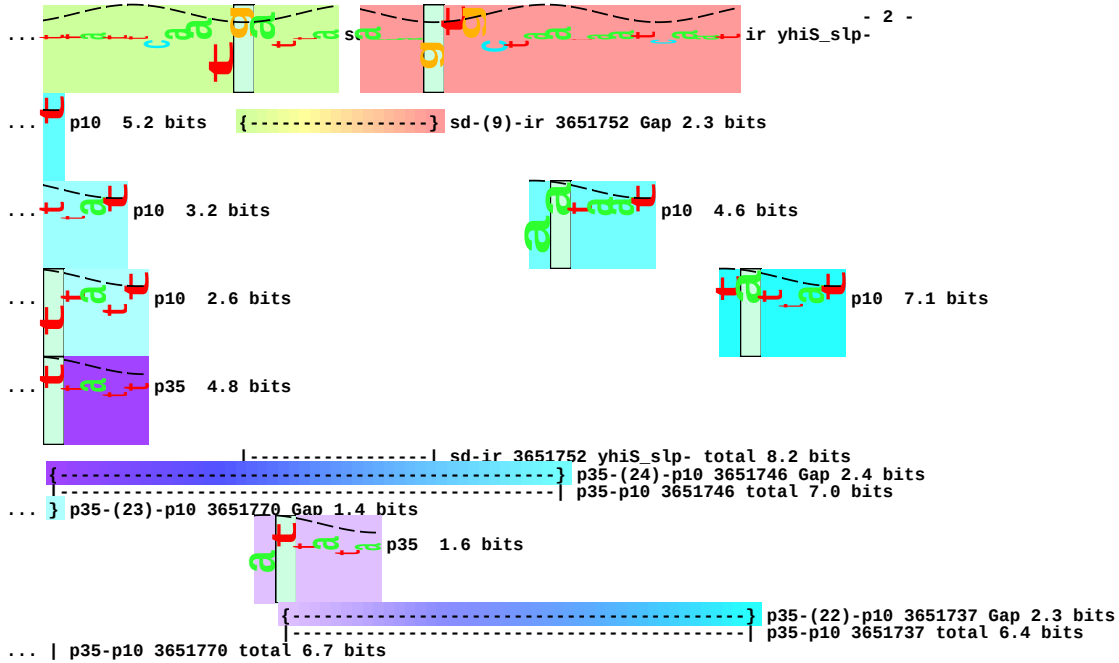
piece 1, NC_000913, yhiS_slp-, config: linear, direction: -, begin: 3652013, end: 3651717
*3652010 *3652000 *3651990 *3651980 *3651970 *3651960 *3651950 *3651940 *
5′ g a g g a t g a g t g c a c c t t t t g t c a t g t t c a t g t t a c t a t c c t t a t c a a c a a a t a t t a a a a c c a t a a t a g a t a t t t c t t t a t a 3′
- glu - asp - glu - cys - thr - phe - cys - his - val - his - val - thr - ile - leu - ile - asn - lys - tyr -
- arg - met - ser - ala - pro - phe - val - met - phe - met - leu - leu - ser - leu - ser - thr - asn - ile - lys - thr - ile - ile - asp - ile - ser - leu -
- gly - -fMet - his - leu - leu - ser - cys - ser - cys - tyr - tyr - pro - tyr - gln - gln - ile - leu - lys - pro -
... ----------] NC_000913.slp
p35 2.7 bits
... p10
{----------} p35-(24)-p10 3651935 Gap 2.
|----------| p35-p10 3651935 total 6.1 b
*3651930 *3651920 *3651910 *3651900 *3651890 *3651880 *3651870 *3651860 *
5′ g t t t t c a t c t g a t t c t g a g g t g a t a t g c c t g a t a g t a a c g t a a a c c t g t c t g a t g t t t t a t a t c c t t t c t g t t t a g g t g a a c 3′
-fMet - pro - asp - ser - asn - val - asn - leu - ser - asp - val - tyr - ile - leu - ser - val - -fMet - asn -
-fMet - ile - cys - leu - ile - val - thr - -fMet - phe - ile - ser - phe - leu - phe - arg -
... p10 5.9 bits
ir yhiS_slp-
[###> orf 17 codons
sd
p35 3.5 bits
{---------} sd-(5)-ir 3651908 Gap 5.4 bits
|---------| sd-ir 3651908 yhiS_slp- total 8.4 bits
... p35-(22)-p10 36518
... p35-p10 3651845 to
*3651850 *3651840 *3651830 *3651820 *3651810 *3651800 *3651790 *3651780 *
5′ t c a g t t a a t t t t g g g g c g t g a c a t g a a t a t c c a t c a c c c c a t a a t a t a g t g c a t t g t t t t a a a g t a c a t a a a t c t a t t t 3′
- ser - val - asn - phe - gly - ala -
-fMet - gly - arg - asp - met - asn - ile - his - his - pro - ile - ile -
-fMet - thr - -fMet - his - cys - phe - lys - ser - thr -
-fMet - phe -
p10 4.4 bits
ir yhiS_slp-
[###> orf 9 codons
p35 4.7 bits
... sd
sd
p35 3.5 bits
p10 6.3 bits
p35 5.6 bits
... p10
... ----------} p35-(22)-p10 3651845 Gap 2.3 bits
p10 5.9 bits
... p10
... ----------| p35-p10 3651845 total 5.5 bits
{----------} p35-(22)-p10 3651806 Gap 2.3 bits
... p10
{----------} sd-(7)-ir 3651829 Gap 3.7 bits
p35 4.8 bits
... p35
|----------| sd-ir 3651829 yhiS_slp- total 9.3 bits
p35 0.3 bits
{----------} p35-(23)-p10 3651774 Gap 1.4
|----------| p35-p10 3651774 total 8.6 bit
{----------} p35-(23)-p10 3651809 Gap 1.4 bits
|----------| p35-p10 3651809 total 5.2 bits
{---------- ... p35-(23)-p10 36517
|----------| p35-p10 3651806 total 7.0 bits
{----------} p35-(23)-p10 3651771 Ga
|----------| p35-p10 3651771 total 6
|---------- ... p35-p10 3651770 to
*3651770 *3651760 *3651750 *3651740 *3651730 *3651720
5′ t t a t t c a a t g a t t a t a a a g t g c t a a t a a t c a a t a t t a t g g t a t t a t a t t c t g g t 3′
-fMet - leu - ile - ile - asn - ile - met - val - leu - tyr - ser - gly -
-fMet - ile - ile - lys - cys -
-fMet


... s ir yhiS_slp-
... p10 5.2 bits {----------} sd-(9)-ir 3651752 Gap 2.3 bits
... p10 3.2 bits
p10 4.6 bits
... p10 2.6 bits
p10 7.1 bits
... p35 4.8 bits
|----------| sd-ir 3651752 yhiS_slp- total 8.2 bits
{----------} p35-(24)-p10 3651746 Gap 2.4 bits
|----------| p35-p10 3651746 total 7.0 bits
... } p35-(23)-p10 3651770 Gap 1.4 bits
p35 1.6 bits
{----------} p35-(22)-p10 3651737 Gap 2.3 bits
|----------| p35-p10 3651737 total 6.4 bits
... | p35-p10 3651770 total 6.7 bits