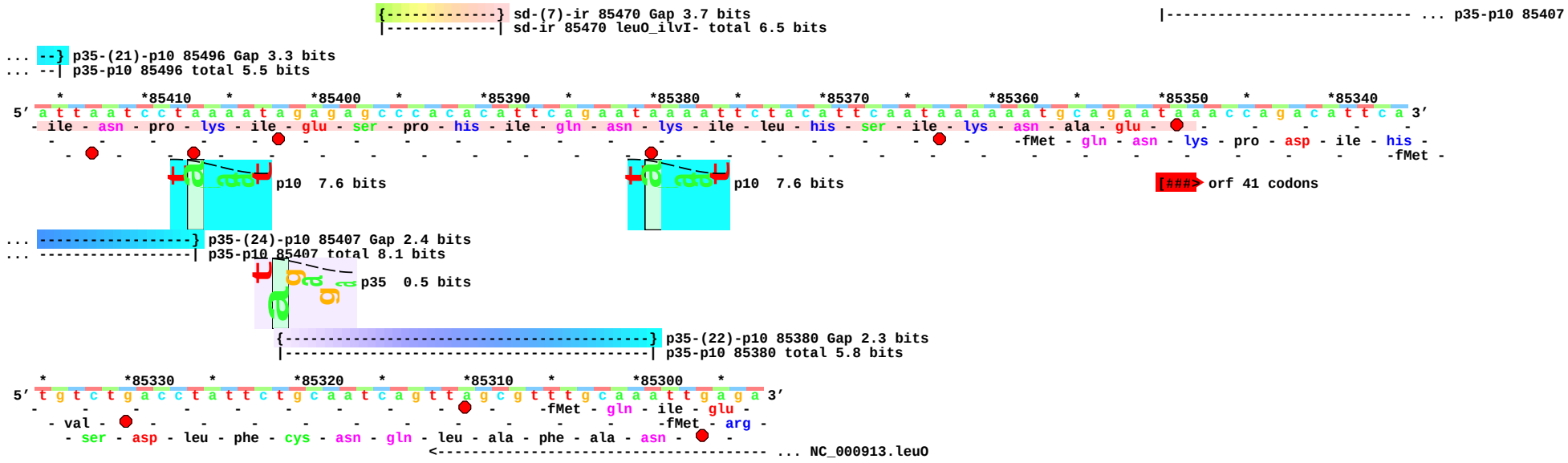
piece 1, NC_000913, leuO_ilvI-, config: linear, direction: -, begin: 85659, end: 85293
*85650 *85640 *85630 *85620 *85610 *85600 *85590 *85580
5′ g a c c a t c t c g g c t c c a g a c a a c a t c t c c a t g g c c t g c c t c a c t g t t g a c g g a a a a a t g t g t a a a a c a c a t t a a c c g t c c 3′
- asp - his - leu - gly - ser - arg - gln - his - leu - his - gly - leu - pro - his - cys - leu - thr - glu - lys - met - cys - lys - thr - his -
- thr - ile - ser - ala - pro - asp - asn - ile - ser - met - ala - cys - leu - thr - val -
- pro - ser - arg - leu - gln - thr - thr - ser - pro - trp - pro - ala - ser - leu - phe - asp - gly - lys - asn - val -
... ----------] NC_000913.ilvI
ir leuO_ilvI-
sd
[###> orf 2 codons
[###> orf 6 codons
p35 4.1 bits
{----------} sd-(6)-ir 85602 Gap 4.3 bits
|----------| sd-ir 85602 leuO_ilvI- total 9.9 bits
ir leuO_ilvI-
{----------} sd-(8)-ir 85600 Gap 2.4 bits
|----------| sd-ir 85600 leuO_ilvI- total 8.8 bits
p10 3.8 bits
p10 2.2 bits
{----------} p35-(24)-p10 85605 Gap 2.4 bits
|----------| p35-p10 85605 total 5.5 bits
p35 5.5 bits
{----------} p35-(22)-p10 85591 Gap 2.3 bits
|----------| p35-p10 85591 total 5.4 bits
*85570 *85560 *85550 *85540 *85530 *85520 *85510 *85500
5′ g a t c t t g c t t a a g c a a t t g g c a g c c a g a g a c a t a a a c a c g g g g t a a t a a g a a t a a a c a g g a g g a a a g g t g a a a a g a a a c g a 3′
-fMet - leu - lys - gln - leu - ala - ala - arg - asp - ile - asn - thr - gly -
-fMet - lys - arg - asn - asp -
... ir
sd
{----------} sd-(8)-ir 85511 Gap 2.4 bits
|----------| sd-ir 85511 leuO_ilvI- total 13.3 bits
p35 1.2 bits
{---------- ... p35-(21)-p10 85496
|---------- ... p35-p10 85496 tota
*85490 *85480 *85470 *85460 *85450 *85440 *85430 *85420
5′ t a a a a t c c t c c a t t a c a g a g g a t t a a a t t g a t a a t a a a t c g g c t g a a t c c c a c a a c t t a c a g c a a t t t c t c t a t t t t t t a 3′
-fMet - ile - ile - asn - arg - leu - asn - pro - thr - thr - tyr - ser - asn - phe - ser - ile - phe - leu -
-lys - ile - leu - his - tyr - arg - gly - leu - asn -
...ir leuO_ilvI-
sd
[###> orf 15 codons
p35 2.9 bits
p10 7.6 bits
ir leuO_ilvI-
{---------- ... p35-(24)-p10 85407


{-------------} sd-(7)-ir 85470 Gap 3.7 bits
|-------------| sd-ir 85470 leuO_ilvI- total 6.5 bits
|---------- ... p35-p10 85407
... --} p35-(21)-p10 85496 Gap 3.3 bits
... --| p35-p10 85496 total 5.5 bits
*85410 *85400 *85390 *85380 *85370 *85360 *85350 *85340
5' a t t a a t c c t a a a a t a g a g a g c c c a c a c a t t c a g a a t a a a a t t c t a c a t t c a a t a a a a a a t g c a g a a t a a a c c a g a c a t t c a 3'
- ile - asn - pro - lys - ile - glu - ser - pro - his - ile - gln - asn - lys - ile - leu - his - ser - ile - lys - asn - ala - glu -
-fMet - gln - asn - lys - pro - asp - ile - his -
-fMet -
p10 7.6 bits
p10 7.6 bits
[###> orf 41 codons
... ----------} p35-(24)-p10 85407 Gap 2.4 bits
... ----------| p35-p10 85407 total 8.1 bits
p35 0.5 bits
{----------} p35-(22)-p10 85380 Gap 2.3 bits
|----------| p35-p10 85380 total 5.8 bits
*85330 *85320 *85310 *85300
5' t g t c t g a c c t a t t c t g c a a t c a g t t a g c g t t t g c a a a t t g a g a 3'
-fMet - gln - ile - glu -
- val -
-fMet - arg -
- ser - asp - leu - phe - cys - asn - gln - leu - ala - phe - ala - asn -
<---------- ... NC_000913.leuO