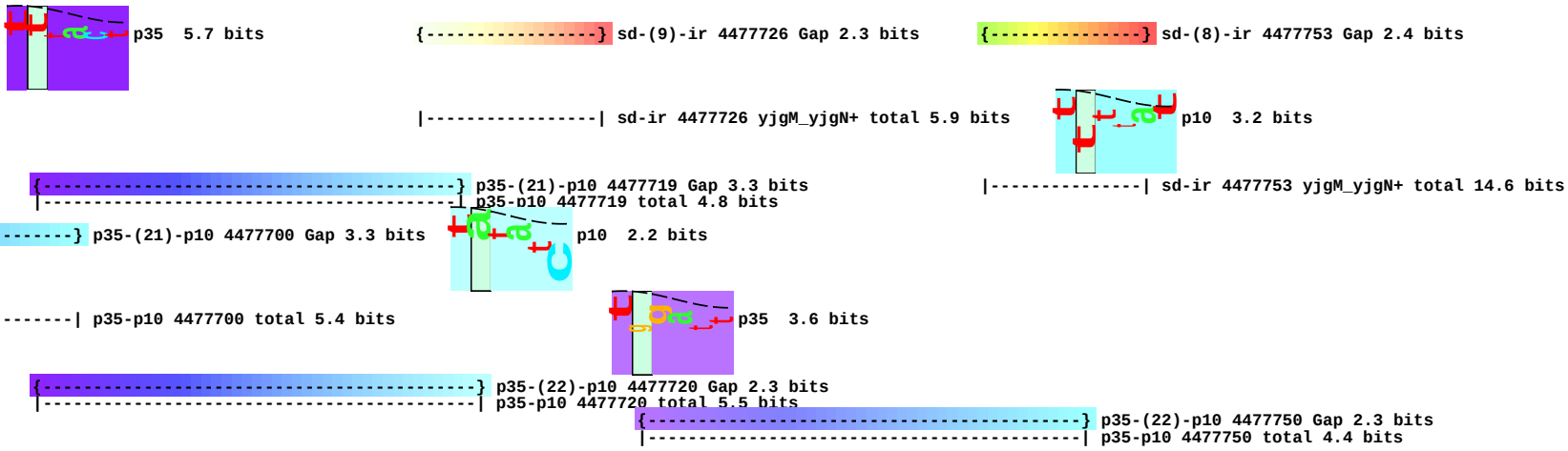
piece 1, NC_000913, yjgM_yjgN+, config: linear, direction: +, begin: 4477531, end: 4477772
*4477540 *4477550 *4477560 *4477570 *4477580 *4477590 *4477600 *4477610
5′ t a c a g g t g a t t g c g g c g c a a t g t t a t t c a t a g t t t a a c c c a a t a a a a a t a a a g t a a t t a t a c a t t t g t t t a a t a c c a c t c t 3′
- tyr - arg - -fMet - arg - arg - asn - val - ile - his - ser - leu - thr - gln - -fMet - phe - asn - thr - thr - leu -
- thr - gly - asp - cys - gly - ala - met - leu - phe - ile - val - - gln - val - ile - ala - ala - gln - cys - tyr - ser -
... ----------] NC_000913.yjgM
p10 3.8 bits
p35 2.7 bits
p10 5.1 bits
{----------} p35-(23)-p10 4477575 Gap 1.4 bits
|----------| p35-p10 4477575 total 5.1 bits
p35 2.2 bits
p10 3.3 bits
{----------} p35-(24)-p10 4477580 Gap 2.4 bits
|----------| p35-p10 4477580 total 4.9 bits
p35 4.1 bits
{----------} p35-(22)-p10 4477586 Gap 2.3 bits
|----------| p35-p10 4477586 total 5.1 bits
*4477620 *4477630 *4477640 *4477650 *4477660 *4477670 *4477680 *4477690
5′ c t t c t t a c g t a c g c a a g c g a c t t a t a a a g t a a t a a a g t t t t g c c a g c c t a t t a c t g a t a a g a g t a t t g t a a c g t g g c a g a 3′
-fMet -
- phe - leu - arg - thr - gln - ala - thr - tyr - lys - val - ile - lys - phe - leu - pro - ala - tyr - tyr - -fMet - ala - glu -
sd
... ir
p35 6.1 bits
{----------} sd-(12)-ir 4477685 Gap 4.0 bits
|----------| sd-ir 4477685 yjgM_yjgN+ total 5.0 bi
p10 4.6 bits
{----------} p35-(24)-p10 4477677 Gap 2.4 bits
|----------| p35-p10 4477677 total 8.2 bits
p35 5.5 bits
{---------- ... p35-(21)-p10 44777
|---------- ... p35-p10 4477700 to
*4477700 *4477710 *4477720 *4477730 *4477740 *4477750 *4477760 *4477770
5′ a c a t t t t a c t g t c t g t a t a t a t a a g t t a t a t c a a t g g a t t t t t t a a t t c a g g g a a t t t t t a t g g c t c a a g t t a t t a a t g a 3′
-fMet - asp - phe - leu - ile - gln - gly - ile - phe - met - ala - glu - val - ile - asn -
- his - phe - thr - val - cys - ile - tyr - lys - leu - tyr - gln - trp - ile - phe - -fMet -
...ir yjgM_yjgN+
p10 2.4 bits
[###> orf 18 codons
[---------- ... NC_000913.yjgN
p10 3.1 bits
ir yjgM_yjgN+
ir yjgM_yjgN+
sd
sd


p35 5.7 bits
{----------} sd-(9)-ir 4477726 Gap 2.3 bits
{----------} sd-(8)-ir 4477753 Gap 2.4 bits
|----------| sd-ir 4477726 yjgM_yjgN+ total 5.9 bits
p10 3.2 bits
{----------} p35-(21)-p10 4477719 Gap 3.3 bits
|----------| p35-p10 4477719 total 4.8 bits
|----------| sd-ir 4477753 yjgM_yjgN+ total 14.6 bits
... {----------} p35-(21)-p10 4477700 Gap 3.3 bits
p10 2.2 bits
... |----------| p35-p10 4477700 total 5.4 bits
p35 3.6 bits
{----------} p35-(22)-p10 4477720 Gap 2.3 bits
|----------| p35-p10 4477720 total 5.5 bits
{----------} p35-(22)-p10 4477750 Gap 2.3 bits
|----------| p35-p10 4477750 total 4.4 bits