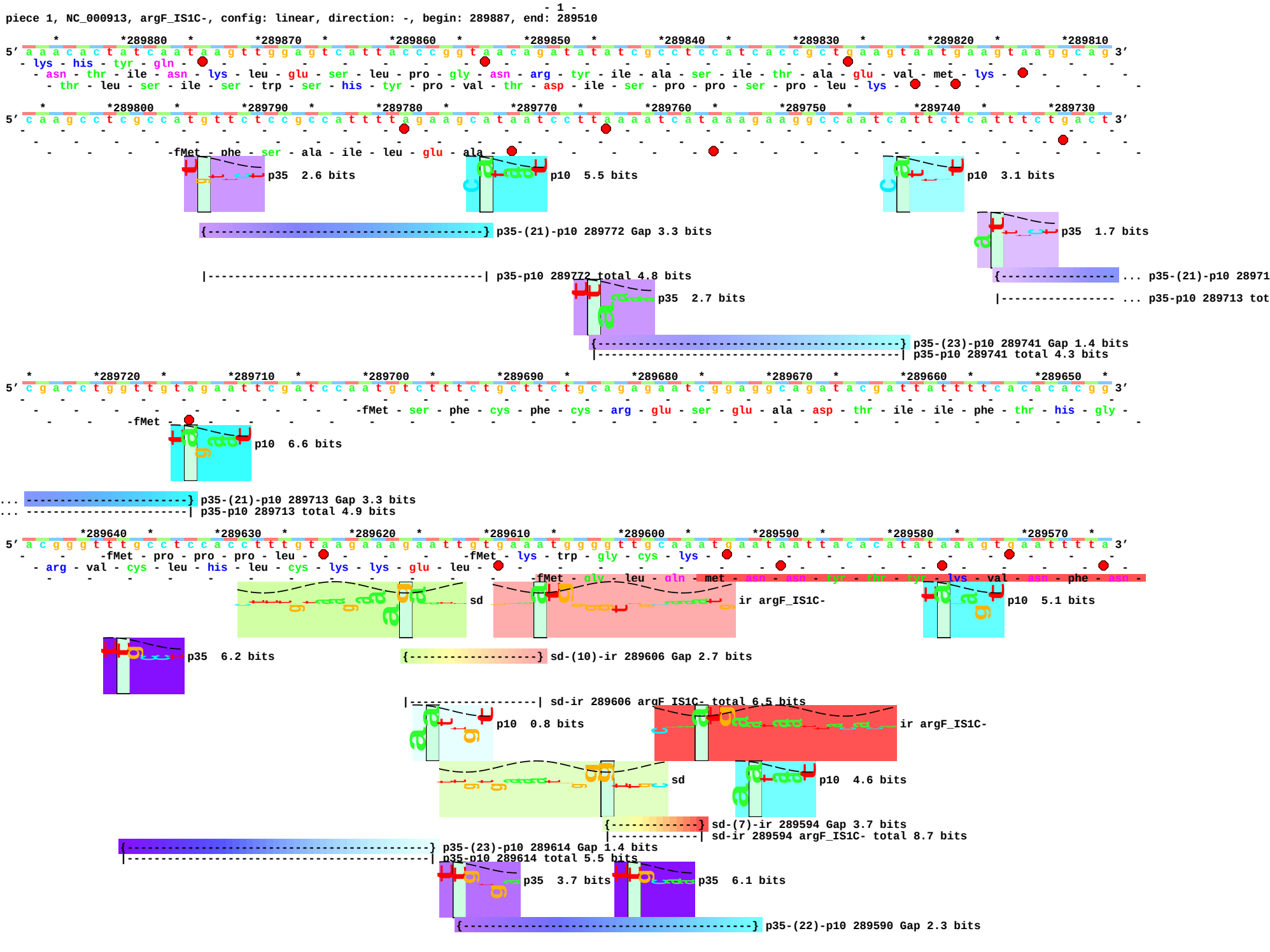
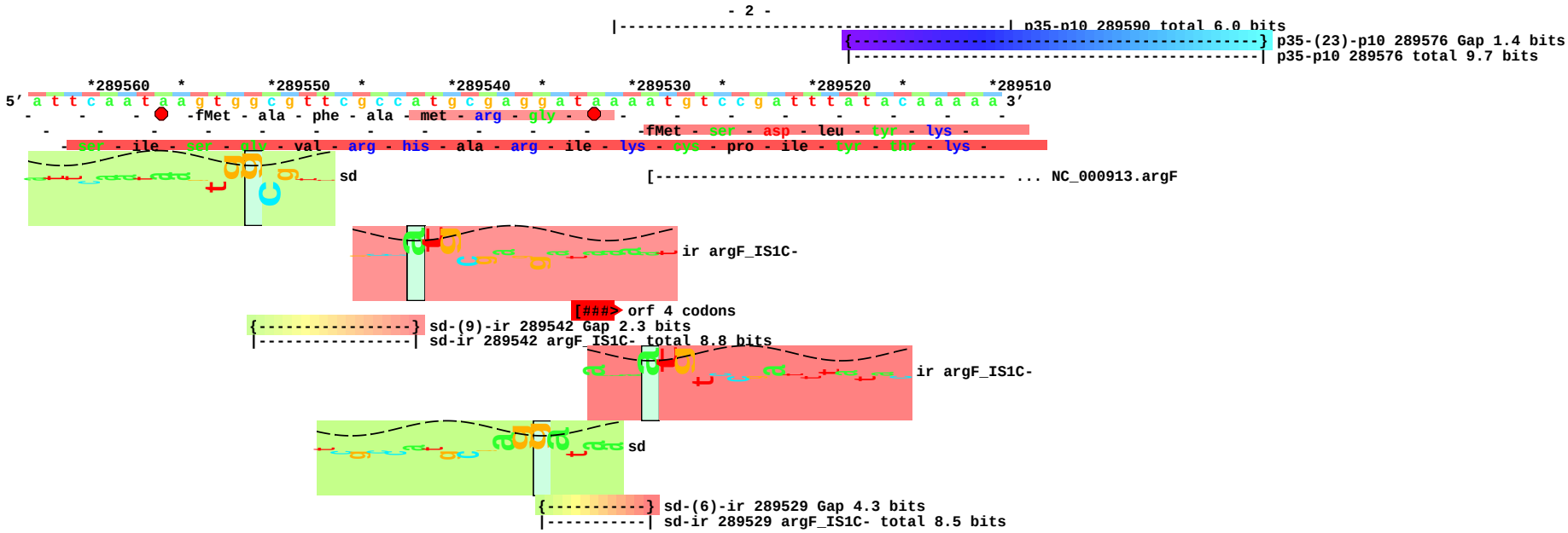

- 1 -
piece 1, NC_000913, argF_IS1C-, config: linear, direction: -, begin: 289887, end: 289510
*289880 *289870 *289860 *289850 *289840 *289830 *289820 *289810
5′ a a a c a c t a t c a a t a a g t t g g a g t c a t t a c c c g g t a a c a g a t a t c g c c t c c a t c a c c g c t g a a g t a a t g a a g t a a g g c a g 3′
- lys - his - tyr - gln -
- asn - thr - ile - asn - lys - leu - glu - ser - leu - pro - gly - asn - arg - tyr - ile - ala - ser - ile - thr - ala - glu - val - met - lys -
- thr - leu - ser - ile - ser - trp - ser - his - tyr - pro - val - thr - asp - ile - ser - pro - pro - ser - pro - leu - lys -
*289800 *289790 *289780 *289770 *289760 *289750 *289740 *289730
5′ c a a g c c t c g c c a t g t t c t c c g c c a t t t t a g a a g c a t a a t c c t t a a a a t c a t a a a g a a g g c c a a t c a t t c t c a t t t c t g a c t 3′
-fMet - phe - ser - ala - ile - leu - glu - ala -
p35 2.6 bits
p10 5.5 bits
p10 3.1 bits
p35 1.7 bits
{----------} p35-(21)-p10 289772 Gap 3.3 bits
|----------| p35-p10 289772 total 4.8 bits
{---------- ... p35-(21)-p10 28971
p35 2.7 bits
|---------- ... p35-p10 289713 tot
{----------} p35-(23)-p10 289741 Gap 1.4 bits
|----------| p35-p10 289741 total 4.3 bits
*289720 *289710 *289700 *289690 *289680 *289670 *289660 *289650
5′ c g a c c t g g t t g t a g a a t t c g a t c c a a t g t c t t t c t g c t t c t g c a g a g a a t c g g a g g c a g a t a c g a t t a t t t t c a c a c a c g g 3′
-fMet - ser - phe - cys - phe - cys - arg - glu - ser - glu - ala - asp - thr - ile - ile - phe - thr - his - gly -
-fMet -
p10 6.6 bits
... ----------} p35-(21)-p10 289713 Gap 3.3 bits
... ----------| p35-p10 289713 total 4.9 bits
*289640 *289630 *289620 *289610 *289600 *289590 *289580 *289570
5′ a c g g g t t t g c c t c c a c c t t t g t a a g a a a g a a t t g t g a a a t g g g g t t g c a a a t g a a t a a t t a c a c a t a t a a a g t g a a t t t t a 3′
-fMet - lys - trp - gly - cys - lys -
-fMet - pro - pro - pro - leu -
- arg - val - cys - leu - his - leu - cys - lys - lys - glu - leu -
-fMet - gly - leu - gln - met - asn - asn - tyr - thr - tyr - lys - val - asn - phe - asn -
sd
ir argF_IS1C-
p10 5.1 bits
p35 6.2 bits
{----------} sd-(10)-ir 289606 Gap 2.7 bits
|----------| sd-ir 289606 argF_IS1C- total 6.5 bits
p10 0.8 bits
ir argF_IS1C-
sd
p10 4.6 bits
{----------} sd-(7)-ir 289594 Gap 3.7 bits
|----------| sd-ir 289594 argF_IS1C- total 8.7 bits
{----------} p35-(23)-p10 289614 Gap 1.4 bits
|----------| p35-p10 289614 total 5.5 bits
p35 3.7 bits
p35 6.1 bits
{----------} p35-(22)-p10 289590 Gap 2.3 bits


|----------| p35-p10 289590 total 6.0 bits
{----------} p35-(23)-p10 289576 Gap 1.4 bits
|----------| p35-p10 289576 total 9.7 bits
*289560
*289550
*289540
*289530
*289520
*289510
5' a t t c a a t a a g t g g c g t t c g c c a t g c g a g g a t a a a a t g t c c g a t t t a t a c a a a a a 3'
-fMet - ala - phe - ala - met - arg - gly -
-fMet - ser - asp - leu - tyr - lys -
- ile - ser - gly - val - arg - his - ala - arg - ile - lys - cys - pro - ile - tyr - thr - lys -
sd
[---------- ... NC_000913.argF
ir argF_IS1C-
[###> orf 4 codons
{----------} sd-(9)-ir 289542 Gap 2.3 bits
|----------| sd-ir 289542 argF_IS1C- total 8.8 bits
ir argF_IS1C-
sd
{----------} sd-(6)-ir 289529 Gap 4.3 bits
|----------| sd-ir 289529 argF_IS1C- total 8.5 bits