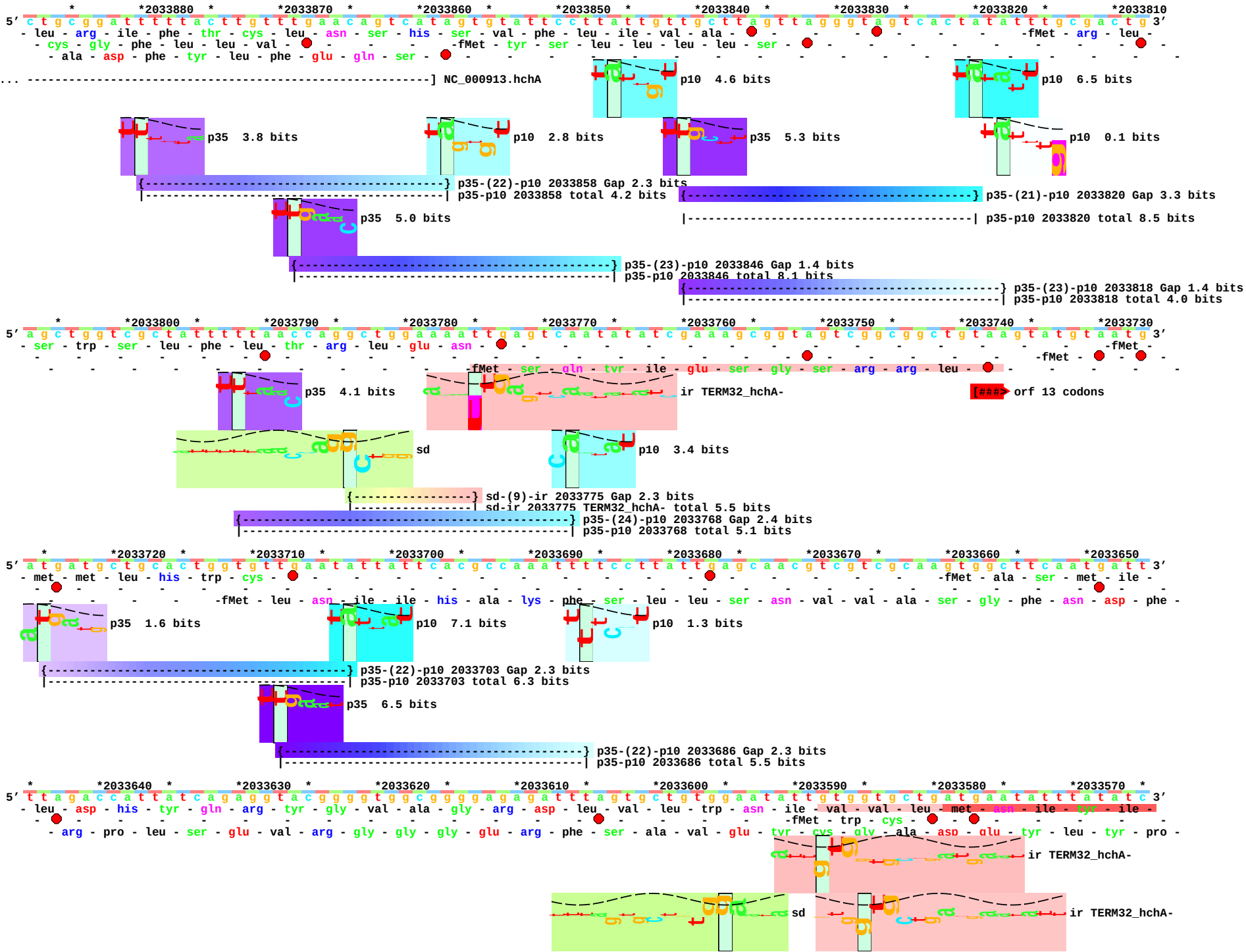
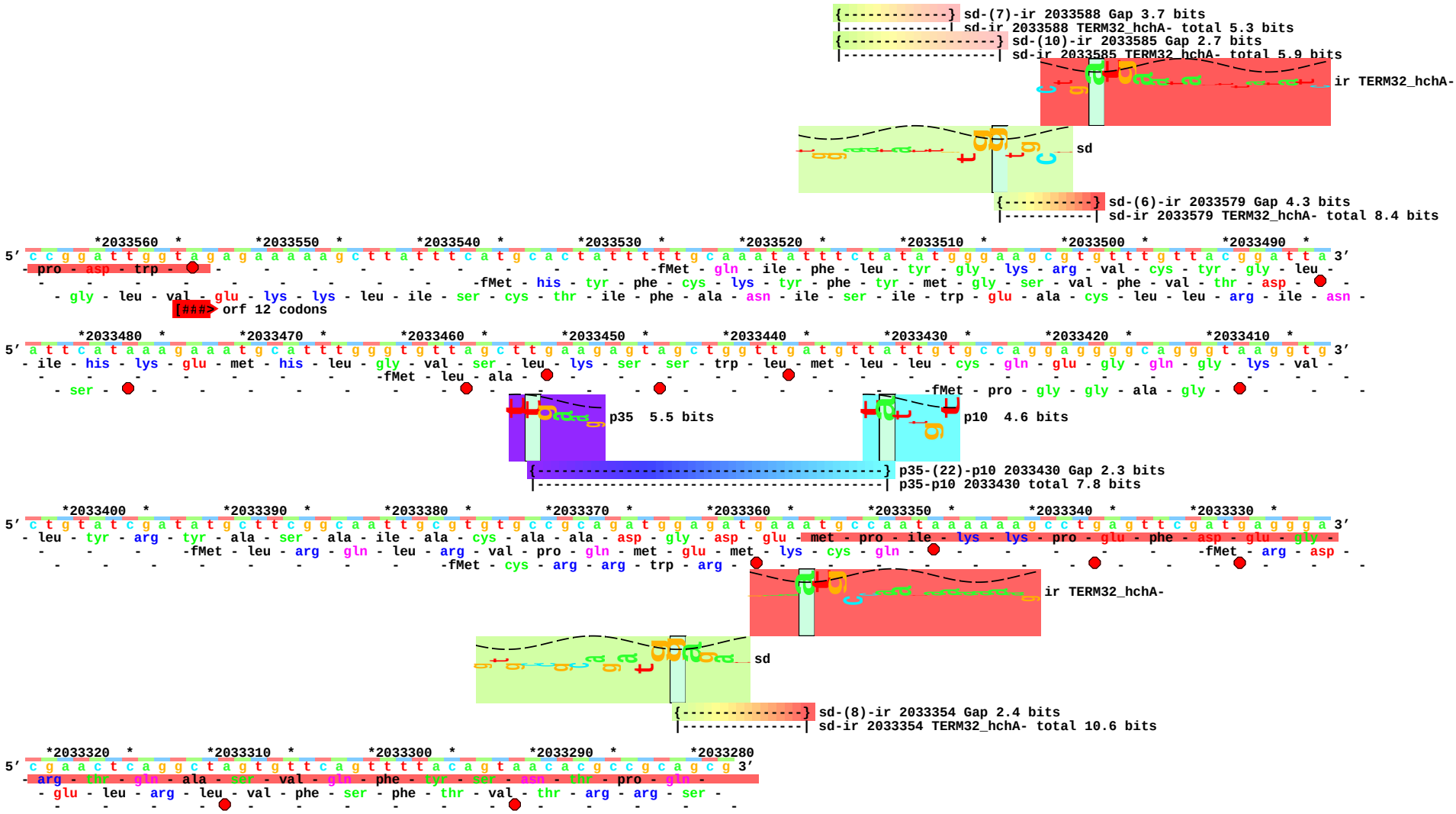
piece 1, NC_000913, TERM32_hchA-, config: linear, direction: -, begin: 2033888, end: 2033278




{----------} sd-(7)-ir 2033588 Gap 3.7 bits
|----------| sd-ir 2033588 TERM32_hchA- total 5.3 bits
{----------} sd-(10)-ir 2033585 Gap 2.7 bits
|----------| sd-ir 2033585 TERM32_hchA- total 5.9 bits
ir TERM32_hchA-
sd
{----------} sd-(6)-ir 2033579 Gap 4.3 bits
|----------| sd-ir 2033579 TERM32_hchA- total 8.4 bits
*2033560 * *2033550 * *2033540 * *2033530 * *2033520 * *2033510 * *2033500 * *2033490 *
5′ c c g g a t t g g t a g a g a a a a a g c t t a t t t c a t g c a c t a t t t t t g c a a a t a t t t c t a t a t g g g a a g c g t g t t t g t t a c g g a t t a 3′
- pro - asp - trp - -fMet - gln - ile - phe - leu - tyr - gly - lys - arg - val - cys - tyr - gly - leu -
-fMet - his - tyr - phe - cys - lys - tyr - phe - tyr - met - gly - ser - val - phe - val - thr - asp -
- gly - leu - val - glu - lys - lys - leu - ile - ser - cys - thr - ile - phe - ala - asn - ile - ser - ile - trp - glu - ala - cys - leu - leu - arg - ile - asn -
[###> orf 12 codons
*2033480 * *2033470 * *2033460 * *2033450 * *2033440 * *2033430 * *2033420 * *2033410 *
5′ a t t c a t a a a g a a a t g c a t t t g g g t g t t a g c t t g a a g a g t a g c t g g t t g a t g t t a t t g t g c c a g g a g g g g c a g g g t a a g g t g 3′
- ile - his - lys - glu - met - his - leu - gly - val - ser - leu - lys - ser - ser - trp - leu - met - leu - leu - cys - gln - glu - gly - gln - gly - lys - val -
- ser - -fMet - leu - ala - -fMet - pro - gly - gly - ala - gly -
p35 5.5 bits
p10 4.6 bits
{----------} p35-(22)-p10 2033430 Gap 2.3 bits
|----------| p35-p10 2033430 total 7.8 bits
*2033400 * *2033390 * *2033380 * *2033370 * *2033360 * *2033350 * *2033340 * *2033330 *
5′ c t g t a t c g a t a t g c t t c g g c a a t t g c g t g t g c c g c a g a t g g a g a t g a a a t g c c a a t a a a a a a g c c t g a g t t c g a t g a g g g a 3′
- leu - tyr - arg - tyr - ala - ser - ala - ile - ala - cys - ala - ala - asp - gly - asp - glu - met - pro - ile - lys - lys - pro - glu - phe - asp - glu - gly -
-fMet - leu - arg - gln - leu - arg - val - pro - gln - met - glu - met - lys - cys - gln - -fMet - arg - asp -
-fMet - cys - arg - arg - trp - arg -
ir TERM32_hchA-
sd
{----------} sd-(8)-ir 2033354 Gap 2.4 bits
|----------| sd-ir 2033354 TERM32_hchA- total 10.6 bits
*2033320 * *2033310 * *2033300 * *2033290 * *2033280
5′ c g a a c t c a g g c t a g t g t t c a g t t t t a c a g t a a c a c g c c g c a g c g 3′
- arg - thr - gln - ala - ser - val - gln - phe - tyr - ser - asn - thr - pro - gln -
- glu - leu - arg - leu - val - phe - ser - phe - thr - val - thr - arg - arg - ser -