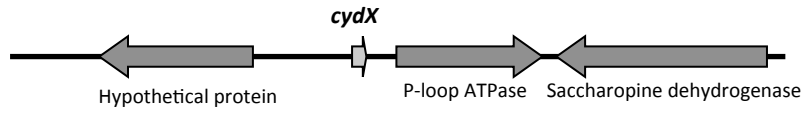
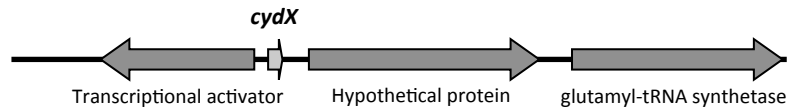


A



```

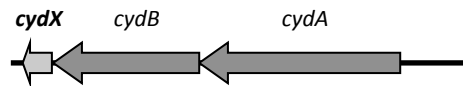
Escherichia      MWYFAWILGTLACSGVITALE-----HVESGKAGQEDI--
Burkholderia    MWYFTWILGIGVALGFGIINVMWLEAGDKFTRDPQARARAVPATPEDAPS
****:****  :* .*:*.:.: **                .. : * **
  
```



```

Escherichia      MWYFAWILGTLACSGVITALEHV--ESGKAGQEDI
Cellvibrio      MWYFTWILGVLLACAFGIINAMWLENAVTDQGHGRQE--
****:****.****:*.*:*.:.: **.. :.:.: **
  
```

B



```

Escherichia      -----MWYFAWILGTLACSGVITALEHVESGKAGQEDI--
Acidithiobacillus MKNLLTFIGLAAVMVLSLFLAVITGDYGPWYFAWLVGTTMIVLISAAGAIMFDRQDEEQQRKQGSTH
****:**** : .. * : :. : . : :.
  
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