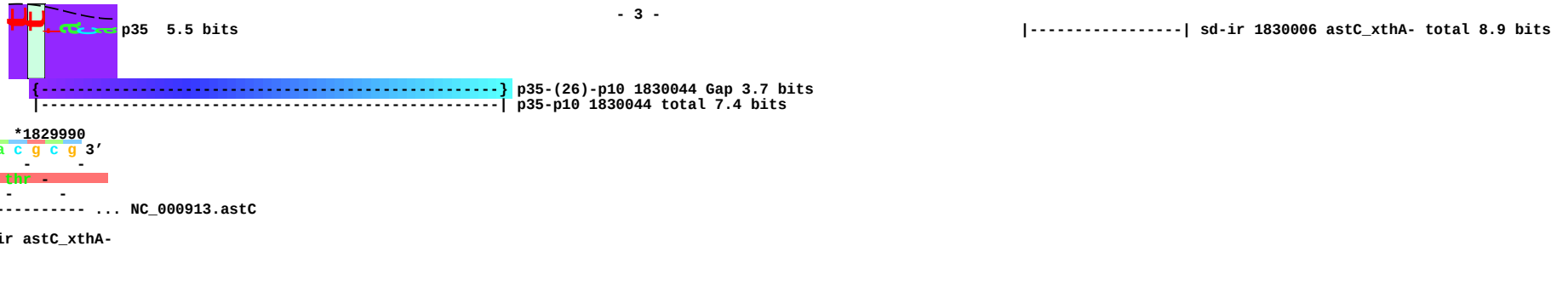
piece 1, NC_000913, astC_xthA-, config: linear, direction: -, begin: 1830481, end: 1829987

... ir astC_xthA-
- 2 -
{---------- p35-(24)-p10 1830263 Gap 2.4 bits
{---------- ... p35-(22)-p10 1830222 Gap
|---------- p35-p10 1830263 total 6.8 bits
|---------- ... p35-p10 1830222 total 4.6
{---------- p35-(24)-p10 1830252 Gap 2.4 bits
|---------- p35-p10 1830252 total 4.3 bits
{---------- ... p35-(24)-p10 1830220 Gap
|---------- ... p35-p10 1830220 total 6.4
{---------- ... p35-(25)-p10 1830219 Gap
|---------- ... p35-p10 1830219 total 4.2
*1830230 *1830220 *1830210 *1830200 *1830190 *1830180 *1830170 *1830160
5′ c t g c a t a a c a t t g c g t t t t t t a t t c t t t t t a t t c a c c c a c a t c g c a a a c g t a t t c a c t t t a t a t g c a c t t t a a a t g c a t a t 3′
-fMet - arg - phe - leu - phe - phe - leu - phe - thr - his - ile - ala - asn - val - phe - thr - leu - tyr - ala - leu - -fMet - his - met -
- ala -
-fMet - his - phe - lys - cys - ile - trp -
p10 1.3 bits
p35 4.7 bits
... p10
p10 3.2 bits
{---------- p35-(21)-p10 1830159 Gap 3.3 bit
... ----------} p35-(22)-p10 1830222 Gap 2.3 bits
|---------- p35-p10 1830159 total 5.4 bits
... ----------| p35-p10 1830222 total 4.6 bits
p35 5.6 bits
p10 2.6 bits
{---------- ... p35-(21)-p10 1830148 Gap
|---------- ... p35-p10 1830148 total 6.3
... ----------} p35-(24)-p10 1830220 Gap 2.4 bits
... ----------| p35-p10 1830220 total 6.4 bits
... ----------} p35-(25)-p10 1830219 Gap 4.0 bits
... ----------| p35-p10 1830219 total 4.2 bits
*1830150 *1830140 *1830130 *1830120 *1830110 *1830100 *1830090 *1830080
5′ g g t t t g g t t a t a a c t c c t t g a t t t c c a g t t a g c c t c c g c c g t t t a t g c a c t t t t a t c a c t g g c t g g c a c g a a c c c t g c a a t 3′
-fMet - val - ile - thr - pro -
- val - trp - leu -
- phe - gly - tyr - asn - ser - leu - ile - ser - ser -
-fMet - his - phe - tyr - his - trp - leu - ala - arg - thr - leu - gln - ser -
... p10 3.9 bits
p35 2.2 bits
p10 4.1 bits
{---------- ... p35-(23)-p10 1830074 Gap
|---------- ... p35-p10 1830074 total 5.8
... ----------} p35-(21)-p10 1830148 Gap 3.3 bits
... ----------| p35-p10 1830148 total 6.3 bits
*1830070 *1830060 *1830050 *1830040 *1830030 *1830020 *1830010 *1830000
5′ c t a c a t t t a c a g c g c a a a c a t t a c t t a t t a t t a a c a t a t a a a t a a c g a a t t a t t t a c t g t a g a g g t c g c t a t g t c t c a g c c 3′
-fMet - ser - gln - pro -
- thr - phe - thr - ala - gln - thr - leu - leu - ile - ile - asn - ile -
p10 5.1 bits
p10 5.6 bits
sd [---------- ... NC_000913.astC
... ----} p35-(23)-p10 1830074 Gap 1.4 bits
... ir
... ----| p35-p10 1830074 total 5.8 bits
{---------- sd-(9)-ir 1830006 Gap 2.3 bits


p35 5.5 bits
|----------------| sd-ir 1830006 astC_xthA- total 8.9 bits
{--} p35-(26)-p10 1830044 Gap 3.7 bits
|--| p35-p10 1830044 total 7.4 bits
*
*1829990
5’ a a t t a c g c g 3’
- ile - thr -
... ... NC_000913.astC
... ir astC_xthA-