

piece 1, NC_000913, hemC_cyaA-, config: linear, direction: -, begin: 3989205, end: 3988770

- 1 -

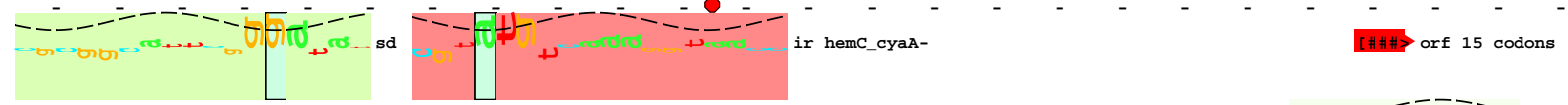
*3989200 * *3989190 * *3989180 * *3989170 * *3989160 * *3989150 * *3989140 * *3989130 *

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

- leu - phe - gln - ser - leu - asn - ile - glu - val - gln - asp - val - ser - pro - asp - leu - leu - pro - val - met - thr - val - ile - pro - pro - thr - ser -

- cys - phe - arg - val - ser - ile - ● ● ● ● ● ● ● ● ● ● ● ●

- val - ser - glu - ser - gln - tyr - arg - gly - thr - arg - arg - ile - ala - ● - - - - - - - - - - - - - - -



{-----} sd-(10)-ir 3989093 Gap 2.7 bits

|-----| sd-ir 3989093 hemC_cyaA- total 7.5 bits



----- ... p35-(23)-p10 3989036 Gap

----- ... p35-p10 3989036 total 5.1

*3989040 * *3989030 * *3989020 * *3989010 * *3989000 * *3988990 * *3988980 * *3988970 *

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

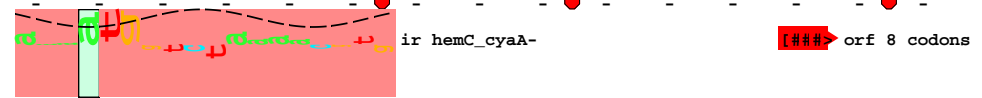
- arg - arg - lys - asn - gly - leu - lys - arg - asp - gln - phe - asn - thr - leu - ile - asp - arg - lys - glu - cys - ala - thr - tyr - lys - cys -

- fMet - val - ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ●

- fMet - ile - asn - leu - thr - pro - cys - ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ●

- fMet - thr - val - lys - lys - asp - ala - leu - his - thr - thr - ser - val -

- fMet - arg - tyr - ile - gln - val - ● ● ●

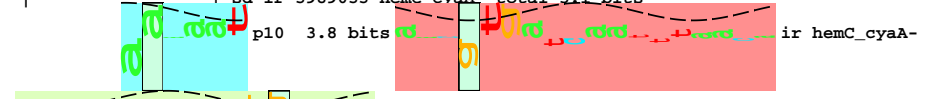


{-----} sd-(9)-ir 3989033 Gap 2.3 bits

... p35-(23)-p10 3989036 Gap 1.4 bits

... p35-p10 3989036 total 5.1 bits

|-----| sd-ir 3989033 hemC_cyaA- total 5.1 bits



{-----} sd-(9)-ir 3989021 Gap 2.3 bits

|-----| sd-ir 3989021 hemC_cyaA- total 7.2 bits

*3988960 * *3988950 * *3988940 * *3988930 * *3988920 * *3988910 * *3988900 * *3988890 *

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

- ser - thr - val - tyr - ser - leu - ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ●

- ala - pro - phe - ile - leu - cys - lys - phe - leu - ile - thr - thr - ala - fMet - lys - arg - leu - ser - gly - ser - thr - ala - arg - pro - his - phe - thr -



{-----} p35-(23)-p10 3988931 Gap 1.4 bits

|-----| p35-p10 3988931 total 6.0 bits



... p35-(21)-p10 3988865 Gap

----- ... p35-p10 3988865 total 4.5

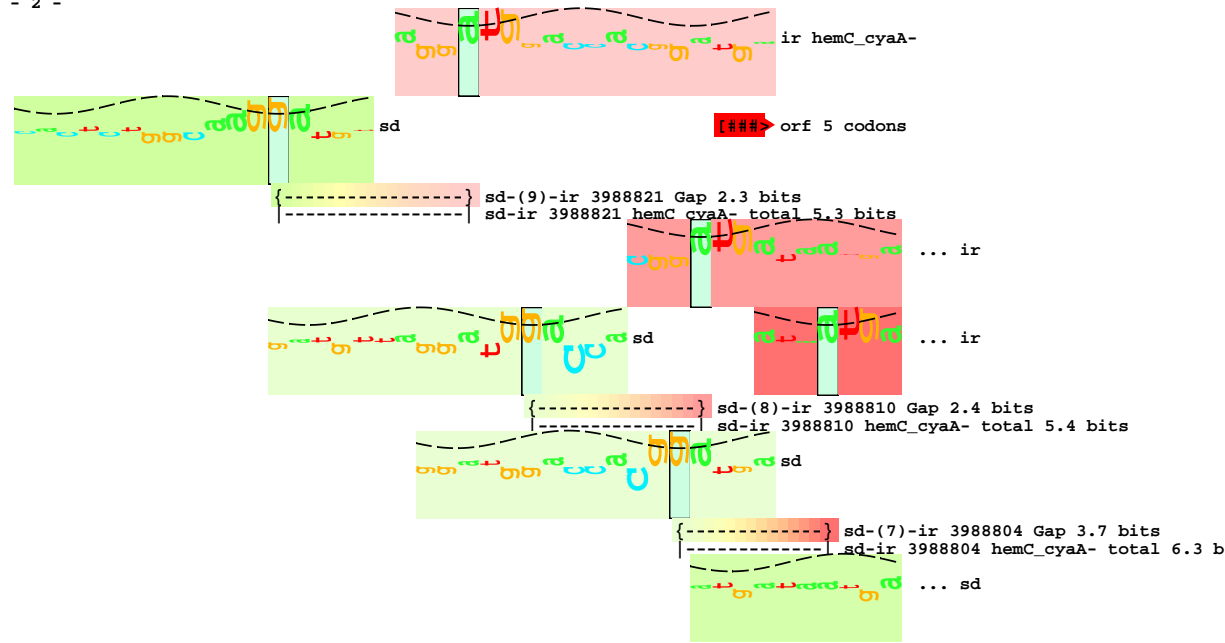
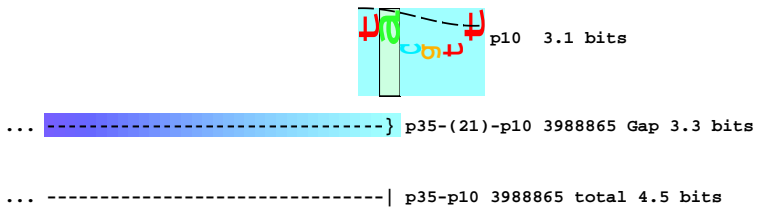
*3988880 * *3988870 * *3988860 * *3988850 * *3988840 * *3988830 * *3988820 * *3988810 *

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

- val - cys - ala - gly - val - tyr - val - ser - pro - gln - his - ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ●

- fMet - arg - arg - arg - leu - arg - phe - thr - thr - thr - leu - thr - ser - leu - trp - gln - gly - cys - fMet - leu - gly - trp - thr - thr - asp - asp - asn - asp -

- fMet - ile - met - thr -



*3988800 * *3988790 * *3988780 * *3988770

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

- fMet - phe -

- gly - asn - lys - his - val - arg - gln - cys - phe - lys -

- val - thr - ser - met - leu - asp - asn - val - leu -

... NC_000913.hemC

