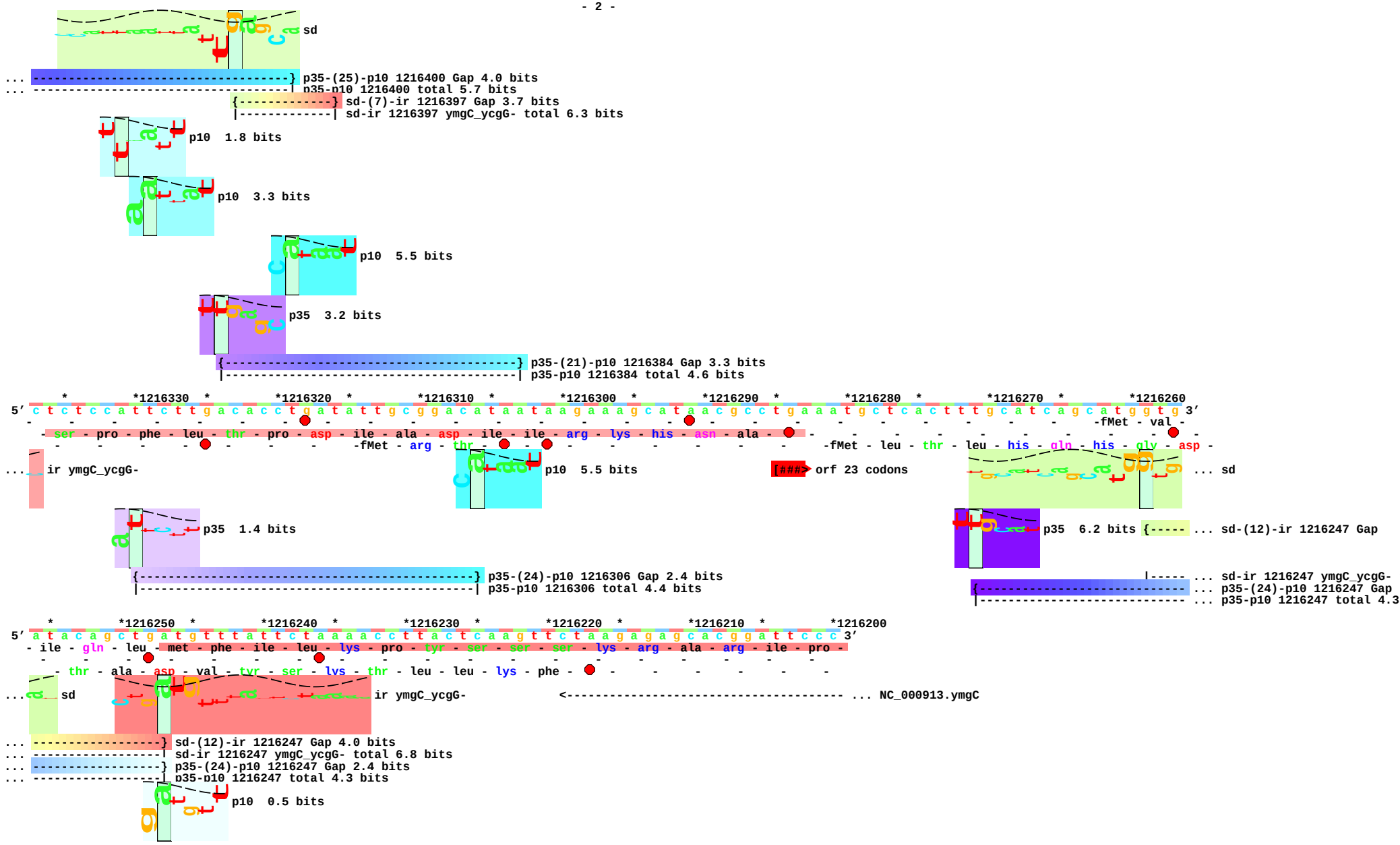

- 1 -
piece 1, NC_000913, ymgC_ycgG-, config: linear, direction: -, begin: 1216580, end: 1216200
*1216580 * *1216570 * *1216560 * *1216550 * *1216540 * *1216530 * *1216520 * *1216510 * *1216500
5' a a c g a g g a t g g g t a t g a g t g t a t t g c g c a t t t g c t t g t c c c g g c c a a a g g g t t t a a t a c a t g a a a a t g c c a t t c a t t c g c t 3'
- asn - glu - asp - gly - tyr - glu - cys - ile - ala - his - leu - leu - val - pro - ala - lys - gly - phe - asn - thr -
- thr - arg - met - gly - met - ser - val - leu - arg - ile - cys - leu - ser - arg - pro - lys - gly - leu - ile - his - glu - asn - ala - ile - his - ser - leu -
- arg - gly - trp - val - -fMet - tyr - cys - ala - phe - ala - cys - pro - gly - gln - arg - val - -fMet - lys - met - pro - phe - ile - arg - ser -
... ----------] NC_000913.ycgG
ir ymgC_ycgG-
sd
p35 5.3 bits
{----------} sd-(9)-ir 1216521 Gap 2.3 bits
|----------| sd-ir 1216521 ymgC_ycgG- total 8.0 bits
p10 4.5 bits
{----------} p35-(21)-p10 1216528 Gap 3.3 bits
|----------| p35-p10 1216528 total 6.5 bits
p10 2.0 bits
{----------} p35-(23)-p10 1216526 Gap 1.4 bits
|----------| p35-p10 1216526 total 5.9 bits
* *1216490 * *1216480 * *1216470 * *1216460 * *1216450 * *1216440 * *1216430 * *1216420
5' c g c g c t g g c a t c t a c a g a g a g c a t g g t a g a g a g c a t a a g a a a t a t c c a c g c c g a a g a t a a a a t t t c t c c a t c t t g a t c t a 3'
- ala - leu - ala - ser - thr - glu - ser - met - val - glu - ser - ile - arg - asn - ile - his - ala - glu - asp - lys - ile - phe - ser - ile - leu - ile -
- arg - trp - his - leu - gln - arg - ala - trp -
[###> orf 17 codons
p35 4.8 bits
{---------- ... p35-(23)-p10 1216413 Gap
|---------- ... p35-p10 1216413 total 4.0
{---------- ... p35-(24)-p10 1216412 Gap
|---------- ... p35-p10 1216412 total 4.2
{---------- ... p35-(26)-p10 1216410 Gap
|---------- ... p35-p10 1216410 total 4.3
p35 4.2 bits
{---------- ... p35-(25)-p10 1216400 Gap
|---------- ... p35-p10 1216400 total 5.7
* *1216410 * *1216400 * *1216390 * *1216380 * *1216370 * *1216360 * *1216350 * *1216340
5' a c c c a t t a a t t a t t g a g c a t a a t g t a g g c a g t a c a a a a t a a g t t a g g c g g g a t a t c a g g c g t c a a g a a t g g a g a g c g a g a a 3'
-fMet - ser - ile - met -
-fMet - glu - ser - glu - asn -
p10 0.7 bits
ir ymgC_ycgG-
... ir
... ----------} p35-(23)-p10 1216413 Gap 1.4 bits
[###> orf 2 codons
p10 4.7 bits
sd
... ----------| p35-p10 1216413 total 4.0 bits
... ----------} p35-(24)-p10 1216412 Gap 2.4 bits
... ----------| p35-p10 1216412 total 4.2 bits
... ----------} p35-(26)-p10 1216410 Gap 3.7 bits
... ----------| p35-p10 1216410 total 4.3 bits
{----------} sd-(9)-ir 1216351 Gap 2.3 bits
|----------| sd-ir 1216351 ymgC_ycgG- total 5.7 bits


sd
... } p35-(25)-p10 1216400 Gap 4.0 bits
... | p35-p10 1216400 total 5.7 bits
{ } sd-(7)-ir 1216397 Gap 3.7 bits
| | sd-ir 1216397 ymgC_ycgG- total 6.3 bits
p10 1.8 bits
p10 3.3 bits
p10 5.5 bits
p35 3.2 bits
{ } p35-(21)-p10 1216384 Gap 3.3 bits
| | p35-p10 1216384 total 4.6 bits
*1216330 *1216320 *1216310 *1216300 *1216290 *1216280 *1216270 *1216260
5' c t c t c c a t t c t t g a c a c c t g a t t g c g g a c a t a a t a a g a a a g c a t a a c g c c t g a a a t g c t c a c t t t g c a t c a g c a t g g t g 3'
-fMet - val -
- ser - pro - phe - leu - thr - pro - asp - ile - ala - asp - ile - ile - arg - lys - his - asn - ala -
-fMet - arg - thr -
-fMet - leu - thr - leu - his - gln - his - gly - asp -
... ir ymgC_ycgG-
p10 5.5 bits
[###> orf 23 codons
... sd
p35 1.4 bits
p35 6.2 bits { ----- ... sd-(12)-ir 1216247 Gap
{ } p35-(24)-p10 1216306 Gap 2.4 bits
| | p35-p10 1216306 total 4.4 bits
| ----- ... sd-ir 1216247 ymgC_ycgG-
{ ----- ... p35-(24)-p10 1216247 Gap
| ----- ... p35-p10 1216247 total 4.3
*1216250 *1216240 *1216230 *1216220 *1216210 *1216200
5' a t a c a g c t g a t g t t t a t t c t a a a a c c t t a c t c a a g t t c t a a g a g a g c a c g g a t t c c c 3'
- ile - gln - leu - met - phe - ile - leu - lys - pro - tyr - ser - ser - ser - lys - arg - ala - arg - ile - pro -
- thr - ala - asp - val - tyr - ser - lys - thr - leu - leu - lys - phe -
... sd
ir ymgC_ycgG-
<---------- ... NC_000913.ymgC
... } sd-(12)-ir 1216247 Gap 4.0 bits
... | sd-ir 1216247 ymgC_ycgG- total 6.8 bits
... } p35-(24)-p10 1216247 Gap 2.4 bits
... | p35-p10 1216247 total 4.3 bits
p10 0.5 bits