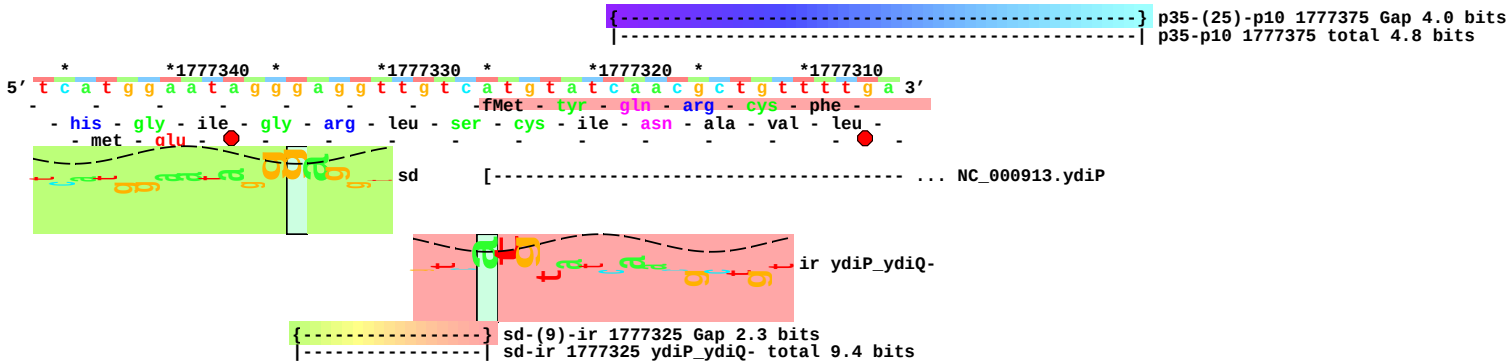
piece 1, NC_000913, ydiP_ydiQ-, config: linear, direction: -, begin: 1777670, end: 1777306
*1777670 *1777660 *1777650 *1777640 *1777630 *1777620 *1777610 *1777600 *1777590
5′ c a c c a g c t t a a a g c a g g t t a t t a t t t c a t g a t t t c t c c t g t g a g t c g c a t a c g g a a c c a t c t c c g a t g g a a g g t a a a a a t 3′
- his - gln - leu - lys - ala - gly - tyr - tyr - phe - his - asp - phe - ser - cys - glu - ser - his - thr - glu - pro - ser - pro - met - glu - gly - lys - asn -
- thr - ser - leu - lys - gln - val - ile - ile - phe - met - ile - ser - pro - val - ser - arg - ile - arg - asn - his - leu - arg - trp - lys - val - lys - met -
- pro - ala -
... ----------] NC_000913.ydiQ
sd
ir ydiP_ydiQ-
sd
ir ydiP_ydiQ-
{----------} sd-(12)-ir 1777642 Gap 4.0 bits
|----------| sd-ir 1777642 ydiP_ydiQ- total 7.2 bits
{----------} sd-(12)-ir 1777604 Gap 4.0 bits
|----------| sd-ir 1777604 ydiP_ydiQ- total 5.6 bits
... ir
sd
{----------} sd-(6)-ir 1777591 Gap 4.3
|----------| sd-ir 1777591 ydiP_ydiQ-
*1777580 *1777570 *1777560 *1777550 *1777540 *1777530 *1777520 *1777510
5′ g g c c t g a a a a t a g t g t g c g a t a g c g g t g c g g g g t t t t c g a c g g a g c a a g c t g t t t t c c t t g c c a a c a a t c t t g c a a a a a a a a 3′
- gly - leu - lys - ile - val - cys - asp - ser - gly - ala - gly - phe - ser - thr - glu - gln - ala - val - phe - leu - ala - asn - asn - leu - ala - lys - lys -
- ala -
-fMet - arg - gly - phe - arg - arg - ser - lys - leu - phe - ser - leu - pro - thr - ile - leu - gln - lys - lys -
-fMet - arg -
[###> orf 20 codons
p35 5.3 bits
... p10
{----------} p35-(24)-p10 1777511 Gap 2.
|----------| p35-p10 1777511 total 6.7 b
... ir ydiP_ydiQ-
p35 6.1 bits
{---------- ... p35-(21)-p10 17774
|---------- ... p35-p10 1777497 to
*1777500 *1777490 *1777480 *1777470 *1777460 *1777450 *1777440 *1777430
5′ a t g c g a t c g c t a a a a c a a a a g t g c a a t t t g c g g c a a t a t a g t t a t t c c a t g a c c g t a c a a t c t t g c a t t c a g t g t a a a t a a 3′
- met - arg - ser - leu - lys - gln - lys - cys - asn - leu - arg - gln - tyr - ser - tyr - ser - met - thr - val - gln - ser - cys - ile - gln - cys - lys -
- cys - asp - arg -
-fMet - gln - phe - ala - ala - ile -
-fMet - his - ser - val -
... p10 3.8 bits
p10 3.3 bits
[###> orf 59 codons
... {----------} p35-(21)-p10 1777497 Gap 3.3 bits
... |----------| p35-p10 1777497 total 6.1 bits
*1777420 *1777410 *1777400 *1777390 *1777380 *1777370 *1777360 *1777350
5′ t c t t g t t t a g c t c t c g c t a a a c g c g g t t g t a t a a c c g c a a t a c a c g c c g t a t t t t a t c c g g c a t a t a t t g t t t t t g c t t g c 3′
-fMet - phe - ser - ser - arg -
-fMet - tyr - asn - arg - asn - thr - arg - arg - ile - leu - ser - gly - ile - tyr - cys - phe - cys - leu - leu -
-fMet - phe - leu - leu - ala -
p35 5.7 bits
p10 5.2 bits
{----------} p35-(23)-p10 1777377 Gap 1.4 bits
|----------| p35-p10 1777377 total 9.4 bits
p10 3.2 bits


{----------} p35-(25)-p10 1777375 Gap 4.0 bits
|----------| p35-p10 1777375 total 4.8 bits
* *1777340 * *1777330 * *1777320 * *1777310
5' t c a t g g a a t a g g g a g g t t g t c a t g t a t c a a c g c t g t t t t g a 3'
- - - - - - - - fMet - tyr - gln - arg - cys - phe -
- his - gly - ile - gly - arg - leu - ser - cys - ile - asn - ala - val - leu -
- met - glu - - - - - - - - - - - - -
sd [---------- ... NC_000913.ydiP
ir ydiP_ydiQ-
{----------} sd-(9)-ir 1777325 Gap 2.3 bits
|----------| sd-ir 1777325 ydiP_ydiQ- total 9.4 bits