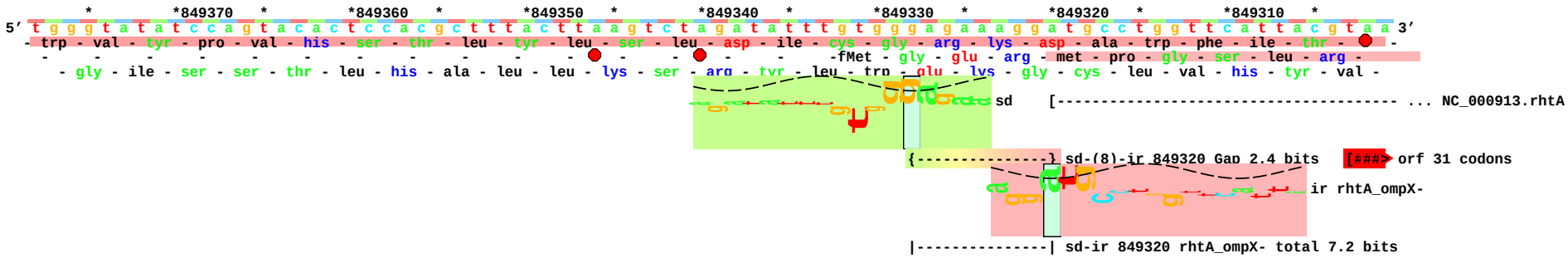
- 1 -
piece 1, NC_000913, rhtA_ompX-, config: linear, direction: -, begin: 849702, end: 849301
*849700 *849690 *849680 *849670 *849660 *849650 *849640 *849630 *
5′ c a g t g c t g a a a g a c a t g c a a t t t t t t t c a t a a c c a c c t c a a a t g t g a t t c a a a t a a g t c c t a a g t t t t a a a t a t a t c a a a a 3′
- gln - cys -
- ser - ala - glu - arg - his - ala - ile - phe - phe - ile - thr - thr - ser - asn - val - ile - gln - ile - ser - pro - lys - phe -
- val - leu - lys - asp - met - gln - phe - phe - ser - -fMet -
... ----------] NC_000913.ompX
p35 5.6 bits
... p35-(24)-p10 84961
... p35-p10 849612 tot
*849620 *849610 *849600 *849590 *849580 *849570 *849560 *849550 *
5′ a t t a a t g t g g a a a c t c t t c g c g a t t t g t g a t g t c t a a c g g g c c a t t t c a t g t a a c a g a a c g t t t c c a t a c a c c g c t a t c c a t 3′
-fMet - gly - asn - ser - ser - arg - phe - val - met - ser - asn - gly - pro - phe - his - val - thr - glu - arg - phe - his - thr - pro - leu - ser - ile -
-fMet -
-fMet -
p10 2.4 bits
ir rhtA_ompX-
... ----------} p35-(24)-p10 849612 Gap 2.4 bits
sd
[###> orf 2 codons
p10 1.5 bits
... ----------| p35-p10 849612 total 5.6 bits
{----------} sd-(8)-ir 849574 Gap 2.4 bits
|----------| sd-ir 849574 rhtA_ompX- total 6.9 bits
p35 5.3 bits
p35 5.2 bits
{----------} p35-(23)-p10 849554 Gap 1.4 bits
|----------| p35-p10 849554 total 5.4 bits
{----------} ... p35-(22)-p10 84953
|----------| ... p35-p10 849538 tot
{----------} ... p35-(23)-p10 84953
|----------| ... p35-p10 849537 tot
*849540 *849530 *849520 *849510 *849500 *849490 *849480 *849470 *849460
5′ c t a a a t t t a a a t c a c t t t t t c a g a g a a c t g c g t a a g t a t t a c g c a t g t t t t c c c t g t c a t t c a t c c a g a t t a t t c c t a a t c 3′
-fMet - phe - ser - leu - ser - phe - ile - gln - ile - ile - pro - asn - his -
p10 5.7 bits
p10 0.6 bits
... ----} p35-(22)-p10 849538 Gap 2.3 bits
... ----| p35-p10 849538 total 8.6 bits
... ------} p35-(23)-p10 849537 Gap 1.4 bits
... ------| p35-p10 849537 total 4.4 bits
* *849450 *849440 *849430 *849420 *849410 *849400 *849390 *849380
5′ a c c a g a c t a a t g a t t c c a t c a a t c c t g g c g c a t t t t a g t c a a a a a c g g g g g a a a a t t t t t t c a a c a a a t g c t c a a c c a g c a t 3′
-fMet - ile - pro - ser - ile - leu - ala - his - phe - ser - gln - asn - gly - gly - lys - phe - phe - gln - gln - met - leu - asn - gln - his -
- gln - thr - asn - asp - ser - ile - asn - pro - gly - ala - phe -
sd
ir rhtA_ompX-
{----------} sd-(17)-ir 849393 Gap 6.5 bits
|----------| sd-ir 849393 rhtA_ompX- total 5.2 bits


* *849370 * *849360 * *849350 * *849340 * *849330 * *849320 * *849310 *
5′ t g g g t a t a t c c a g t a c a c t c c a c g c t t t a c t t a a g t c t a g a t a t t t g t g g g a g a a a g g a t g c c t g g t t c a t t a c g t a a 3′
- trp - val - tyr - pro - val - his - ser - thr - leu - tyr - leu - ser - leu - asp - ile - cys - gly - arg - lys - asp - ala - trp - phe - ile - thr -
- - - -