

piece 1, NC_000913, glyA_hmp+, config: linear, direction: +, begin: 2683500, end: 2683876

*2683500 * *2683510 * *2683520 * *2683530 * *2683540 * *2683550 * *2683560 * *2683570 * *2683580

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

- ile - gly - asn - val - his - phe - thr - leu - ● - - - - -fMet - ala - phe - ile - gly - gly - -

- ser - ala - met - phe - ile - ser - arg - phe - asn - ile - arg - ile - ser - ● - - - - -

- arg - gln - cys - ser - phe - his - ala - leu - thr - ser - ala - ser - pro - asp - ser - ala - asn - asn - lys - ile - phe - gly - leu - tyr - arg - arg - ser -

-----] NC_000913.glyA

* * *2683590 * *2683600 * *2683610 * *2683620 * *2683630 * *2683640 * *2683650 * *2683660

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

- pro - val - gly - gln - arg - arg - thr - val - ● - - - - -fMet - thr - lys - glu - phe - thr - gln - thr - ile - thr -

- cys - trp - thr - thr - ala - asn - ser - ile - thr - glu - ser - leu - cys - asp - asn - arg - ser - ● - - - - -

... p35 6.4 bits ... p10



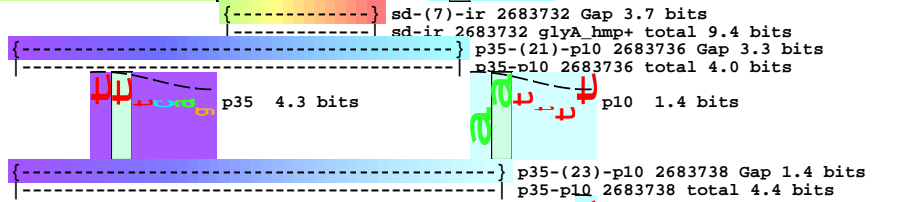
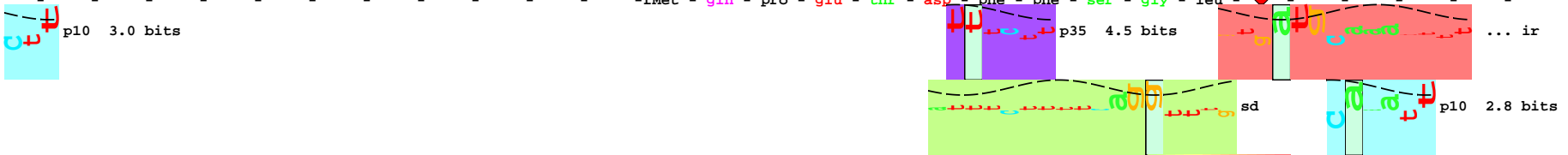
* * *2683670 * *2683680 * *2683690 * *2683700 * *2683710 * *2683720 * *2683730 * *2683740

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

- phe - arg - leu - arg - lys - ala - leu - glu - asn - lys - glu - leu - ala - thr - gly - asn - gly - phe - leu - phe - arg - phe - val - met - gln - ile - phe -

-fMet - asp - asn - gly - glu - gln - tyr - asn - arg - ile - ile - val - arg - ● - - - - -fMet - gln - pro - glu - thr - asp - phe - phe - ser - gly - leu -

... p10 3.0 bits ... ir

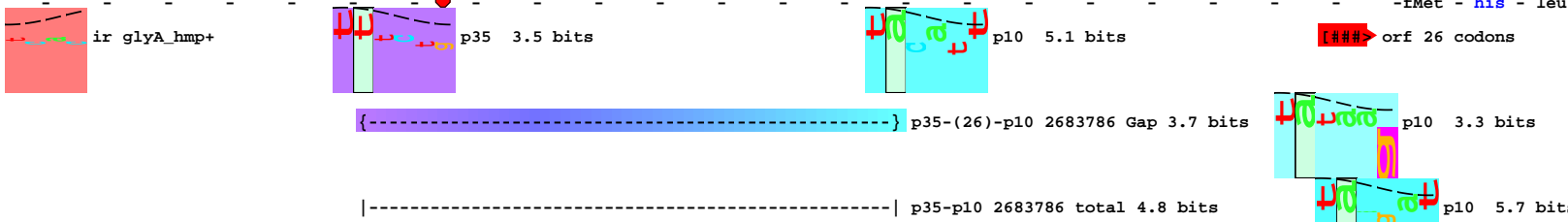


* * *2683750 * *2683760 * *2683770 * *2683780 * *2683790 * *2683800 * *2683810 * *2683820

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

- his - phe - ile - thr - phe - phe - leu - lys - asn - thr - lys - glu - pro - phe - thr - leu - gln - gly - tyr - phe - leu - ● - - - - -fMet - his - leu - arg - tyr -

... ir glyA_hmp+ ... orf 26 codons



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-----| p35-p10 2683806 total 6.5 bits
-----| p35-(24)-p10 2683808 Gap 2.4 bits
-----| p35-p10 2683808 total 8.8 bits
{-----} ... p35-(21)-p10 2683833 Gap
-----} ... p35-p10 2683833 total 5.5

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... } p10 1.9 bits

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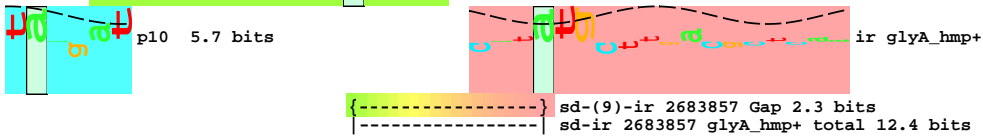
... } p35-(23)-p10 2683743 Gap 1.4 bits
... | p35-p10 2683743 total 4.8 bits

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*2683830 *2683840 *2683850 *2683860 *2683870 *
5' a c a t c a a t t a a g a t g c a a a a a a a g g a a g a c c a t a t g c t t g a c g c t c a a a c c a t 3'
   -fMet - gln - lys - lys - glu - asp - his - met - leu - asp - ala - gln - thr -
   - ile - asn - . - - - -fMet - thr - leu - lys - pro -

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... } p35-(21)-p10 2683833 Gap 3.3 bits
... | p35-p10 2683833 total 5.5 bits

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