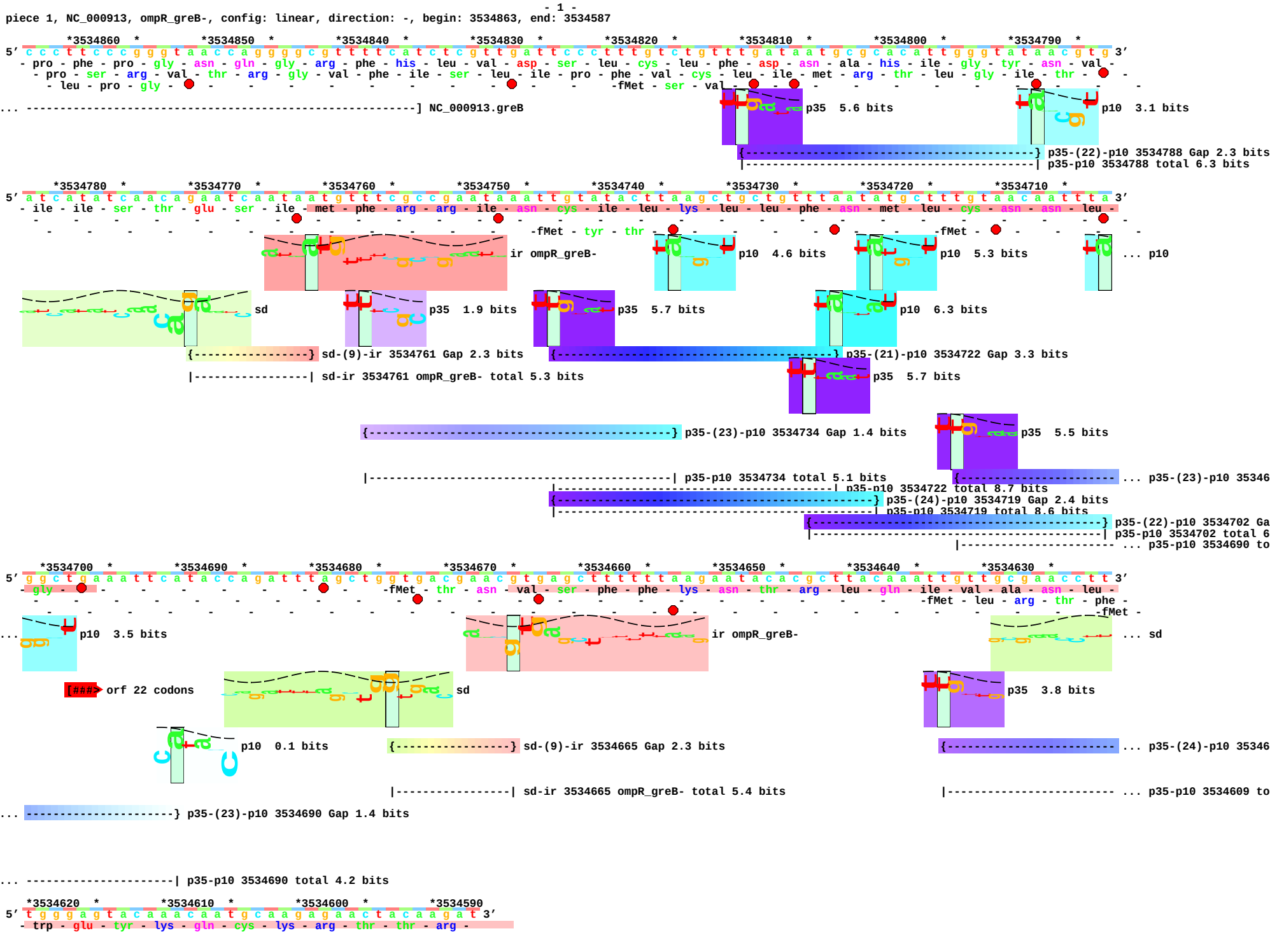
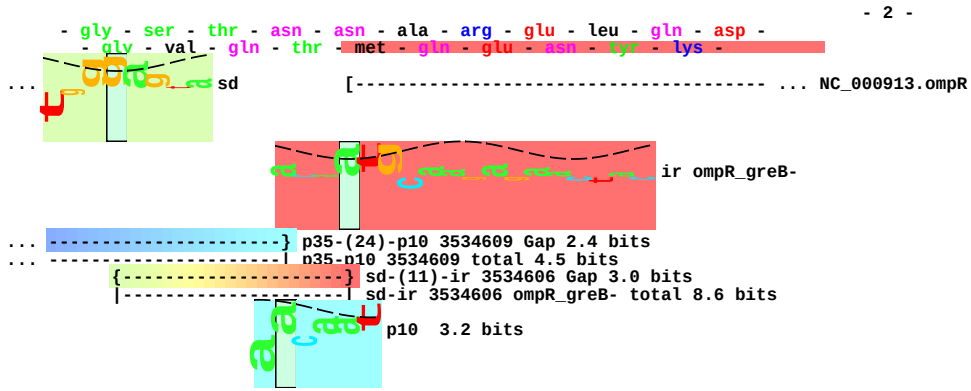

piece 1, NC_000913, ompR_greB-, config: linear, direction: -, begin: 3534863, end: 3534587
*3534860 *3534850 *3534840 *3534830 *3534820 *3534810 *3534800 *3534790 *
5′ c c c t t c c c g g g t a a c c a g g g g c g t t t t c a t c t c g t t g a t t c c c t t t g t c t g t t t g a t a a t g c g c a c a t t g g g t a t a a c g t g 3′
- pro - phe - pro - gly - asn - gln - gly - arg - phe - his - leu - val - asp - ser - leu - cys - leu - phe - asp - asn - ala - his - ile - gly - tyr - asn - val -
- pro - ser - arg - val - thr - arg - gly - val - phe - ile - ser - leu - ile - pro - phe - val - cys - leu - ile - met - arg - thr - leu - gly - ile - thr -
- leu - pro - gly - -fMet - ser - val -
... ----------] NC_000913.greB
p35 5.6 bits
p10 3.1 bits
{----------} p35-(22)-p10 3534788 Gap 2.3 bits
|----------| p35-p10 3534788 total 6.3 bits
*3534780 *3534770 *3534760 *3534750 *3534740 *3534730 *3534720 *3534710 *
5′ a t c a t a t c a a c a g a a t c a a t a a t g t t t c g c c g a a t a a t t g t a t a c t t a a g c t g c t g t t t a a t a t g c t t t g t a a c a a t t t a 3′
- ile - ile - ser - thr - glu - ser - ile - met - phe - arg - arg - ile - asn - cys - ile - leu - lys - leu - leu - phe - asn - met - leu - cys - asn - asn - leu -
-fMet - tyr - thr - -fMet -
ir ompR_greB-
p10 4.6 bits
p10 5.3 bits
... p10
sd
p35 1.9 bits
p35 5.7 bits
p10 6.3 bits
{----------} sd-(9)-ir 3534761 Gap 2.3 bits
{----------} p35-(21)-p10 3534722 Gap 3.3 bits
|----------| sd-ir 3534761 ompR_greB- total 5.3 bits
p35 5.7 bits
{----------} p35-(23)-p10 3534734 Gap 1.4 bits
p35 5.5 bits
|----------| p35-p10 3534734 total 5.1 bits
{---------- ... p35-(23)-p10 35346
|----------| p35-p10 3534722 total 8.7 bits
{----------} p35-(24)-p10 3534719 Gap 2.4 bits
|----------| p35-p10 3534719 total 8.6 bits
{----------} p35-(22)-p10 3534702 Ga
|----------| p35-p10 3534702 total 6
|---------- ... p35-p10 3534690 to
*3534700 *3534690 *3534680 *3534670 *3534660 *3534650 *3534640 *3534630 *
5′ g g c t g a a a t t c a t a c c a g a t t t a g c t g g t g a c g a a c g t g a g c t t t t t t a a g a a t a c a c g c t t a c a a a t t g t t g c g a a c c t t 3′
- gly - -fMet - thr - asn - val - ser - phe - phe - lys - asn - thr - arg - leu - gln - ile - val - ala - asn - leu -
-fMet - leu - arg - thr - phe -
-fMet -
... p10 3.5 bits
ir ompR_greB-
... sd
[###> orf 22 codons
sd
p35 3.8 bits
p10 0.1 bits
{----------} sd-(9)-ir 3534665 Gap 2.3 bits
{---------- ... p35-(24)-p10 35346
|----------| sd-ir 3534665 ompR_greB- total 5.4 bits
|---------- ... p35-p10 3534609 to
... ----------} p35-(23)-p10 3534690 Gap 1.4 bits
... ----------| p35-p10 3534690 total 4.2 bits
*3534620 *3534610 *3534600 *3534590
5′ t g g g a g t a c a a a c a a t g c a a g a g a a c t a c a a g a t 3′
- trp - glu - tyr - lys - gln - cys - lys - arg - thr - thr - arg -


- gly - ser - thr - asn - asn - ala - arg - glu - leu - gln - asp -
- gly - val - gln - thr - met - gln - glu - asn - tyr - lys -
... sd [---------- ... NC_000913.ompR
ir ompR_greB-
... }---------- p35-(24)-p10 3534609 Gap 2.4 bits
... |---------- p35-p10 3534609 total 4.5 bits
{----------} sd-(11)-ir 3534606 Gap 3.0 bits
|---------- sd-ir 3534606 ompR_greB- total 8.6 bits
p10 3.2 bits