

piece 1, NC_000913, slyA_ydhI-, config: linear, direction: -, begin: 1719078, end: 1718829

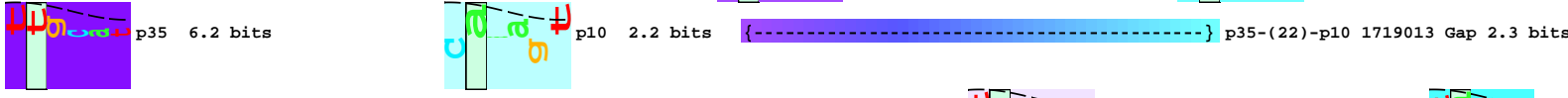
5' ^{*} c a a t c c t g t t g c a t t g a g c a t a a a c t t c a c a a a g t a g a t t c c t t t a c g a c c g a a t a t a t t g c g t t a g a t t a a t a a a t a t t c 3'

- gln - ser - cys - cys - ile - glu - his - lys - leu - his - lys - val - asp - ser - phe - thr - thr - glu - tyr - ile - ala - leu - asp - fMet - arg -

- asn - pro - val - ala - leu - ser - ile - asn - phe - thr - lys - - - - - fMet - arg -

- ile - leu - leu - his -

NC_000913.ydhI p35 4.6 bits p10 4.7 bits



{-----} p35-(21)-p10 1719048 Gap 3.3 bits p35 0.7 bits ... p10

p35-p10 1719048 total 5.1 bits p10 4.7 bits {-----} p35-(22)-p10 1719001 Gap 2.3 bits p35-p10 1719001 total 4.3 bits

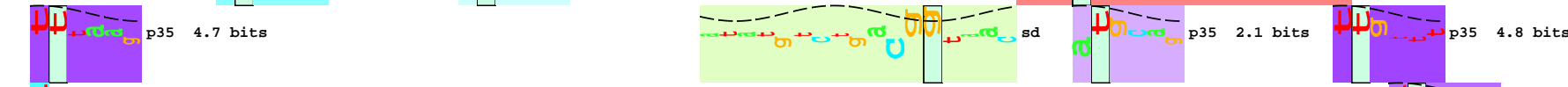
{-----} p35-(26)-p10 1719043 Gap 3.7 bits p35 1.8 bits

p35-p10 1719043 total 7.2 bits p35-p10 1719013 total 7.0 bits ... p35-(23)-p10 1718986 Gap ... p35-p10 1718986 total 4.2

5' ^{*} t t t a a g t g c g a a a a a t t t a c g c g c a a t t t t c t g a a a a a t a t g t c t g a c g g t a a c c a a a t g c a g c a a t a c a t t t g t t t t a g c a 3'

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

p10 3.8 bits p10 1.5 bits ir slyA_ydhI-



p10 6.0 bits {-----} sd-(8)-ir 1718941 Gap 2.4 bits p35 3.8 bits

{-----} p35-(23)-p10 1718973 Gap 1.4 bits p35-p10 1718973 total 4.8 bits sd-ir 1718941 slyA ydhI- total 7.4 bits ... p35-(26)-p10 1718914 Gap ... p35-p10 1718914 total 5.3

{-----} p35-(23)-p10 1718986 Gap 1.4 bits ... p35-(23)-p10 1718903 Gap ... p35-p10 1718903 total 6.3

p35-p10 1718986 total 4.2 bits {-----} p35-(22)-p10 1718901 Gap ... p35-p10 1718901 total 4.2

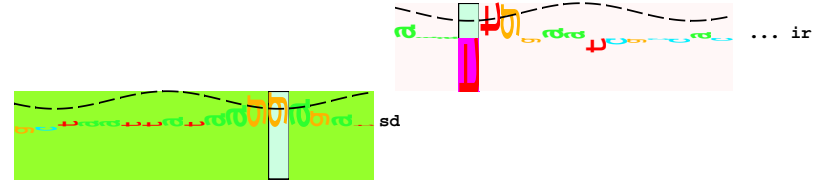
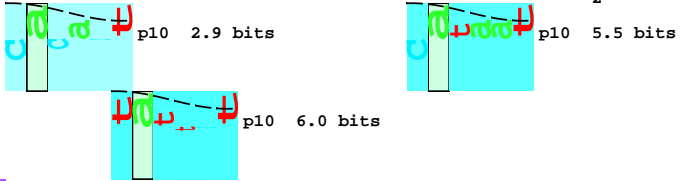
p35 2.3 bits ... p35-(24)-p10 1718898 Gap ... p35-p10 1718898 total 5.8

5' ^{*} a t a c a a t t g c t g c a c a c t a t t t c t a a a a g c c g c a t a a t a t c t t a g c a a g c t a a t t a t a a g g a g a t g a a a t t g g a a t c g c c a c 3'

- fMet - leu - his - thr - ile - leu - lys - ala - ala - - - - - fMet - lys - leu - glu - ser - pro - leu -

- phe - ile - ala - ala - his - tyr - ser - lys - ser - arg - ile - ile - ser - - - - -

p10 6.9 bits p10 2.8 bits orf 23 codons [-----] ... NC_000913.slyA



{-----} sd-(9)-ir 1718848 Gap 2.3 bits

|-----| sd-ir 1718848 slyA_ydhI- total 8.9 bits

p35 4.3 bits

... {-----} p35-(26)-p10 1718914 Gap 3.7 bits

... {-----} p35-p10 1718914 total 5.3 bits

... {-----} p35-(23)-p10 1718903 Gap 1.4 bits

... {-----} p35-p10 1718903 total 6.3 bits

... {-----} p35-(22)-p10 1718901 Gap 2.3 bits

... {-----} p35-p10 1718901 total 4.2 bits

... {-----} p35-(25)-p10 1718884 Gap 4.0 bits

... {-----} p35-(24)-p10 1718898 Gap 2.4 bits

... {-----} p35-p10 1718898 total 5.8 bits

|-----| p35-p10 1718884 total 5.8 bits

* *1718830

5' t a g g t t c 3'

gly

... NC_000913.slyA

... ir slyA_ydhI-