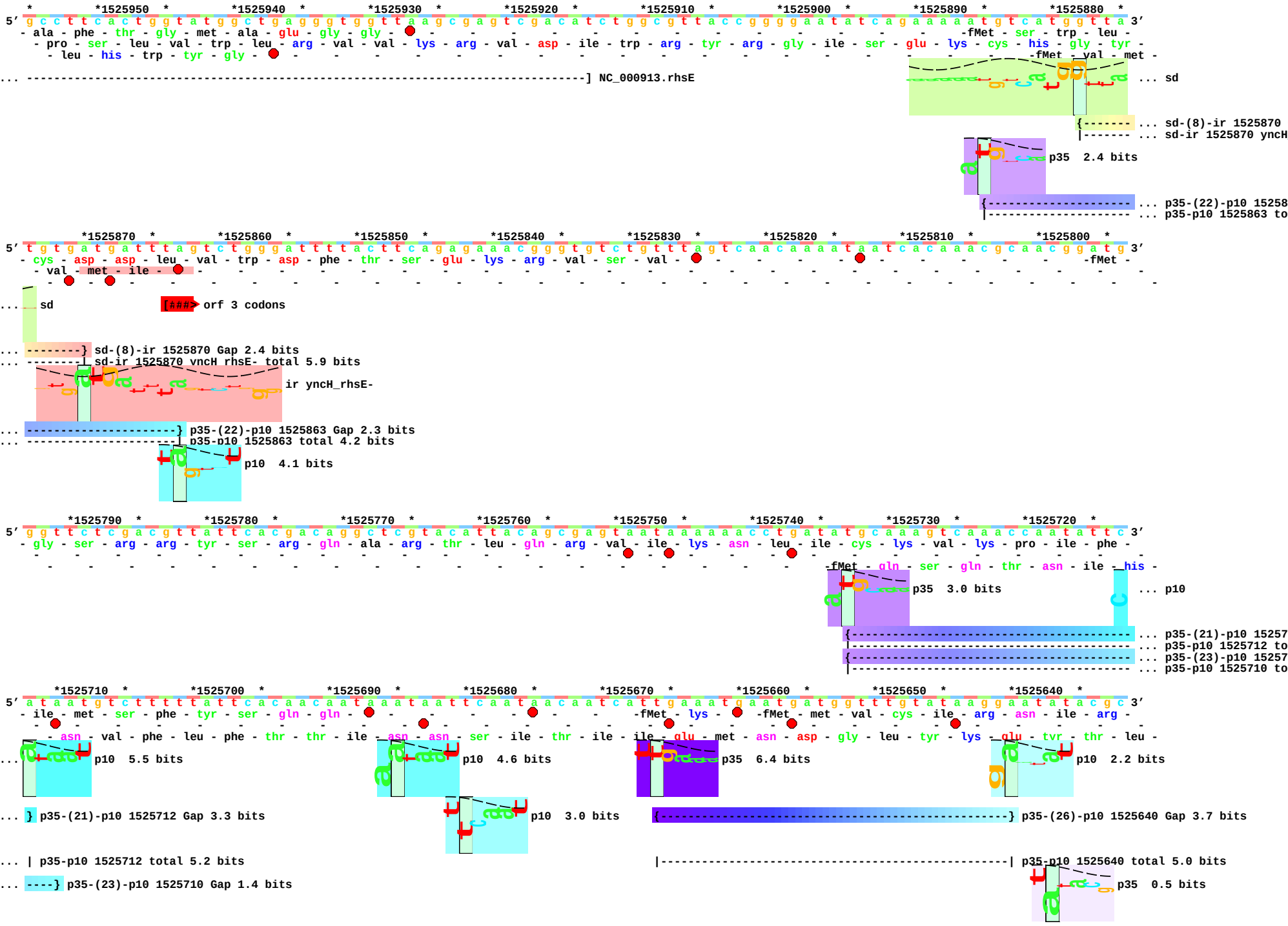
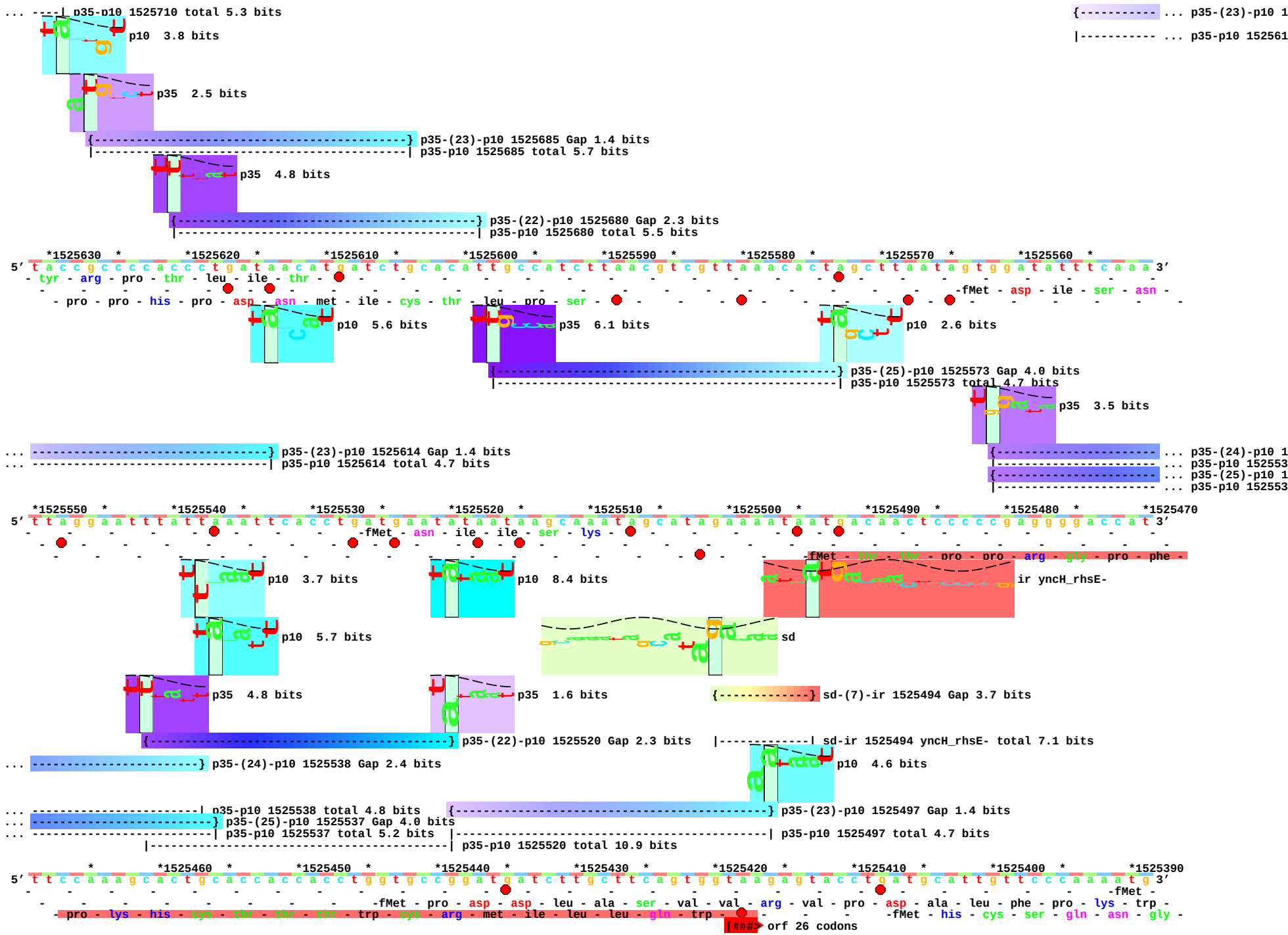
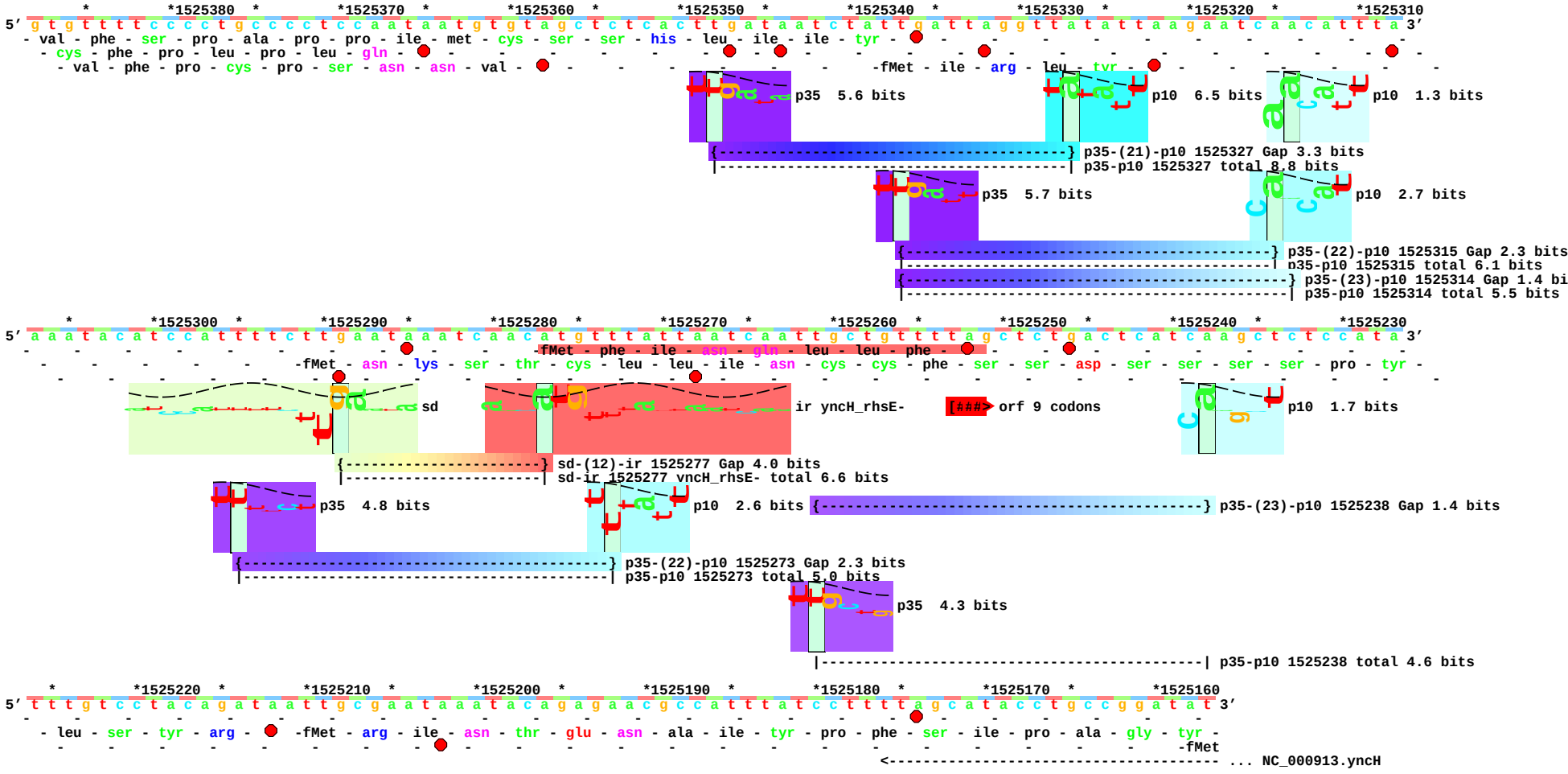
piece 1, NC_000913, yncH_rhsE-, config: linear, direction: -, begin: 1525955, end: 1525157




... ----| p35-p10 1525710 total 5.3 bits
p10 3.8 bits
p35 2.5 bits
{----------} p35-(23)-p10 1525685 Gap 1.4 bits
|----------| p35-p10 1525685 total 5.7 bits
p35 4.8 bits
{----------} p35-(22)-p10 1525680 Gap 2.3 bits
|----------| p35-p10 1525680 total 5.5 bits
*1525630 *1525620 *1525610 *1525600 *1525590 *1525580 *1525570 *1525560 *
5' t a c c g c c c a c c c t g a t a a c a t g a t c t g c a c a t t g c c a t c t t a a c g t c g t t a a a c a c t a g c t t a a t a g t g g a t a t t t c a a a 3'
- tyr - arg - pro - thr - leu - ile - thr -
-fMet - asp - ile - ser - asn -
- pro - pro - his - pro - asp - asn - met - ile - cys - thr - leu - pro - ser -
p10 5.6 bits
p35 6.1 bits
p10 2.6 bits
{----------} p35-(25)-p10 1525573 Gap 4.0 bits
|----------| p35-p10 1525573 total 4.7 bits
p35 3.5 bits
... ----------} p35-(23)-p10 1525614 Gap 1.4 bits
... ----------| p35-p10 1525614 total 4.7 bits
{---------- ... p35-(24)-p10 1
|---------- ... p35-p10 152553
{---------- ... p35-(25)-p10 1
|---------- ... p35-p10 152553
*1525550 *1525540 *1525530 *1525520 *1525510 *1525500 *1525490 *1525480 *1525470
5' t t a g g a a t t t a t t a a a t t c a c c t g a t g a a t a t a a t a a g c a a a t a g c a t a g a a a a t a a t g a c a a c t c c c c c g a g g g a c c a t 3'
-fMet - asn - ile - ile - ser - lys -
-fMet - thr - thr - pro - pro - arg - gly - pro - phe -
p10 3.7 bits
p10 8.4 bits
ir yncH_rhsE-
p10 5.7 bits
sd
p35 4.8 bits
p35 1.6 bits
{----------} sd-(7)-ir 1525494 Gap 3.7 bits
{----------} p35-(22)-p10 1525520 Gap 2.3 bits
|----------| sd-ir 1525494 yncH_rhsE- total 7.1 bits
... ----------} p35-(24)-p10 1525538 Gap 2.4 bits
p10 4.6 bits
... ----------| p35-p10 1525538 total 4.8 bits
{----------} p35-(23)-p10 1525497 Gap 1.4 bits
... ----------} p35-(25)-p10 1525537 Gap 4.0 bits
... ----------| p35-p10 1525537 total 5.2 bits
|----------| p35-p10 1525497 total 4.7 bits
|----------| p35-p10 1525520 total 10.9 bits
* *1525460 * *1525450 * *1525440 * *1525430 * *1525420 * *1525410 * *1525400 * *1525390
5' t t c c a a a g c a c t g c a c c a c c a c c t g g t g c c g g a t g a t c t t g c t t c a g t g g t a a g a g t a c c t g a t g c a t t g t t c c c a a a a t g 3'
-fMet -
-fMet - pro - asp - asp - leu - ala - ser - val - val - arg - val - pro - asp - ala - leu - phe - pro - lys - trp -
- pro - lys - his - cys - thr - thr - thr - trp - cys - arg - met - ile - leu - leu - gln - trp -
-fMet - his - cys - ser - gln - asn - gly -
[###> orf 26 codons


*1525380 *1525370 *1525360 *1525350 *1525340 *1525330 *1525320 *1525310
5′ g t g t t t t c c c c t g c c c c t c c a a t a a t g t g t a g c t c t c a c t t g a t a a t c t a t t g a t t a g g t t a t a t t a a g a a t c a a c a t t t a 3′
- val - phe - ser - pro - ala - pro - pro - ile - met - cys - ser - ser - his - leu - ile - ile - tyr -
- cys - phe - pro - leu - pro - leu - gln -
- val - phe - pro - cys - pro - ser - asn - asn - val -
-fMet - ile - arg - leu - tyr -
p35 5.6 bits
p10 6.5 bits
p10 1.3 bits
p35-(21)-p10 1525327 Gap 3.3 bits
p35-p10 1525327 total 8.8 bits
p35 5.7 bits
p10 2.7 bits
p35-(22)-p10 1525315 Gap 2.3 bits
p35-p10 1525315 total 6.1 bits
p35-(23)-p10 1525314 Gap 1.4 bi
p35-p10 1525314 total 5.5 bits
*1525300 *1525290 *1525280 *1525270 *1525260 *1525250 *1525240 *1525230
5′ a a a t a c a t c c a t t t t c t t g a a t a a a t c a a c a t g t t t a t t a a t c a a t t g c t g t t t t a g c t c t g a c t c a t c a a g c t c t c c a t a 3′
-fMet - asn - lys - ser - thr - cys - leu - leu - ile - asn - cys - cys - phe - ser - ser - asp - ser - ser - ser - ser - pro - tyr -
fMet - phe - ile - asn - gln - leu - leu - phe -
sd
ir yncH_rhsE-
[###> orf 9 codons
p10 1.7 bits
sd-(12)-ir 1525277 Gap 4.0 bits
sd-ir 1525277 yncH_rhsE- total 6.6 bits
p35 4.8 bits
p10 2.6 bits
p35-(23)-p10 1525238 Gap 1.4 bits
p35-(22)-p10 1525273 Gap 2.3 bits
p35-p10 1525273 total 5.0 bits
p35 4.3 bits
p35-p10 1525238 total 4.6 bits
*1525220 *1525210 *1525200 *1525190 *1525180 *1525170 *1525160
5′ t t t g t c c t a c a g a t a a t t g c g a a t a a a t a c a g a g a a c g c c a t t t a t c c t t t t a g c a t a c c t g c c g g a t a t 3′
- leu - ser - tyr - arg -
-fMet - arg - ile - asn - thr - glu - asn - ala - ile - tyr - pro - phe - ser - ile - pro - ala - gly - tyr -
-fMet
<---------- ... NC_000913.yncH