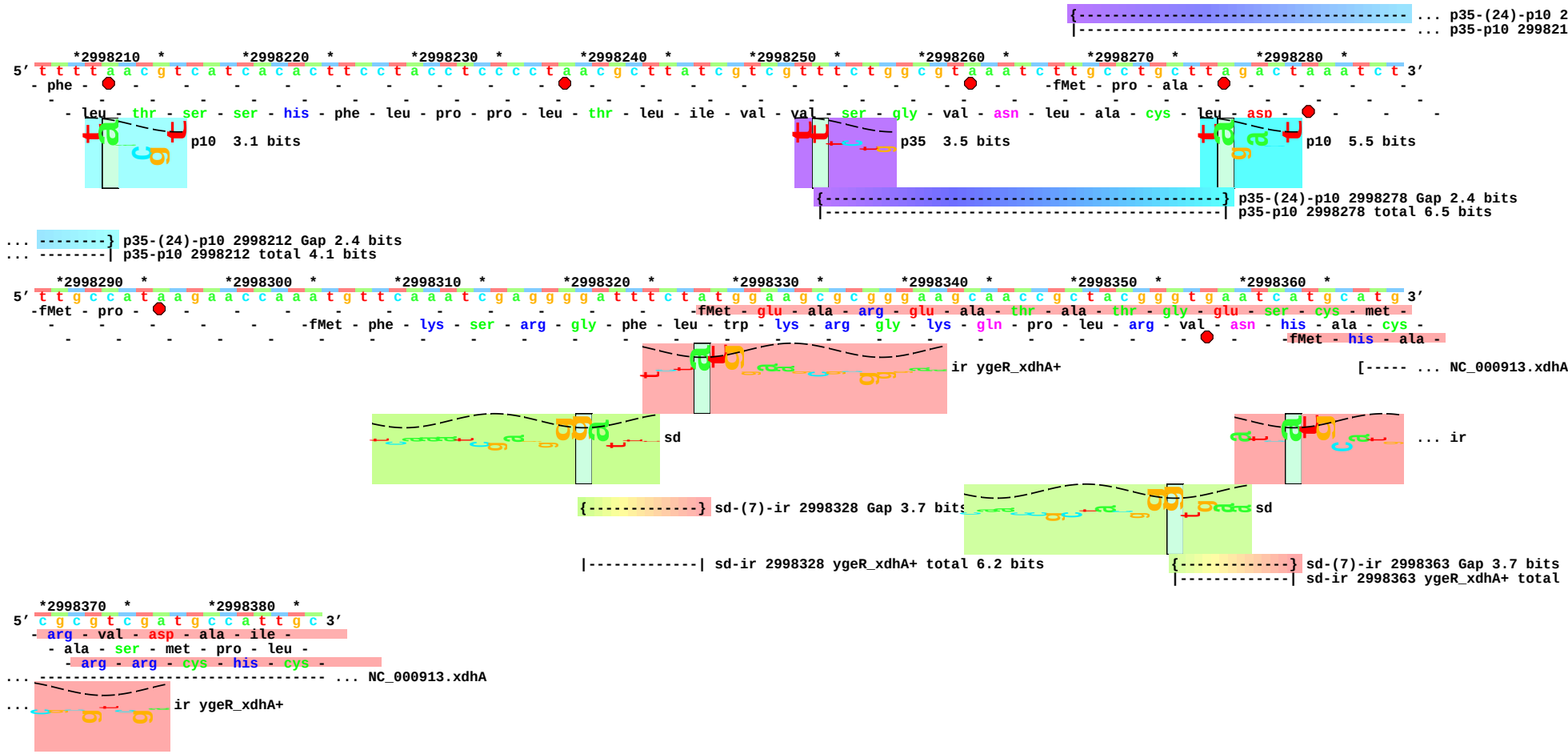
piece 1, NC_000913, ygeR_xdhA+, config: linear, direction: +, begin: 2997884, end: 2998386
*2997890 *2997900 *2997910 *2997920 *2997930 *2997940 *2997950 *2997960
5′ a g a t t t t t a t t c a g g c g t c c c g c a c t c a a a t c t t t c c t c g c t t a a a a a a c a a g a c g c c t t a t c a t a g c a g c c a g c c t c t 3′
- arg - phe - phe - ile - gln - ala - ser - arg - thr - gln - asn - leu - ser - ser - leu - lys - lys - gln - asp - ala - leu - ser -
- asp - phe - leu - phe - arg - arg - arg - pro - ala - leu - lys - ile - phe - pro - arg - leu - lys - asn - lys - thr - pro - tyr - his - ser - ser - gln - pro - leu -
- ile - phe - tyr - ser - gly - val - pro - his - ser - lys - ser - phe - leu - ala - -fMet -
...] NC_000913.ygeR
p35 4.8 bits
p10 4.7 bits
} p35-(22)-p10 2997912 Gap 2.3 bits
| p35-p10 2997912 total 7.2 bits
p35 4.8 bits
p10 1.4 bits
} p35-(23)-p10 2997914 Gap 1.4 bits
| p35-p10 2997914 total 4.8 bits
*2997970 *2997980 *2997990 *2998000 *2998010 *2998020 *2998030 *2998040
5′ t g a t a c c c a a t c t c t t g c t t c t g g a a a a a c g t g g t a a t a g a g a a a g a g g t t a a t t t c a t t t g g c a a a g g g a a g t a t c a t c a 3′
-fMet - val - ile - glu - lys - glu - val - asn - phe - ile - trp - gln - arg - glu - val - ser - ser -
- asp - thr - gln - ser - leu - ala - ser - gly - lys - thr - trp -
- ile - pro - asn - leu - leu - leu - leu - glu - lys - arg - gly - asn - arg - glu - arg - gly -
-fMet - ala - lys - gly - ser - ile - ile - ser -
ir ygeR_xdhA+
p35 4.0 bits
p10 6.3 bits
sd
p35 1.9 bits
} sd-(7)-ir 2997995 Gap 3.7 bits
| sd-ir 2997995 ygeR_xdhA+ total 6.7 bits
} p35-(24)-p10 2998039 Gap 2.4 bits
... p35-(22)-p10 29980
| p35-p10 2998039 total 5.8 bits
... p35-p10 2998048 to
... p35-(24)-p10 29980
... p35-p10 2998050 to
*2998050 *2998060 *2998070 *2998080 *2998090 *2998100 *2998110 *2998120
5′ g c a a a a t a t t c g c t g t a g a g g t a t c g a a c t t c c t g a c t t t t t a c c c t a t t t c c c a t c c t g a t g c g t a a t a a t c c c a a t t t a 3′
- ala - lys - tyr - ser - leu -
-fMet - arg - asn - asn - pro - asn - leu -
- lys - ile - phe - ala - val - glu - val - ser - asn - phe - leu - thr - phe - tyr - pro - ile - ser - his - pro - asp - ala -
p10 4.7 bits [###> orf 23 codons
p10 2.5 bits
... ----} p35-(22)-p10 2998048 Gap 2.3 bits
... ----| p35-p10 2998048 total 6.4 bits
... --------} p35-(24)-p10 2998050 Gap 2.4 bits
... --------| p35-p10 2998050 total 4.1 bits
*2998130 *2998140 *2998150 *2998160 *2998170 *2998180 *2998190 *2998200
5′ t c a c a t t g a t t t t a t c g c c a c t c a t a t t g a t a c g t a t c a c t g c c c c t a t t c a g a g t c c t g t t t c g t a t c a t a t c t g t g t t t 3′
- ser - his -
-fMet - phe -
-fMet - ile - leu - ser - pro - leu - ile - leu - ile - arg - ile - thr - ala - pro - ile - gln - ser - pro - val - ser - tyr - his - ile - cys - val - phe -
p35 5.6 bits
p10 1.2 bits
} p35-(24)-p10 2998178 Gap 2.4 bits
| p35-p10 2998178 total 4.3 bits
p35 3.5 bits


... p35-(24)-p10 2
... p35-p10 299821
*2998210 *2998220 *2998230 *2998240 *2998250 *2998260 *2998270 *2998280 *
5' t t t t a a c g t c a t c a c a c t t c c t a c c t c c c c t a a c g c t t a t c g t c g t t t c t g g c g t a a a t c t t g c c t g c t t a g a c t a a a t c t 3'
- phe - - -