

piece 1, NC_000913, eutS_maeB+, config: linear, direction: +, begin: 2573798, end: 2574139

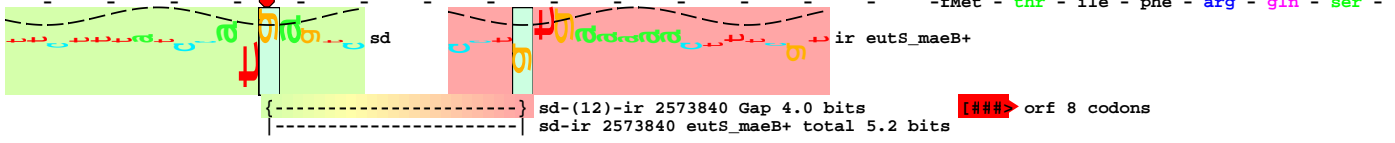
*2573800 * *2573810 * *2573820 * *2573830 * *2573840 * *2573850 * *2573860 * *2573870 *

5' a a a t t c c t g a a t g a t g c g t t c t t a t c c a t g a g t c g c c t g t g a a a a c t t t c g t g t a t c g t g a c a a t t t t c g t c a g a 3'

- lys - phe - leu - asn - asp - ala - phe - phe - ile - his - glu - ser - pro - pro - val - lys - asn - phe - arg - val - ser -

- asn - ser - -fMet - met - arg - ser - leu - ser - met - ser - arg - arg - leu - -fMet - tyr - arg - asp - asn - phe - ser - ser - glu -

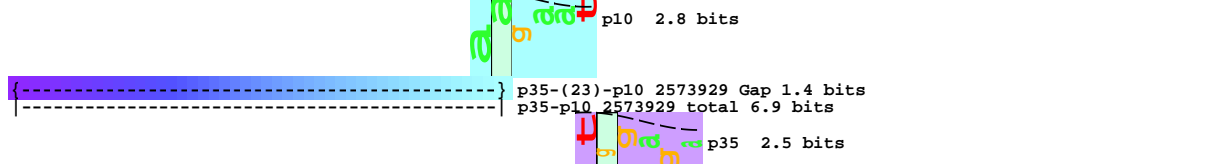
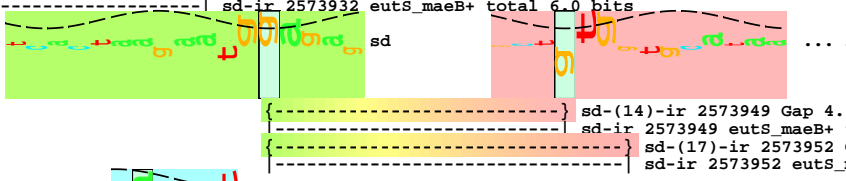
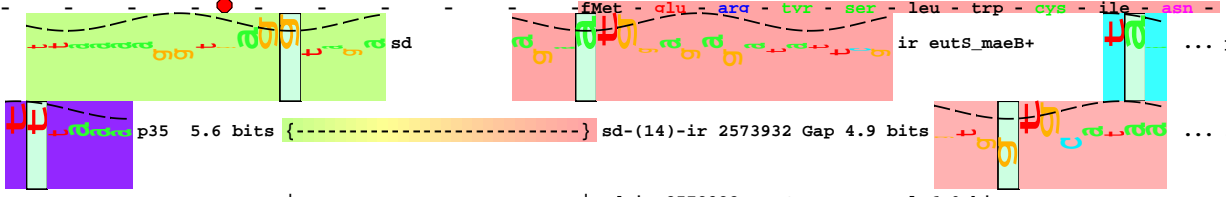
- ile - pro - glu - -fMet - thr - ile - phe - arg - gln - ser -



*2573880 * *2573890 * *2573900 * *2573910 * *2573920 * *2573930 * *2573940 * *2573950 *

5' g t a a a t a a c a a a a t t c g g c a a g c g c g t t t a a a a g g t g a g g t a g a t c a c t a a g a a t g g a g a g a t a t t c g c t g t g g t g c a t a 3'

- lys - -fMet - arg - -fMet - glu - arg - tyr - ser - leu - trp - cys - ile - asn -

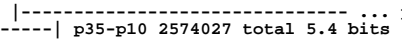
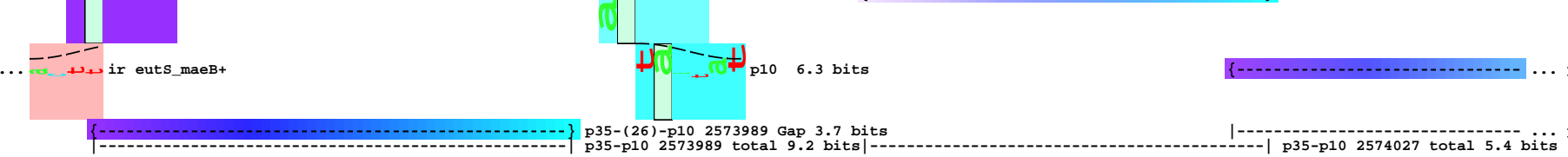
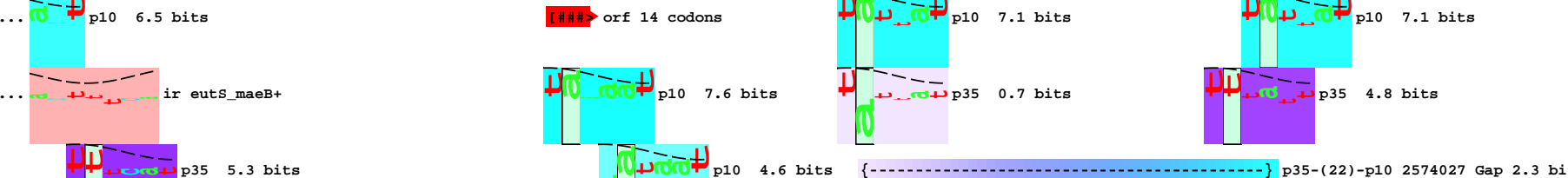


*2573960 * *2573970 * *2573980 * *2573990 * *2574000 * *2574010 * *2574020 * *2574030 * *2574040 *

5' a c t t t c a t a t g c a a c g c a t g a a t a t a a a t a a a a t a t a t c g a g a t a t t a t a t a t a g a c t g c t t t t t t t t a t t a t t c g c a a a c t 3'

- leu - ser - tyr - ala - thr - his - glu - tyr - lys -

- phe - his - met - gln - arg - met - asn - ile - asn - lys - ile - ile - ser - arg - tyr - tyr - ile - asp - cys - phe - phe - leu - leu - phe - ala - asn - ser -



p35 3.0 bits p35 1.4 bits

p35-(23)-p10 2573992 Gap 1.4 bits
p35-p10 2573992 total 6.1 bits
p35-(25)-p10 2573994 Gap 4.0 bits
p35-p10 2573994 total 5.3 bits
p35-(22)-p10 2574005 Gap 2.3 bits
p35-p10 2574005 total 6.2 bits

5' *2574050 *2574060 *2574070 *2574080 *2574090 *2574100 *2574110 *2574120
c a g t a a t a a g c t t t a c t a a t a t a t t g c a g c t a a a c t g c t t a c c c t g a a t a t t c a g g g t a a g c g t g a g a g t t a a a a a a a t t 3'

- val - ile - ser - phe - thr - asn - ile - leu - gln - leu - asn - cys - leu - pro - -fMet - arg - val - lys - lys - asn - tyr -

p10 4.6 bits p35 5.2 bits

[###] orf 52 codons {-----} sd-(6)-ir 2574103 Gap 4.3 bits <--- ... NC_000913.maeB

p10 2.2 bits ir eutS_maeB+
sd

... p35-(23)-p10 2574048 Gap 1.4 bits |-----| sd-ir 2574103 eutS_maeB+ total 6.0 bits
... p35-p10 2574048 total 7.9 bits {-----} p35-(22)-p10 2574087 Gap 2.3 bits
p35-p10 2574087 total 5.1 bits

p10 2.7 bits

p35-(23)-p10 2574088 Gap 1.4 bits
p35-p10 2574088 total 6.5 bits

*2574130 *
5' a c a g c g g t t g g g t t t g c g 3'

-fMet - gly - leu -
- ser - gly - trp - val - cys -

... NC_000913.maeB