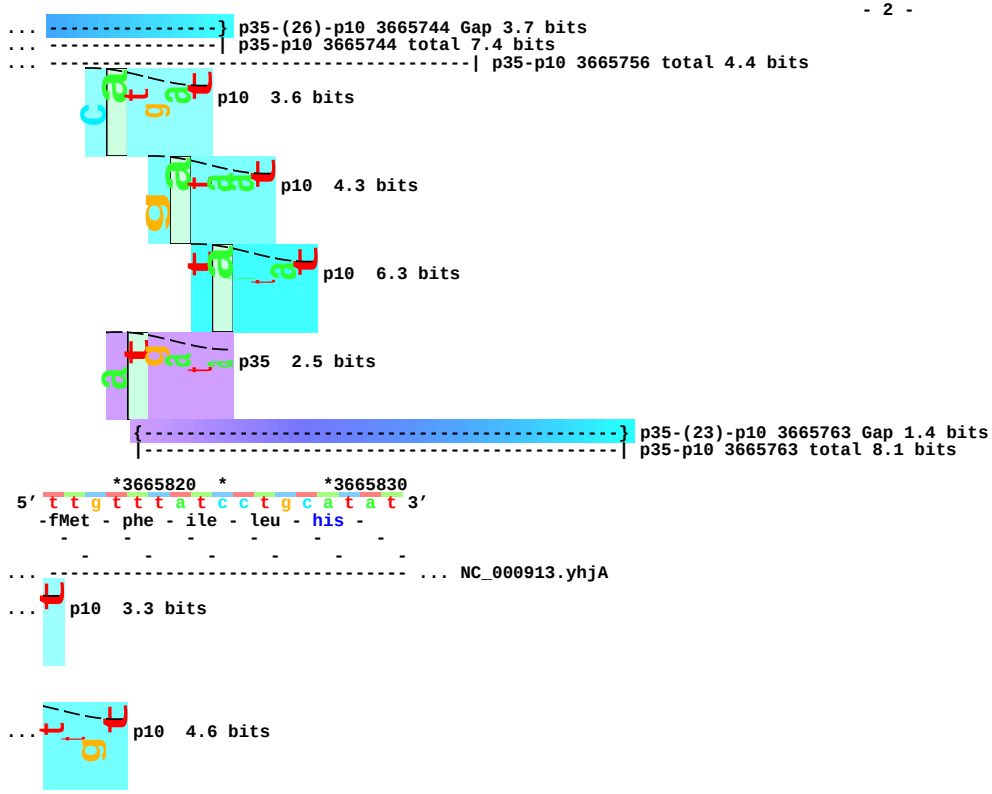
piece 1, NC_000913, gadA_yhjA+, config: linear, direction: +, begin: 3665574, end: 3665833
*3665580 *3665590 *3665600 *3665610 *3665620 *3665630 *3665640 *3665650
5′ g c g g a a a t c c g t t a a c a g c t t c t g g t c c a t t t c g a a c t c c t t a a a t t t a t t t g a a g g c a a t a a a a a a g t a g g a t t t a t c c g 3′
- ala - glu - ile - arg -
- arg - lys - ser - val - asn - ser - phe - trp - ser - ile - ser - asn - ser - leu - asn - leu - phe - glu - gly - asn - lys - lys - val - gly - phe - ile - arg -
- gly - asn - pro - leu - thr - ala - ser - gly - pro - phe - arg - thr - pro - fMet - lys - ala - ile - lys - lys -
... ----------] NC_000913.gadA
p35 4.8 bits
sd
... ir
{---------- ... sd-(12)-ir 3665657
|---------- ... sd-ir 3665657 gadA
p10 4.6 bits
{----------} p35-(23)-p10 3665643 Gap 1.4 bits
|----------| p35-p10 3665643 total 8.0 bits
*3665660 *3665670 *3665680 *3665690 *3665700 *3665710 *3665720 *3665730
5′ c a a t g g a a g c a a g g c a t t a c a g g c t t a a t t t a a a t a a c a a a a t c c t a a g c a g a a a a a c g a c t t t t t a t a a t a t a a a c a t t t 3′
- asn - gly - ser - lys - ala - leu - gln - ala -
fMet - glu - ala - arg - his - tyr - arg - leu - asn - leu - asn - asn - lys - ile - leu - ser - arg - lys - thr - thr - phe - tyr - asn - ile - asn - ile -
... ir gadA_yhjA+
p10 4.4 bits
p35 3.8 bits
[# ... orf
... ----} sd-(12)-ir 3665657 Gap 4.0 bits
p10 4.7 bits
{---------- ... p35-(22)-p10 36657
... ----| sd-ir 3665657 gadA_yhjA+ total 8.5 bits
|---------- ... p35-p10 3665739 to
p35 3.4 bits
{----------} p35-(22)-p10 3665693 Gap 2.3 bits
p35 4.7 bits
... p35
{----------} p35-(22)-p10 3665681 Gap 2.3 bits
{---------- ... p35-(23)-p10 36657
|----------| p35-p10 3665681 total 5.5 bits
|---------- ... p35-p10 3665742 to
p35 2.4 bits
p35 4.8 bits
{--- ... p35-(22)-p10 36657
|----------| p35-p10 3665693 total 4.8 bits
{---------- ... p35-(26)-p10 36657
|---------- ... p35-p10 3665744 to
|--- ... p35-p10 3665756 to
*3665740 *3665750 *3665760 *3665770 *3665780 *3665790 *3665800 *3665810
5′ a a c a t g a t a a t a t t a a a a a a c a g a c t t t a t t a t c g t a a t a a a a a t c g c c c a a a c a t t g c t g t t c g g g c g a t c a a a t t a a t t a 3′
fMet - ile - ile - leu - lys - thr - asp - phe - ile - ile - val - ile - lys - ile - ala - gln - thr - leu - leu - phe - gly - arg - ser - asn -
... ##> orf 27 codons
p10 2.6 bits
p35 4.3 bits
<----- ... NC_000913.yhjA
... ------} p35-(22)-p10 3665739 Gap 2.3 bits
p10 7.1 bits
... p10
... ------| p35-p10 3665739 total 5.0 bits
{----------} p35-(22)-p10 3665813 Gap 2.3
...p35 4.1 bits
|----------| p35-p10 3665813 total 5.3 bit
... ------------} p35-(23)-p10 3665742 Gap 1.4 bits
... p10
... ------------| p35-p10 3665742 total 7.6 bits
{----------} p35-(25)-p10 3665816 Ga
... ----------} p35-(22)-p10 3665756 Gap 2.3 bits
|----------| p35-p10 3665816 total 4


... } p35-(26)-p10 3665744 Gap 3.7 bits
... | p35-p10 3665744 total 7.4 bits
... | p35-p10 3665756 total 4.4 bits
p10 3.6 bits
p10 4.3 bits
p10 6.3 bits
p35 2.5 bits
} p35-(23)-p10 3665763 Gap 1.4 bits
| p35-p10 3665763 total 8.1 bits
*3665820 * *3665830
5' t t g t t t a t c c t g c a t a t 3'
-fMet - phe - ile - leu - his -
... ... NC_000913.yhjA
... p10 3.3 bits
... p10 4.6 bits