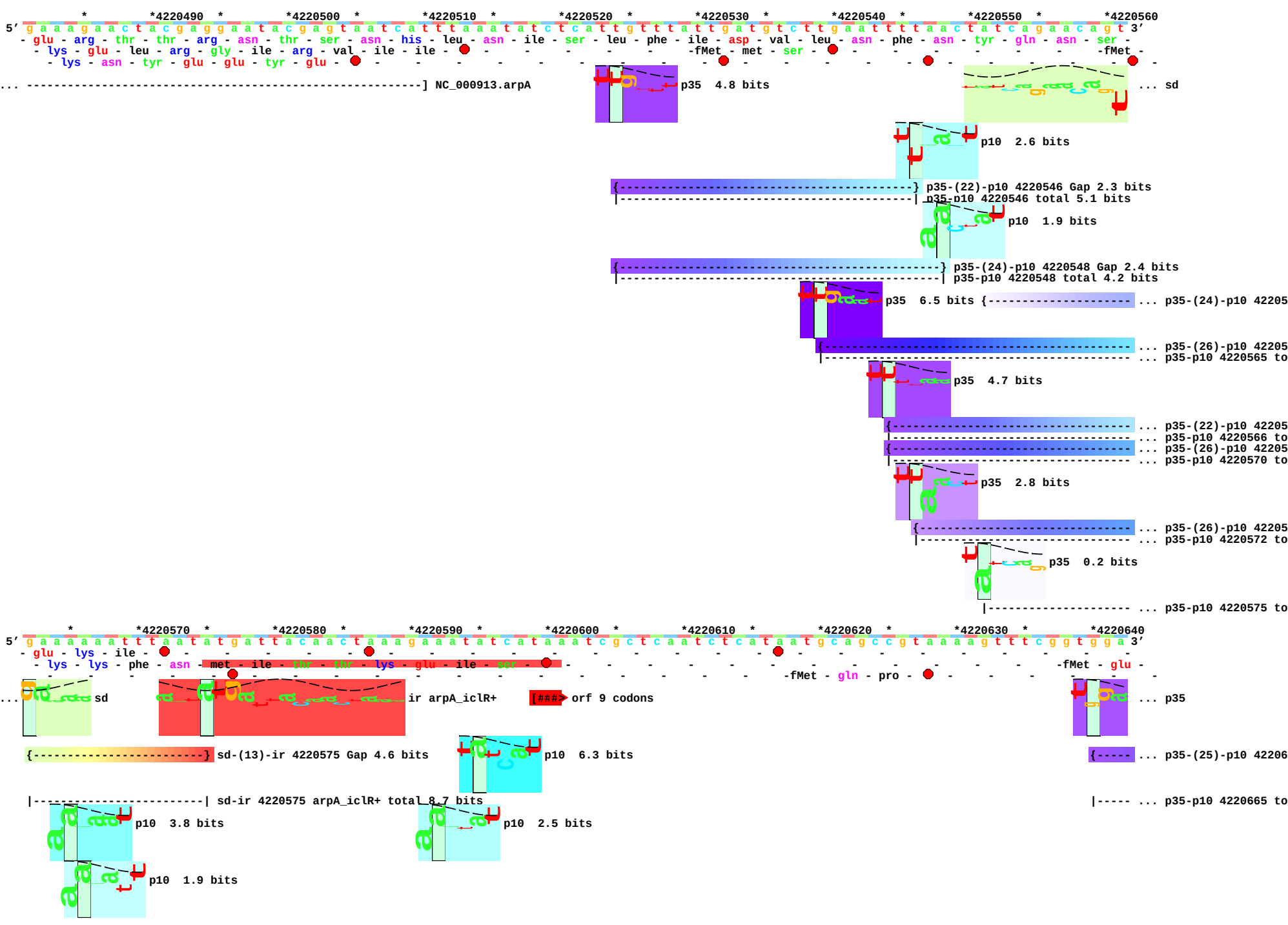
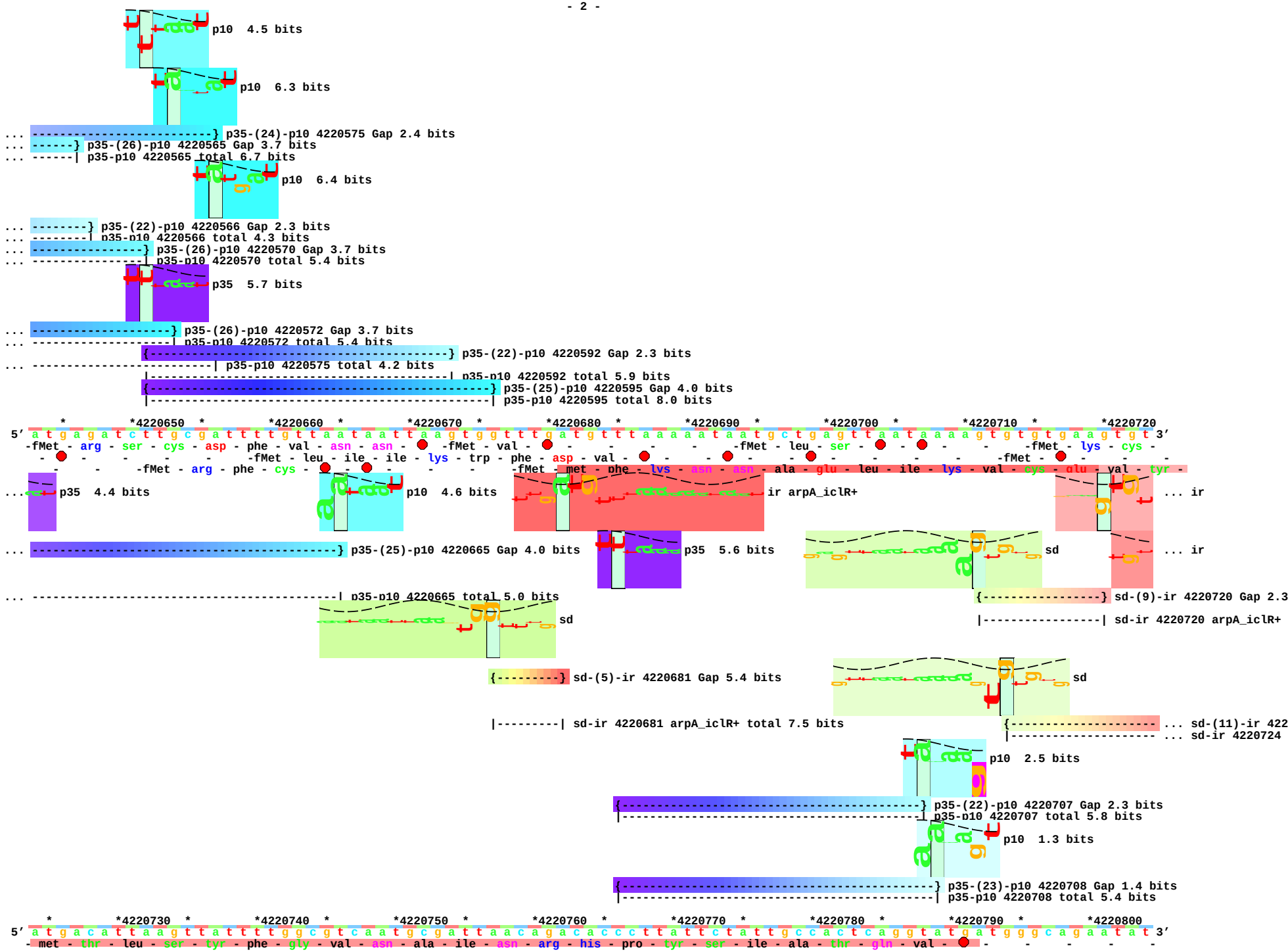
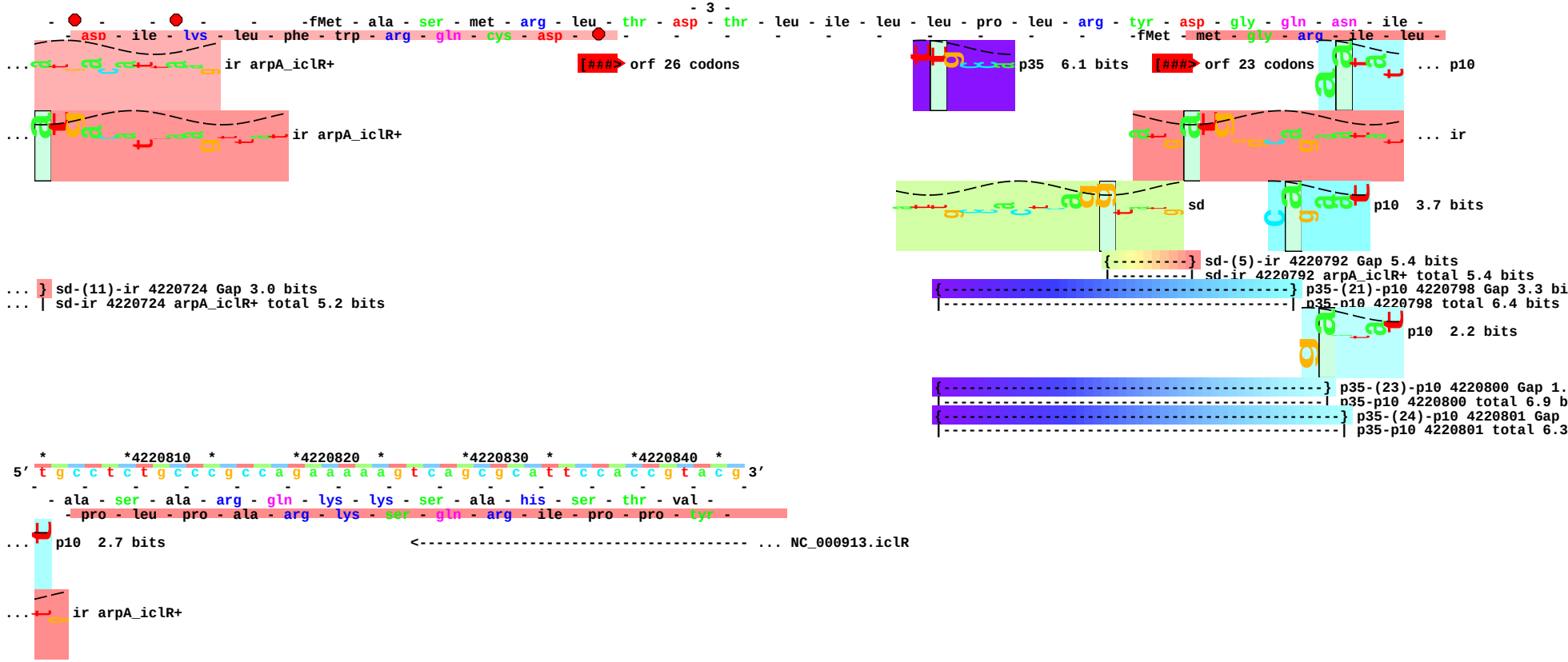
piece 1, NC_000913, arpA_iclR+, config: linear, direction: +, begin: 4220481, end: 4220846




p10 4.5 bits
p10 6.3 bits
p35-(24)-p10 4220575 Gap 2.4 bits
p35-(26)-p10 4220565 Gap 3.7 bits
p35-p10 4220565 total 6.7 bits
p10 6.4 bits
p35-(22)-p10 4220566 Gap 2.3 bits
p35-p10 4220566 total 4.3 bits
p35-(26)-p10 4220570 Gap 3.7 bits
p35-p10 4220570 total 5.4 bits
p35 5.7 bits
p35-(26)-p10 4220572 Gap 3.7 bits
p35-p10 4220572 total 5.4 bits
p35-(22)-p10 4220592 Gap 2.3 bits
p35-p10 4220575 total 4.2 bits
p35-p10 4220592 total 5.9 bits
p35-(25)-p10 4220595 Gap 4.0 bits
p35-p10 4220595 total 8.0 bits
*4220650 *4220660 *4220670 *4220680 *4220690 *4220700 *4220710 *4220720
5′ a t g a g a t c t t g c g a t t t t g t t a a t a a t t a a g t g g t t t g a t g t t t a a a a a t a a t g c t g a g t t a a t a a a a g t g t g t g a a g t g t 3′
-fMet - arg - ser - cys - asp - phe - val - asn - asn - -fMet - val - -fMet - leu - ser - -fMet - lys - cys -
-fMet - leu - ile - ile - lys - trp - phe - asp - val -
-fMet - arg - phe - cys - -fMet - met - phe - lys - asn - asn - ala - glu - leu - ile - lys - val - cys - glu - val - tyr -
p35 4.4 bits
p10 4.6 bits
ir arpA_iclR+
... ir
p35-(25)-p10 4220665 Gap 4.0 bits
p35 5.6 bits
sd
... ir
p35-p10 4220665 total 5.0 bits
sd
sd-(9)-ir 4220720 Gap 2.3
sd-ir 4220720 arpA_iclR+
sd-(5)-ir 4220681 Gap 5.4 bits
sd
sd-ir 4220681 arpA_iclR+ total 7.5 bits
... sd-(11)-ir 422
... sd-ir 4220724
p10 2.5 bits
p35-(22)-p10 4220707 Gap 2.3 bits
p35-p10 4220707 total 5.8 bits
p10 1.3 bits
p35-(23)-p10 4220708 Gap 1.4 bits
p35-p10 4220708 total 5.4 bits
*4220730 *4220740 *4220750 *4220760 *4220770 *4220780 *4220790 *4220800
5′ a t g a c a t t a a g t t a t t t t g g c g t c a a t g c g a t t a a c a g a c a c c c t t a t t c t a t t g c c a c t c a g g t a t g a t g g g c a g a a t a t 3′
- met - thr - leu - ser - tyr - phe - gly - val - asn - ala - ile - asn - arg - his - pro - tyr - ser - ile - ala - thr - gln - val -


-fMet - ala - ser - met - arg - leu - thr - asp - thr - leu - ile - leu - leu - pro - leu - arg - tyr - asp - gly - gln - asn - ile -
- asp - ile - lys - leu - phe - trp - arg - gln - cys - asp -
-fMet - met - gly - arg - ile - leu -
... ir arpA_iclR+
[###> orf 26 codons
p35 6.1 bits
[###> orf 23 codons
... p10
... ir arpA_iclR+
... ir
sd
p10 3.7 bits
{---------} sd-(5)-ir 4220792 Gap 5.4 bits
|---------| sd-ir 4220792 arpA_iclR+ total 5.4 bits
... } sd-(11)-ir 4220724 Gap 3.0 bits
... | sd-ir 4220724 arpA_iclR+ total 5.2 bits
{----------} p35-(21)-p10 4220798 Gap 3.3 bi
|----------| p35-p10 4220798 total 6.4 bits
p10 2.2 bits
{----------} p35-(23)-p10 4220800 Gap 1.
|----------| p35-p10 4220800 total 6.9 b
{----------} p35-(24)-p10 4220801 Gap
|----------| p35-p10 4220801 total 6.3
* *4220810 * *4220820 * *4220830 * *4220840 *
5′ t g c c t c t g c c c g c c a g a a a a a g t c a g c g c a t t c c a c c g t a c g 3′
- ala - ser - ala - arg - gln - lys - lys - ser - ala - his - ser - thr - val -
- pro - leu - pro - ala - arg - lys - ser - gln - arg - ile - pro - pro - tyr -
... p10 2.7 bits
<---------- ... NC_000913.iclR
... ir arpA_iclR+