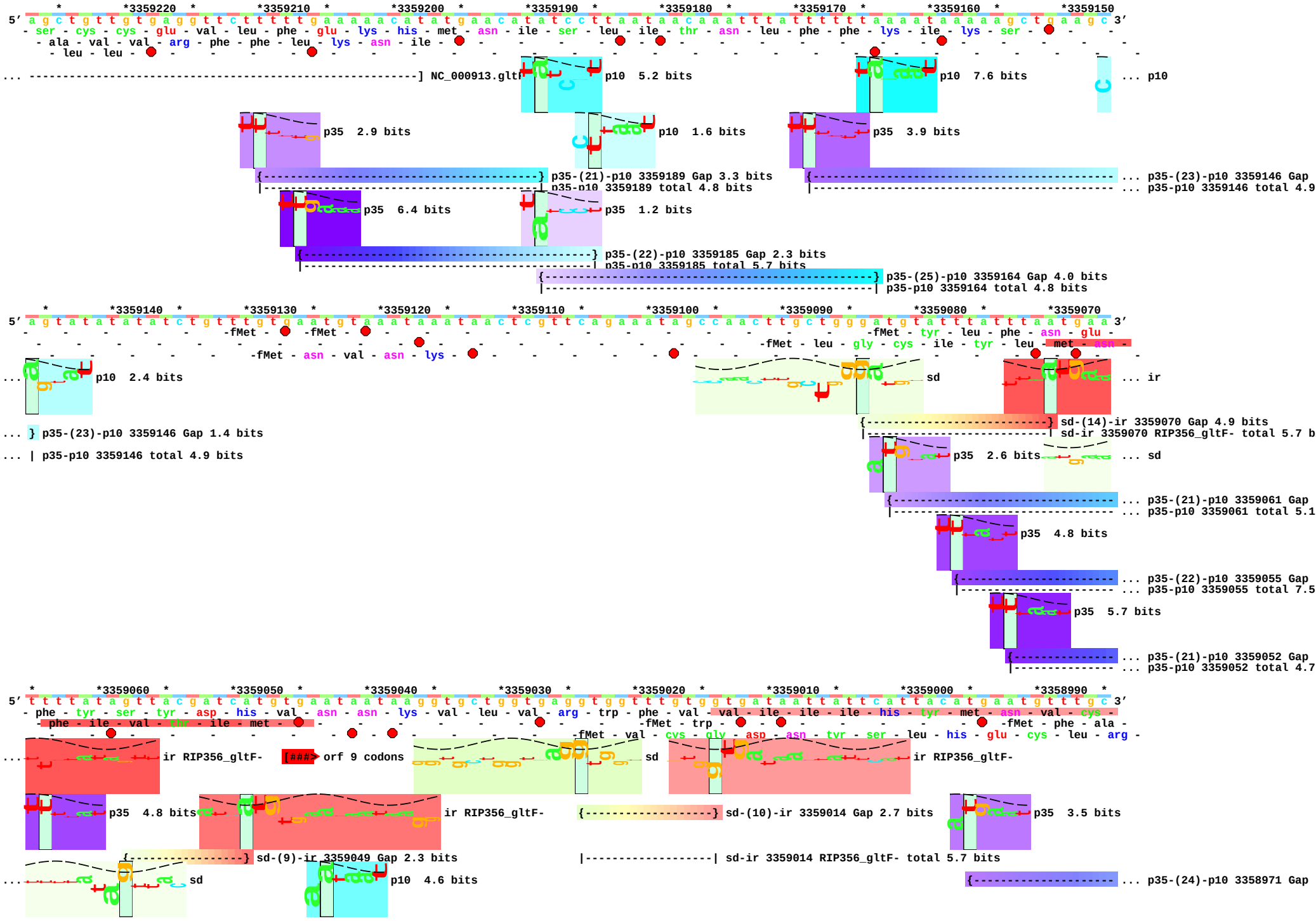
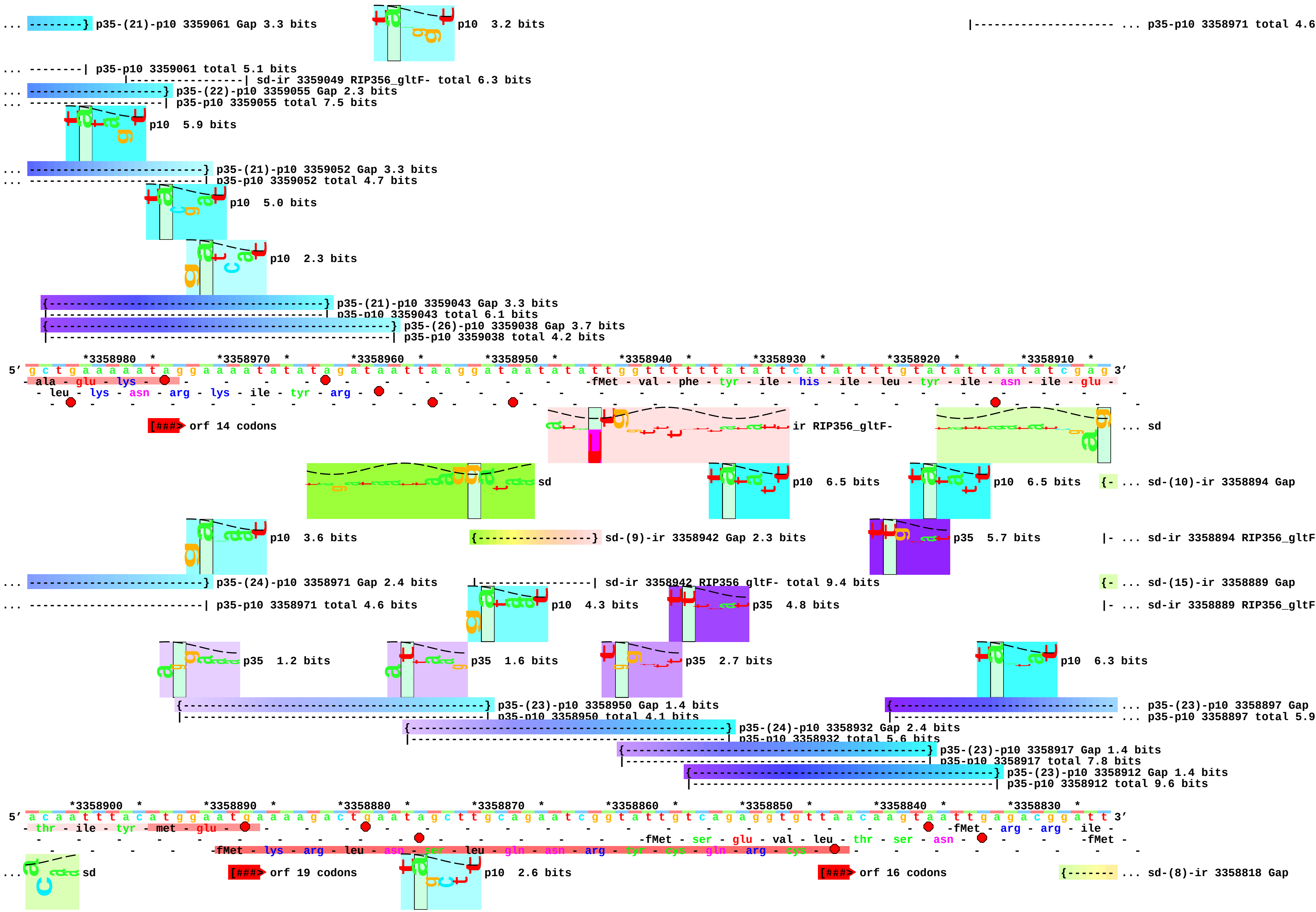
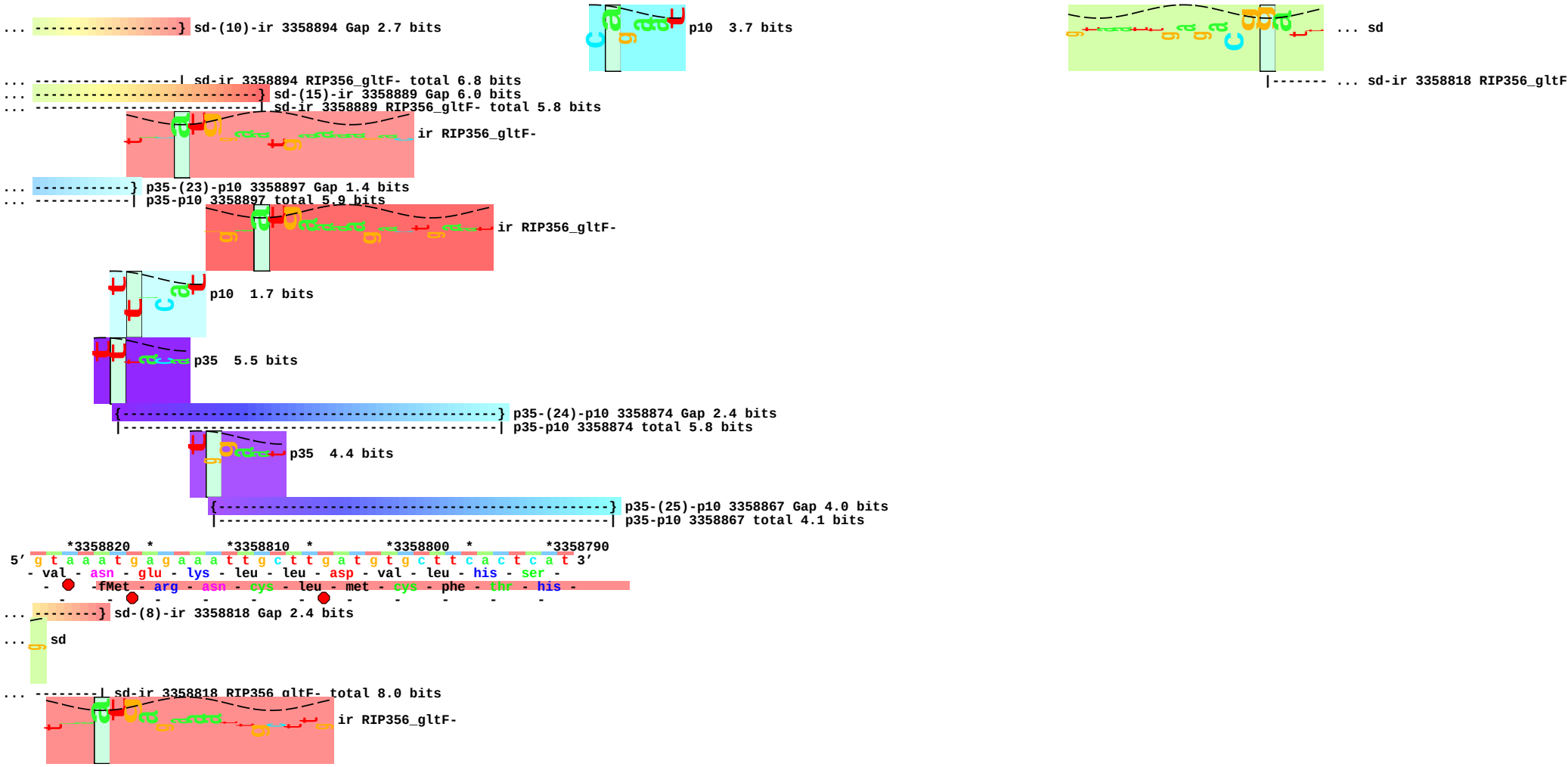
piece 1, NC_000913, RIP356_gltF-, config: linear, direction: -, begin: 3359227, end: 3358789




... --------} p35-(21)-p10 3359061 Gap 3.3 bits
p10 3.2 bits
|-------------------- ... p35-p10 3358971 total 4.6
... --------| p35-p10 3359061 total 5.1 bits
|-----------------| sd-ir 3359049 RIP356_gltF- total 6.3 bits
... -------------------} p35-(22)-p10 3359055 Gap 2.3 bits
... --------------------| p35-p10 3359055 total 7.5 bits
p10 5.9 bits
... --------------------------} p35-(21)-p10 3359052 Gap 3.3 bits
... --------------------------| p35-p10 3359052 total 4.7 bits
p10 5.0 bits
p10 2.3 bits
{--} p35-(21)-p10 3359043 Gap 3.3 bits
|--| p35-p10 3359043 total 6.1 bits
{---} p35-(26)-p10 3359038 Gap 3.7 bits
|---| p35-p10 3359038 total 4.2 bits
*3358980 * *3358970 * *3358960 * *3358950 * *3358940 * *3358930 * *3358920 * *3358910 *
5' g c t g a a a a a a t a g g a a a a t a t a t a g a t a a t t a a g g a t a a t a t a t t g g t t t t t t a t a t t c a t a t t t t g t a t a t t a a t a t c g a g 3'
- ala - glu - lys - -fMet - val - phe - tyr - ile - his - ile - leu - tyr - ile - asn - ile - glu -
- leu - lys - asn - arg - lys - ile - tyr - arg -
[###> orf 14 codons
ir RIP356_gltF-
... sd
sd
p10 6.5 bits
p10 6.5 bits
{- ... sd-(10)-ir 3358894 Gap
p10 3.6 bits
{----------------} sd-(9)-ir 3358942 Gap 2.3 bits
p35 5.7 bits
|- ... sd-ir 3358894 RIP356_gltF
... -------------------------} p35-(24)-p10 3358971 Gap 2.4 bits
|-----------------| sd-ir 3358942 RIP356_gltF- total 9.4 bits
{- ... sd-(15)-ir 3358889 Gap
... -------------------------| p35-p10 3358971 total 4.6 bits
p10 4.3 bits
p35 4.8 bits
|- ... sd-ir 3358889 RIP356_gltF
p35 1.2 bits
p35 1.6 bits
p35 2.7 bits
p10 6.3 bits
{---} p35-(23)-p10 3358950 Gap 1.4 bits
|---| p35-p10 3358950 total 4.1 bits
{------------------------------- ... p35-(23)-p10 3358897 Gap
--------------------------------- ... p35-p10 3358897 total 5.9
{---} p35-(24)-p10 3358932 Gap 2.4 bits
|---| p35-p10 3358932 total 5.6 bits
{---} p35-(23)-p10 3358917 Gap 1.4 bits
|---| p35-p10 3358917 total 7.8 bits
{---} p35-(23)-p10 3358912 Gap 1.4 bits
|---| p35-p10 3358912 total 9.6 bits
*3358900 * *3358890 * *3358880 * *3358870 * *3358860 * *3358850 * *3358840 * *3358830 *
5' a c a a t t t t a c a t g g a a t g a a a a g a c t g a a t a g c t t g c a g a a t c g g t a t t g t c a g a g g t g t t a a c a a g t a a t t g a g a c g g a t t 3'
- thr - ile - tyr - met - glu - -fMet - arg - arg - ile -
-fMet - ser - glu - val - leu - thr - ser - asn - -fMet -
-fMet - lys - arg - leu - asn - ser - leu - gln - asn - arg - tyr - cys - gln - arg - cys -
... sd
[###> orf 19 codons
p10 2.6 bits
[###> orf 16 codons
{------- ... sd-(8)-ir 3358818 Gap


... ------------------} sd-(10)-ir 3358894 Gap 2.7 bits
p10 3.7 bits
... sd
... ------------------| sd-ir 3358894 RIP356_gltF- total 6.8 bits
|------- ... sd-ir 3358818 RIP356_gltF
... ----------------------------} sd-(15)-ir 3358889 Gap 6.0 bits
... --------------------------| sd-ir 3358889 RIP356_gltF- total 5.8 bits
ir RIP356_gltF-
... ------------} p35-(23)-p10 3358897 Gap 1.4 bits
... ------------| p35-p10 3358897 total 5.9 bits
ir RIP356_gltF-
p10 1.7 bits
p35 5.5 bits
{---} p35-(24)-p10 3358874 Gap 2.4 bits
|---| p35-p10 3358874 total 5.8 bits
p35 4.4 bits
{---} p35-(25)-p10 3358867 Gap 4.0 bits
|---| p35-p10 3358867 total 4.1 bits
*3358820 * *3358810 * *3358800 * *3358790
5' g t a a a t g a g a a a t t g c t t g a t g t g c t t c a c t c a t 3'
- val - asn - glu - lys - leu - leu - asp - val - leu - his - ser -
- fMet - arg - asn - cys - leu - met - cys - phe - thr - his -
... --------} sd-(8)-ir 3358818 Gap 2.4 bits
... sd
... --------| sd-ir 3358818 RIP356_gltF- total 8.0 bits
ir RIP356_gltF-