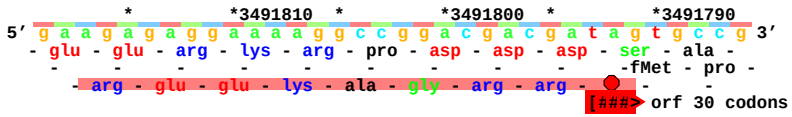
piece 1, NC_000913, REPt248_nirB-, config: linear, direction: -, begin: 3492062, end: 3491786
*3492060 *3492050 *3492040 *3492030 *3492020 *3492010 *3492000 *3491990 *
5' a c c g a t a a t t g c g a g t c t g a c t t t g c t c a t t t t t g c c t c g a t t c t t t t c t a t t a c c g c c t a c c t t a a c g a t t c a g c a a c c 3'
- thr - asp - asn - cys - glu - ser - asp - phe - ala - his - phe - cys - leu - asp - phe - phe - ser - ile - thr - ala - tyr - leu - asn - asp - ser - ala - thr -
- pro - ile - ile - ala - ser - leu - thr - leu - leu - ile - phe - ala - ser - ile - ser - phe - leu - leu - pro - pro - thr - leu - thr - ile - gln - gln - pro -
- arg - -fMet - arg - val - -fMet - pro - arg - phe - leu - phe - tyr - tyr - arg - leu - pro -
... ] NC_000913.nirB
p10 2.1 bits
p35 3.8 bits
{ } p35-(23)-p10 3492016 Gap 1.4 bits
| | p35-p10 3492016 total 4.4 bits
*3491980 *3491970 *3491960 *3491950 *3491940 *3491930 *3491920 *3491910 *
5' c c g c t t a t t g a t g t a a a t c a a a t t c a c c t t t a t a c t c c t t a a t g g g t a t a t t g c t g a t t t g t a t a a a t t t c t t a a g t c 3'
- pro - leu - ile - asp - val - asn - gln - ile - his - leu - tyr - ile - leu - leu - asn - gly - tyr - ile - ala - asp - leu - tyr - lys - phe - ser -
- arg - leu - leu - met - -fMet - gly - ile - leu - leu - ile - cys - ile - asn - phe - leu - lys - ser -
p35 4.7 bits
p10 2.4 bits
... sd
{ } p35-(22)-p10 3491951 Gap 2.3 bits
p35 4.5 bits
| | p35-p10 3491951 total 4.8 bits
{ ... p35-(23)-p10 34918
p10 7.3 bits
| ... p35-p10 3491887 to
{ } p35-(25)-p10 3491948 Gap 4.0 bits
| | p35-p10 3491948 total 7.9 bits
*3491900 *3491890 *3491880 *3491870 *3491860 *3491850 *3491840 *3491830 *3491820
5' a c g g a a t t g t c t g a t a t t t c a t g t t t g t g c a a a a a a t a g a c a a a a t g a g c g g g t t t a t a g a a a t a g a t g c a c g t a g c g g g g 3'
- -fMet - ser - asp - ile - ser - cys - leu - cys - lys - lys - -fMet - his - val - ala - gly -
- arg - asn - cys - leu - ile - phe - his - val - cys - ala - lys - asn - arg - gln - asn - glu - arg - val - tyr - arg - asn - arg - cys - thr -
-fMet - phe - val - gln - lys - ile - asp - lys - met - ser - gly - phe - ile - glu - ile - asp - ala - arg - ser - gly - gly -
... sd
ir REPt248_nirB-
{ } sd-(17)-ir 3491880 Gap 6.5 bits
ir REPt248_nirB-
... } p35-(23)-p10 3491887 Gap 1.4 bits
... | p35-p10 3491887 total 5.5 bits
{ } sd-(6)-ir 3491856 Gap 4.3 bits
| | sd-ir 3491856 REPt248_nirB- total 5.0 bits
| | sd-ir 3491880 REPt248_nirB- total 5.1 bits
p10 2.4 bits
sd
p35 5.6 bits
p10 3.8 bits
{ } p35-(25)-p10 3491868 Gap 4.0 bits
| | p35-p10 3491868 total 5.4 bits
p35 5.3 bits
p10 4.7 bits
{ } p35-(24)-p10 3491859 Gap 2.4 bits
| | p35-p10 3491859 total 7.6 bits


* *3491810 * *3491800 * *3491790
5′ g a a g a g a g g a a a a g g c c g g a c g a c g a t a g t g c c g 3′
- glu - glu - arg - lys - arg - pro - asp - asp - asp - ser - ala -
- - - - - - - - - - -fMet - pro -
- arg - glu - glu - lys - ala - gly - arg - arg - - -
[###> orf 30 codons