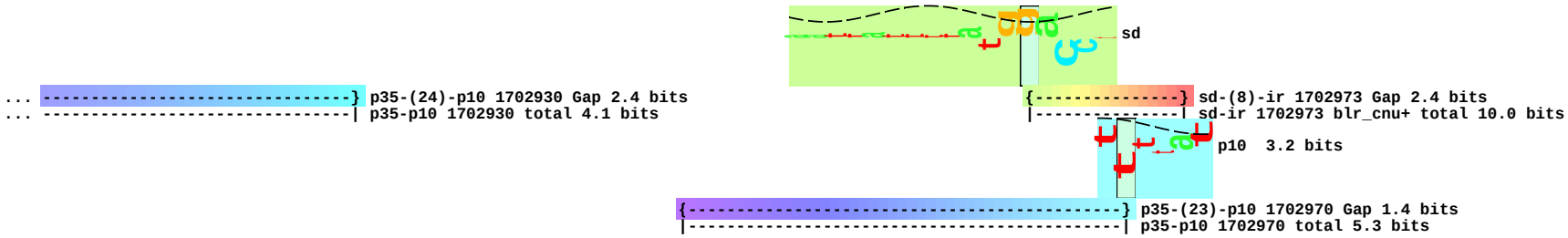
piece 1, NC_000913, blr_cnu+, config: linear, direction: +, begin: 1702671, end: 1702992
*1702680 *1702690 *1702700 *1702710 *1702720 *1702730 *1702740 *1702750
5′ g a a c a g a g t g c t t c g g t a c a a c a c a a g t a a g c t c t g c a c t t g t g g a g c g a c a t g c t g c c c g t c c g g g t g c a t g t t t t c a c t 3′
- glu - gln - ser - ala - ser - val - gln - his - lys - fMet - trp - ser - asp - met - leu - pro - val - arg - val - his - val - phe - thr -
- asn - arg - val - leu - arg - tyr - asn - thr - ser - lys - leu - cys - thr - cys - gly - ala - thr - cys - cys - pro - ser - gly - cys - met - phe - ser - leu -
- thr - glu - cys - phe - gly - thr - thr - gln - val - ser - ser - ala - leu - val - glu - arg - his - ala - ala - arg - pro - gly - ala - cys - phe - his - leu -
... p35
*1702760 *1702770 *1702780 *1702790 *1702800 *1702810 *1702820 *1702830
5′ t g t c g g a t a t t a a a c c a g g a a t t t a t t a t c t t g t t c g a t g t t g t t g g t g a t t g t c a g g g a t a g t a a a g c g c g t t a c t c t t t 3′
- cys - arg - ile - leu - asn - gln - glu - phe - ile - ile - leu - phe - asp - val - val - gly - asp - cys - gln - gly -
- val - gly - tyr - fMet - leu - leu - val - ile - val - arg - asp - ser - lys - ala - arg - tyr - ser - phe -
- ser - asp - ile - lys - pro - gly - ile - tyr - tyr - leu - val - arg - cys - cys - trp - fMet - ser - gly - ile - val - lys - arg - val - thr - leu - phe -
... p35 4.6 bits
ir blr_cnu+
[###> orf 11 codons
p10 4.5 bits
sd
p35 5.5 bits
... p35
{----------} sd-(12)-ir 1702782 Gap 4.0 bits
|----------| sd-ir 1702782 blr_cnu+ total 6.8 bits
{----------} p35-(23)-p10 1702826 Gap 1.4 bits
|----------| p35-p10 1702826 total 8.6 bits
p10 2.6 bits
{- ... p35-(23)-p10 17028
{----------} p35-(22)-p10 1702774 Gap 2.3 bits
|----------| p35-p10 1702774 total 4.9 bits
|- ... p35-p10 1702855 to
{- ... p35-(24)-p10 17028
p10 7.1 bits
|- ... p35-p10 1702856 to
{----------} p35-(24)-p10 1702776 Gap 2.4 bits
|----------| p35-p10 1702776 total 9.3 bits
*1702840 *1702850 *1702860 *1702870 *1702880 *1702890 *1702900 *1702910
5′ t c a g a g c a g t t t t t c a t c c c t g a a t a t t g c c a t c a g c g c a t t c t t a t t a t t g t a a t a a c a c a a g c g t t c a c t t t t g g t g a 3′
- fMet - pro - ser - ala - his - ser - tyr - tyr - cys - asn - asn - thr - ser - val - his - phe - trp -
- gln - ser - ser - phe - ser - ser - leu - asn - ile - cys - his - gln - arg - ile - leu - ile - ile - val - ile - thr - gln - ala - phe - thr - phe - gly - glu -
- arg - ala - val - phe - his - pro - fMet - fMet - fMet - val - lys -
p10 2.2 bits
p10 4.6 bits
p10 0.0 bits
... p35 4.3 bits
p10 2.7 bits
p10 1.4 bits
p35 1.9 bits
p35 6.1 bits
p35 5.5 bits
{---------- ... p35-(24)-p10 17029
{----------} p35-(21)-p10 1702882 Gap 3.3 bits
|---------- ... p35-p10 1702930 to
... {----------} p35-(23)-p10 1702855 Gap 1.4 bits
... |----------| p35-p10 1702855 total 5.1 bits
{----------} p35-(23)-p10 1702907 Gap 1.4 bits
|----------| p35-p10 1702907 total 4.1 bits
... {----------} p35-(24)-p10 1702856 Gap 2.4 bits
... |----------| p35-p10 1702856 total 4.6 bits
|----------| p35-p10 1702882 total 7.3 bits
{----------} p35-(24)-p10 1702885 Gap 2.4 bits
|----------| p35-p10 1702885 total 5.0 bits
*1702920 *1702930 *1702940 *1702950 *1702960 *1702970 *1702980 *1702990
5′ a a t t t a t c a t c a c t a a t a a t a c c t a c c c c t t t g g t a t t a a t t a t t t t a t g g a c c t t t t a t g a c t g t t c a g g a c t a c t t 3′
- fMet - asp - leu - leu -
- ile - leu - ser - ser - leu - ile - ile - pro - thr - pro - leu - val - leu - ile - ile - leu - trp - thr - phe - tyr - asp - cys - ser - gly - leu - leu -
- phe - tyr - his - his - fMet - thr - val - gln - asp - tyr -
p10 4.6 bits
p35 3.5 bits
ir blr_cnu+


sd
... } p35-(24)-p10 1702930 Gap 2.4 bits
... | p35-p10 1702930 total 4.1 bits
} sd-(8)-ir 1702973 Gap 2.4 bits
| sd-ir 1702973 blr_cnu+ total 10.0 bits
p10 3.2 bits
} p35-(23)-p10 1702970 Gap 1.4 bits
| p35-p10 1702970 total 5.3 bits