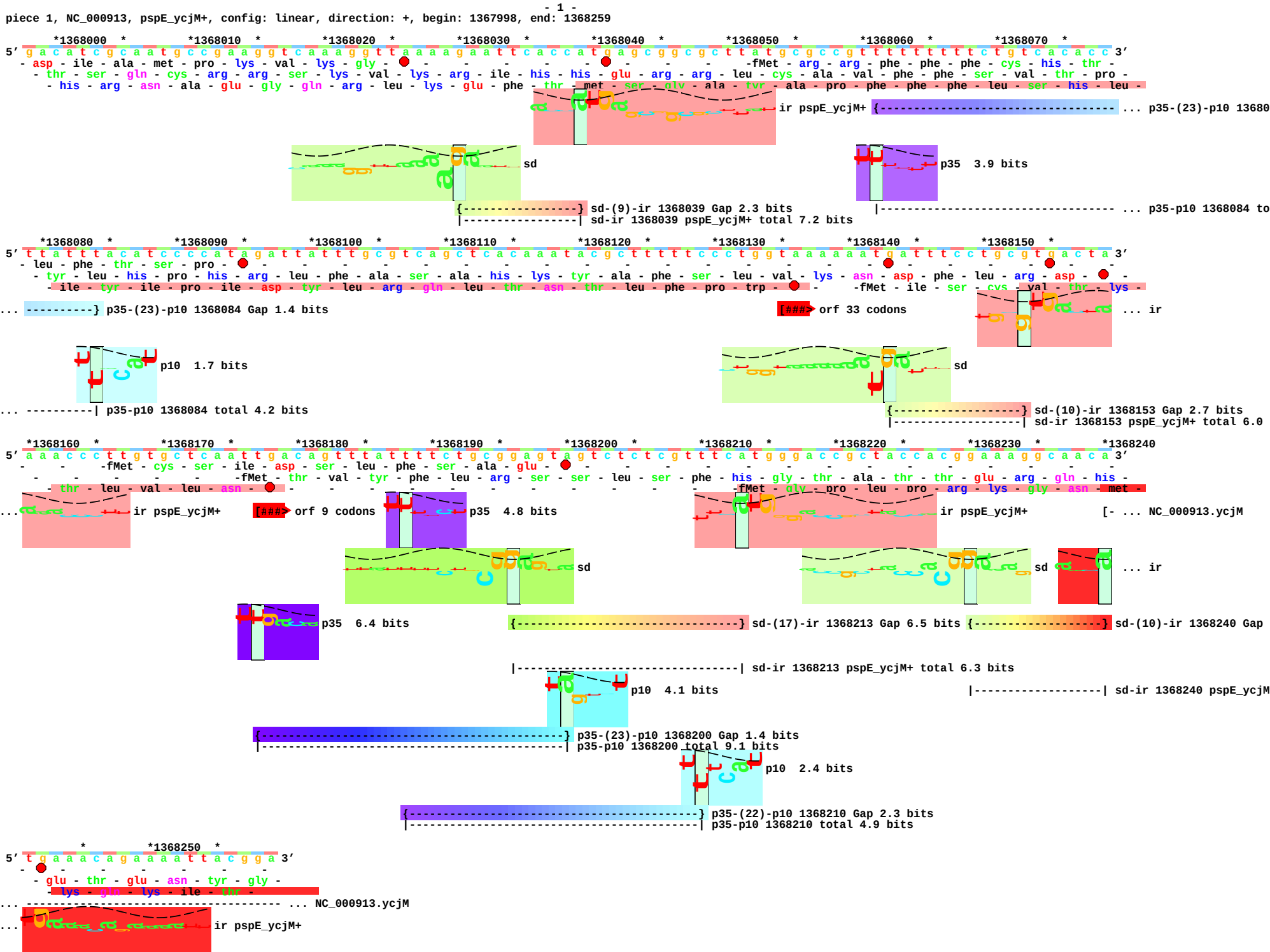
piece 1, NC_000913, pspE_ycjM+, config: linear, direction: +, begin: 1367998, end: 1368259
*1368000 *1368010 *1368020 *1368030 *1368040 *1368050 *1368060 *1368070 *
5′ g a c a t c g c a a t g c c g a a g g t c a a a g g t t a a a g a a t t c a c c a t g a g c g g c g c t t a t g c g c c g t t t t t t t t t c t g t c a c a c c 3′
- asp - ile - ala - met - pro - lys - val - lys - gly - -fMet - arg - arg - phe - phe - phe - cys - his - thr -
- thr - ser - gln - cys - arg - arg - ser - lys - val - lys - arg - ile - his - his - glu - arg - arg - leu - cys - ala - val - phe - phe - ser - val - thr - pro -
- his - arg - asn - ala - glu - gly - gln - arg - leu - lys - glu - phe - thr - met - ser - gly - ala - tyr - ala - pro - phe - phe - phe - leu - ser - his - leu -
ir pspE_ycjM+ {--------------------------------- ... p35-(23)-p10 13680
sd
p35 3.9 bits
{----------------} sd-(9)-ir 1368039 Gap 2.3 bits
|----------------| sd-ir 1368039 pspE_ycjM+ total 7.2 bits
|--------------------------------- ... p35-p10 1368084 to
*1368080 *1368090 *1368100 *1368110 *1368120 *1368130 *1368140 *1368150 *
5′ t t a t t t a c a t c c c c a t a g a t t a t t t g c g t c a g c t c a c a a a t a c g c t t t t t c c c t g g t a a a a a a t g a t t t c c t g c g t g a c t a 3′
- leu - phe - thr - ser - pro -
- tyr - leu - his - pro - his - arg - leu - phe - ala - ser - ala - his - lys - tyr - ala - phe - ser - leu - val - lys - asn - asp - phe - leu - arg - asp -
- ile - tyr - ile - pro - ile - asp - tyr - leu - arg - gln - leu - thr - asn - thr - leu - phe - pro - trp - -fMet - ile - ser - cys - val - thr - lys -
... ----------} p35-(23)-p10 1368084 Gap 1.4 bits
[###> orf 33 codons
... ir
p10 1.7 bits
sd
... ----------| p35-p10 1368084 total 4.2 bits
{------------------} sd-(10)-ir 1368153 Gap 2.7 bits
|------------------| sd-ir 1368153 pspE_ycjM+ total 6.0
*1368160 *1368170 *1368180 *1368190 *1368200 *1368210 *1368220 *1368230 *1368240
5′ a a a c c c t t g t g c t c a a t t g a c a g t t t a t t t t c t g c g g a g t a g t c t c t c g t t t c a t g g g a c c g c t a c c a c g g a a a g g c a a c a 3′
-fMet - cys - ser - ile - asp - ser - leu - phe - ser - ala - glu -
-fMet - thr - val - tyr - phe - leu - arg - ser - ser - leu - ser - phe - his - gly - thr - ala - thr - thr - glu - arg - gln - his -
- thr - leu - val - leu - asn -
-fMet - gly - pro - leu - pro - arg - lys - gly - asn - met -
...
ir pspE_ycjM+
[###> orf 9 codons
p35 4.8 bits
ir pspE_ycjM+
[- ... NC_000913.ycjM
sd
sd
... ir
p35 6.4 bits
{--------------------------------} sd-(17)-ir 1368213 Gap 6.5 bits
{------------------} sd-(10)-ir 1368240 Gap
|--------------------------------| sd-ir 1368213 pspE_ycjM+ total 6.3 bits
p10 4.1 bits
|------------------| sd-ir 1368240 pspE_ycjM
{--} p35-(23)-p10 1368200 Gap 1.4 bits
|--| p35-p10 1368200 total 9.1 bits
p10 2.4 bits
{--} p35-(22)-p10 1368210 Gap 2.3 bits
|--| p35-p10 1368210 total 4.9 bits
* *1368250 *
5′ t g a a a c a g a a a a t t a c g g a 3′
- glu - thr - glu - asn - tyr - gly -
- lys - gln - lys - ile - thr -
... ---------- ... NC_000913.ycjM
... ir pspE_ycjM+