



fhlA hypA hypB hypC hypD hypE

Escherichia\_coli  
Shigella\_flexneri  
Salmonella\_enterica  
Yersinia\_pestis  
Buchnera\_aphidicola  
Haemophilus\_influenzae  
Pasteurella\_multocida  
Candidatus\_Blochmannia  
Vibrio\_vulnificus  
Vibrio\_parahaemolyticus  
Pseudomonas\_putida  
Pseudomonas\_syringae  
Pseudomonas\_aeruginosa  
Shewanella\_oneidensis  
Xylella\_fastidiosa  
Xanthomonas\_axonopodis  
Xanthomonas\_campestris  
Neisseria\_meningitidis  
Chromobacterium\_violaceum  
Nitrosomonas\_europaea  
Ralstonia\_solanacearum  
Bordetella\_bronchiseptica  
Bordetella\_parapertussis  
Bordetella\_pertussis  
Wolinella\_succinogenes  
Campylobacter\_jejuni  
Helicobacter\_hepaticus  
Brucella\_suis  
Mesorhizobium\_loti  
Agrobacterium\_fabrum  
Sinorhizobium\_meliloti  
Bradyrhizobium\_japonicum  
Caulobacter\_crescentus