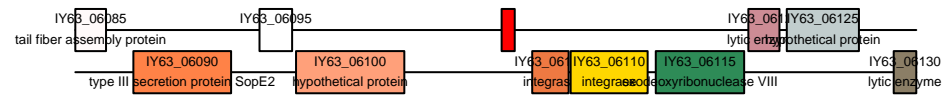
*Pluralibacter gergoviae* strain FB2



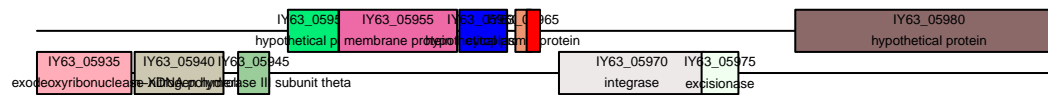
*Salmonella enterica* subsp. *enterica* serovar *Enteritidis* str. EC20090193



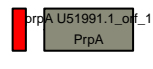
Klebsiella pneumoniae strain 34618



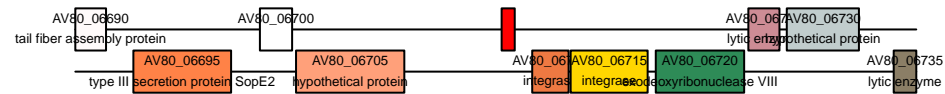
Salmonella enterica subsp. enterica serovar Enteritidis strain OLF-SE5-1104-2



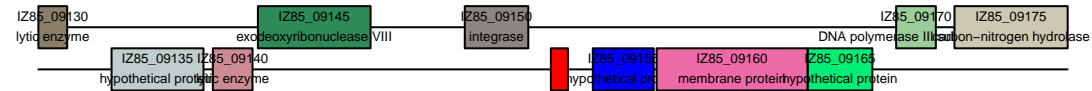
Salmonella enterica subsp. enterica serovar Enteritidis strain OLF-SE5-1104-2



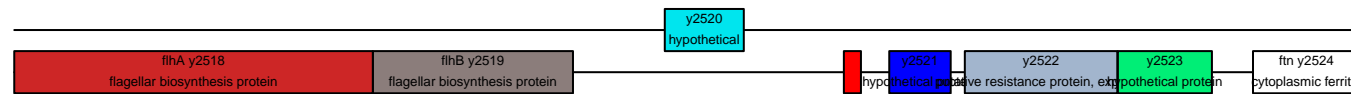
Escherichia coli phosphoprotein phosphatase (prpA) gene



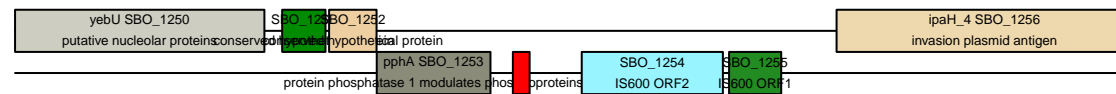
Salmonella enterica subsp. enterica serovar Enteritidis str. EC20120356 genome-p.c.VAL54.69%-taxID1412602



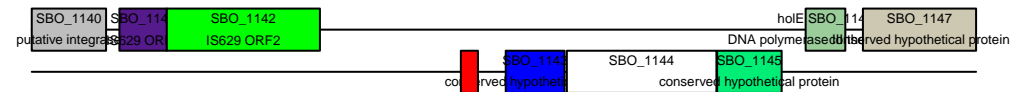
*Salmonella enterica* subsp. *enterica* serovar Typhimurium strain ATCC 13311



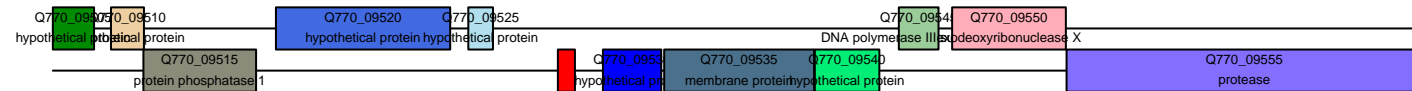
*Yersinia pestis* KIM10+



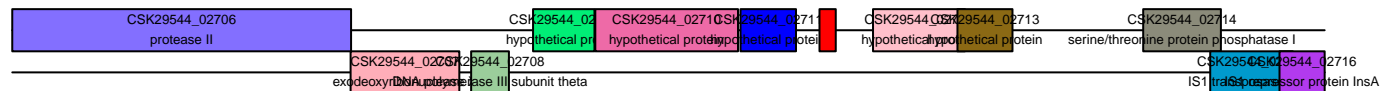
*Shigella boydii* Sb227



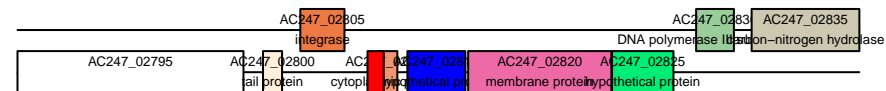
*Shigella boydii* Sb227



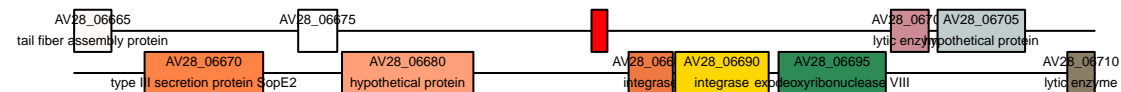
*Klebsiella pneumoniae* subsp. *pneumoniae* PittNDM01



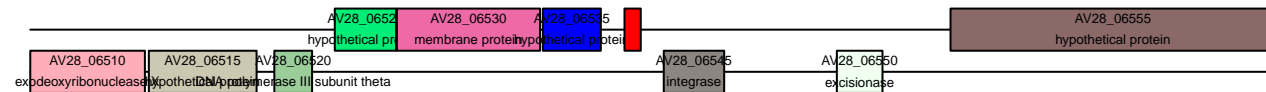
Cronobacter sakazakii strain ATCC 29544



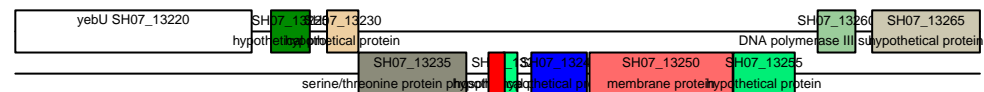
Salmonella enterica subsp. enterica serovar Ouakam strain GNT-01 genome-p.c.VAL98.02%-taxID1243585



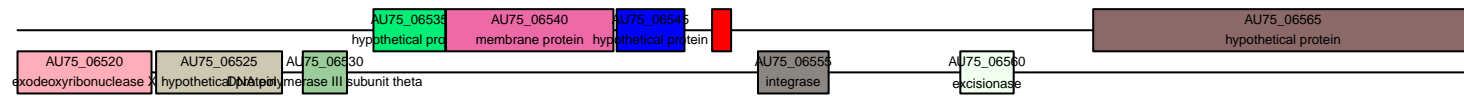
Salmonella enterica subsp. enterica serovar Enteritidis str. EC20120722 genome-p.c.VAL54.69%-taxID1412550



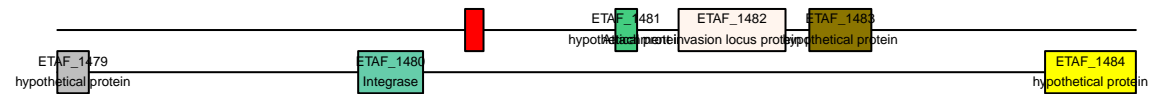
Salmonella enterica subsp. enterica serovar Enteritidis str. EC20120722 genome-p.c.VAL98.02%-taxID1412550



Escherichia coli K-12 strain ER3475



Salmonella enterica subsp. enterica serovar Enteritidis str. SA19961622 genome-p.c.VAL98.02%-taxID1412497



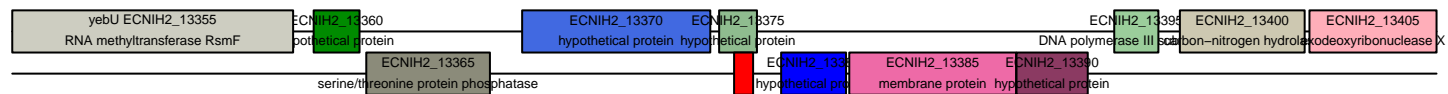
Edwardsiella tarda FL6-60



Alteromonas macleodii str. 'Ionian Sea UM7'

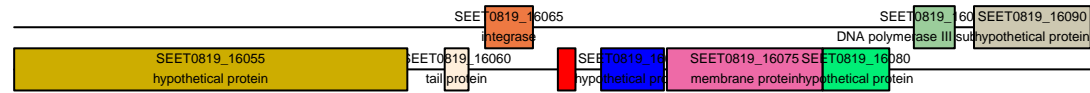


Escherichia coli ACN001

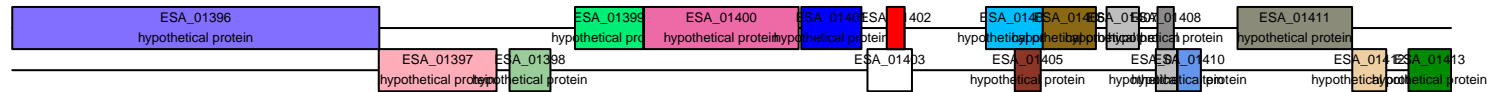


Enterobacter cloacae ECNIH2

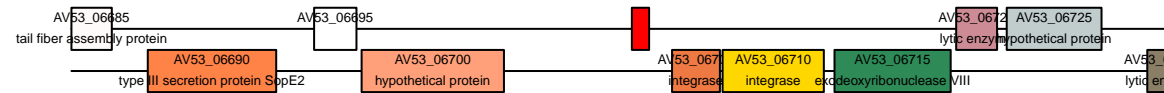




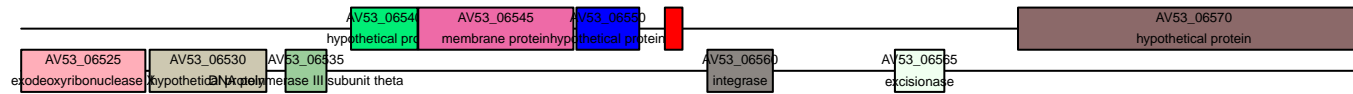
Salmonella enterica subsp. enterica serovar Tennessee str. TXSC\_TXSC08-19



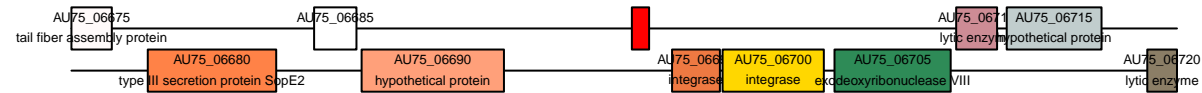
Cronobacter sakazakii ATCC BAA-894



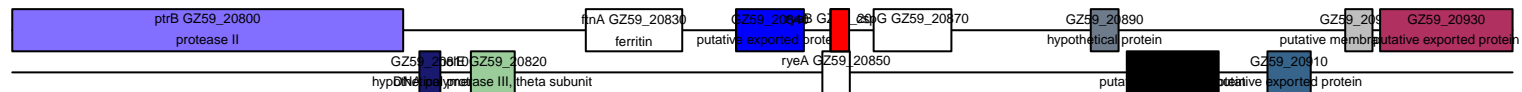
Salmonella enterica subsp. enterica serovar Enteritidis str. EC20122031 genome-p.c.VAL54.69%-taxID1412575



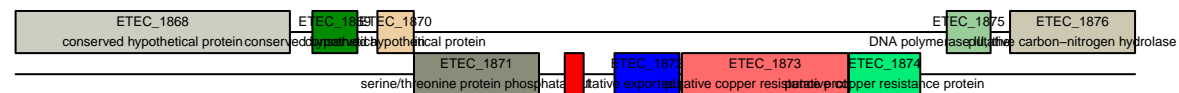
Salmonella enterica subsp. enterica serovar Enteritidis str. EC20122031 genome-p.c.VAL98.02%-taxID1412575



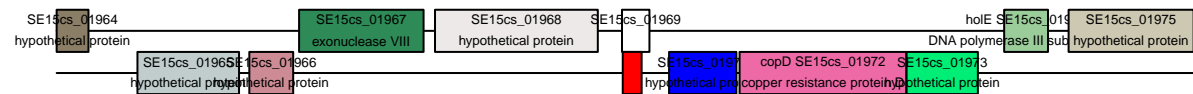
Salmonella enterica subsp. enterica serovar Enteritidis str. SA19961622 genome-p.c.VAL54.69%-taxID1412497



*Pectobacterium atrosepticum* strain 21A



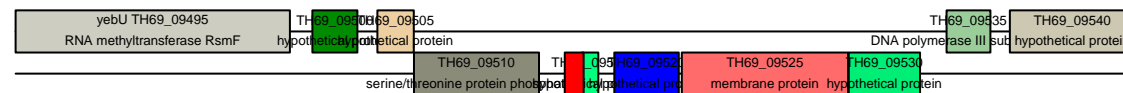
*Escherichia coli* ETEC H10407



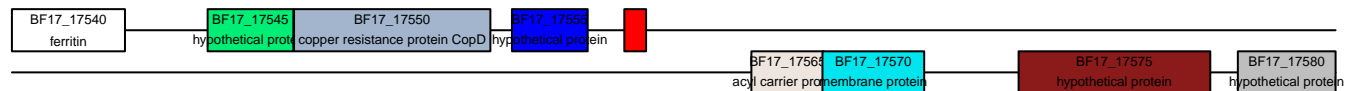
*Salmonella enterica* subsp. *enterica* serovar Typhimurium strain 33676



*Alteromonas macleodii* str. 'Ionian Sea U7'



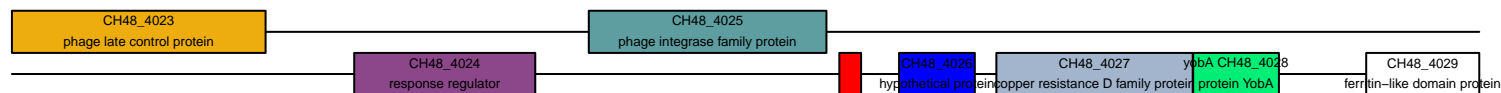
*Escherichia coli* strain C41(DE3)



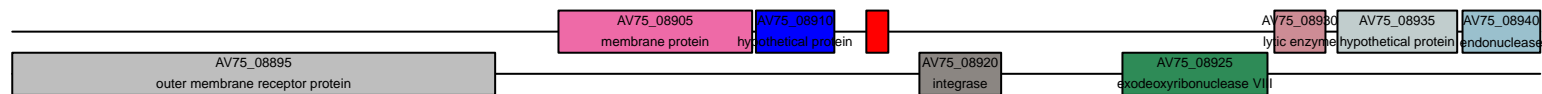
*Yersinia similis* strain 228



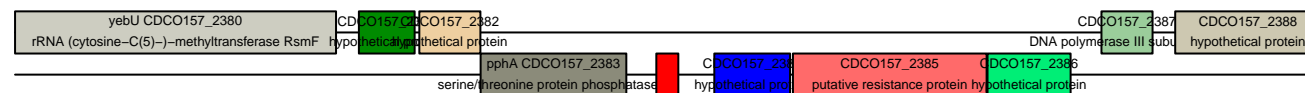
*Alteromonas macleodii* str. 'Ionian Sea U8'



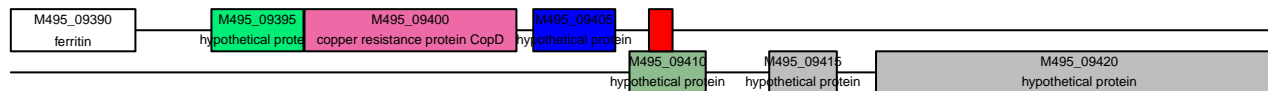
*Yersinia enterocolitica* strain 2516-87



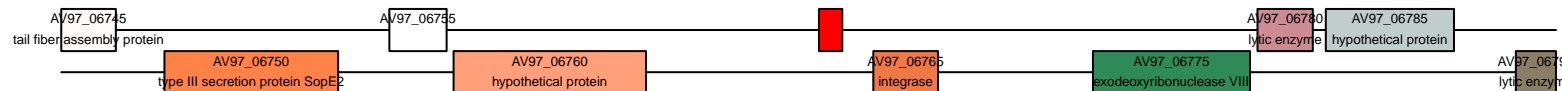
*Salmonella enterica* subsp. *enterica* serovar Enteritidis str. EC20121180



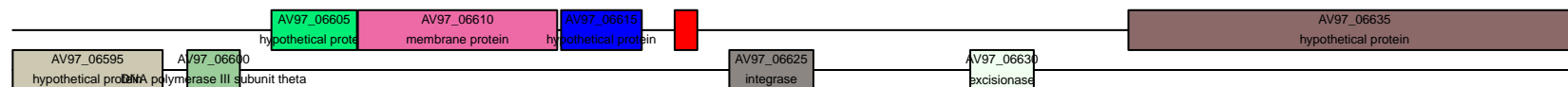
*Escherichia coli* Xuzhou21



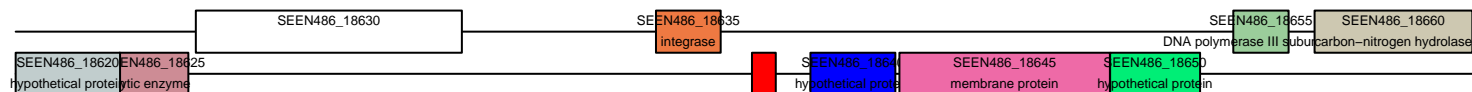
*Serratia liquefaciens* ATCC 27592



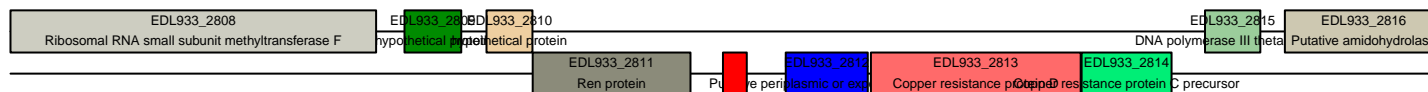
*Salmonella enterica* subsp. *enterica* serovar Enteritidis str. EC20120969 genome-p.c.VAL54.69%-taxID1412619



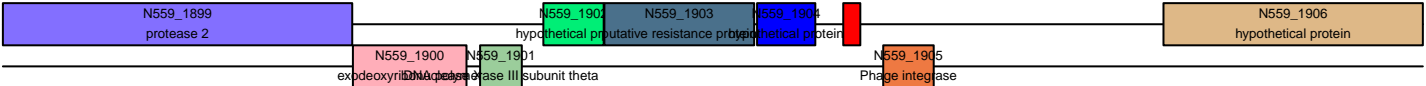
*Salmonella enterica* subsp. *enterica* serovar Enteritidis str. EC20120969 genome-p.c.VAL98.02%-taxID1412619



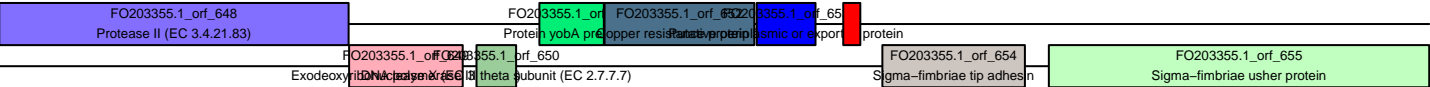
*Salmonella enterica* subsp. *enterica* serovar Newport str. CVM N18486



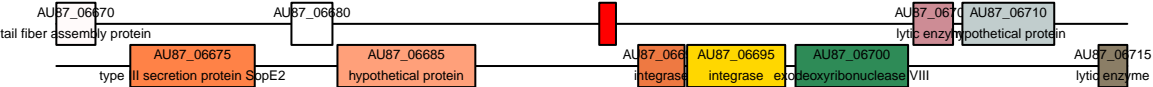
*Escherichia coli* O157H7 str. EDL933



*Klebsiella pneumoniae* JM45



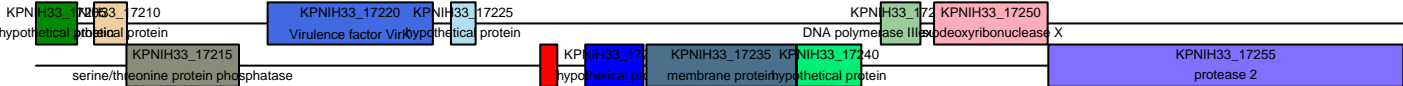
*Enterobacter aerogenes* EA1509E -p.c.VAL94.17%-taxID935296



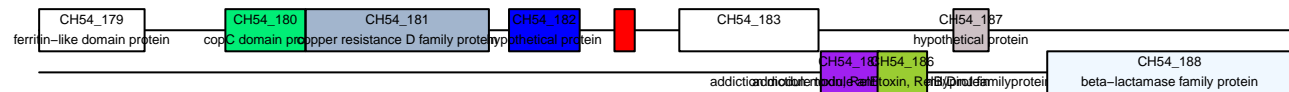
*Salmonella enterica* subsp. *enterica* serovar Enteritidis str. SA20093784 genome-p.c.VAL54.69%-taxID1412509



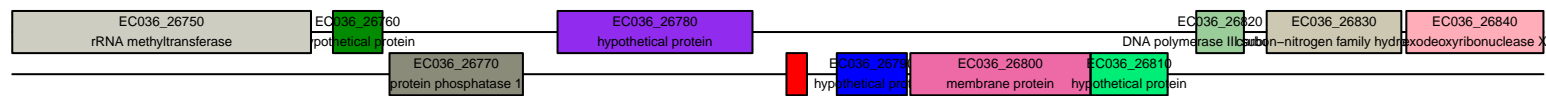
*Salmonella enterica* subsp. *enterica* serovar Enteritidis str. SA20093784 genome-p.c.VAL98.02%-taxID1412509



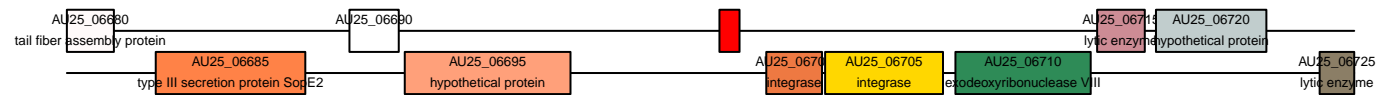
*Klebsiella pneumoniae* subsp. *pneumoniae* strain KPNIH33



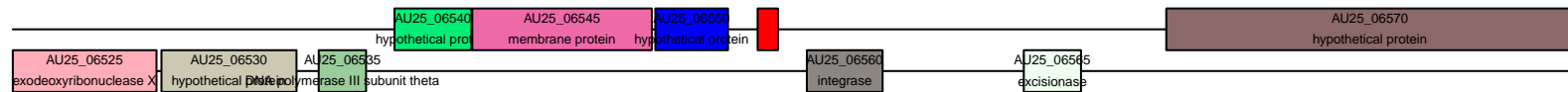
*Yersinia kristensenii* strain Y231



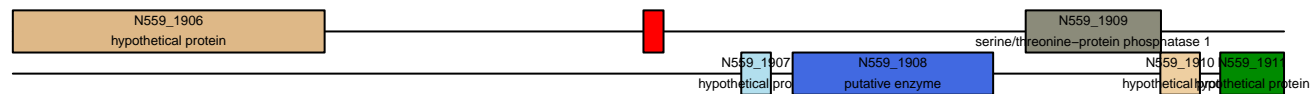
*Enterobacter cloacae* strain GGT036



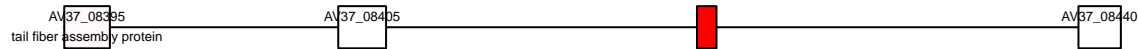
*Salmonella enterica* subsp. *enterica* serovar *Enteritidis* str. EC20111095



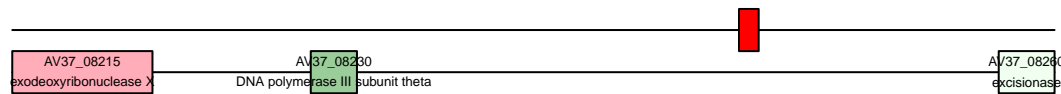
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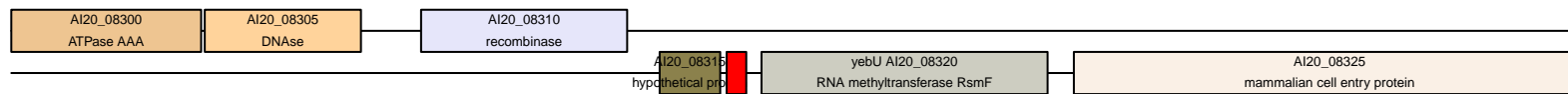
*Klebsiella pneumoniae* JM45



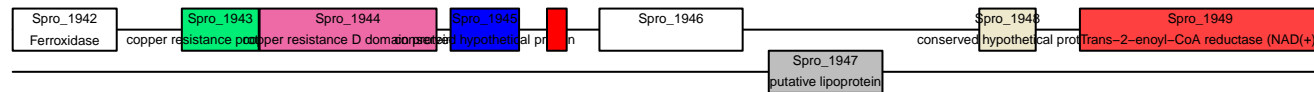
Salmonella enterica subsp. enterica serovar Enteritidis str. EC20120677 genome-p.c.VAL54.69%-taxID1412559



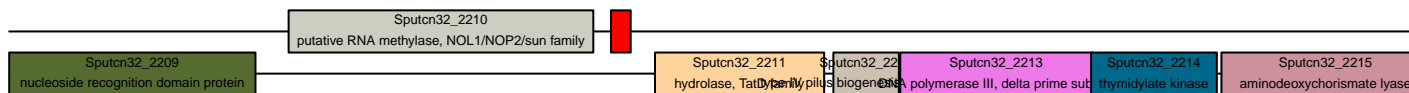
Salmonella enterica subsp. enterica serovar Enteritidis str. EC20120677 genome-p.c.VAL89.52%-taxID1412559



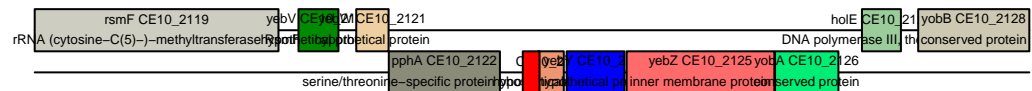
Aeromonas hydrophila YL17



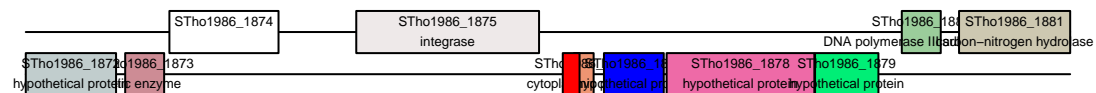
Serratia proteamaculans 568



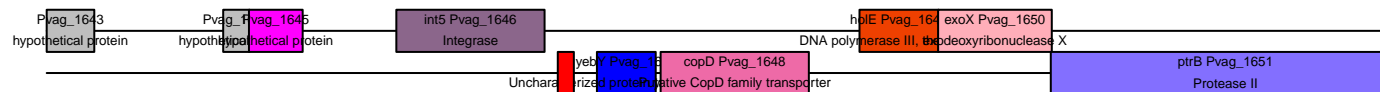
Shewanella putrefaciens CN-32



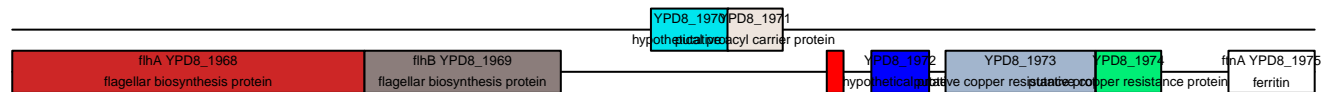
Escherichia coli O7K1 str. CE10



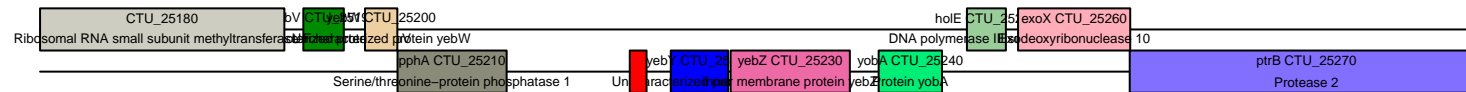
Salmonella enterica subsp. enterica serovar Thompson strain RM1986



Pantoea vagans C9-1

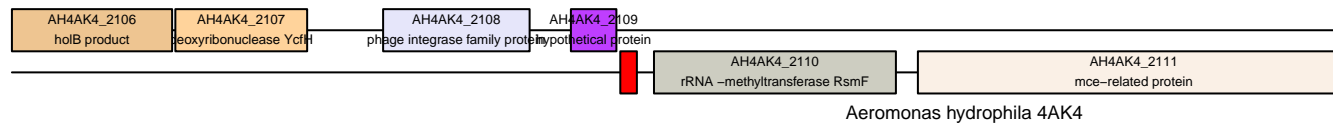


Yersinia pestis D182038

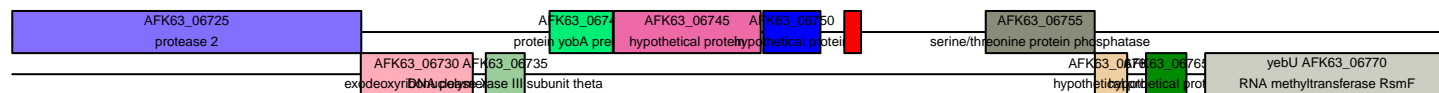


Cronobacter turicensis z3032 -p.c.VAL96.08%-taxID693216|RFAM\_PROOFED\_NEW

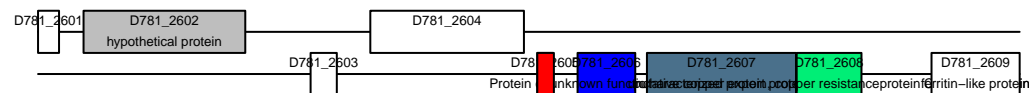




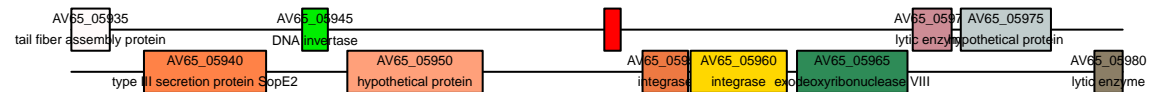
*Aeromonas hydrophila* 4AK4



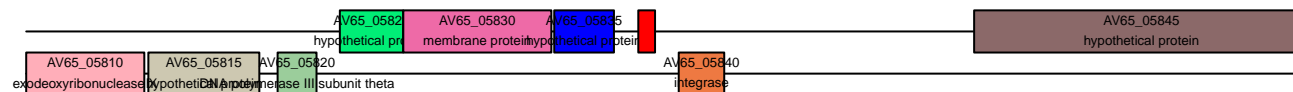
*Cronobacter muytjensii* ATCC 51329



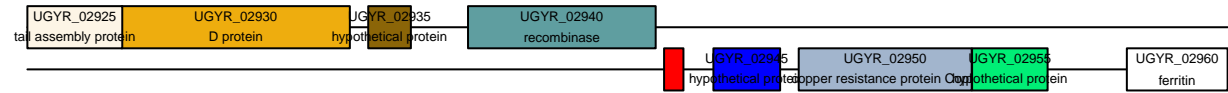
*Serratia marcescens* FG194



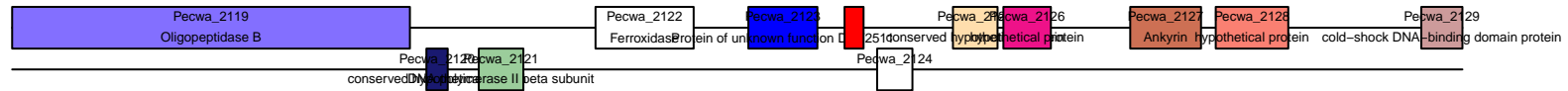
*Salmonella enterica* subsp. *enterica* serovar *Enteritidis* str. EC20090195 genome-p.c.VAL54.69%-taxID1412587



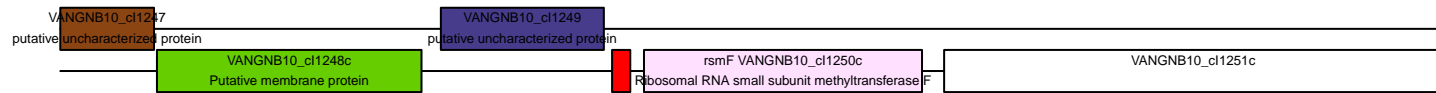
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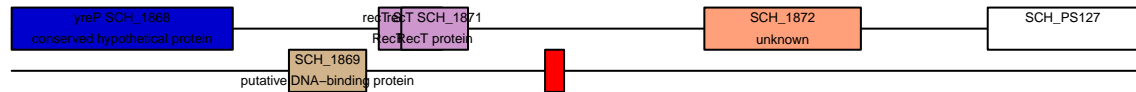
*Yersinia ruckeri* strain Big Creek 74



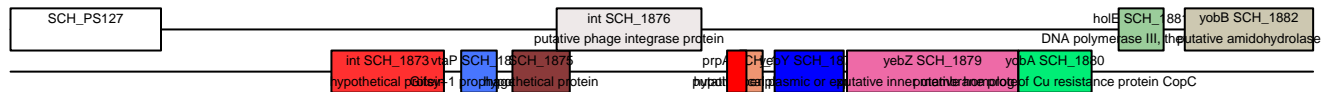
*Pectobacterium wasabiae* WPP163



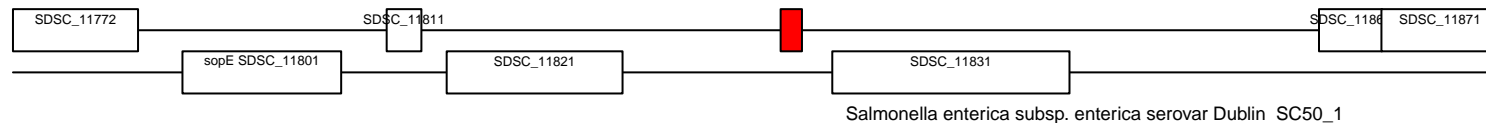
*Vibrio anguillarum* 1



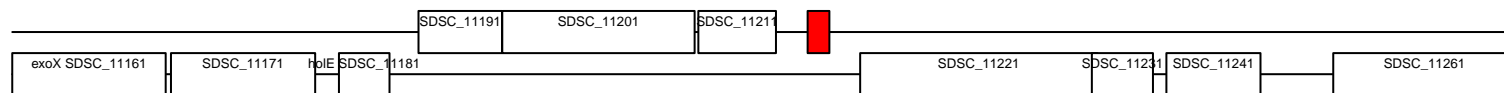
*Salmonella enterica* subsp. *enterica* serovar *Choleraesuis* str. SC-B67



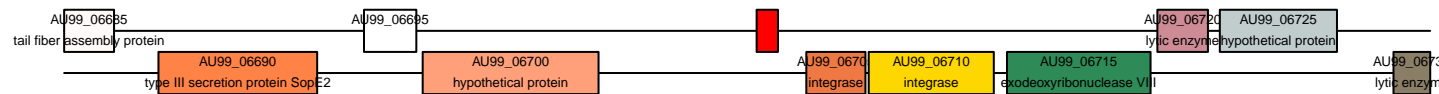
*Salmonella enterica* subsp. *enterica* serovar *Choleraesuis* str. SC-B67



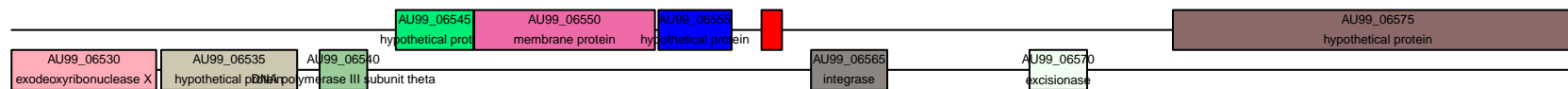
Salmonella enterica subsp. enterica serovar Dublin SC50\_1



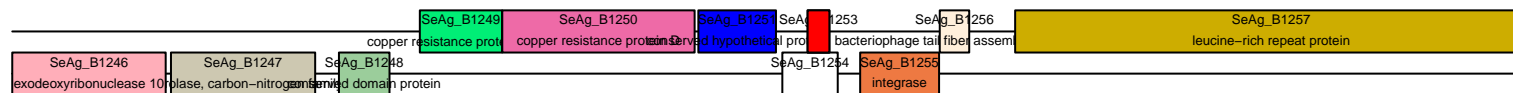
Salmonella enterica subsp. enterica serovar Dublin SC50\_1



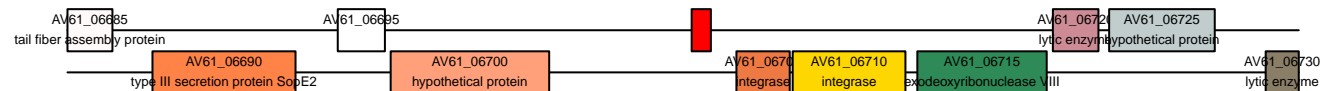
Salmonella enterica subsp. enterica serovar Enteritidis str. SA20090877 genome-p.c.VAL54.69%-taxID1412521



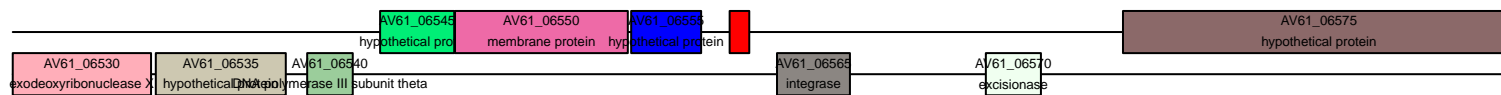
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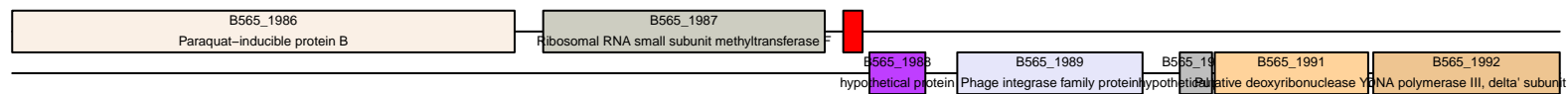
Salmonella enterica subsp. enterica serovar Agona str. SL483



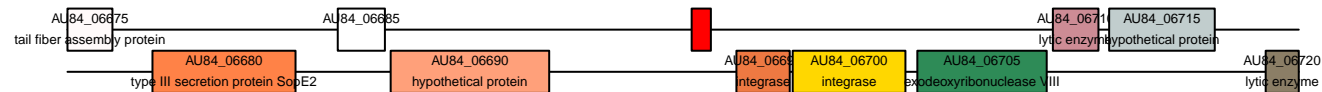
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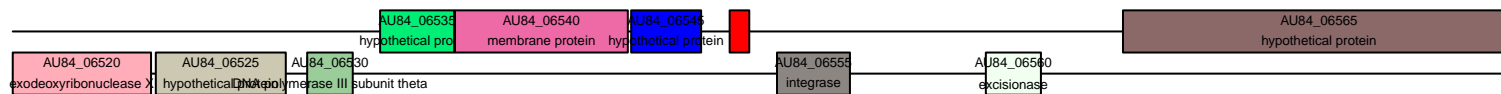
Salmonella enterica subsp. enterica serovar Enteritidis str. EC20121969 genome-p.c.VAL98.02%-taxID1412583



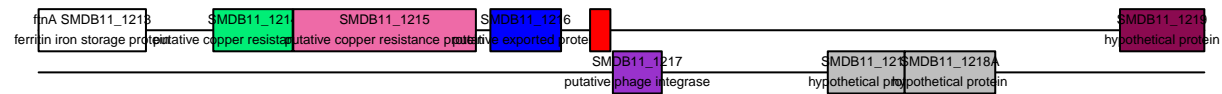
Aeromonas veronii B565



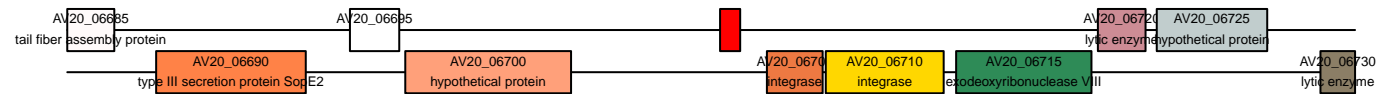
Salmonella enterica subsp. enterica serovar Enteritidis str. SA20083456 genome-p.c.VAL54.69%-taxID1412506



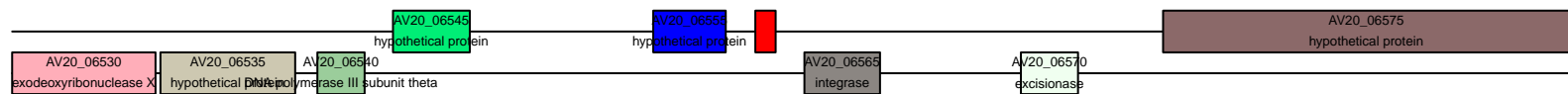
Salmonella enterica subsp. enterica serovar Enteritidis str. SA20083456 genome-p.c.VAL98.02%-taxID1412506



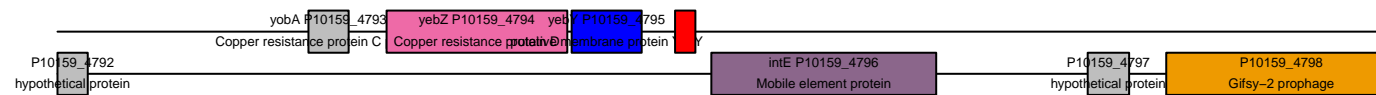
*Serratia marcescens* subsp. *marcescens* Db11



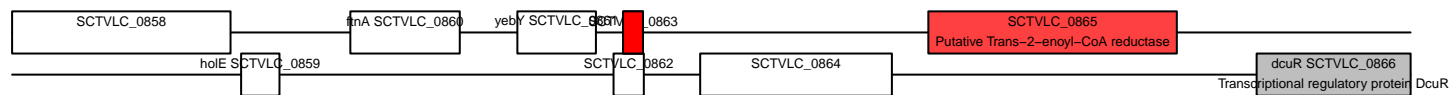
*Salmonella enterica* subsp. *enterica* serovar *Enteritidis* str. EC20120970 genome-p.c.VAL54.69%-taxID1412542



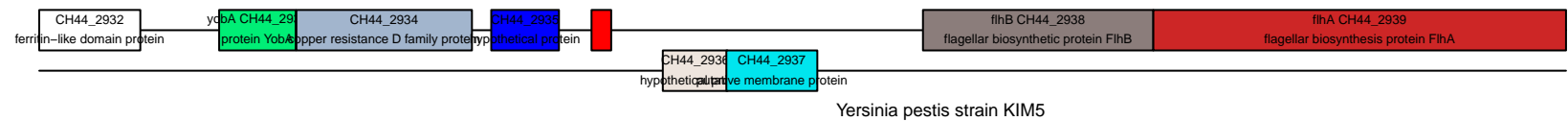
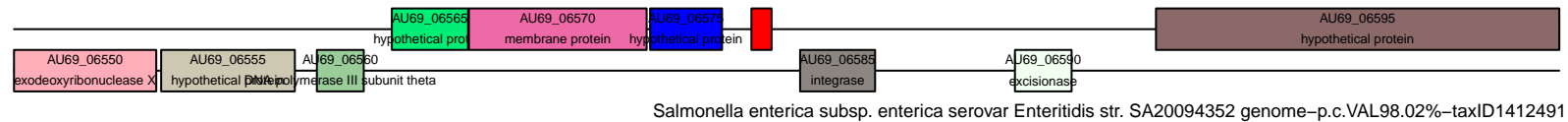
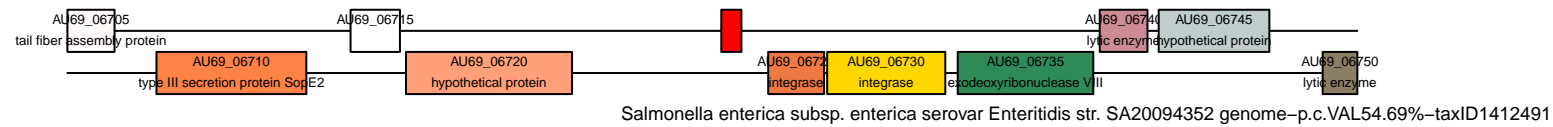
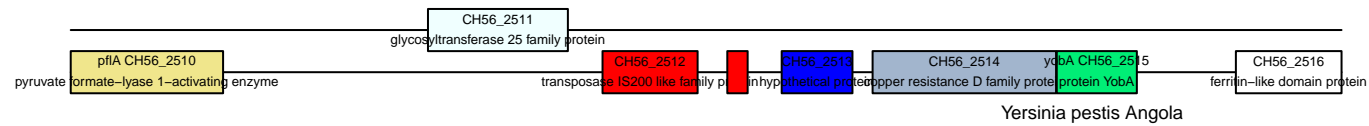
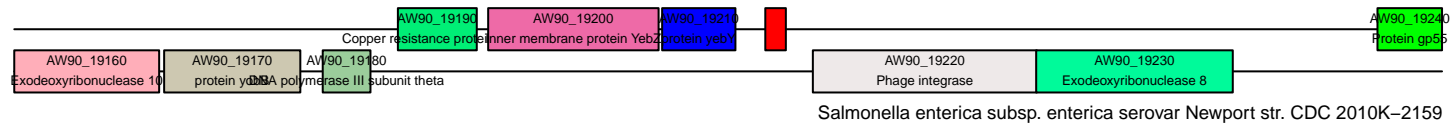
*Salmonella enterica* subsp. *enterica* serovar *Enteritidis* str. EC20120970 genome-p.c.VAL98.02%-taxID1412542



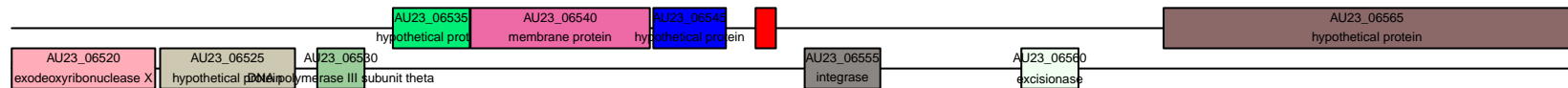
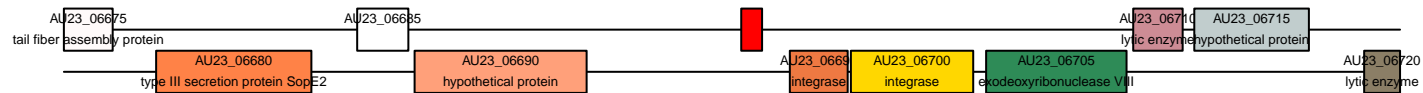
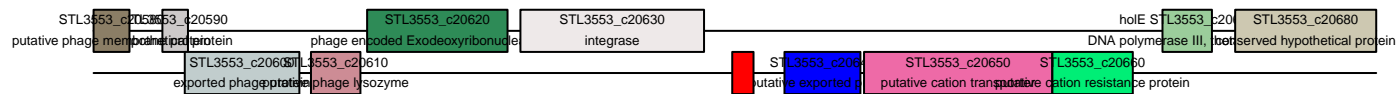
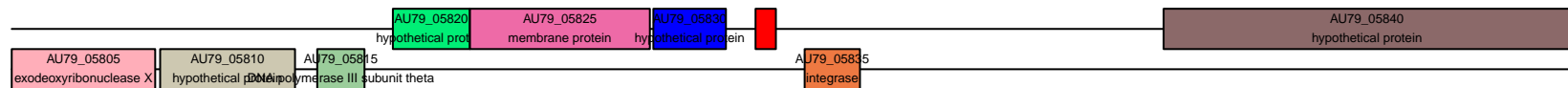
*Citrobacter freundii* strain P10159



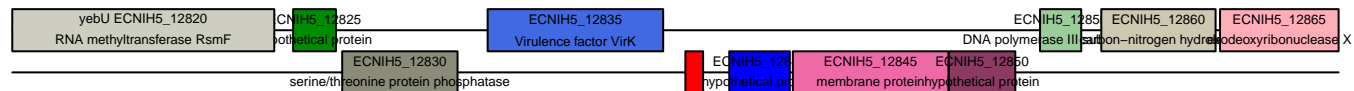
*Serratia symbiotica* SCT-VLC genomic scaffold 03-p.c.VAL74.34%-taxID1347341



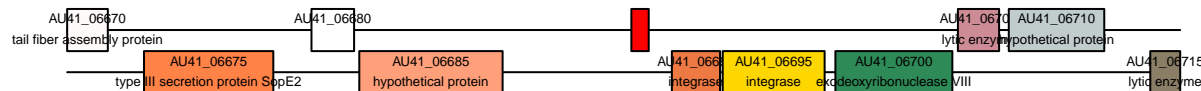




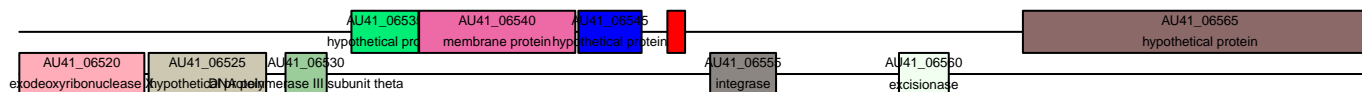




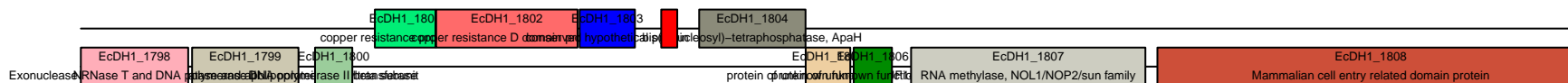
Enterobacter cloacae strain ECNIH5



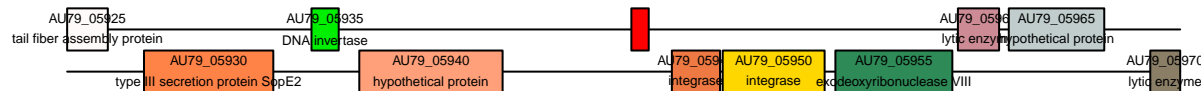
Salmonella enterica subsp. enterica serovar Enteritidis str. EC20090884



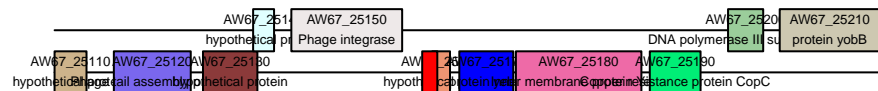
Salmonella enterica subsp. enterica serovar Enteritidis str. EC20090884



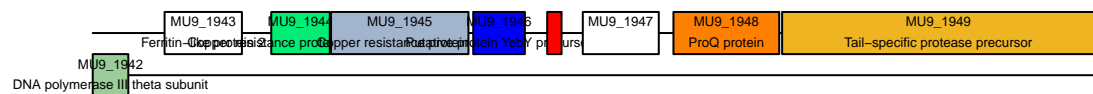
Escherichia coli DH1



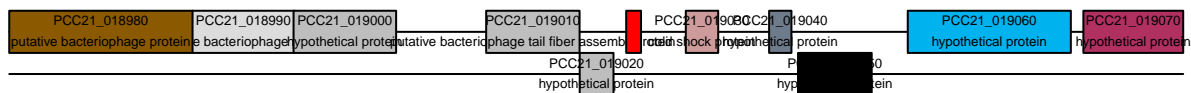
Salmonella enterica subsp. enterica serovar Enteritidis str. SA19940857 genome-p.c.VAL54.69%-taxID1412501



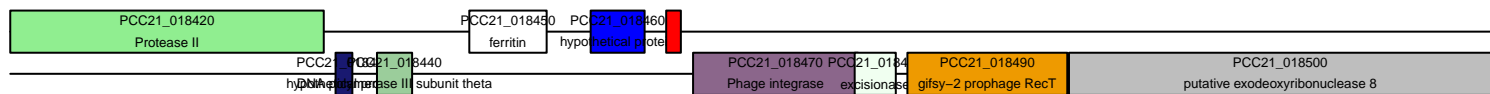
Salmonella enterica subsp. enterica serovar Montevideo str. USDA-ARS-USMARC-1903



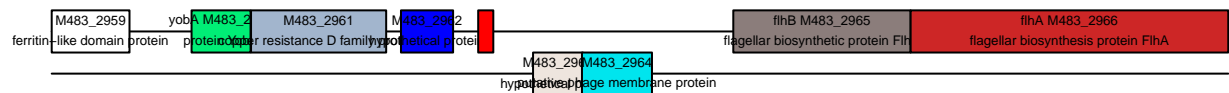
Morganella morganii subsp. morganii KT



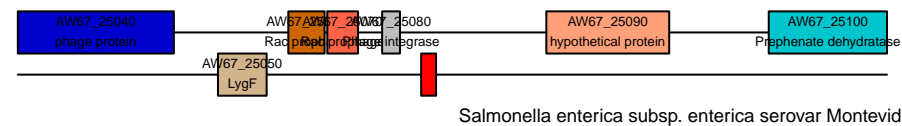
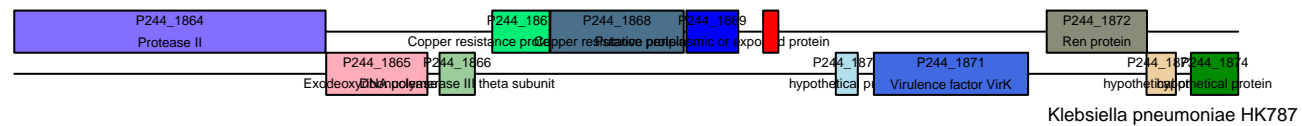
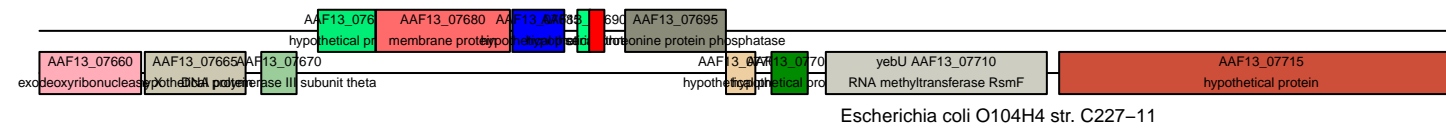
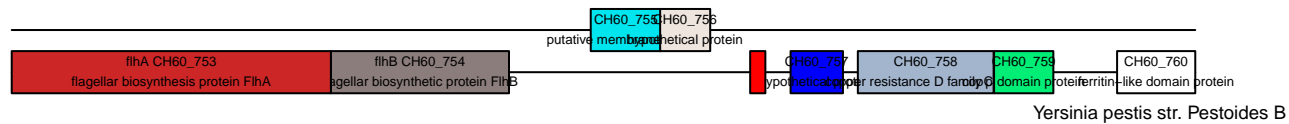
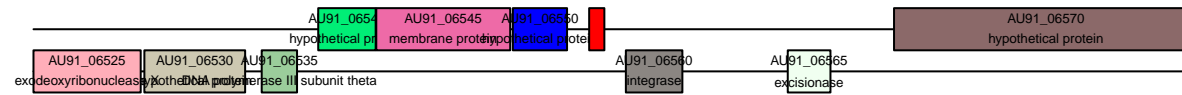
Pectobacterium carotovorum subsp. carotovorum PCC21

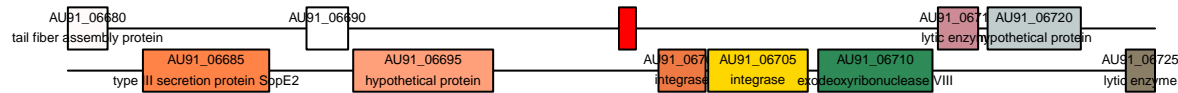
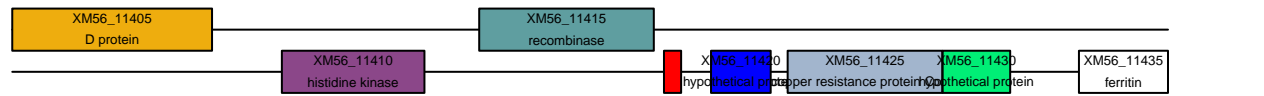
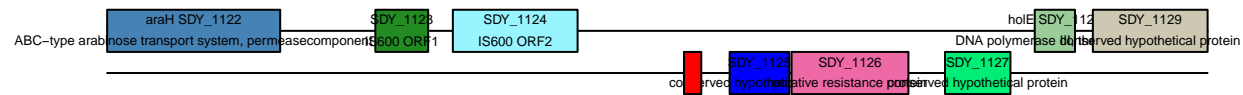
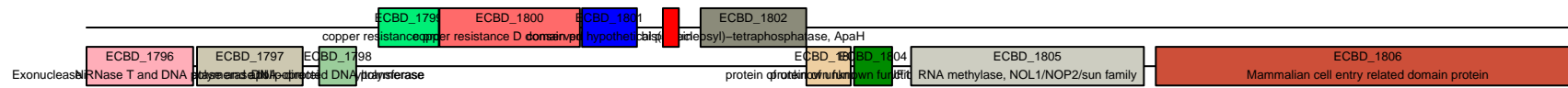
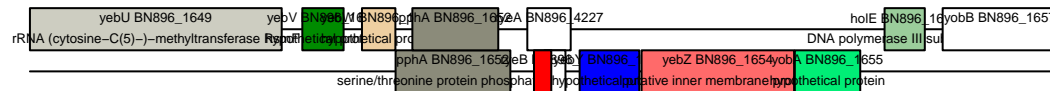


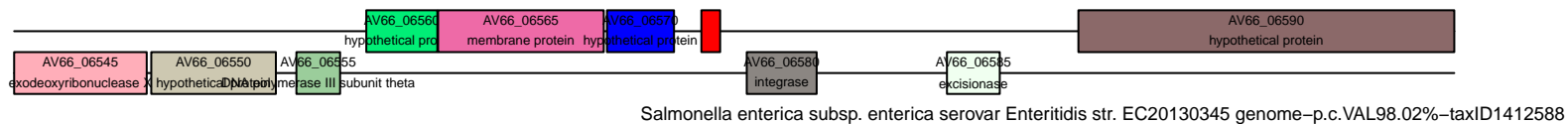
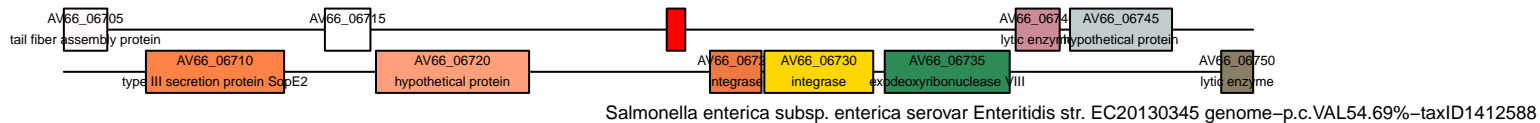
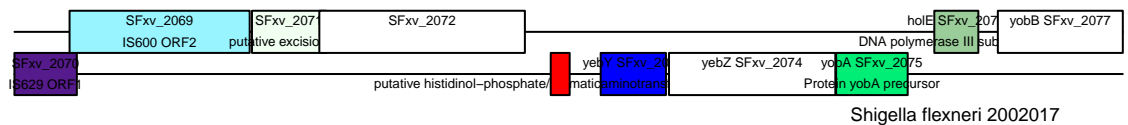
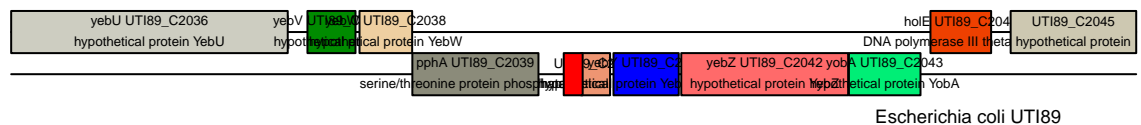
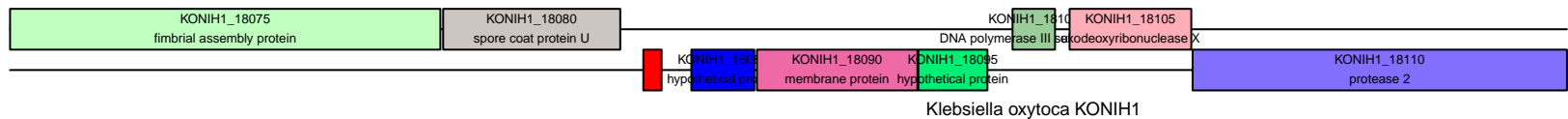
Pectobacterium carotovorum subsp. carotovorum PCC21

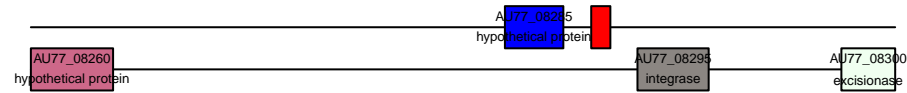


Yersinia pestis 3770

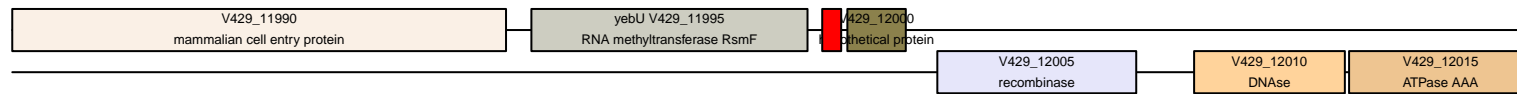




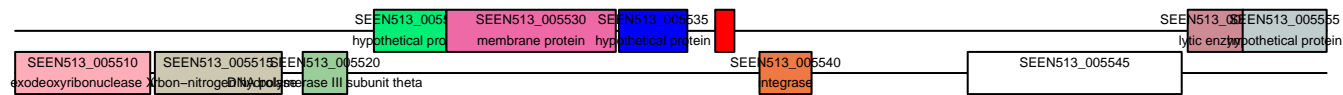




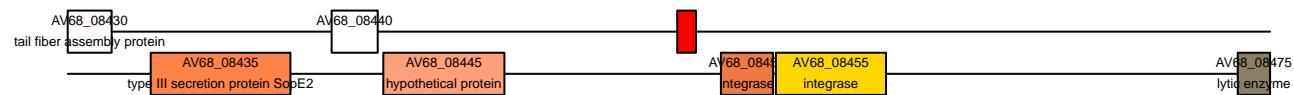
*Salmonella enterica* subsp. *enterica* serovar Enteritidis str. SA19994216 genome-p.c.VAL98.02%-taxID1412499



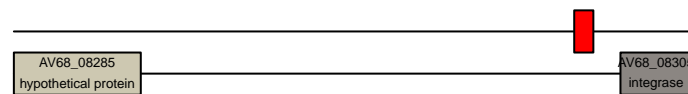
*Aeromonas hydrophila* pc104A



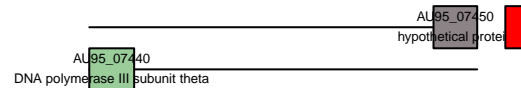
*Salmonella enterica* subsp. *enterica* serovar Newport str. CVM 22513



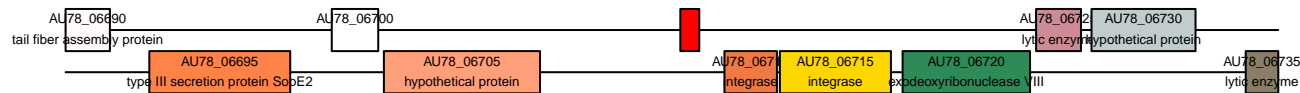
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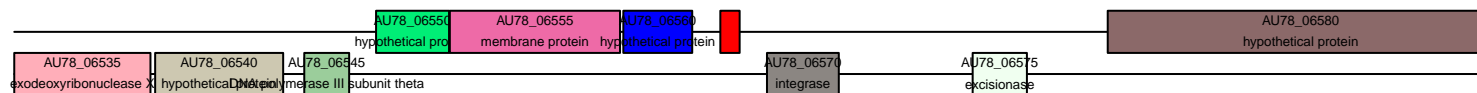
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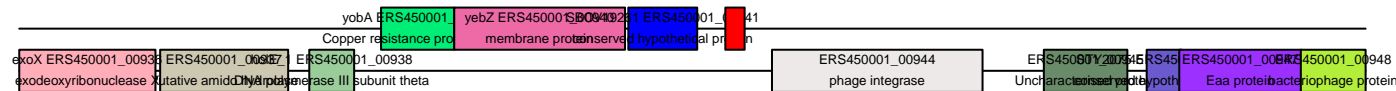
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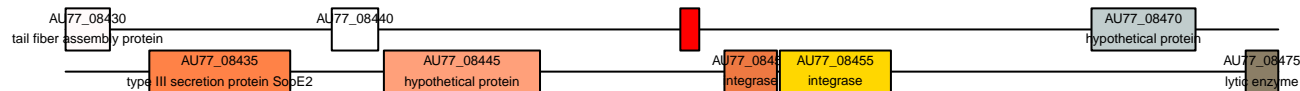
Salmonella enterica subsp. enterica serovar Enteritidis str. SA19930684 genome-p.c.VAL54.69%-taxID1412500



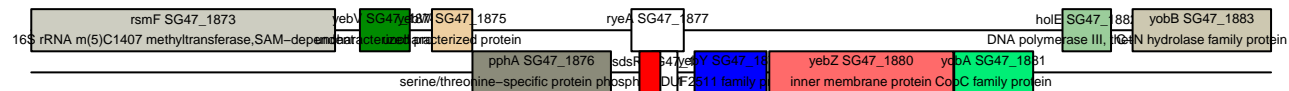
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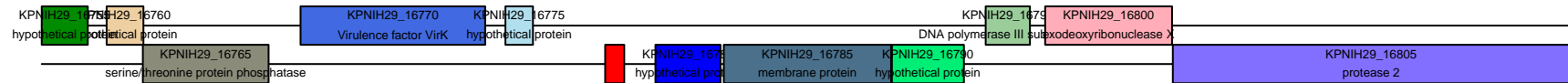
Salmonella enterica subsp. enterica serovar Typhimurium NCTC13348



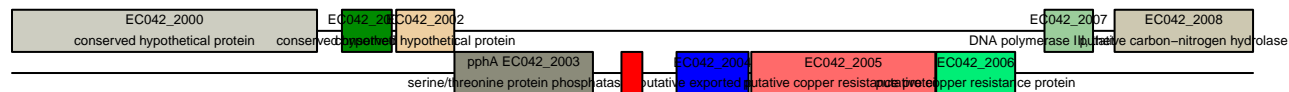
Salmonella enterica subsp. enterica serovar Enteritidis str. SA19994216 genome-p.c.VAL54.69%-taxID1412499



Escherichia coli strain SQ171



Klebsiella pneumoniae subsp. pneumoniae strain KPNIH29



Escherichia coli 042 -p.c.VAL90.48%-taxID216592|RFAM\_PROOFED\_NEW

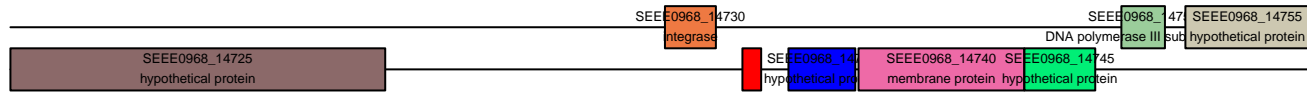


Salmonella enterica subsp. enterica serovar Thompson str. RM6836



Salmonella enterica subsp. enterica serovar Enteritidis str. SA20090419 genome-p.c.VAL54.69%-taxID1412517





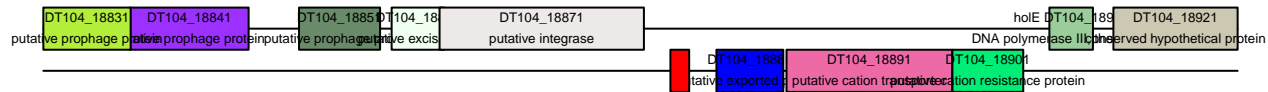
*Salmonella enterica* subsp. *enterica* serovar Enteritidis str. CDC\_2010K\_0968



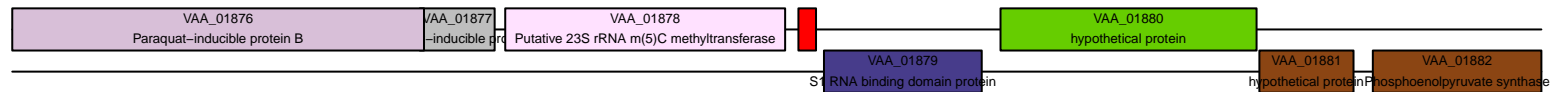
*Escherichia coli* SE15 DNA



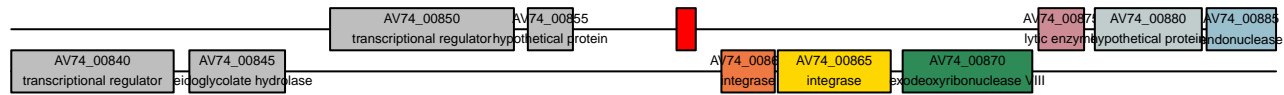
*Escherichia coli* K-12 strain ER3413



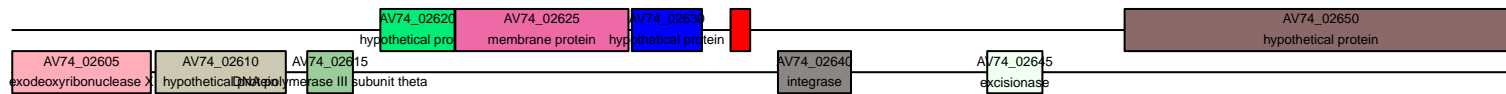
*Salmonella enterica* subsp. *enterica* serovar Typhimurium DT104 main



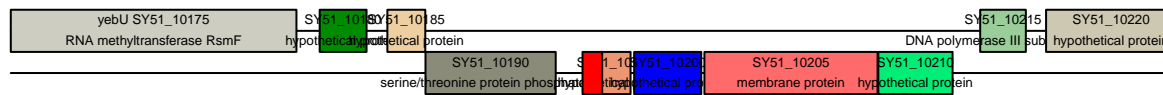
*Vibrio anguillarum* 775 I



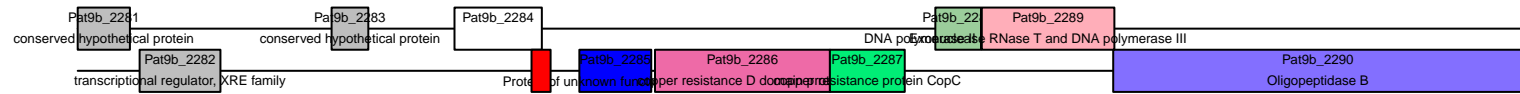
*Salmonella enterica* subsp. *enterica* serovar Enteritidis str. EC20121179



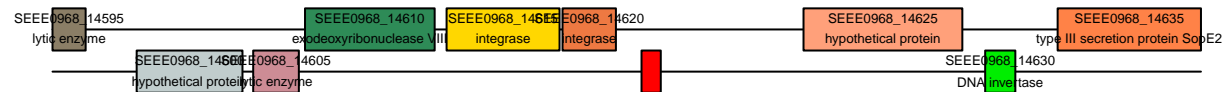
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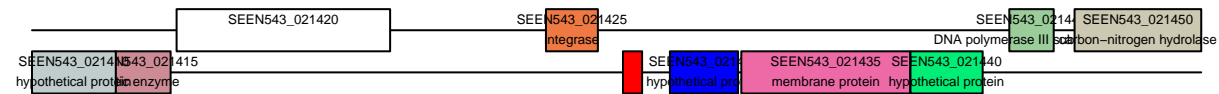
*Escherichia coli* strain MNCRE44



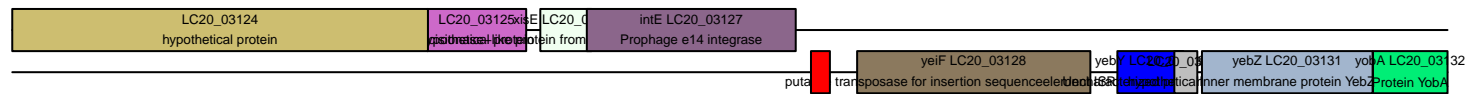
*Pantoea* sp. At-9b



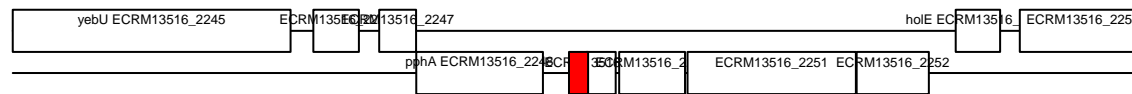
*Salmonella enterica* subsp. *enterica* serovar Enteritidis str. CDC\_2010K\_0968



Salmonella enterica subsp. enterica serovar Newport str. CVM N1543



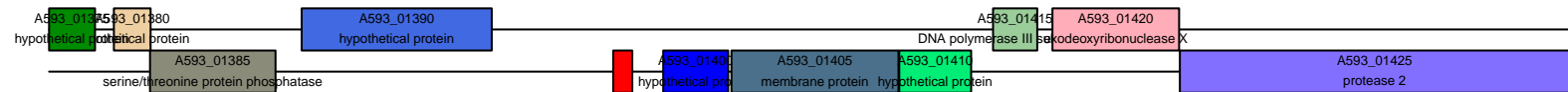
*Yersinia enterocolitica* LC20



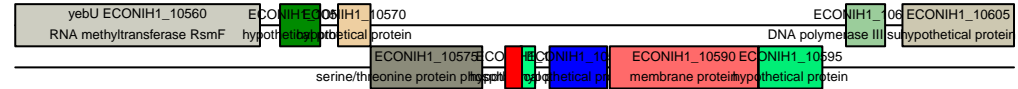
Escherichia coli O145H28 str. RM13516



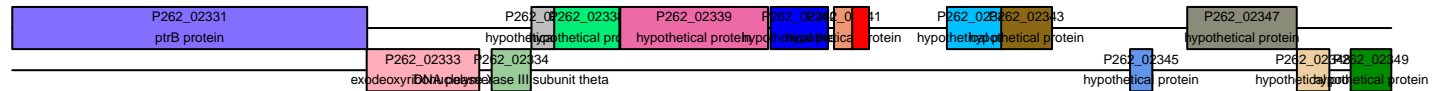
Sodalis praecaptivus strain HS1



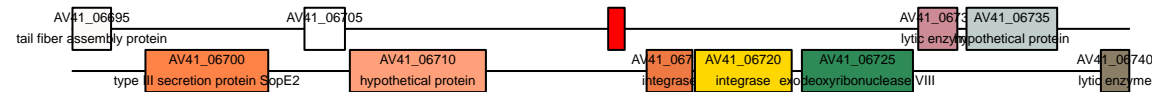
Klebsiella pneumoniae subsp. pneumoniae KP5-1



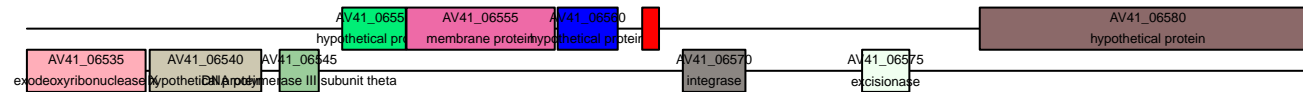
Escherichia coli strain ECONIH1



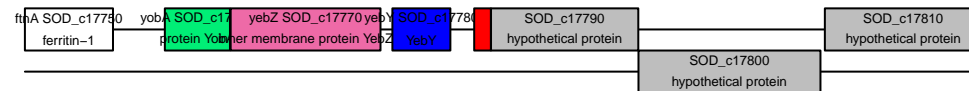
Cronobacter sakazakii CMCC 45402



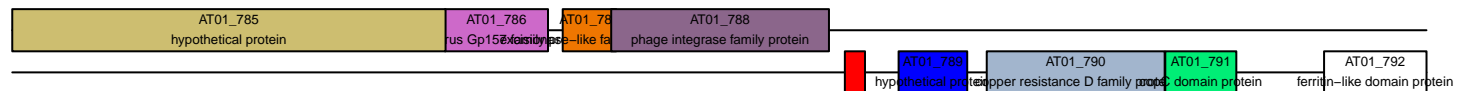
Salmonella enterica subsp. enterica serovar Enteritidis str. EC20121746 genome-p.c.VAL54.69%-taxID1412563



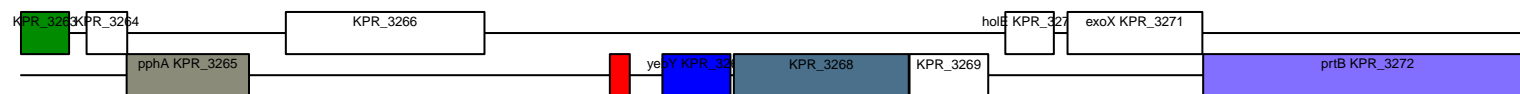
Salmonella enterica subsp. enterica serovar Enteritidis str. EC20121746 genome-p.c.VAL98.02%-taxID1412563



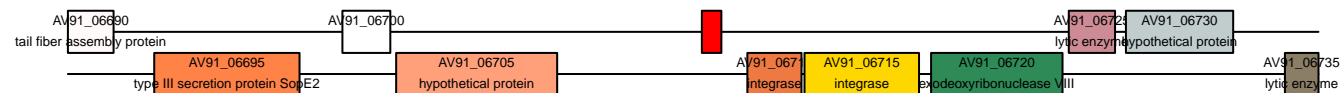
Serratia plymuthica 4Rx13



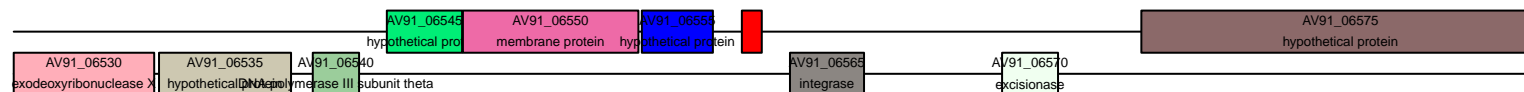
*Yersinia aldovae* 670-83



*Klebsiella pneumoniae* subsp. *rhinoscleromatis* strain SB3432



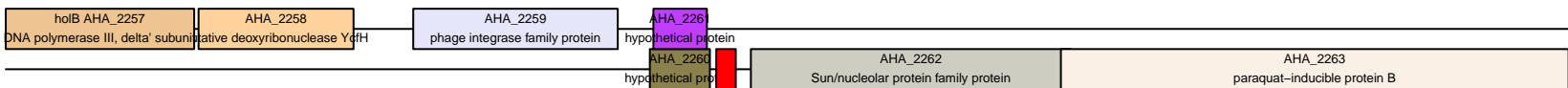
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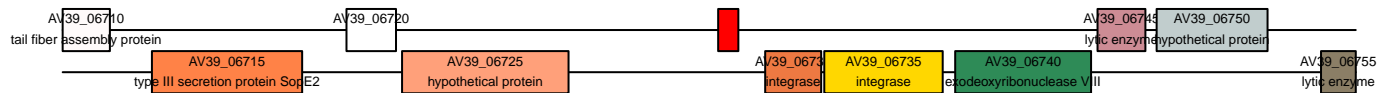
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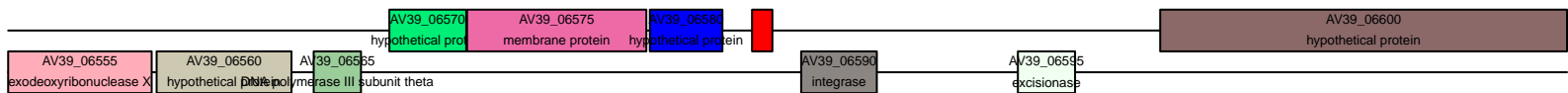
*Alteromonas australica* strain H 17



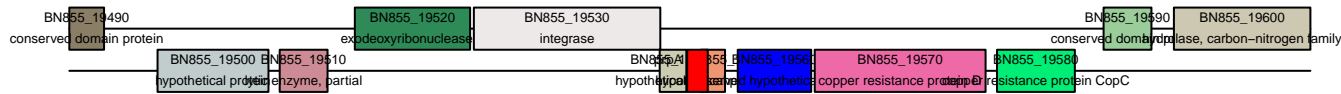
*Aeromonas hydrophila* subsp. *hydrophila* ATCC 7966



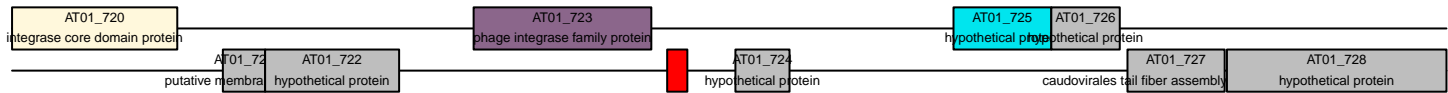
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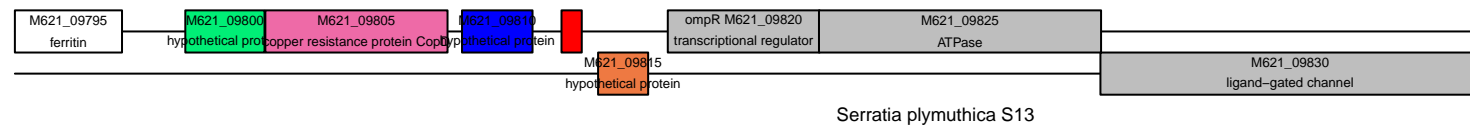
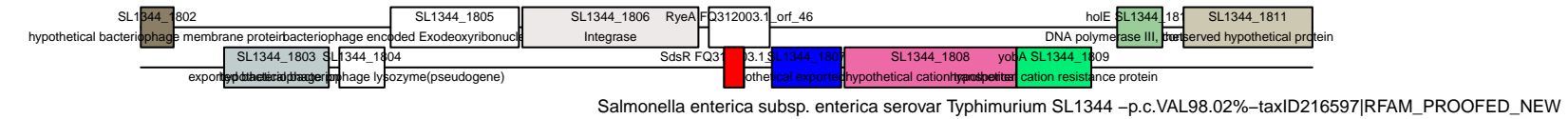
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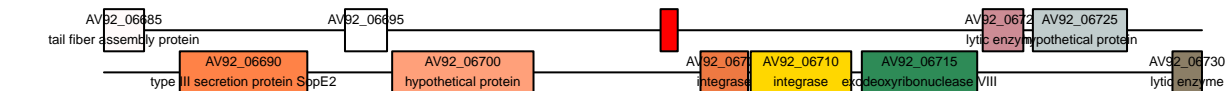


*Salmonella enterica* subsp. *enterica* serovar *Bovismorbificans* str. 3114 -p.c.VAL98.02%-taxID1320309

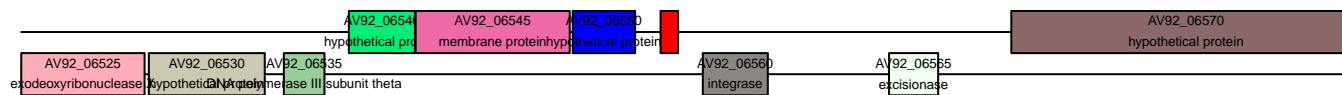


*Yersinia aldovae* 670-83

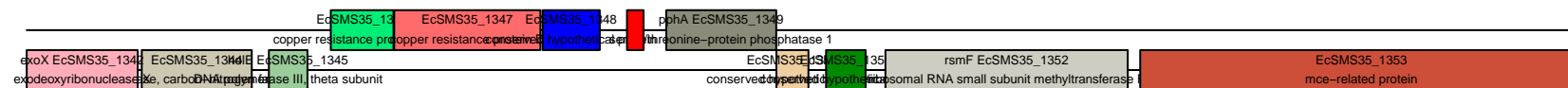




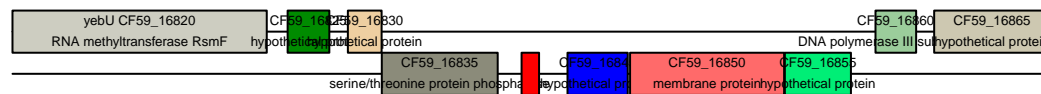
Salmonella enterica subsp. enterica serovar Enteritidis str. EC20120918 genome-p.c.VAL54.69%-taxID1412614



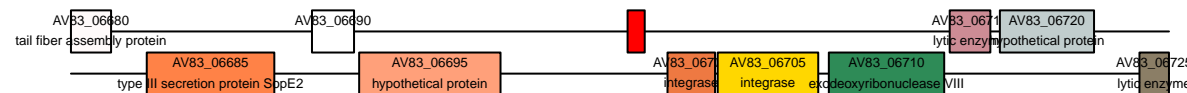
Salmonella enterica subsp. enterica serovar Enteritidis str. EC20120918 genome-p.c.VAL98.02%-taxID1412614



Escherichia coli SMS-3-5

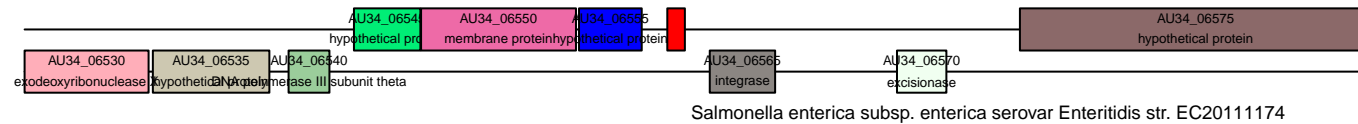
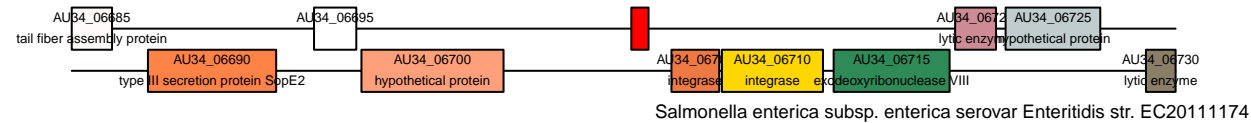
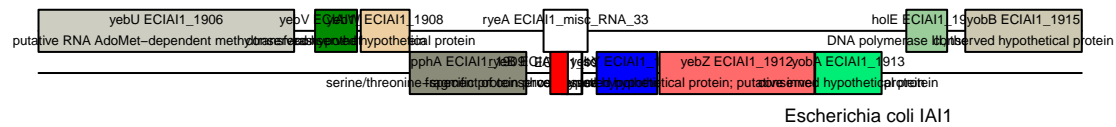
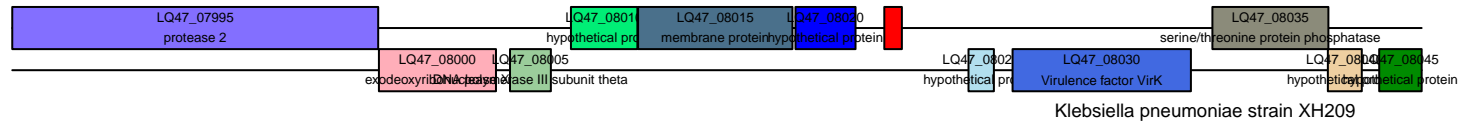
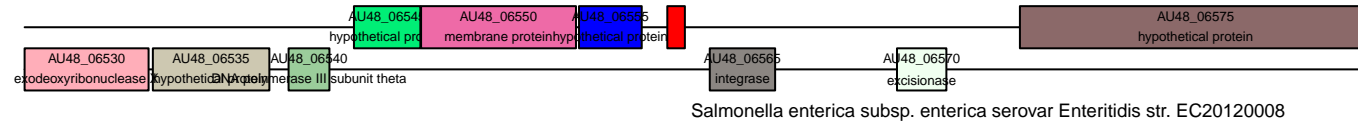


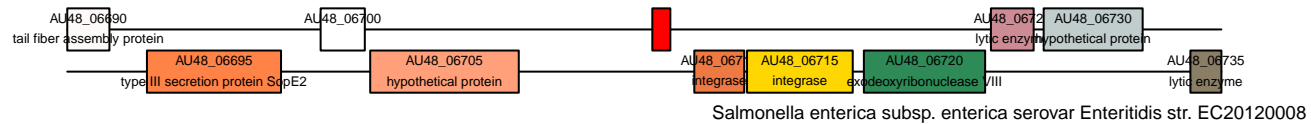
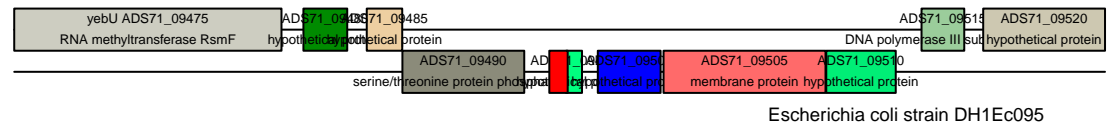
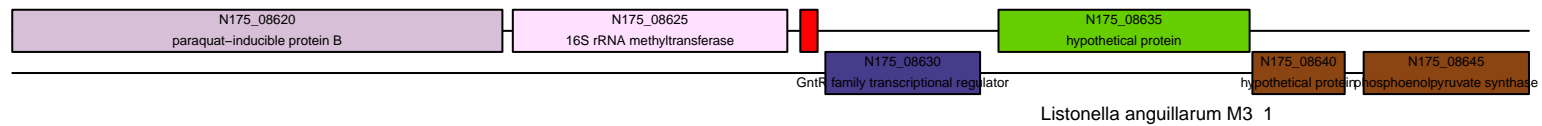
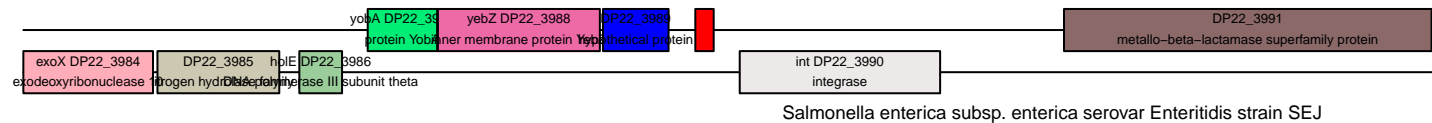
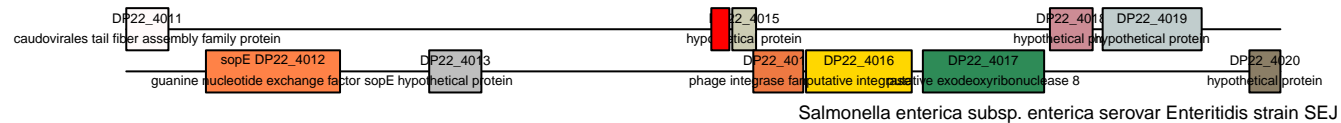
Escherichia coli strain ST2747

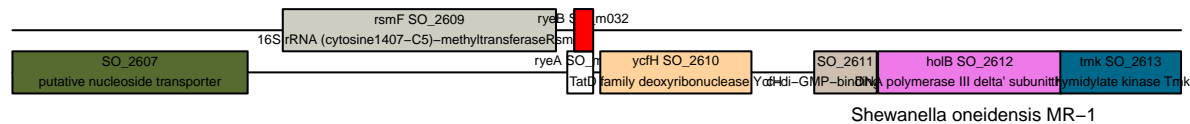


Salmonella enterica subsp. enterica serovar Enteritidis str. EC20120590 genome-p.c.VAL54.69%-taxID1412605

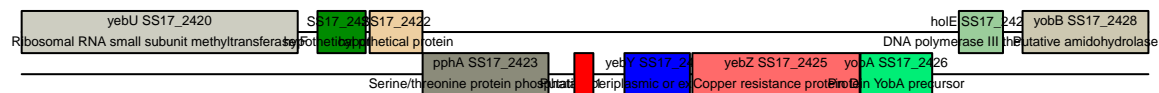




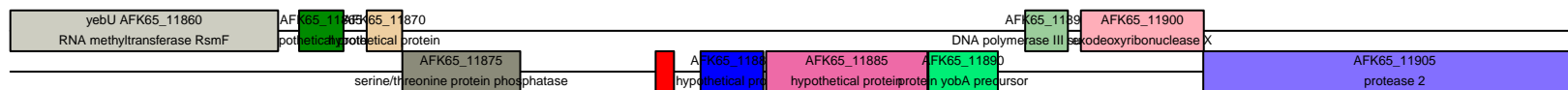




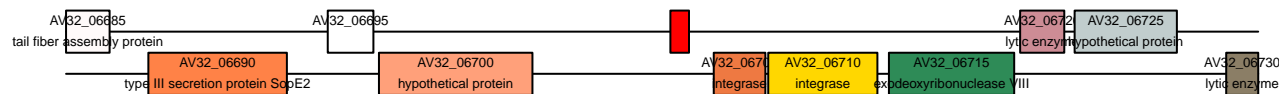
*Shewanella oneidensis* MR-1



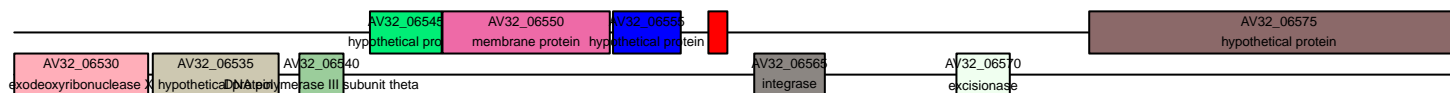
*Escherichia coli* O157H7 str. SS17



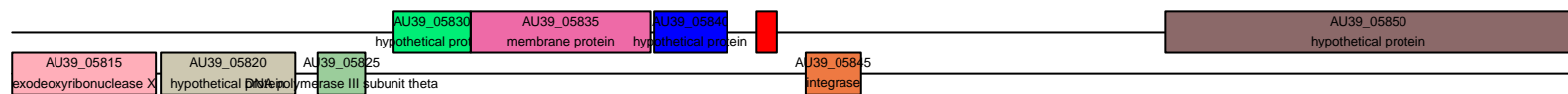
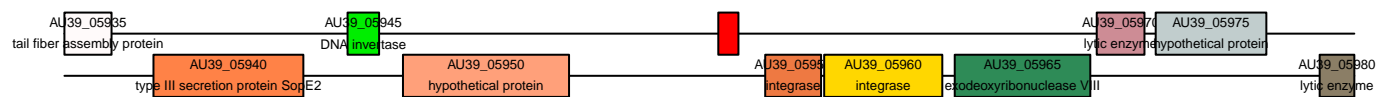
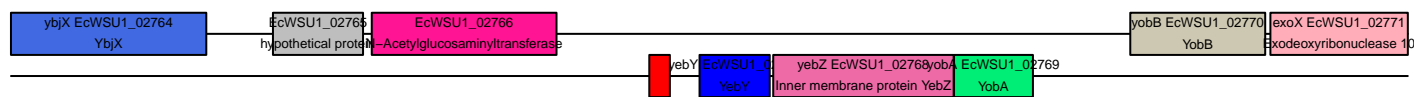
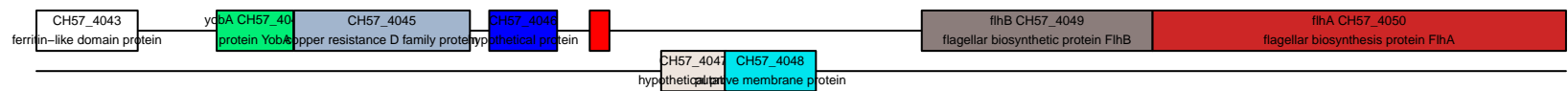
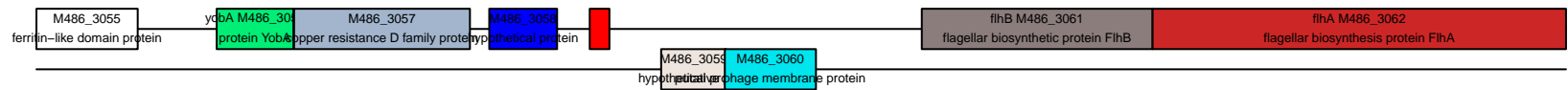
*Cronobacter universalis* NCTC 9529

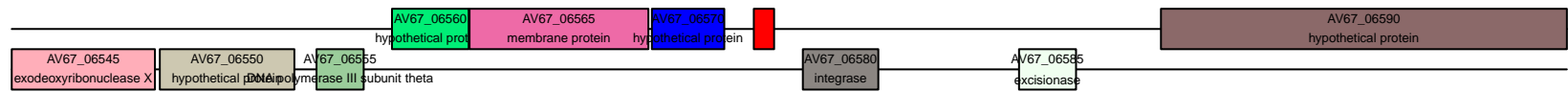


*Salmonella enterica* subsp. *enterica* serovar *Enteritidis* str. EC20121744 genome-p.c.VAL54.69%-taxID1412554

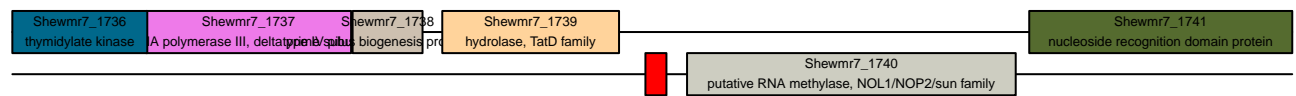


*Salmonella enterica* subsp. *enterica* serovar *Enteritidis* str. EC20121744 genome-p.c.VAL98.02%-taxID1412554

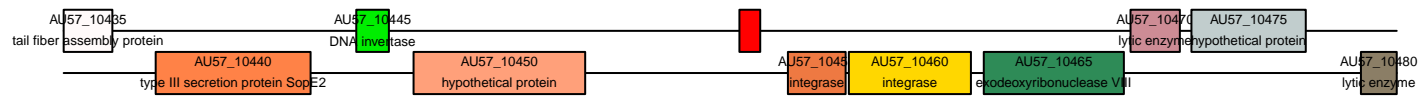




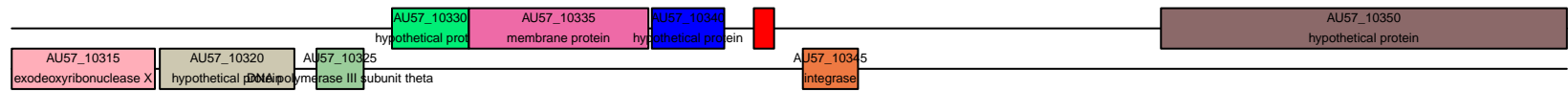
Salmonella enterica subsp. enterica serovar Enteritidis str. EC20130346 genome-p.c.VAL98.02%-taxID1412589



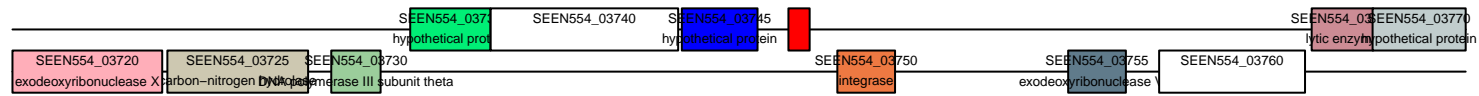
Shewanella sp. MR-7



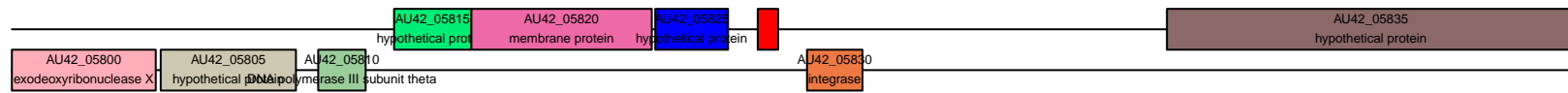
Salmonella enterica subsp. enterica serovar Enteritidis str. SA20094177



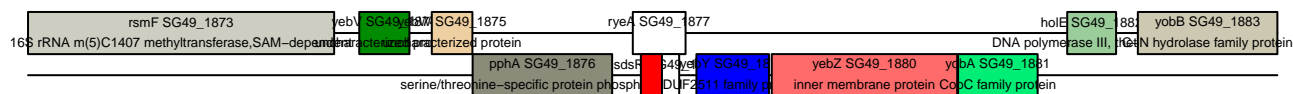
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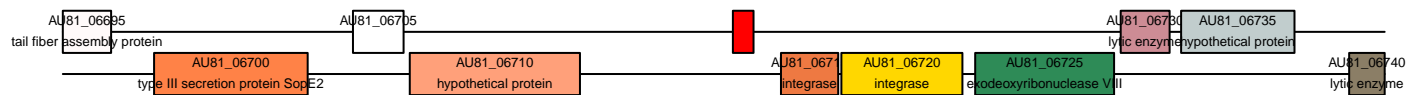
Salmonella enterica subsp. enterica serovar Newport str. CVM 21554



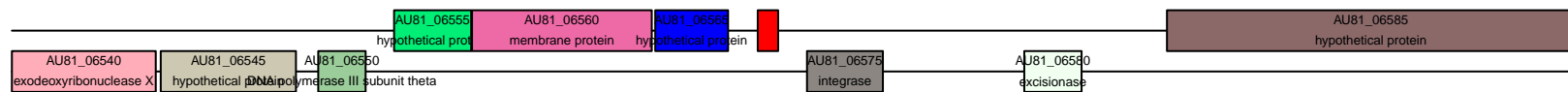
*Salmonella enterica* subsp. *enterica* serovar *Enteritidis* str. EC20100130



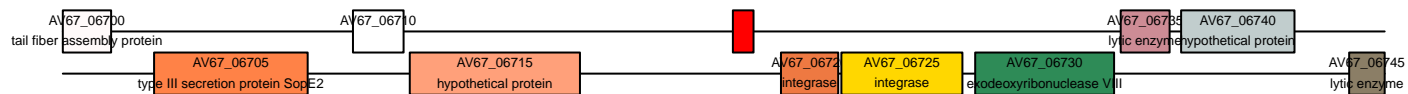
*Escherichia coli* strain SQ88



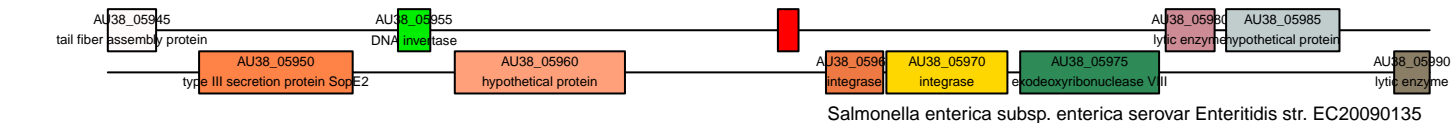
*Salmonella enterica* subsp. *enterica* serovar *Enteritidis* str. SA20094803 genome-p.c.VAL54.69%-taxID1412503



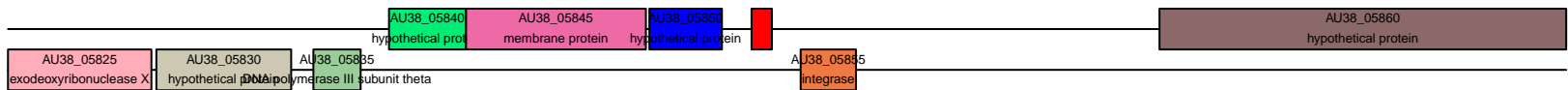
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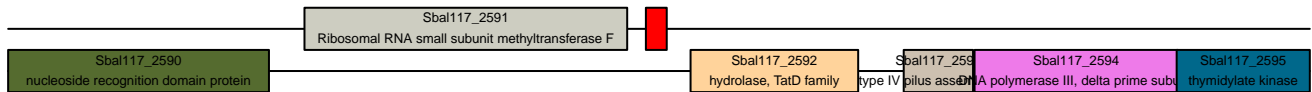
*Salmonella enterica* subsp. *enterica* serovar *Enteritidis* str. EC20130346 genome-p.c.VAL54.69%-taxID1412589



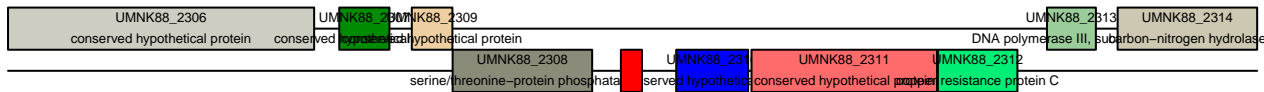
*Salmonella enterica* subsp. *enterica* serovar *Enteritidis* str. EC20090135



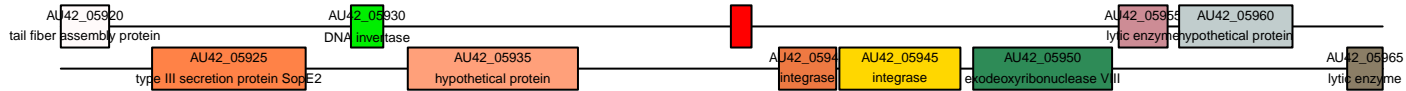
*Salmonella enterica* subsp. *enterica* serovar *Enteritidis* str. EC20090135



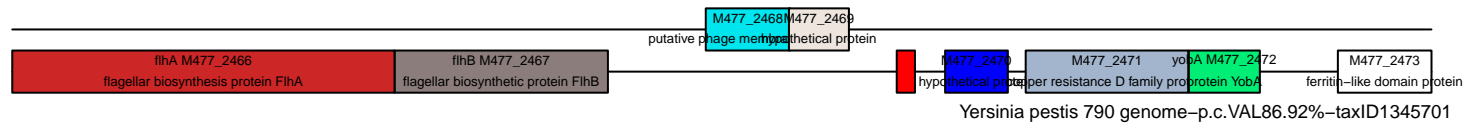
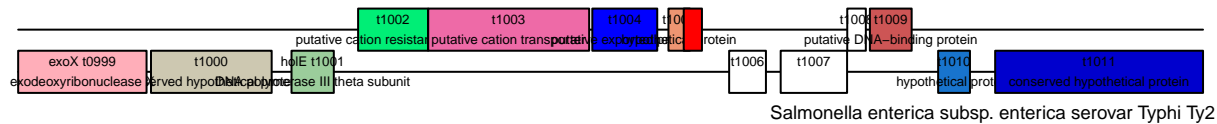
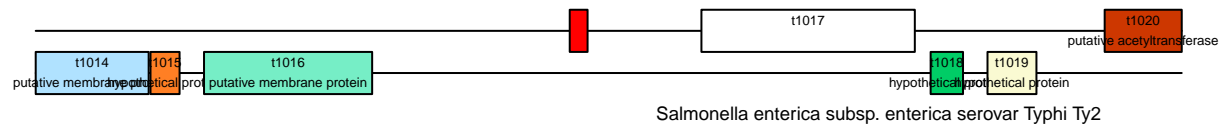
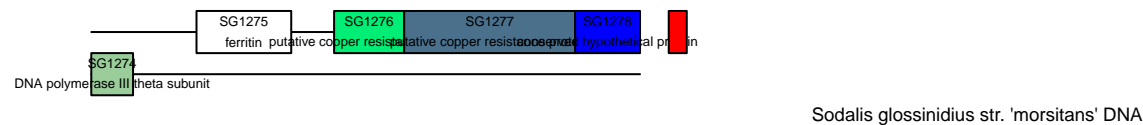
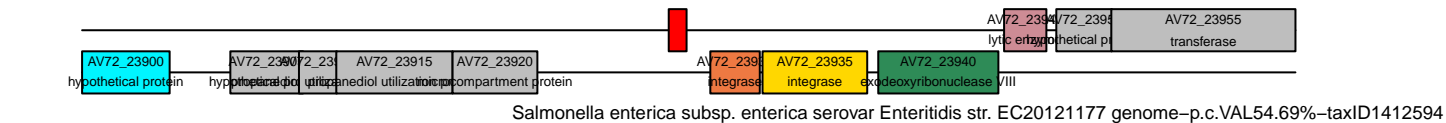
*Shewanella baltica* OS117



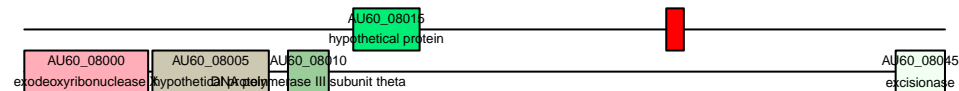
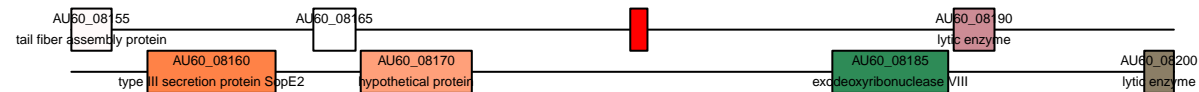
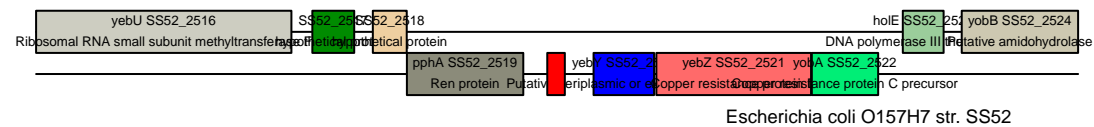
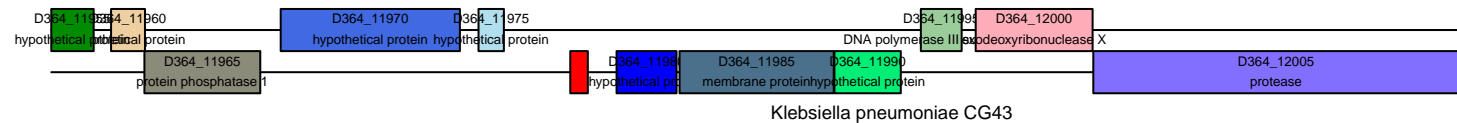
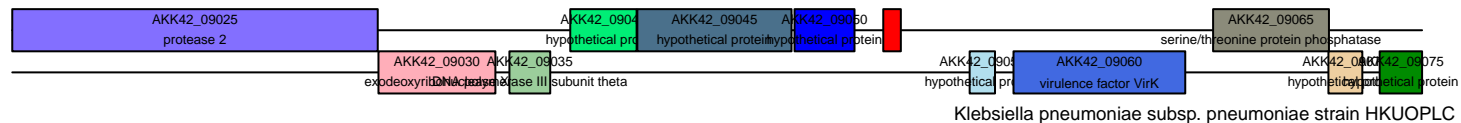
*Escherichia coli* UMNK88

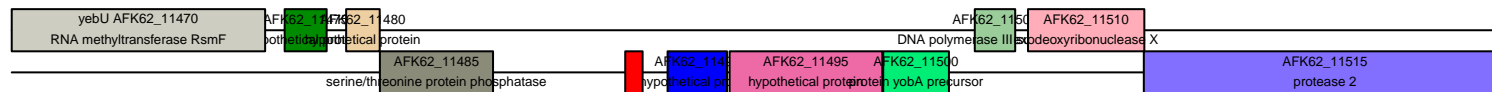


*Salmonella enterica* subsp. *enterica* serovar *Enteritidis* str. EC20100130

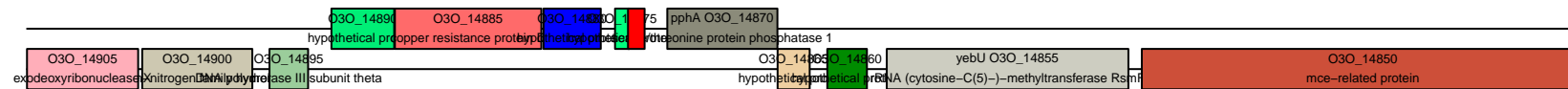




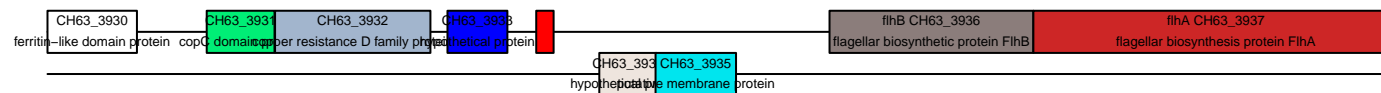




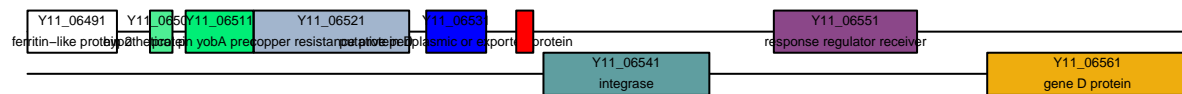
*Cronobacter condimenti* 1330 strain LMG 26250



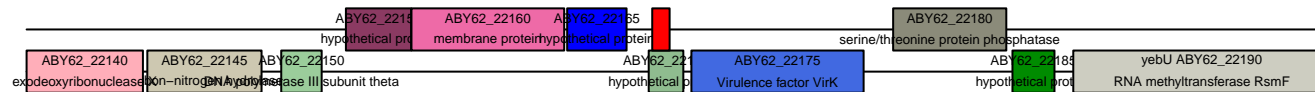
*Escherichia coli* O104H4 str. 2009EL-2071



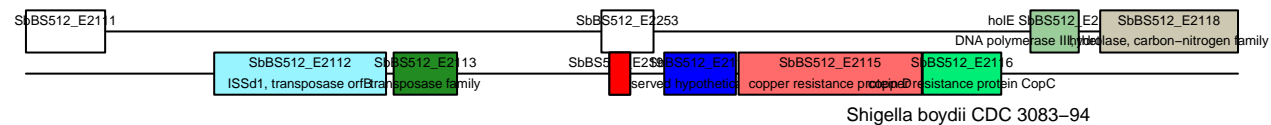
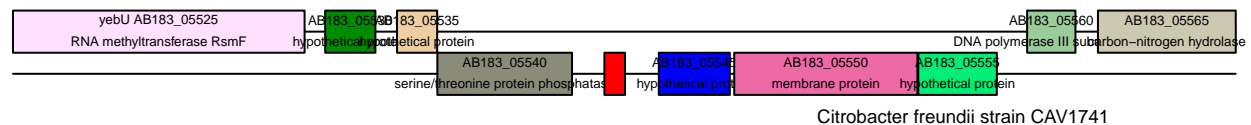
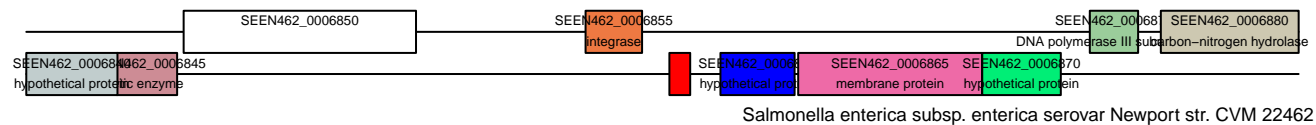
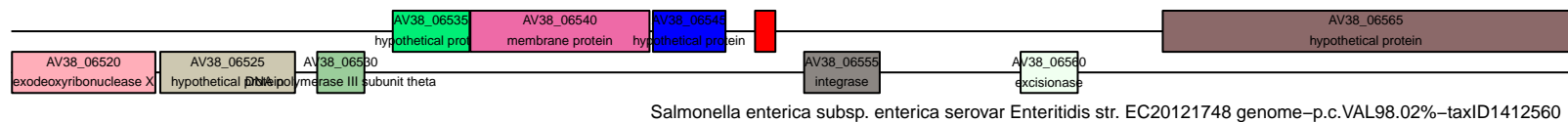
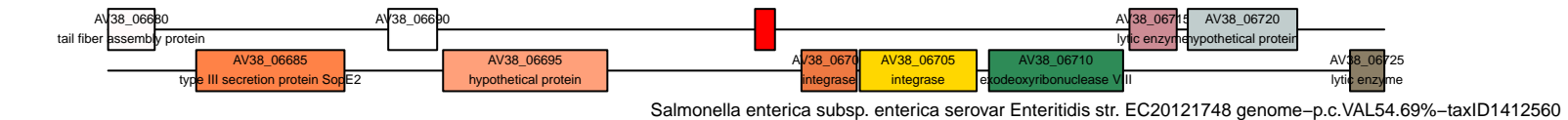
*Yersinia pestis* strain Nicholisk 41

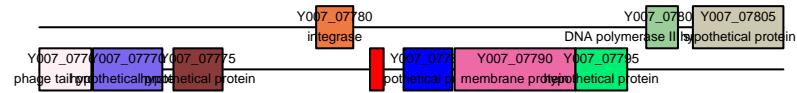


*Yersinia enterocolitica* subsp. palearctica Y11-p.c.VAL83.33%-taxID930944|RFAM\_PROOFED\_NEW

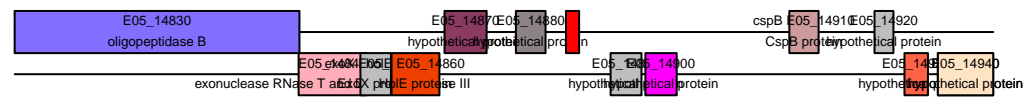


*Enterobacter cloacae* strain CAV1311





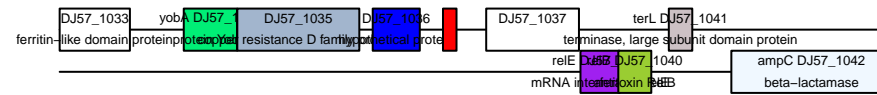
Salmonella enterica subsp. enterica serovar Montevideo str. 507440-20



Plautia stali symbiont DNA



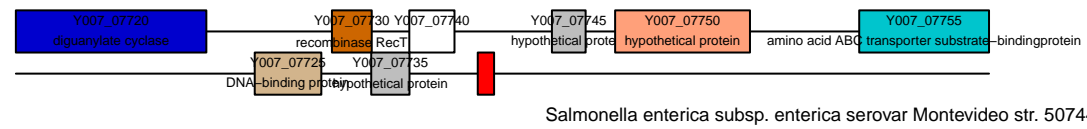
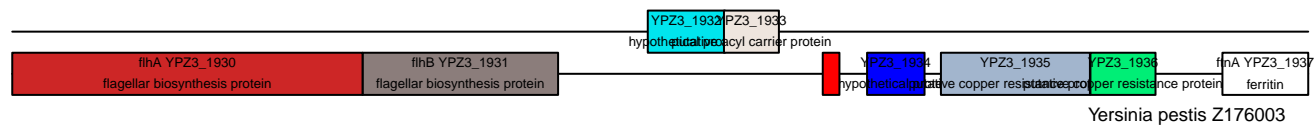
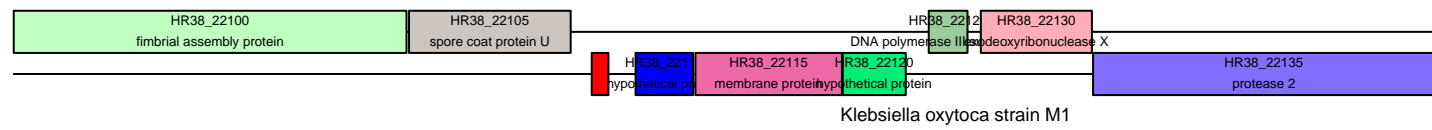
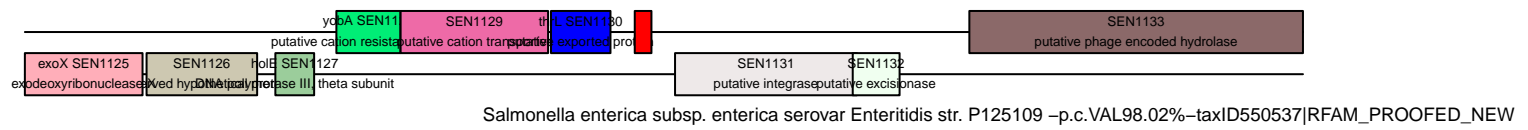
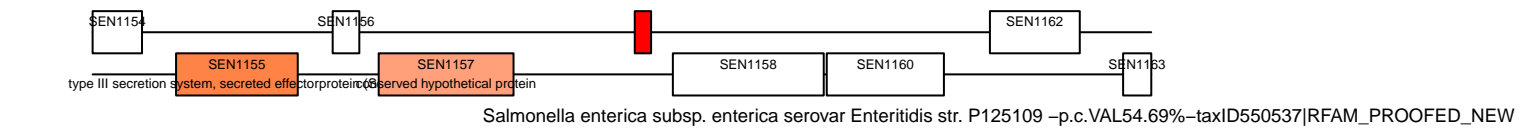
Serratia sp. AS12

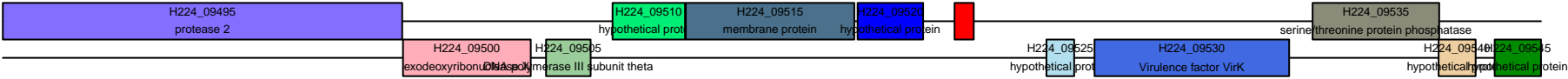


Yersinia kristensenii strain ATCC 33639 genome-p.c.VAL85.98%-taxID28152



Citrobacter freundii CFNIH1





*Klebsiella pneumoniae* UHKPC07