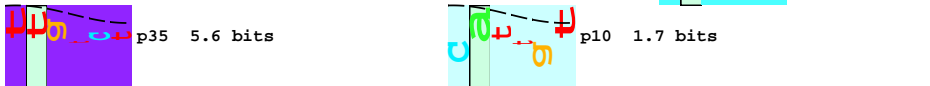


piece 1, NC_000913, garP_garD-, config: linear, direction: -, begin: 3273333, end: 3272910

5' ^{*3273330 *} ^{*3273320 *} ^{*3273310 *} ^{*3273300 *} ^{*3273290 *} ^{*3273280 *} ^{*3273270 *} ^{*3273260 *}
 c g t t t c t t g t c t g a t t t c g a t g t t g g c c a t t g t g c a a t a t t c t c c a g c c a g g g g t t a t t a a a t g a g g a c c t c g g t c t c a t t 3'
 - arg - phe - leu - ser - asp - phe - asp - val - gly - his - cys - ala - ile - phe - ser - ser - gln - gly - leu - leu - lys - - - - -
 - val - ser - cys - leu - ile - ser - met - leu - ala - ile - val - gln - tyr - ser - pro - ala - arg - gly - gly - tyr - - - - -
 - phe - leu - val - - - - - fMet - cys - asn - ile - leu - gln - pro - gly - val - ile - lys - met - arg - thr - trp - ser - his - leu -

NC_000913.garP_garD- p10 6.0 bits p10 7.6 bits

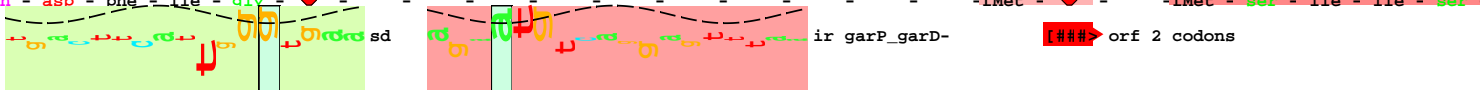


p35-(21)-p10 3273305 Gap 3.3 bits
 p35-p10 3273305 total 4.0 bits



p35-(23)-p10 3273295 Gap 1.4 bits
 p35-p10 3273295 total 7.9 bits
 p35-(21)-p10 3273274 Gap 3.3 bits
 p35-p10 3273274 total 5.0 bits

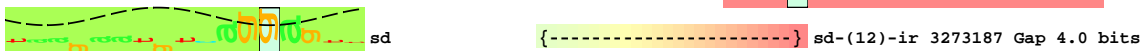
5' ^{*3273250 *} ^{*3273240 *} ^{*3273230 *} ^{*3273220 *} ^{*3273210 *} ^{*3273200 *} ^{*3273190 *} ^{*3273180 *}
 t a a a a a t a a a t g a c t t c a t t g g g t g a a a t a a g a a t g t c a g g a g t t a a a c g c a g a a a t g t g a t c a a t g t c a a t c a t t c a g 3'
 - fMet - thr - ser - leu - gly - glu - ile - arg - met - ser - gly - val - - - - - fMet - ile - asn - val - asn - his - phe - arg -
 - lys - ile - asn - asp - phe - ile - gly - - - - - fMet - - - - - fMet - ser - ile - ile - ser - gly -



orf 5 codons ir garP_garD-

sd-(11)-ir 3273219 Gap 3.0 bits

sd-ir 3273219 garP_garD- total 5.9 bits

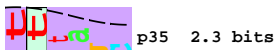


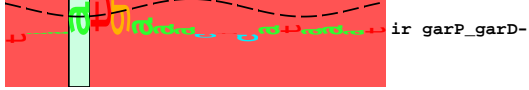
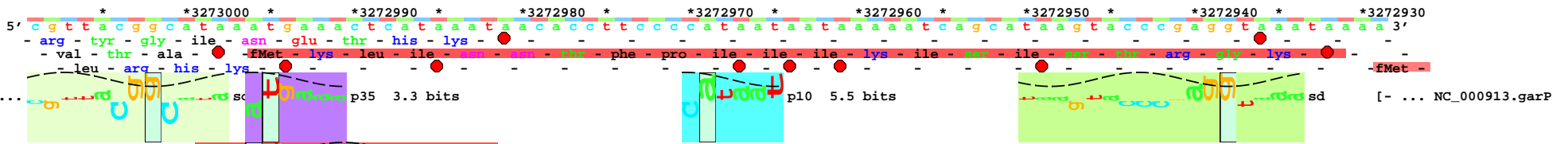
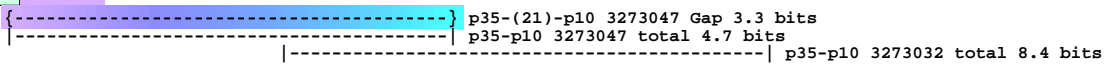
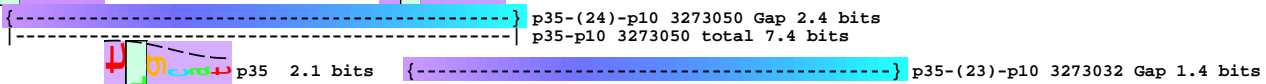
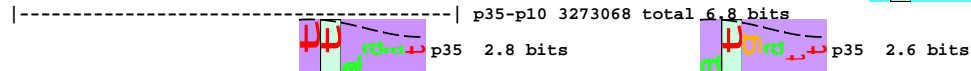
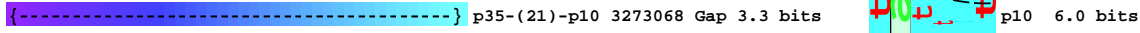
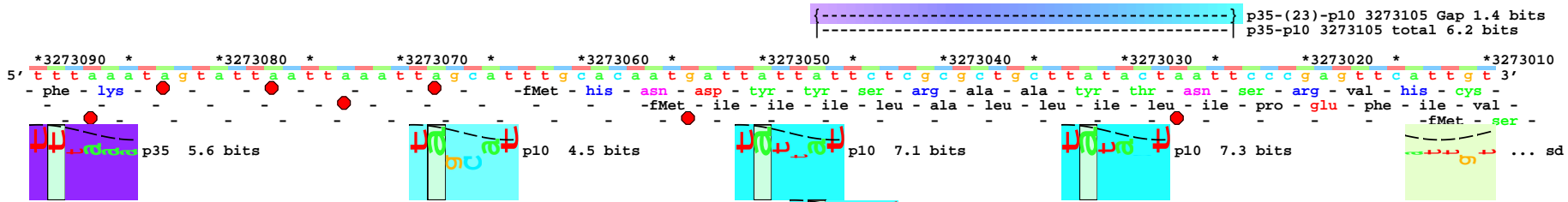
sd-(16)-ir 3273196 Gap 6.4 bits
 sd-ir 3273196 garP_garD- total 6.4 bits
 sd-(18)-ir 3273194 Gap 6.9 bits
 sd-ir 3273194 garP_garD- total 8.0 bits

sd-ir 3273187 garP_garD- total 5.4 bits

5' ^{*3273170 *} ^{*3273160 *} ^{*3273150 *} ^{*3273140 *} ^{*3273130 *} ^{*3273120 *} ^{*3273110 *} ^{*3273100 *}
 g g a t t g c a g t g c c g c c c g g t a a g g t a a a g c g c a a a t c t g t g c t t t a g c g c g c a a c c t t a t g t g c a t a t g c t c a a a a t a a t a 3'
 - fMet - gln - cys - arg - pro - val - arg - - - - - fMet - his - met - leu - lys - ile - ile -
 - asp - cys - ser - ala - ala - arg - - - - - fMet - cys - ile - cys - ser - lys - - - - -
 - ile - ala - val - pro - pro - gly - lys - val - lys - arg - lys - ser - val - leu - - - - -

orf 15 codons orf 21 codons p10 5.3 bits





###> orf 22 codons

