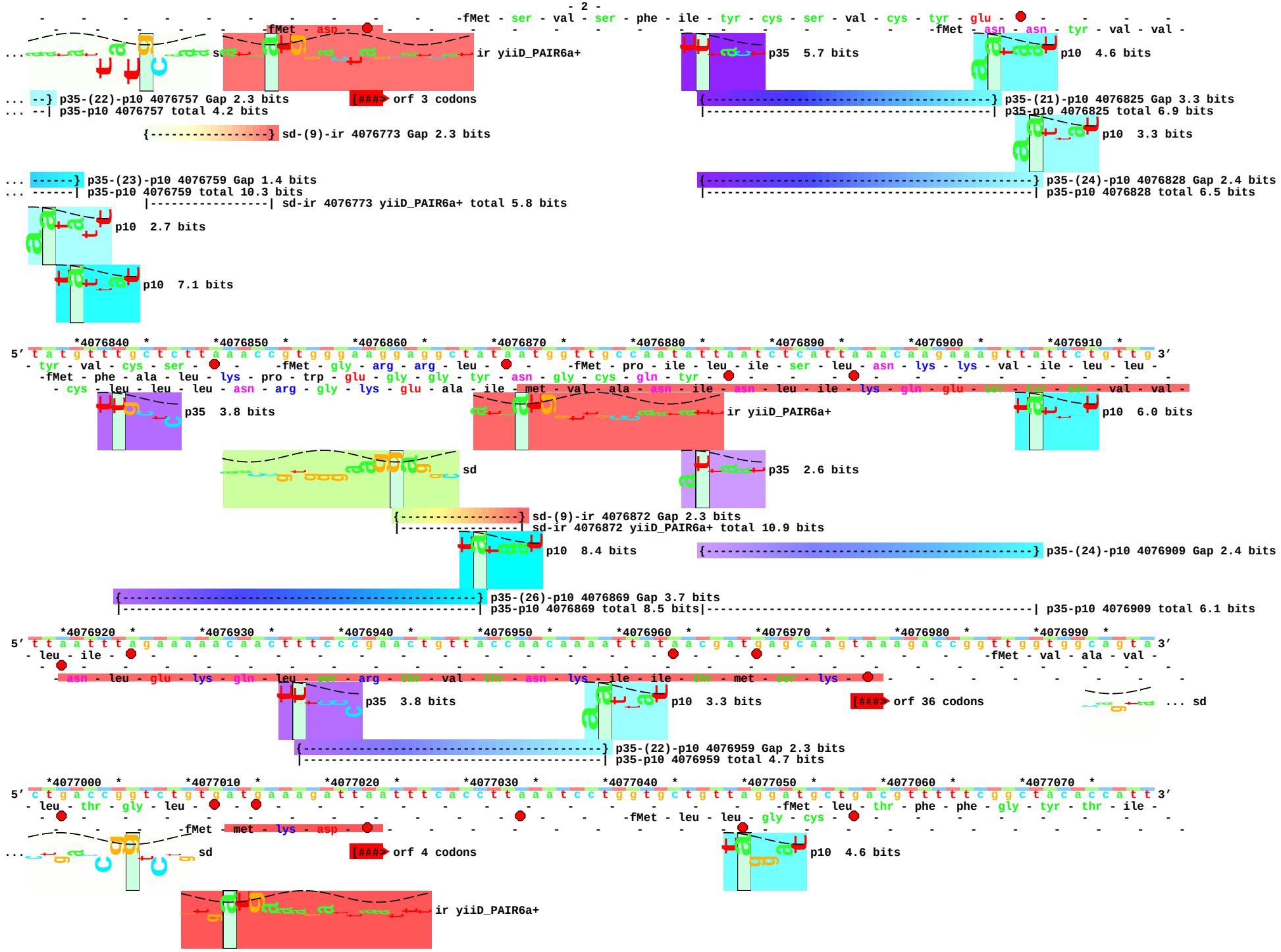
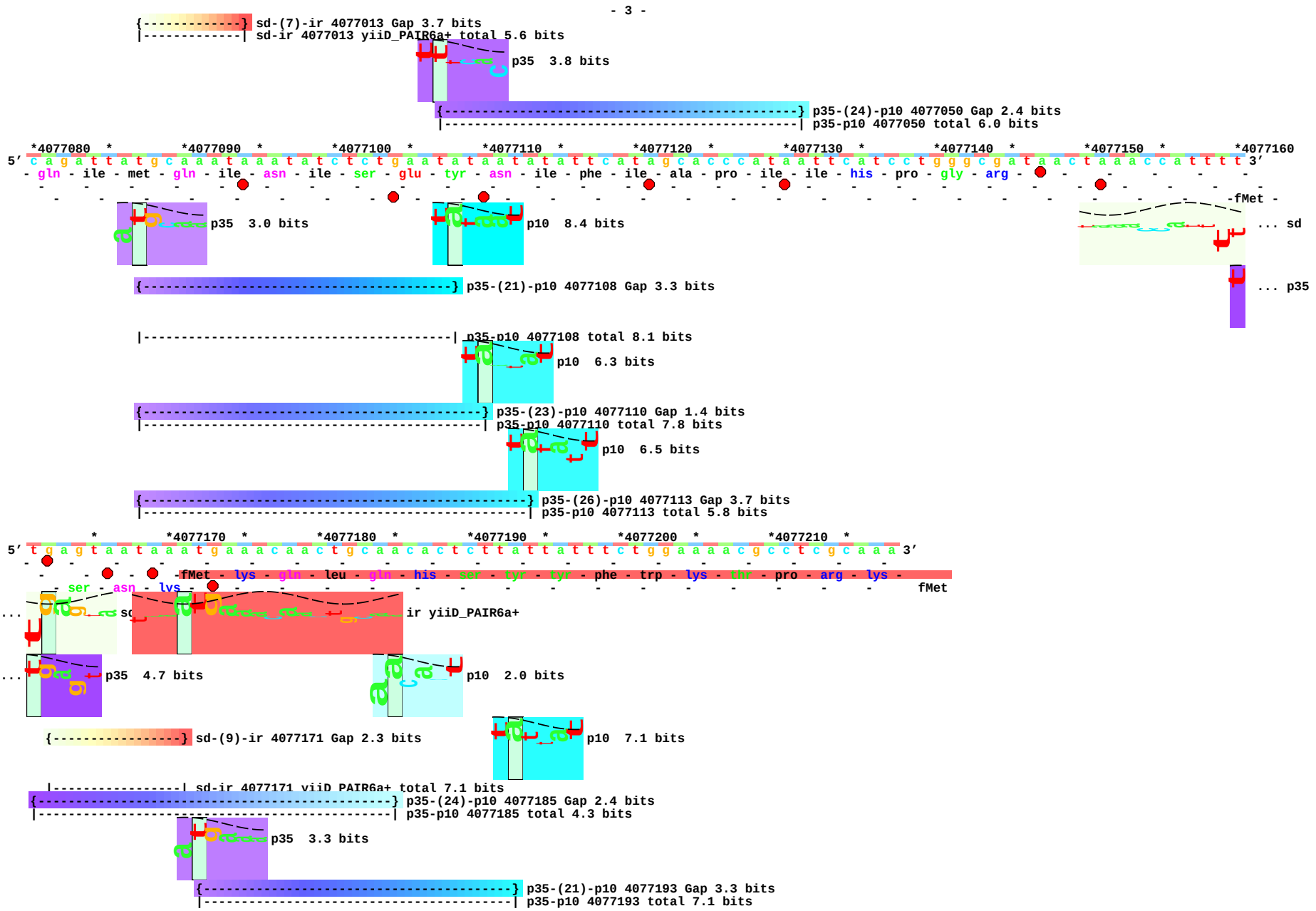
piece 1, NC_000913, yiiD_PAIR6a+, config: linear, direction: +, begin: 4076432, end: 4077218


-fMet - ser - val - ser - phe - ile - tyr - cys - ser - val - cys - tyr - glu -
-fMet - asn - asn - tyr - val - val -
-fMet - asn -
sd
ir yiiD_PAIR6a+
p35 5.7 bits
p10 4.6 bits
--} p35-(22)-p10 4076757 Gap 2.3 bits
--| p35-p10 4076757 total 4.2 bits
[###> orf 3 codons
{----------} p35-(21)-p10 4076825 Gap 3.3 bits
|----------| p35-p10 4076825 total 6.9 bits
{----------------} sd-(9)-ir 4076773 Gap 2.3 bits
p10 3.3 bits
------} p35-(23)-p10 4076759 Gap 1.4 bits
------| p35-p10 4076759 total 10.3 bits
{----------} p35-(24)-p10 4076828 Gap 2.4 bits
|----------| p35-p10 4076828 total 6.5 bits
|----------------| sd-ir 4076773 yiiD_PAIR6a+ total 5.8 bits
p10 2.7 bits
p10 7.1 bits
*4076840 *4076850 *4076860 *4076870 *4076880 *4076890 *4076900 *4076910 *
5′ t a t g t t t g c t c t t a a a c c g t g g g a a g g a g g c t a t a a t g g t t g c c a a t a t t a a t c t c a t t a a a c a a g a a a g t t a t t c t g t t g 3′
- tyr - val - cys - ser - -fMet - gly - arg - arg - leu - -fMet - pro - ile - leu - ile - ser - leu - asn - lys - lys - val - ile - leu - leu -
-fMet - phe - ala - leu - lys - pro - trp - glu - gly - gly - tyr - asn - gly - cys - gln - tyr -
- cys - leu - leu - leu - asn - arg - gly - lys - glu - ala - ile - met - val - ala - asn - ile - asn - leu - ile - lys - gln - glu - ser - tyr - ser - val - val -
p35 3.8 bits
ir yiiD_PAIR6a+
p10 6.0 bits
sd
p35 2.6 bits
{----------} sd-(9)-ir 4076872 Gap 2.3 bits
|----------| sd-ir 4076872 yiiD_PAIR6a+ total 10.9 bits
p10 8.4 bits
{----------} p35-(24)-p10 4076909 Gap 2.4 bits
{----------} p35-(26)-p10 4076869 Gap 3.7 bits
|----------| p35-p10 4076869 total 8.5 bits
|----------| p35-p10 4076909 total 6.1 bits
*4076920 *4076930 *4076940 *4076950 *4076960 *4076970 *4076980 *4076990 *
5′ t t a a t t t a g a a a a a c a a c t t t c c c g a a c t g t t a c c a a c a a a a t t a t a a c g a t g a g c a a g t a a a g a c c g g t t g g t g g c a g t a 3′
- leu - ile - -fMet - val - ala - val -
- asn - leu - glu - lys - gln - leu - ser - arg - thr - val - thr - asn - lys - ile - ile - thr - met - ser - lys -
p35 3.8 bits
p10 3.3 bits
[###> orf 36 codons
... sd
{----------} p35-(22)-p10 4076959 Gap 2.3 bits
|----------| p35-p10 4076959 total 4.7 bits
*4077000 *4077010 *4077020 *4077030 *4077040 *4077050 *4077060 *4077070 *
5′ c t g a c c g g t c t g t g a t g a a a g a t t a a t t t c a c c t t a a a t c c t g g t g c t g t t a g g a t g c t g a c g t t t t t c g g c t a c a c c a t t 3′
- leu - thr - gly - leu - -fMet - leu - thr - phe - phe - gly - tyr - thr - ile -
-fMet - met - lys - asp - -fMet - leu - leu - gly - cys -
sd
[###> orf 4 codons
p10 4.6 bits
ir yiiD_PAIR6a+


sd-(7)-ir 4077013 Gap 3.7 bits
sd-ir 4077013 yiiD_PAIR6a+ total 5.6 bits
p35 3.8 bits
p35-(24)-p10 4077050 Gap 2.4 bits
p35-p10 4077050 total 6.0 bits
*4077080 *4077090 *4077100 *4077110 *4077120 *4077130 *4077140 *4077150 *4077160
5′ c a g a t t a t g c a a a t a a a t a t c t c t g a a t a t a a t a t a t t c a t a g c a c c c a t a a t t c a t c c t g g g c g a t a a c t a a a c c a t t t t 3′
- gln - ile - met - gln - ile - asn - ile - ser - glu - tyr - asn - ile - phe - ile - ala - pro - ile - ile - his - pro - gly - arg -
-fMet -
p35 3.0 bits
p10 8.4 bits
... sd
p35-(21)-p10 4077108 Gap 3.3 bits
... p35
p35-p10 4077108 total 8.1 bits
p10 6.3 bits
p35-(23)-p10 4077110 Gap 1.4 bits
p35-p10 4077110 total 7.8 bits
p10 6.5 bits
p35-(26)-p10 4077113 Gap 3.7 bits
p35-p10 4077113 total 5.8 bits
*4077170 *4077180 *4077190 *4077200 *4077210 *
5′ t g a g t a a t a a a t g a a a c a a c t g c a a c a c t c t t a t t a t t t c t g g a a a a c g c c t c g c a a a 3′
- fMet - lys - gln - leu - gln - his - ser - tyr - tyr - phe - trp - lys - thr - pro - arg - lys -
- ser - asn - lys -
fMet
... sd ir yiiD_PAIR6a+
... p35 4.7 bits
p10 2.0 bits
sd-(9)-ir 4077171 Gap 2.3 bits
p10 7.1 bits
sd-ir 4077171 yiiD_PAIR6a+ total 7.1 bits
p35-(24)-p10 4077185 Gap 2.4 bits
p35-p10 4077185 total 4.3 bits
p35 3.3 bits
p35-(21)-p10 4077193 Gap 3.3 bits
p35-p10 4077193 total 7.1 bits