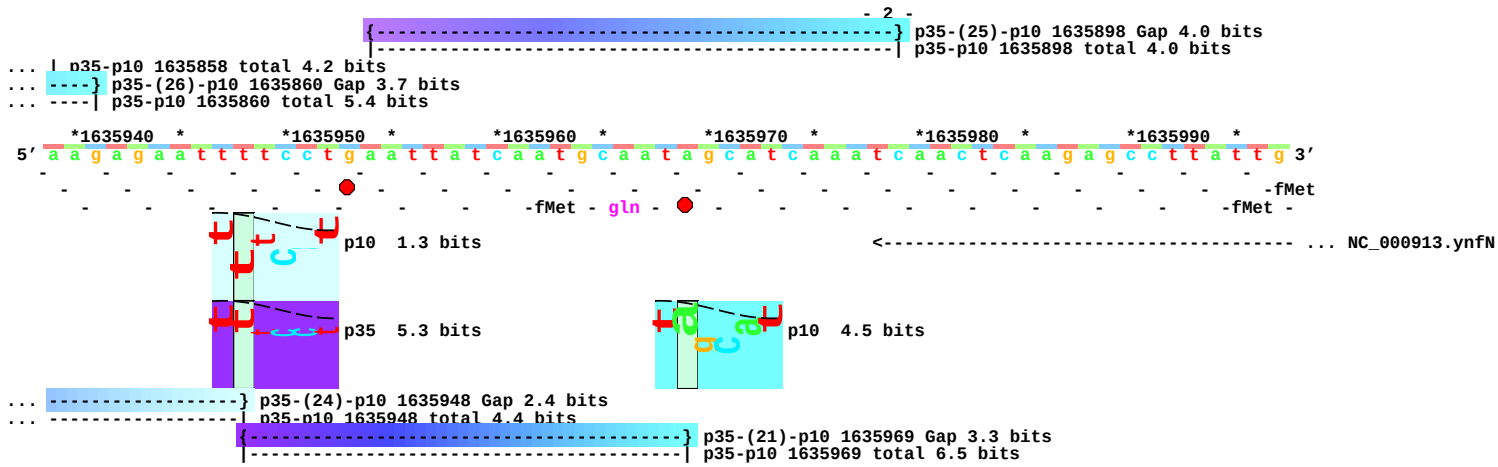
piece 1, NC_000913, gnsB_ynfN+, config: linear, direction: +, begin: 1635777, end: 1635997
*1635780 *1635790 *1635800 *1635810 *1635820 *1635830 *1635840 *1635850 *
5′ t g c t t t t g t t t t t a a g t t t t c a a t a t t c a t c a t t t c c t c t t t t a g t c t g t t a t g a c t t t c c a g t t a c a c a g t a a g t c g a t t 3′
- cys - phe - cys - phe - fMet - thr - phe - gln - leu - his - ser - lys - ser - ile -
- ala - phe - val - phe - lys - phe - ser - ile - phe - ile - ile - ser - ser - phe - ser - leu - leu -
- leu - leu - phe - leu - ser - phe - gln - tyr - ser - ser - phe - pro - leu - leu - val - cys - tyr - asp - phe - pro - val - thr - gln -
...] NC_000913.gnsB
p10 2.0 bits
p35 5.2 bits
... sd
p35 4.8 bits
p10 3.5 bits
p10 4.1 bits
... p10
} p35-(22)-p10 1635805 Gap 2.3 bits
| p35-p10 1635805 total 5.9 bits
} p35-(21)-p10 1635855 Gap 3.
| p35-p10 1635855 total 4.9 b
p35 4.7 bits
p10 1.3 bits
... p10
} p35-(23)-p10 1635810 Gap 1.4 bits
| p35-p10 1635810 total 4.5 bits
} p35-(23)-p10 1635857 Ga
| p35-p10 1635857 total 6
p35 5.2 bits
... p10
} p35-(23)-p10 1635818 Gap 1.4 bits
| p35-p10 1635818 total 5.7 bits
... p35-(24)-p10 16358
} p35-(25)-p10 1635820 Gap 4.0 bits
| p35-p10 1635820 total 5.3 bits
... p35-p10 1635858 to
... p35-(26)-p10 16358
... p35-p10 1635860 to
*1635860 *1635870 *1635880 *1635890 *1635900 *1635910 *1635920 *1635930 *
5′ a t a t g g t g c a a a c g t g t a a a g a t a a g a t g a a a c a t c g c a a t a a t c a a c a t a c g a t a g t c t a a a t t t t a c a c a a a c a g a c a 3′
- ile - trp - cys - lys - arg - val - lys - asp - lys - met - lys - his - arg - asn - asn - gln - his - thr - ile - val -
-fMet -
-fMet - val - gln - thr - cys - lys - arg -
... sd
[###> orf 2 codons
p10 4.6 bits
[###> orf 12 codons
... p10 3.0 bits
ir gnsB_ynfN+
p10 5.0 bits
p35 5.5 bits
} sd-(8)-ir 1635871 Gap 2.4 bits
| sd-ir 1635871 gnsB_ynfN+ total 7.7 bits
... p35-(24)-p10 16359
... p35-p10 1635948 to
... p10 2.4 bits
ir gnsB_ynfN+
sd
p35 3.3 bits
p10 3.9 bits
} sd-(6)-ir 1635885 Gap 4.3 bits
... p10 1.4 bits
| sd-ir 1635885 gnsB_ynfN+ total 8.6 bits
p35 3.4 bits
} p35-(23)-p10 1635909 Gap 1.4 bits
... } p35-(24)-p10 1635858 Gap 2.4 bits
| p35-p10 1635909 total 6.9 bits


- 2 -
} p35-(25)-p10 1635898 Gap 4.0 bits
| p35-p10 1635898 total 4.0 bits
... | p35-p10 1635858 total 4.2 bits
... ----} p35-(26)-p10 1635860 Gap 3.7 bits
... ----| p35-p10 1635860 total 5.4 bits
*1635940 *1635950 *1635960 *1635970 *1635980 *1635990 *
5' a a g a g a a t t t t c c t g a a t t a t c a a t g c a a t a g c a t c a a a t c a a c t c a a g a g c c t t a t t g 3'
-fMet
-fMet - gln -
-fMet -
p10 1.3 bits
<---------- ... NC_000913.ynfN
p35 5.3 bits
p10 4.5 bits
... ----------} p35-(24)-p10 1635948 Gap 2.4 bits
... ----------| p35-p10 1635948 total 4.4 bits
} p35-(21)-p10 1635969 Gap 3.3 bits
| p35-p10 1635969 total 6.5 bits