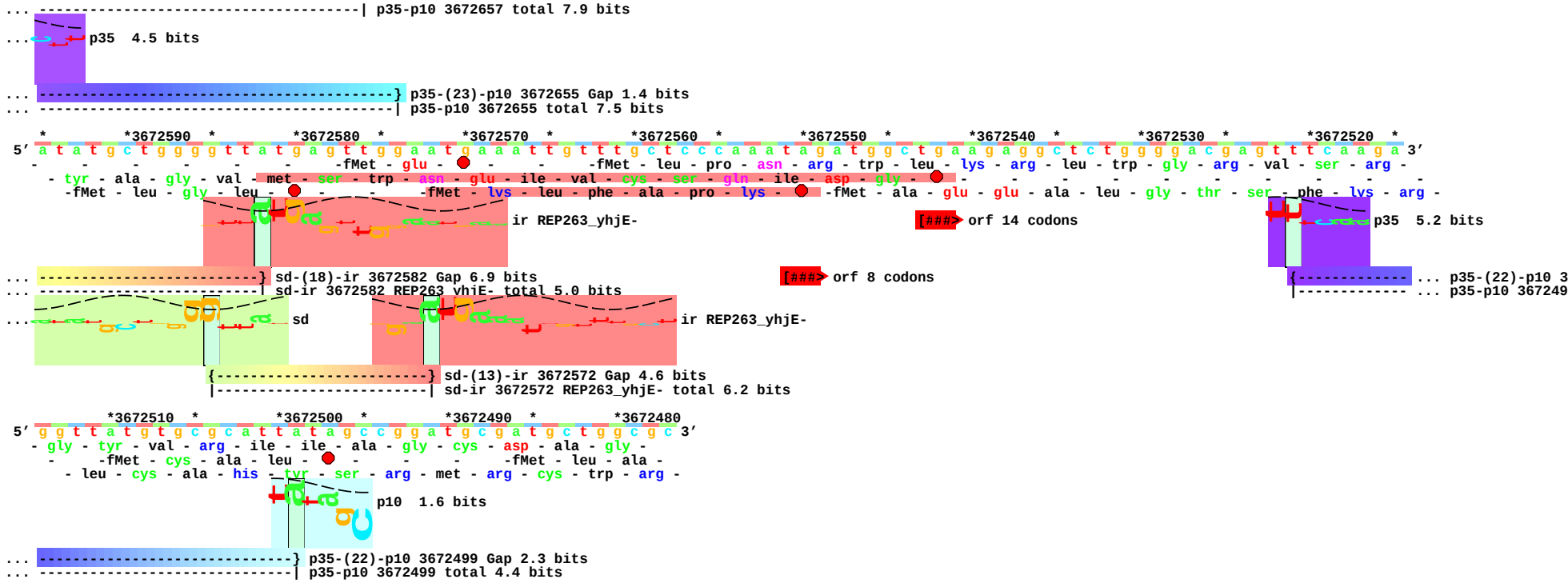
piece 1, NC_000913, REP263_yhjE-, config: linear, direction: -, begin: 3672838, end: 3672477
*3672830 *3672820 *3672810 *3672800 *3672790 *3672780 *3672770 *3672760
5′ g t g g t c g a g t g t t g t g g c t g t t g c t t g c a t a a t c t t t t c t t a t t t t t t g g c t a a c g a a t a g c c a t a t t a c g c a c a g c a a a a 3′
-fMet - val - glu - cys - cys - gly - cys - cys - leu - his - asn - leu - phe - leu - phe - phe - gly -
- trp - ser - ser - val - val - ala - val - ala - cys - ile - ile - phe - ser - tyr - phe - leu - ala - asn - glu -
- gly - arg - val - leu - trp - leu - leu - leu - ala -
... ----------] NC_000913.yhjE
p10 1.3 bits
... sd
p35 2.5 bits
p10 5.5 bits
p35 3.9 bits
p10 2.8 bits
{----------} p35-(26)-p10 3672810 Gap 3.7 bits
|----------| p35-p10 3672810 total 4.3 bits
p35 5.3 bits
{----------} p35-(22)-p10 3672773 Gap 2.3 bits
{----------} p35-(22)-p10 3672795 Gap 2.3 bits
|----------| p35-p10 3672795 total 4.3 bits
|----------| p35-p10 3672773 total 4.4 bits
*3672750 *3672740 *3672730 *3672720 *3672710 *3672700 *3672690 *3672680
5′ g t g a t a t t t c a a t g t g t a a c a a a t c g c g g a a a t g g t c a a a a a t c a g g c a a a a a g g g g a t a a t g t t t a g g c a g t g a t t t t t 3′
-fMet - ile - phe - gln - cys - val - thr - asn - arg - gly - asn - gly - gln - lys - ser - gly - lys - lys - gly - ile - met - phe - arg - pro - val - ile - phe -
-fMet - val - lys - asn - gln - ala - lys - arg - gly -
-fMet - cys - asn - lys - ser - arg - lys - trp - ser - lys - ile - arg - gln - lys - gly - asp - asn - val -
... sd ir REP263_yhjE- sd [###> orf 19 codons ... p35
{----------} sd-(9)-ir 3672746 Gap 2.3 bits
p10 3.8 bits
ir REP263_yhjE-
|----------| sd-ir 3672746 REP263_yhjE- total 5.5 bits
{----------} sd-(14)-ir 3672697 Gap 4.9 bits
{----- ... p35-(22)-p10 36726
p35 2.0 bits
p35 3.4 bits
|----------| sd-ir 3672697 REP263_yhjE- total 7.7 bits
{----------} p35-(23)-p10 3672719 Gap 1.4 bits
p10 4.3 bits
|----- ... p35-p10 3672657 to
|----------| p35-p10 3672719 total 4.4 bits
... p35
{----------} p35-(24)-p10 3672700 Gap 2.4 bits
|----------| p35-p10 3672700 total 5.3 bits
{--- ... p35-(23)-p10 36726
|--- ... p35-p10 3672655 to
*3672670 *3672660 *3672650 *3672640 *3672630 *3672620 *3672610 *3672600
5′ c t t c t a t g a a a t g c t t c a c a t a a t t t t a t a a a t a g t g g a t a a a a c t g g t t t c a g g t t a a a t a a a a g t t a c c a a c t g g a t t t 3′
- leu - leu -
-fMet - leu - his - ile - ile - leu -
-fMet - asp - lys - thr - gly - phe - arg - leu - asn - lys - ser - tyr - gln - leu - asp - leu -
-fMet - lys - cys - phe - thr -
... p35 4.8 bits
p10 5.5 bits
sd
[###> orf 10 codons
p10 4.4 bits
{--------- ... sd-(18)-ir 3672582
... ----------} p35-(22)-p10 3672657 Gap 2.3 bits
|--------- ... sd-ir 3672582 REP2
... sd


... ----------| p35-p10 3672657 total 7.9 bits
p35 4.5 bits
... ----------} p35-(23)-p10 3672655 Gap 1.4 bits
... ----------| p35-p10 3672655 total 7.5 bits
*3672590 *3672580 *3672570 *3672560 *3672550 *3672540 *3672530 *3672520 *
5' a t a t g c t g g g g t t a t g a g t t g g a a t g a a a t t g t t t g c t c c c a a a t a g a t g g c t g a a g a g g c t c t g g g g a c g a g t t t c a a g a 3'
- - - - - - -fMet - glu - - - -fMet - leu - pro - asn - arg - trp - leu - lys - arg - leu - trp - gly - arg - val - ser - arg -
- tyr - ala - gly - val - met - ser - trp - asn - glu - ile - val - cys - ser - gln - ile - asp - gly - - - - - - - - - -
-fMet - leu - gly - leu - - - -fMet - lys - leu - phe - ala - pro - lys - -fMet - ala - glu - glu - ala - leu - gly - thr - ser - phe - lys - arg -
ir REP263_yhjE-
[###> orf 14 codons
p35 5.2 bits
... ----------} sd-(18)-ir 3672582 Gap 6.9 bits
... ----------| sd-ir 3672582 REP263_yhjE- total 5.0 bits
[###> orf 8 codons
{---------- ... p35-(22)-p10 3
|---------- ... p35-p10 367249
... sd
ir REP263_yhjE-
{----------} sd-(13)-ir 3672572 Gap 4.6 bits
|----------| sd-ir 3672572 REP263_yhjE- total 6.2 bits
*3672510 *3672500 *3672490 *3672480
5' g g t t a t g t g c g c a t t a t a g c c g g a t g c g a t g c t g g c g c 3'
- gly - tyr - val - arg - ile - ile - ala - gly - cys - asp - ala - gly -
- -fMet - cys - ala - leu - - - - -fMet - leu - ala -
- leu - cys - ala - his - tyr - ser - arg - met - arg - cys - trp - arg -
p10 1.6 bits
... ----------} p35-(22)-p10 3672499 Gap 2.3 bits
... ----------| p35-p10 3672499 total 4.4 bits