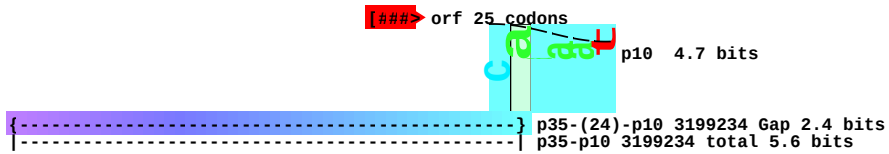
piece 1, NC_000913, ygiF_htrG+, config: linear, direction: +, begin: 3198958, end: 3199248
*3198960 *3198970 *3198980 *3198990 *3199000 *3199010 *3199020 *3199030
5′ a a t a a a c t t t a a t t c g a t t t c c t g a g c c a t g g c c t t t a c t t a t c g g t t a t g t c a c a t a a g t g a c g a t g a a c g g c g a a c t t a 3′
- asn - lys - leu - fMet - ser - his - lys -
- ile - asn - phe - asn - ser - ile - ser - fMet - ala - phe - thr - tyr - arg - leu - cys - his - ile - ser - asp - asp - glu - arg - arg - thr -
fMet - thr - met - asn - gly - glu - leu - asn -
...] NC_000913.ygiF
... ir
sd
{ ... sd-(9)-ir 3199039
| ... sd-ir 3199039 ygiF
*3199040 *3199050 *3199060 *3199070 *3199080 *3199090 *3199100 *3199110
5′ a t g c g a t c t t t t t t g t c a g t a g a t a g t a t t t t g c g c c a a a t t g c c a t g c a a c g g g c a a t t t g a c g g g c g t a a a g t t t g a a 3′
-fMet - arg - ser - phe - leu - ser - val - asp - ser - ile - leu - arg - gln - ile - ala - met - gln - arg - ala - ile -
-fMet - pro - cys - asn - gly - gln - phe - asp - gly - arg - lys - ser - leu - lys -
- ala - ile - phe - phe - val - ser - arg - fMet - thr - gly - val - lys - val -
... ir ygiF_htrG+ p10 5.3 bits p10 2.8 bits [###> orf 21 codons
p35 1.2 bits {---------- p35-(24)-p10 3199076 Gap 2.4 bits
... } sd-(9)-ir 3199039 Gap 2.3 bits
... | sd-ir 3199039 ygiF_htrG+ total 5.0 bits
{---------- p35-(23)-p10 3199063 Gap 1.4 bits
|---------- p35-p10 3199063 total 5.0 bits
p35 5.5 bits
|---------- p35-p10 3199076 total 5.9 bits
*3199120 *3199130 *3199140 *3199150 *3199160 *3199170 *3199180 *3199190 *3199200
5′ g c a g t g g c a a g a c c t g a c a c a g a g g a t t c c g a t t g a t g t c g a a t g c t t t g c g t a g c g a c a c t g a t g c c a c t a c t a t c g t t c 3′
- fMet - ala - arg - pro - asp - thr - glu - asp - ser - asp - fMet - leu - cys - val - ala - thr - leu - met - pro - leu - leu - ser - phe -
- gln - trp - gln - asp - leu - thr - gln - arg - ile - pro - ile - asp - val - glu - cys - phe - ala - fMet - met - ser - asn - ala - leu - arg - ser - asp - thr - asp - ala - thr - thr - ile - val - pro -
sd ir ygiF_htrG+ p10 5.6 bits
{---------- sd-(11)-ir 3199155 Gap 3.0 bits p10 1.8 bits p10 3.8 bits
|---------- sd-ir 3199155 ygiF_htrG+ total 7.6 bits
p35 4.7 bits p35 4.4 bits
{---------- p35-(24)-p10 3199177 Gap 2.4 bits
|---------- p35-p10 3199177 total 4.0 bits
{---------- p35-(23)-p10 3199191 Gap 1.4 bits
|---------- p35-p10 3199191 total 8.6 bits
{---------- p35-(26)-p10 3199194 Gap 3.7 bits
|---------- p35-p10 3199194 total 4.5 bits
*3199210 *3199220 *3199230 *3199240
5′ c a c t t t c c a t g a c a a t a a c g a c a g c c t g a t g c c a a a t t a c g c c t g a t 3′
- his - phe - pro - fMet - pro - lys - leu - arg - leu -
- leu - ser - met - thr - ile - thr - thr - ala -
p35 3.3 bits [---------- ... NC_000913.htrG


[###> orf 25 codons
p10 4.7 bits
{---} p35-(24)-p10 3199234 Gap 2.4 bits
|---| p35-p10 3199234 total 5.6 bits