

piece 1, NC_000913, osmB_yciT+, config: linear, direction: +, begin: 1341323, end: 1341640

5' *cgcggtcatttttttgcctcgttaacaaacataaataactctctcctcgaatttatgtatccaagggaagtaagctctctataactat* 3'

- arg - gly - his - phe - phe - ala - arg - tyr - lys - his - asn - thr - leu - ser - glu - phe - met - ile - his - gly - ser - lys - leu - ser - ile - thr - ile -

- ala - val - ile - phe - leu - leu - val - thr - asn - ile - ile - leu - ser - pro - glu - phe - met - ile - his - gly - ser - lys - leu - ser - ile - thr - ile -

- arg - ser - phe - phe - cys - ser - leu - gln - thr -

...-----] NC_000913.osmB



{-----} p35-(23)-p10 1341396 Gap 1.4 bits

{-----} p35-(22)-p10 1341354 Gap 2.3 bits

|-----| p35-p10 1341354 total 5.1 bits

|-----| p35-p10 1341396 total 5.3 bits

|-----| p35 0.7 bits ... p10



{-----} p35-(23)-p10 1341356 Gap 1.4 bits

|-----| p35-p10 1341356 total 7.0 bits

{-----} p35-(26)-p10 1341402 Gap 3.7 bit

5' *aatagctaaagaataaagtcctggtgaaatttatctctggaatctctgctcaggggtatataatcaccgaggtgataatgact* 3'

- ile - ala - lys - asn - lys - ser - gly - glu - ile - ile - fMet - lys - ser - ala - arg - ala - gln - gly - tyr - ile - thr - gln - val - ile - met - thr -

- fMet - lys - leu - phe - arg - glu - ile - cys - ser - arg - ala - gly - leu - tyr - his - ala - gly - asp - asn - asp - phe -

... ir



{-----} sd-(6)-ir 1341479 Gap 4.3 bits

... p10 8.4 bits

|-----| sd-ir 1341479 osmB_yciT+ total 8.7 bits

{-----} ... p35-(21)-p10 1341501 Gap

{-----} ... p35-p10 1341501 total 4.5

{-----} ... p35-(24)-p10 1341504 Gap

{-----} ... p35-p10 1341504 total 5.6

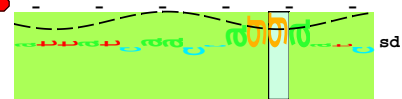
{-----} ... p35-(26)-p10 1341506 Gap

{-----} ... p35-p10 1341506 total 4.1

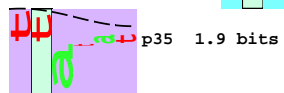
5' *tcctgttataatcgctgataataattttatatactctggaatctctgctcagggtaaatagttcttaatttatcaaccagggaatc* 3'

- ser - cys - tyr - ile - ala - asp - asn - asn - phe - ile - ser - fMet - arg - val - leu - ile - thr - gly - lys -

... ir osmB_yciT+ p10 4.6 bits [###] orf 14 codons



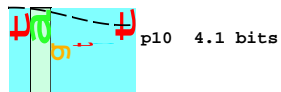
{-----} ... sd-(17)-ir 1341578 Gap



{-----} p35-(22)-p10 1341540 Gap 2.3 bits

|-----| ... sd-ir 1341578 osmB_yciT+

{-----} p35-(23)-p10 1341514 Gap 1.4 bits

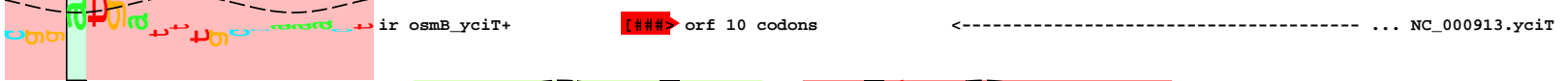


... } p35-(21)-p10 1341501 Gap 3.3 bits
 ... | p35-p10 1341501 total 4.5 bits

... } p35-(24)-p10 1341504 Gap 2.4 bits
 ... | p35-p10 1341504 total 5.6 bits
 ... } p35-(26)-p10 1341506 Gap 3.7 bits
 ... | p35-p10 1341506 total 4.1 bits
 ... | p35-p10 1341514 total 4.9 bits

... | p35-p10 1341540 total 4.4 bits
 ... } p35-(24)-p10 1341542 Gap 2.4 bits
 ... | p35-p10 1341542 total 6.3 bits

5' *1341570 * *1341580 * *1341590 * *1341600 * *1341610 * *1341620 * *1341630 * *1341640
 a t c t t a g a g c g g a t g a t t t g c c a a a c t g c a a a t c a t c c g t a g a g a a g g g a a a t g g t t a a a t g t c a a c g a c g t g a a 3'
 -fMet - ile - cys - gln - thr - ala - asn - his - pro - - -fMet - val - lys - cys - gln - arg - arg - glu -
 -fMet - pro - asn - cys - lys - ser - ser - val - glu - lys - gly - asn - gly - -fMet - ser - thr - thr - -



... } sd-(17)-ir 1341578 Gap 6.5 bits

... | sd-ir 1341578 osmB_yciT+ total 5.6 bits

