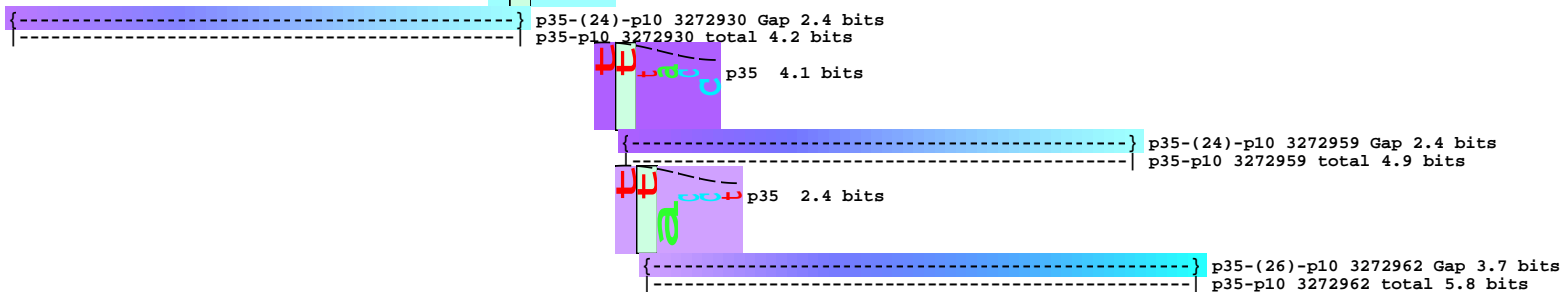
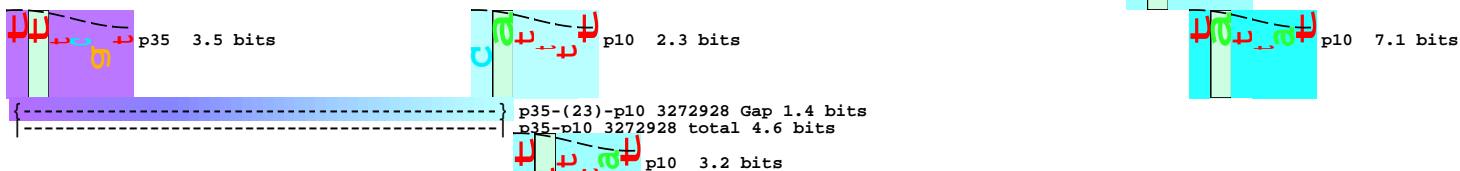
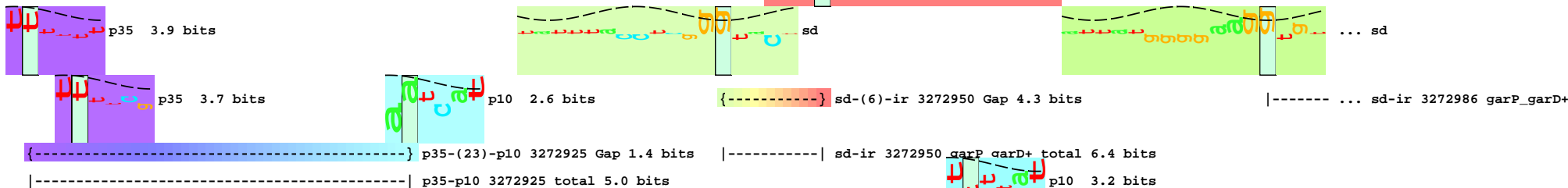


piece 1, NC_000913, garP_garD+, config: linear, direction: +, begin: 3272900, end: 3273323

*3272900 * *3272910 * *3272920 * *3272930 * *3272940 * *3272950 * *3272960 * *3272970 * *3272980
 5' c t t t t t t t c g t c a a c g g t g t c c a g a a t c a t t t t a c c t c g g g t a c t t a t g c t g a t t t t t a t t a t t a t g g g a a g g t g t 3'
 - leu - phe - phe - val - asn - gly - val - gln - asn - his - phe - ile - tyr - leu - gly - tyr - leu - cys -
 - phe - phe - ser - ser - thr - val - ser - arg - ile - ile - leu - phe - thr - ser - gly - thr - tyr - ala - asp - phe - tyr - tyr - tyr - gly - glu - gly - val -
 - phe - phe - arg - gln - arg - cys - pro - glu - ser - phe - tyr - leu - pro - arg - val - leu - met - leu - ile - phe - ile - ile - met - gly - lys - val - leu -

... -----] NC_000913.garP ir garP_garD+ {-----} ... sd-(9)-ir 3272986 Gap



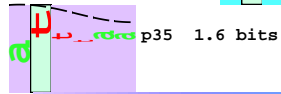
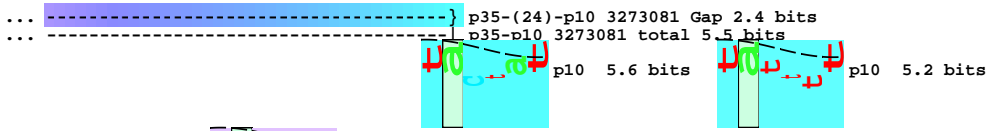
* *3272990 * *3273000 * *3273010 * *3273020 * *3273030 * *3273040 * *3273050 * *3273060
 5' t a t t t a t g a g t t t c a t t t a t g c c g t a a c g a c a a t g a a c t c g g g a a t t a g t a t a a g c a g c g c g a g a a t a a t a a t c a t t g t g c 3'
 - ile - tyr - glu - phe - his - leu - cys - arg - asn - asp - asn - glu - leu - gly - asn -
 - phe - met - ser - phe - ile - tyr - ala - val - thr - thr - met - asu - ser - gly - ile - ser - ile - ser - ser - ala - arg - ile - ile - ile - ile - val - gln -

... -----} sd-(9)-ir 3272986 Gap 2.3 bits p35 2.3 bits

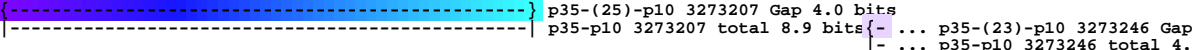
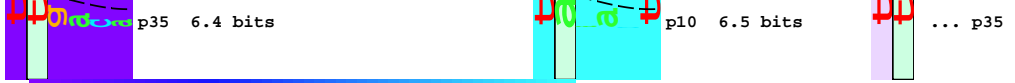


* *3273070 * *3273080 * *3273090 * *3273100 * *3273110 * *3273120 * *3273130 * *3273140
 5' a a a t g c t a a t t t a a t t a a t a c t a t t t a a a t a t t a t t t t g a g c a t a t g c a c a t a a g g t t g c g c g c t a a a g c a c a g a t t t g c g 3'
 - lys - cys -
 - met - leu - ile -
 -fMet - ser - ile - cys - thr -
 -fMet - his - ile - arg - leu - arg - ala - lys - ala - gln - ile - cys - ala -

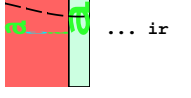
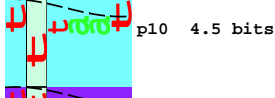
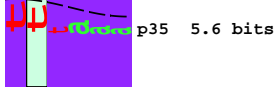
###> orf 42 codons p10 7.1 bits



5' *ctttaccttaaccggggcggcactgcaaatccctgaaatgattgacattgatcaccatttctgctttaaactcctgacattctt* 3'
 - phe - thr - leu - pro - gly - gly - thr - ala - ile - pro - glu - met - ile - asp - ile - asp - his - ile - ser - ala - phe - lys - leu - leu - thr - phe - leu -
 - leu - pro - tyr - arg - ala - ala - leu - gln - ser - leu - lys - fMet - thr - leu - phe - leu - arg - leu - asn - ser -

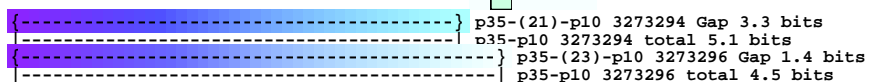
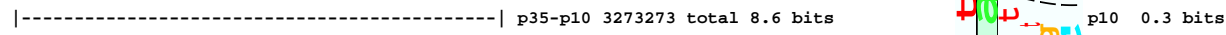
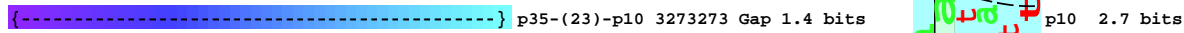


5' *at t t t c a c c c a a t g a a g t c a t t t a t t t t t a a a t g a g a c c a g g t c c t c a t t t t a a t a a c c c c t g g c t g g a g a a t a t t g c a c a a* 3'
 - phe - his - pro - met - lys - ser - phe - ile - phe - fMet - arg - pro - gly - pro - his - phe - asn - asn - pro - trp - leu - glu - asn - ile - ala - gln -
 - fMet - his - asn - fMet -

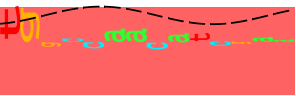


p35-p10 3273246 total 4.8 bits

sd-ir 3273304 garP_garD+ total



5' *tggcccaacatcgaaatcag* 3'
 - trp - pro - thr - ser - lys - ser -
 - gly - gln - his - arg - asn - gln -
 - ala - asn - ile - glu - ile -

...  ir garP_garD+