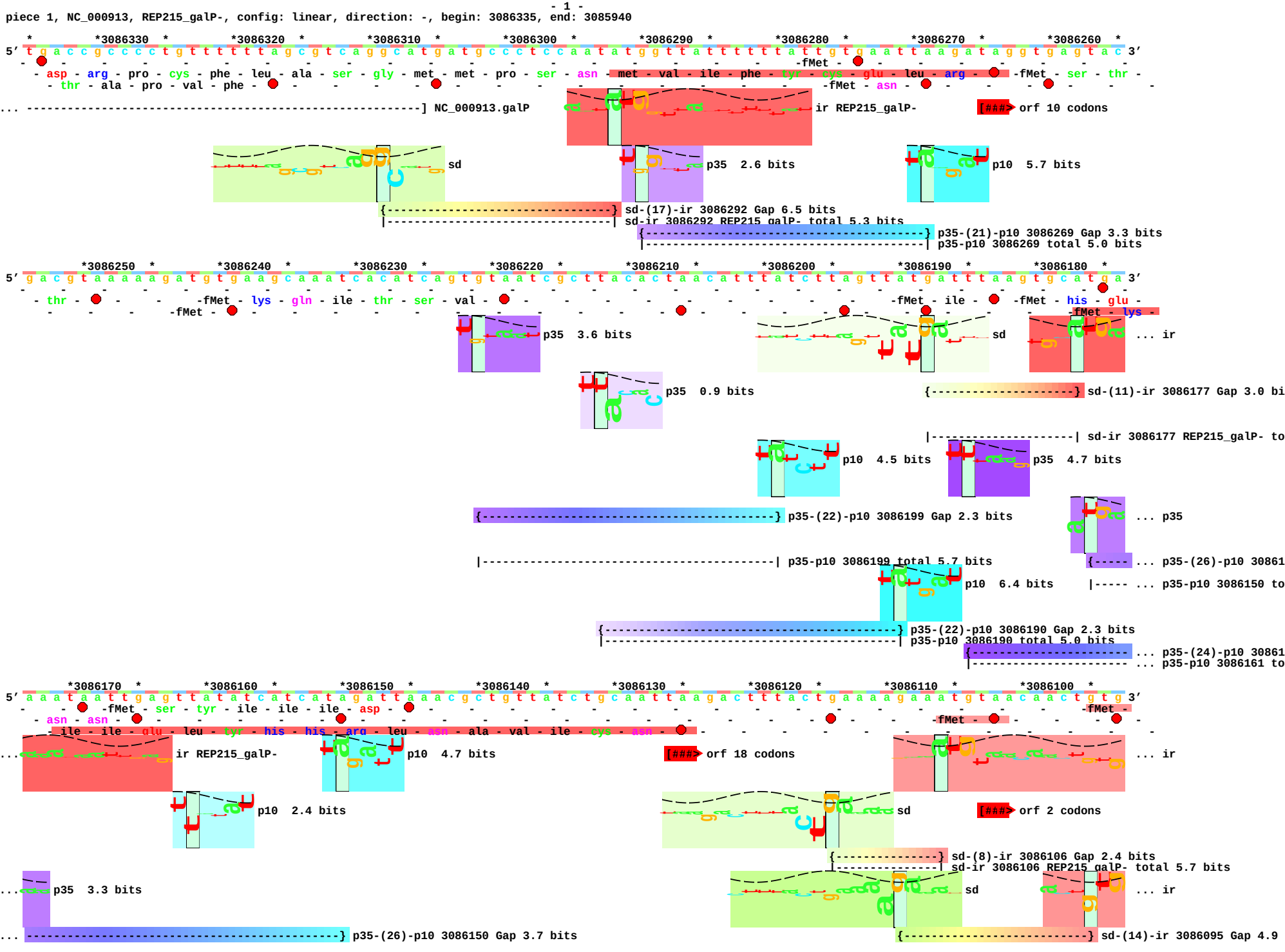
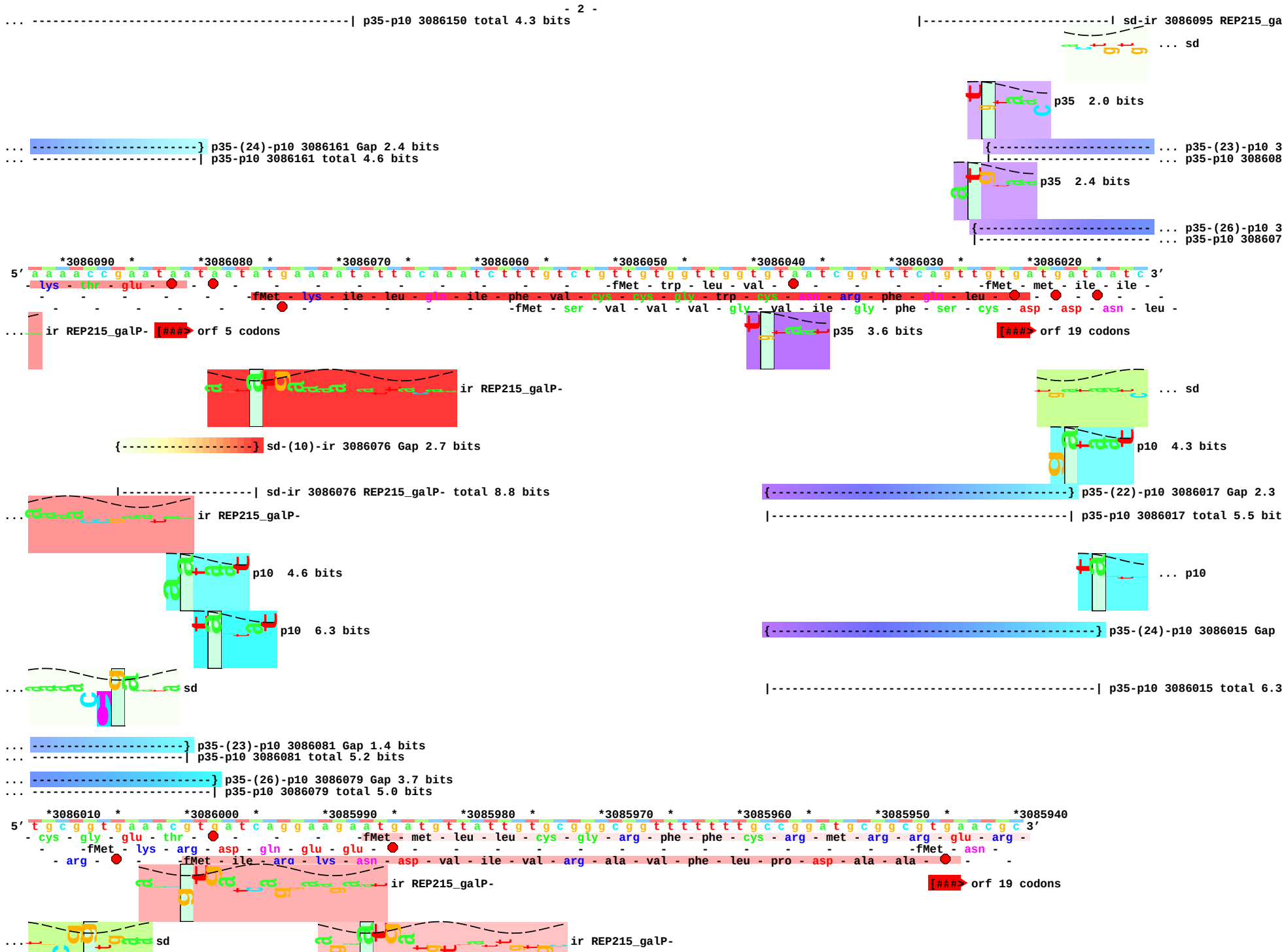
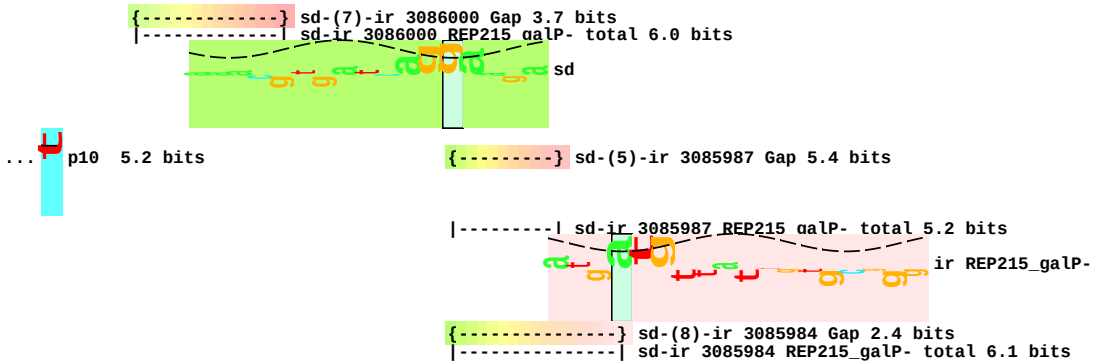

piece 1, NC_000913, REP215_galP-, config: linear, direction: -, begin: 3086335, end: 3085940
*3086330 *3086320 *3086310 *3086300 *3086290 *3086280 *3086270 *3086260 *
5′ t g a c c g c c c c t g t t t t t t a g c g t c a g g c a t g a t g c c c t c c a a t a t g g t t a t t t t t t a t t g t g a a t t a a g a t a g g t g a g t a c 3′
- asp - arg - pro - cys - phe - leu - ala - ser - gly - met - met - pro - ser - asn - met - val - ile - phe - tyr - cys - glu - leu - arg - fMet - ser - thr -
- thr - ala - pro - val - phe - fMet - asn -
...] NC_000913.galP
ir REP215_galP-
[###> orf 10 codons
sd
p35 2.6 bits
p10 5.7 bits
{} sd-(17)-ir 3086292 Gap 6.5 bits
| sd-ir 3086292 REP215_galP- total 5.3 bits
{} p35-(21)-p10 3086269 Gap 3.3 bits
| p35-p10 3086269 total 5.0 bits
*3086250 *3086240 *3086230 *3086220 *3086210 *3086200 *3086190 *3086180 *
5′ g a c g t a a a a a g a t g t g a a g c a a a t c a c a t c a g t g t a a t c g c t t a c a c t a a c a t t t a t c t t a g t t a t g a t t t a a g t g c a t g a 3′
- thr - fMet - lys - gln - ile - thr - ser - val - fMet - ile - fMet - his - glu - fMet - lys -
p35 3.6 bits
sd
... ir
p35 0.9 bits
{} sd-(11)-ir 3086177 Gap 3.0 bi
| sd-ir 3086177 REP215_galP- to
p10 4.5 bits
p35 4.7 bits
{} p35-(22)-p10 3086199 Gap 2.3 bits
... p35
| p35-p10 3086199 total 5.7 bits
{----- ... p35-(26)-p10 30861
p10 6.4 bits
|----- ... p35-p10 3086150 to
{} p35-(22)-p10 3086190 Gap 2.3 bits
| p35-p10 3086190 total 5.0 bits
{ ... p35-(24)-p10 30861
| ... p35-p10 3086161 to
*3086170 *3086160 *3086150 *3086140 *3086130 *3086120 *3086110 *3086100 *
5′ a a a t a a t t g a g t t a t a t c a t c a t a g a t t a a a c g c t g t t a t c t g c a a t t a a g a c t t t a c t g a a a a g a a a t g t a a c a a c t g t g 3′
- fMet - ser - tyr - ile - ile - ile - asp - fMet -
- asn - asn - fMet -
- ile - ile - glu - leu - tyr - his - his - arg - leu - asn - ala - val - ile - cys - asn -
... ir REP215_galP-
p10 4.7 bits
[###> orf 18 codons
... ir
p10 2.4 bits
sd
[###> orf 2 codons
{} sd-(8)-ir 3086106 Gap 2.4 bits
| sd-ir 3086106 REP215_galP- total 5.7 bits
... p35 3.3 bits
sd
... ir
... } p35-(26)-p10 3086150 Gap 3.7 bits
{} sd-(14)-ir 3086095 Gap 4.9


... ----------| p35-p10 3086150 total 4.3 bits
|----------| sd-ir 3086095 REP215_ga
... sd
p35 2.0 bits
... ----------} p35-(24)-p10 3086161 Gap 2.4 bits
... ----------| p35-p10 3086161 total 4.6 bits
{---------- ... p35-(23)-p10 3
---------- ... p35-p10 308608
p35 2.4 bits
{---------- ... p35-(26)-p10 3
---------- ... p35-p10 308607
*3086090 *3086080 *3086070 *3086060 *3086050 *3086040 *3086030 *3086020
5′ a a a a c c g a a t a a t a a t a t g a a a a t a t t a c a a a t c t t t g t c t g t t g t g g t t g g t g t a a t c g g t t t c a g t t g t g a t g a t a a t c 3′
- lys - thr - glu - -fMet - trp - leu - val - -fMet - met - ile - ile -
-fMet - lys - ile - leu - gln - ile - phe - val - cys - cys - gly - trp - cys - asn - arg - phe - glu - leu -
-fMet - ser - val - val - val - gly - val - ile - gly - phe - ser - cys - asp - asp - asn - leu -
... ir REP215_galP- [###> orf 5 codons
p35 3.6 bits
[###> orf 19 codons
ir REP215_galP-
... sd
{----------} sd-(10)-ir 3086076 Gap 2.7 bits
p10 4.3 bits
|----------| sd-ir 3086076 REP215_galP- total 8.8 bits
{---------- p35-(22)-p10 3086017 Gap 2.3
... ir REP215_galP-
|---------- p35-p10 3086017 total 5.5 bit
p10 4.6 bits
... p10
p10 6.3 bits
{---------- p35-(24)-p10 3086015 Gap
... sd
|---------- p35-p10 3086015 total 6.3
... ----------} p35-(23)-p10 3086081 Gap 1.4 bits
... ----------| p35-p10 3086081 total 5.2 bits
... ----------} p35-(26)-p10 3086079 Gap 3.7 bits
... ----------| p35-p10 3086079 total 5.0 bits
*3086010 *3086000 *3085990 *3085980 *3085970 *3085960 *3085950 *3085940
5′ t g c g g t g a a a c g t g a t c a g g a a g a a t g a t g t t a t t g t g c g g g c g g t t t t t t t g c c g g a t g c g g c g t g a a c g c 3′
- cys - gly - glu - thr - -fMet - met - leu - leu - cys - gly - arg - phe - phe - cys - arg - met - arg - arg - glu - arg -
-fMet - lys - arg - asp - gln - glu - glu - -fMet - asn -
- arg - -fMet - ile - arg - lys - asn - asp - val - ile - val - arg - ala - val - phe - leu - pro - asp - ala - ala -
ir REP215_galP-
[###> orf 19 codons
... sd
ir REP215_galP-


{----------} sd-(7)-ir 3086000 Gap 3.7 bits
|----------| sd-ir 3086000 REP215 galP- total 6.0 bits
sd
... p10 5.2 bits
{---------} sd-(5)-ir 3085987 Gap 5.4 bits
|---------| sd-ir 3085987 REP215 galP- total 5.2 bits
ir REP215_galP-
{---------} sd-(8)-ir 3085984 Gap 2.4 bits
|---------| sd-ir 3085984 REP215_galP- total 6.1 bits