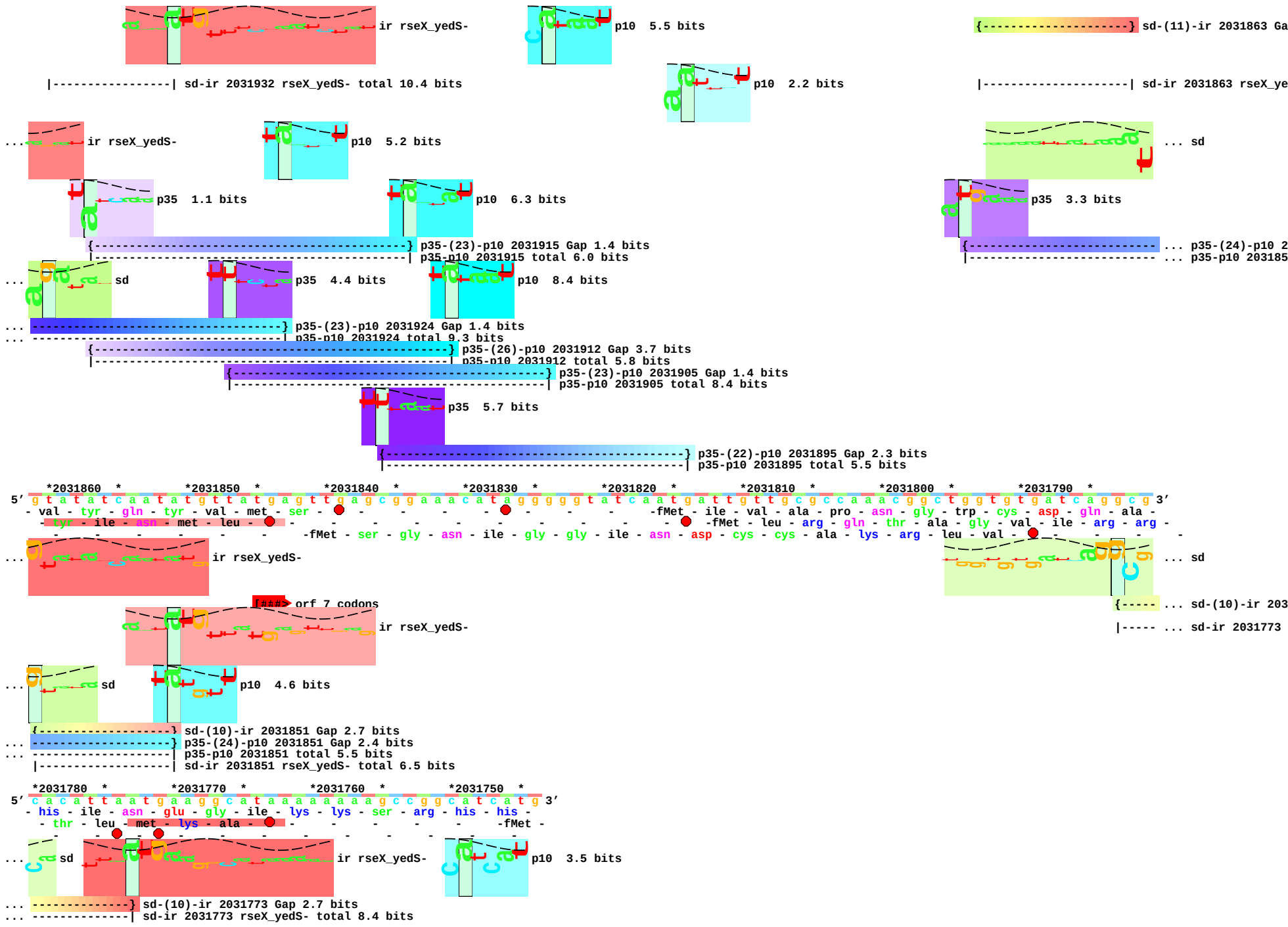
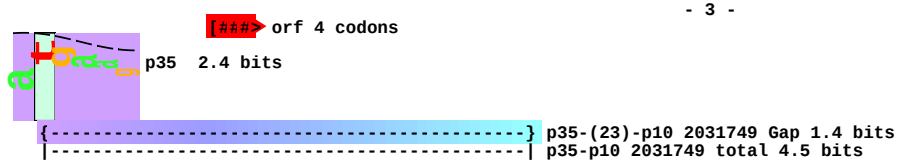
piece 1, NC_000913, rseX_yedS-, config: linear, direction: -, begin: 2032104, end: 2031744

*2032100 *2032090 *2032080 *2032070 *2032060 *2032050 *2032040 *2032030 *
5′ g a c c a g c a t t g c c a g a a c t t t t c t t t t c a t t a t g t a t t c c c t t g t g a t t a t a a t c t t c a t g a a t a t a t c a a t a a g t g c c g t 3′
- asp - gln - his - cys - gln - asn - phe - ser - phe - his - tyr - val - phe - pro - cys - asp - tyr - asn - leu - his - glu - tyr - ile - asn - lys - cys - arg -
- thr - ser - ile - ala - arg - thr - phe - leu - phe - ile - met - tyr - ser - leu - val - ile - ile - ile - phe - met - asn - ile - ser - ile - ser - ala - val -
- pro - ala - leu - pro - glu - leu - phe - phe - ser - leu - cys - ile - pro - leu - -fMet - pro - leu -
p35 6.1 bits
p10 1.7 bits
p10 8.4 bits
} p35-(26)-p10 2032069 Gap 3.7 bits
| p35-p10 2032069 total 4.0 bits
p35 4.6 bits
p10 3.0 bits
} p35-(22)-p10 2032058 Gap 2.3 bits
| p35-p10 2032058 total 5.3 bits
p35 5.3 bits
p10 5.2 bits
} p35-(24)-p10 2032055 Gap 2.4 bits
| p35-p10 2032055 total 11.3 bits
} p35-(26)-p10 2032053 Gap 3.7 bits
| p35-p10 2032053 total 6.8 bits
*2032020 *2032010 *2032000 *2031990 *2031980 *2031970 *2031960 *2031950 *
5′ t a t c c a a a a a a a g c a c a t t t g g a t a c t a t t c t a t g a a g t t c a t t t t a t t t t a a g g a t t a c a t g t a a c a a a t g t a t t t a a a 3′
- tyr - pro - lys - lys - ser - thr - phe - gly - tyr - tyr - ser - met - lys - phe - ile - leu - phe -
- ile - gln - lys - lys - lys - ala - his - leu - asp - thr - ile - leu - -fMet - -fMet - tyr - leu - lys -
- ser - lys - lys - lys - his - ile - trp - ile - leu - phe - tyr - glu - val - his - phe - ile - leu - arg - ile - thr - cys - asn - lys - cys - ile -
sd
ir rseX_yedS-
ir rseX_yedS-
p35 1.1 bits
} sd-(11)-ir 2031990 Gap 3.0 bits
[###> orf 7 codons
[###> orf 2 codons
p35 5.6 bits
| sd-ir 2031990 rseX_yedS- total 6.6 bits
} sd-(6)-ir 2031962 Gap 4.3 bits
p10 5.6 bits
sd
... ir
} p35-(24)-p10 2031998 Gap 2.4 bits
| p35-p10 2031998 total 4.3 bits
| sd-ir 2031962 rseX_yedS- total 13.1 bits
} sd-(15)-ir 2031953 Gap 6.0 bits
p35 3.5 bits
| sd-ir 2031953 rseX_yedS- total 11.0 bits
p10 3.2 bits
... sd
} p35-(23)-p10 2031979 Gap 1.4 bits
| p35-p10 2031979 total 5.2 bits
... p35-(23)-p10 20319
... p35-p10 2031924 to
p10 5.2 bits
} p35-(26)-p10 2031976 Gap 3.7 bits
| p35-p10 2031976 total 5.0 bits
*2031940 *2031930 *2031920 *2031910 *2031900 *2031890 *2031880 *2031870 *
5′ a g a t a t c a a a a t g t t t c t a a t c t a t t t a a t a t a a t t c a t a a t t a g a a t t c t a a t t a t a a a a t t c a t g a a a a t t a t a a a t 3′
- - - -


ir rseX_yedS-
p10 5.5 bits
sd-(11)-ir 2031863 Ga
sd-ir 2031932 rseX_yedS- total 10.4 bits
p10 2.2 bits
sd-ir 2031863 rseX_ye
ir rseX_yedS-
p10 5.2 bits
... sd
p35 1.1 bits
p10 6.3 bits
p35 3.3 bits
p35-(23)-p10 2031915 Gap 1.4 bits
p35-p10 2031915 total 6.0 bits
... p35-(24)-p10 2
... p35-p10 203185
sd
p35 4.4 bits
p10 8.4 bits
p35-(23)-p10 2031924 Gap 1.4 bits
p35-p10 2031924 total 9.3 bits
p35-(26)-p10 2031912 Gap 3.7 bits
p35-p10 2031912 total 5.8 bits
p35-(23)-p10 2031905 Gap 1.4 bits
p35-p10 2031905 total 8.4 bits
p35 5.7 bits
p35-(22)-p10 2031895 Gap 2.3 bits
p35-p10 2031895 total 5.5 bits
*2031860
*2031850
*2031840
*2031830
*2031820
*2031810
*2031800
*2031790
5′ g t a t a t c a a t a t g t t a t g a g t t g a g c g g a a a c a t a g g g g t a t c a a t g a t t g t t g c g c c a a a c g g c t g g t g t g a t c a g g c g 3′
- val - tyr - gln - tyr - val - met - ser - -fMet - ile - val - ala - pro - asn - gly - trp - cys - asp - gln - ala -
- tyr - ile - asn - met - leu - -fMet - leu - arg - gln - thr - ala - gly - val - ile - arg - arg -
-fMet - ser - gly - asn - ile - gly - gly - ile - asn - asp - cys - cys - ala - lys - arg - leu - val -
ir rseX_yedS-
... sd
... sd-(10)-ir 203
... sd-ir 2031773
[###> orf 7 codons
ir rseX_yedS-
sd
p10 4.6 bits
sd-(10)-ir 2031851 Gap 2.7 bits
p35-(24)-p10 2031851 Gap 2.4 bits
p35-p10 2031851 total 5.5 bits
sd-ir 2031851 rseX_yedS- total 6.5 bits
*2031780
*2031770
*2031760
*2031750
5′ c a c a t t a a t g a a g g c a t a a a a a a a a g c c g g c a t c a t g 3′
- his - ile - asn - glu - gly - ile - lys - lys - ser - arg - his - his -
- thr - leu - met - lys - ala - -fMet -
sd
ir rseX_yedS-
p10 3.5 bits
sd-(10)-ir 2031773 Gap 2.7 bits
sd-ir 2031773 rseX_yedS- total 8.4 bits


[###> orf 4 codons
p35 2.4 bits
{----------} p35-(23)-p10 2031749 Gap 1.4 bits
|----------| p35-p10 2031749 total 4.5 bits