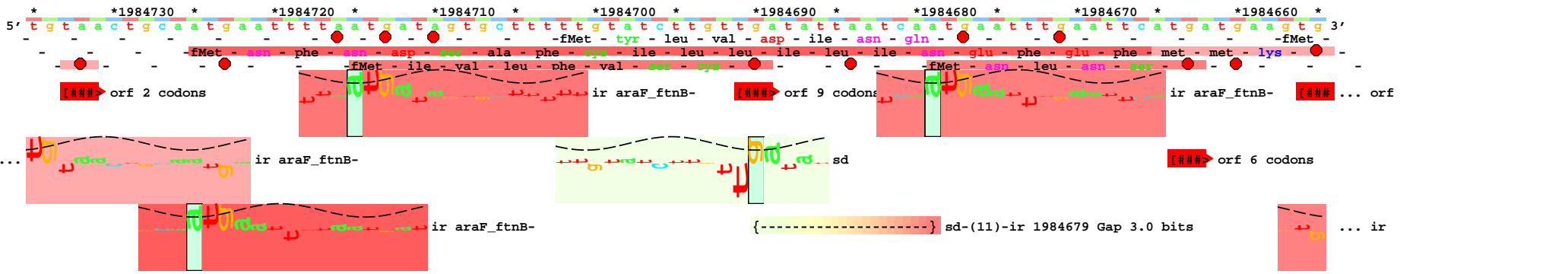
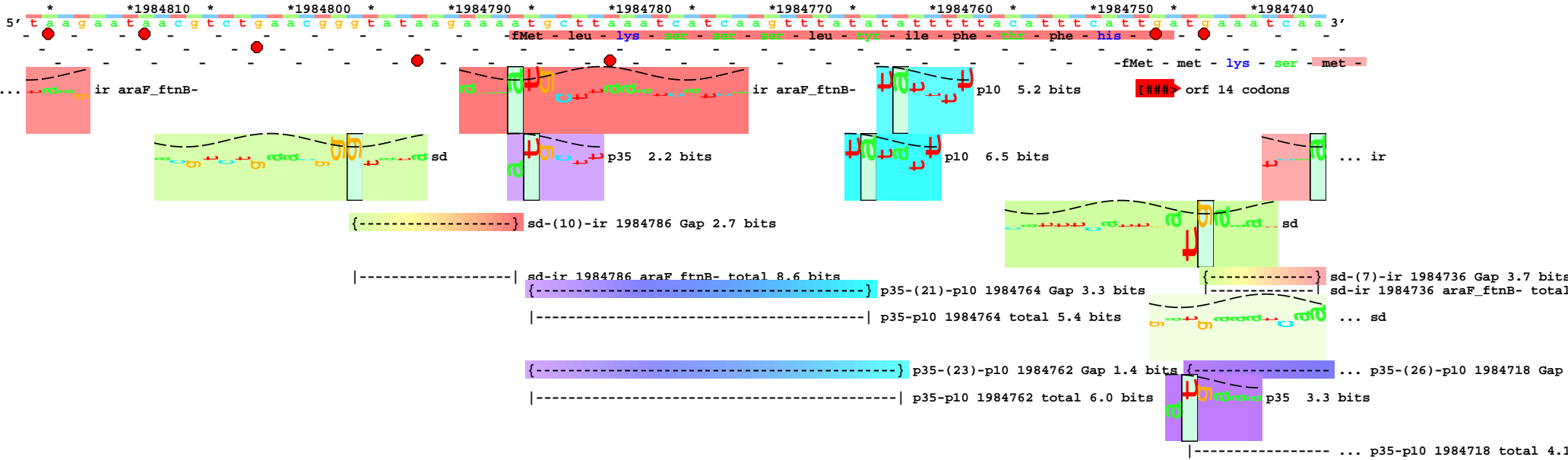
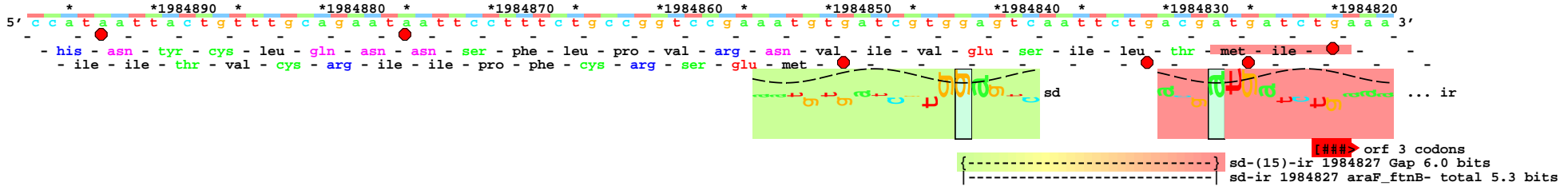
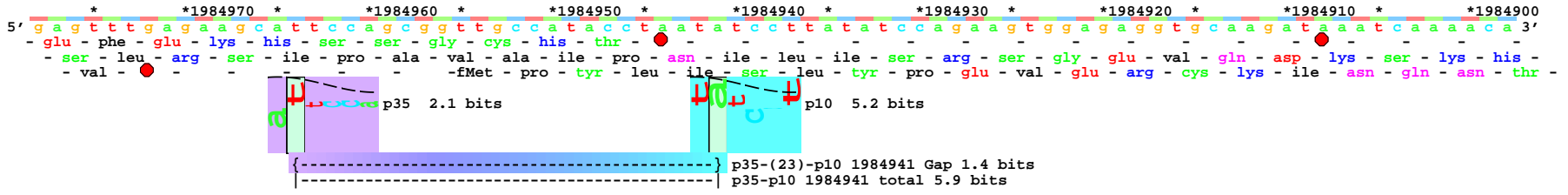
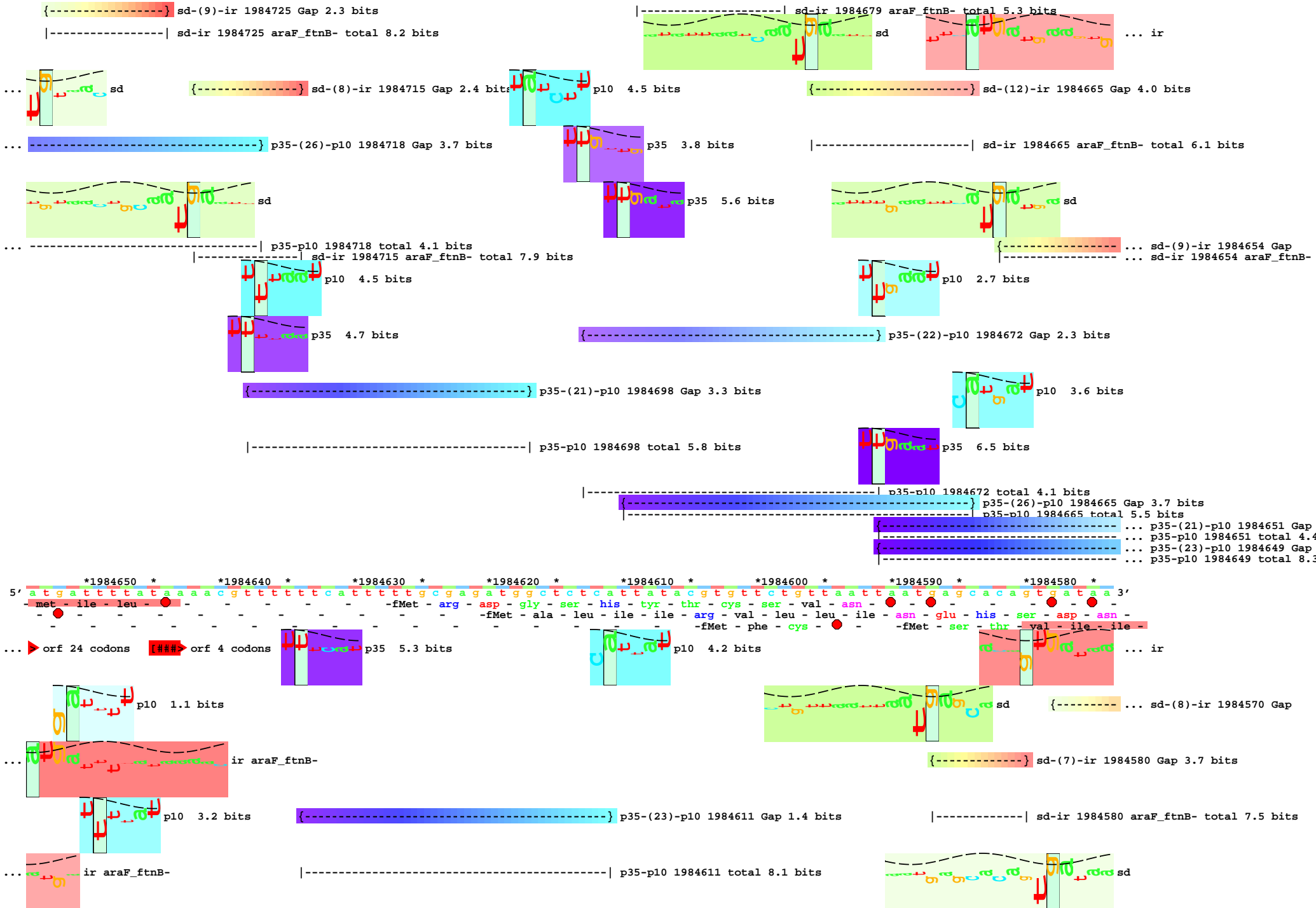
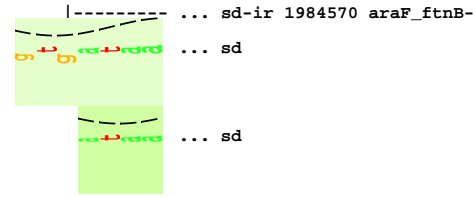


piece 1, NC_000913, araF_ftnB-, config: linear, direction: -, begin: 1984978, end: 1984133

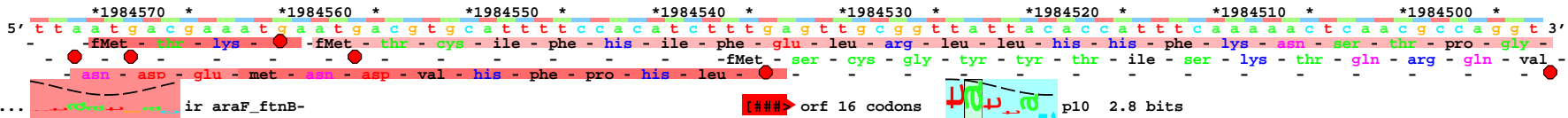






... } sd-(9)-ir 1984654 Gap 2.3 bits
 ... | sd-ir 1984654 araF_ftnB- total 8.2 bits

... -----} p35-(21)-p10 1984651 Gap 3.3 bits
 ... -----} p35-p10 1984651 total 4.4 bits
 ... -----} p35-(23)-p10 1984649 Gap 1.4 bits
 ... -----} p35-p10 1984649 total 8.3 bits



... -----} sd-(8)-ir 1984570 Gap 2.4 bits



###> orf 4 codons |-----| p35-p10 1984523 total 6.5 bits

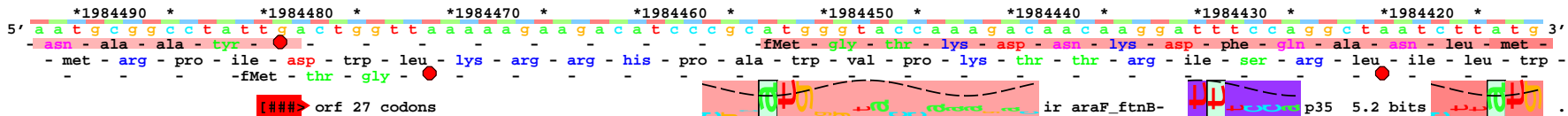


... -----| sd-ir 1984570 araF_ftnB- total 6.7 bits

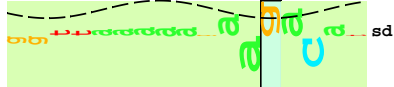
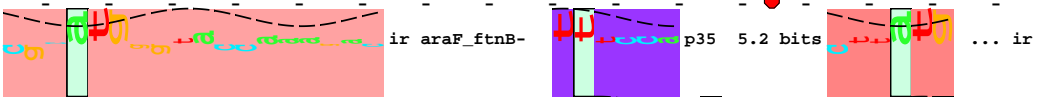


... -----| sd

-----} sd-(6)-ir 1984562 Gap 4.3 bits
 -----} sd-ir 1984562 araF_ftnB- total 6.4 bits
 -----} sd-(7)-ir 1984558 Gap 3.7 bits
 -----} sd-ir 1984558 araF_ftnB- total 5.0 bits



###> orf 27 codons



sd-(10)-ir 1984453 Gap 2.7 bits
sd-ir 1984453 araF_ftnB- total 6.2 bits

sd-(9)-ir 1984414 Gap 2.3 bits
sd-ir 1984414 araF_ftnB- total 8.5 bits

... sd

... p35-(22)-p10 1984407 Gap
... p35-p10 1984407 total 8.0
... p35-(22)-p10 1984390 Gap
... p35-p10 1984390 total 4.1

5' *1984410 * *1984400 * *1984390 * *1984380 * *1984370 * *1984360 * *1984350 * *1984340 *
 g a t t a a t c t g c t g t g c a t t c g a c a a t t t g t c t g a c a a a t t g g c t t t a t g t c t t t t c c c g c t a a a t t t a t g c a c g t t 3'
 asp -fMet -his -ser -thr -ile -cys -leu -thr -asn -trp -leu -ser -leu -met -ser -phe -pro -ala -lys -phe -met -his -val -
 -ile -asn -leu -leu -cys -ile -arg -gln -phe -val -fMet -ser -asp -lys -leu -ala -phe -pro -tyr -val -phe -ser -arg -
 ... ir araF_ftnB- p10 2.9 bits p35 3.8 bits p10 5.7 bits

... p35 3.6 bits

... p35-(22)-p10 1984345 Gap 2.3 bits

... p35-p10 1984345 total 7.1 bits

[###] orf 16 codons

... sd

... p35-(22)-p10 1984407 Gap 2.3 bits

... p35-p10 1984407 total 8.0 bits

... p35-(22)-p10 1984390 Gap 2.3 bits

... p35-p10 1984390 total 4.1 bits

... sd-(12)-ir 1984399 Gap 4.0 bits
sd-ir 1984399 araF_ftnB- total 5.7 bits

p10 5.2 bits

*1984330 * *1984320 * *1984310 * *1984300 * *1984290 * *1984280 * *1984270 * *1984260 * *1984250
 c t c a c t g t a a t t c t g c g a t g t g a t a t t g c t c t c c t a t g g a g a a t t a a t t t c t c g c t a a a a c t a t g t c a a c a c a g t c a c t t a 3'
 -leu -thr -val -ile -leu -arg -cys -asp -ile -ala -leu -leu -trp -arg -ile -asn -phe -ser -leu -lys -leu -cys -gln -his -ser -his -leu -
 -fMet -fMet -ile -leu -leu -ser -tyr -gly -glu -leu -ile -ser -arg -fMet -ser -thr -gln -ser -leu -ile -

*1984240 * *1984230 * *1984220 * *1984210 * *1984200 * *1984190 * *1984180 * *1984170
 t c t t t t a g t t a a a a g g t a a t g c t t t t t c c g a t t a a t t t a a c g a a t g t c a t t c g t t t t t g c c c t a c a c a a a a c g a c a c t 3'
 -ser -phe -ser -fMet -leu -cys -phe -pro -ile -asn -leu -thr -asn -val -ile -arg -phe -cys -pro -thr -gln -asn -asp -thr -
 -phe -fMet -phe -ser -asp -fMet -ser -phe -val -phe -ala -leu -his -lys -thr -thr -leu -

[###] orf 54 codons

... sd

*1984160 * *1984150 * *1984140 *
 a a a g c t g g a g a g a a c c a t g c a c a a a t t t a c t a a a g c 3'
 -lys -ala -gly -glu -asn -his -ala -gln -ile -tyr -
 -lys -leu -glu -arg -thr -met -his -lys -phe -thr -lys -

... sd

... NC_000913.araF

