

piece 1, NC_000913, ypjA_pinH-, config: linear, direction: -, begin: 2781116, end: 2780729

* 2781110 * * 2781100 * * 2781090 * * 2781080 * * 2781070 * * 2781060 * * 2781050 * * 2781040 *

5' a c a a t c t g c g a t c t c a a g t t a t t g t g t g a t t t t t a t g t g a g c a g a g a t a t t c a t c a g a a a c g a t t a t g t a a a t c a t t t t 3'

- thr - ile - cys - asp - leu - lys - val - ile - val - ● - asp - phe - tyr - val - ser - arg - arg - tyr - ser - ser - glu - thr - ile - met - ● - - - - -

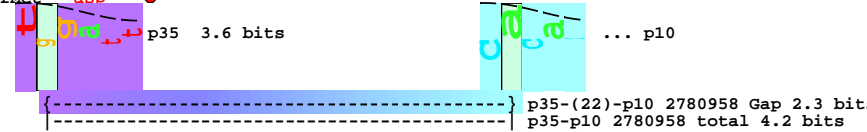
- asn - leu - arg - ser - gln - ser - tyr - cys - val - ile - phe - met - ● - - - - -

* 2781030 * * 2781020 * * 2781010 * * 2781000 * * 2780990 * * 2780980 * * 2780970 * * 2780960 *

5' a t t t t g c c a a c g g c c t c a t t g t c g a a g a a a g a a t a c g c c c g t a t t t c c t g a a t g g a t t g a c t t t t t t a t c c a a c c a c a c 3'

- fMet - pro - thr - ala - ser - leu - ser - lys - glu - lys - asn - thr - pro - val - phe - pro - glu - trp - ile - phe - phe - ile - gln - pro - his -

- - - - - fMet - asp - ● - fMet - thr - phe - leu - ser - asn - his - thr -



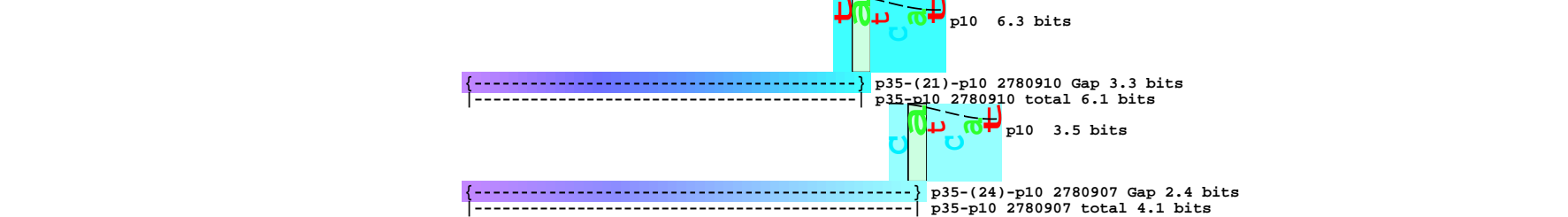
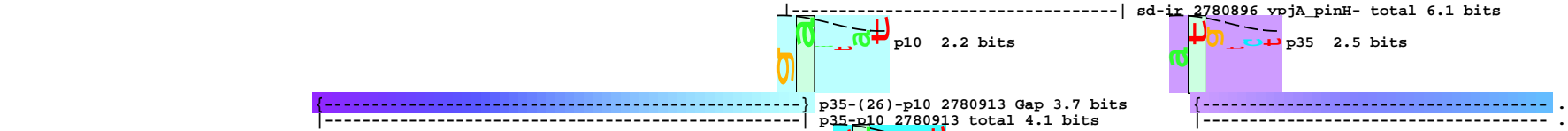
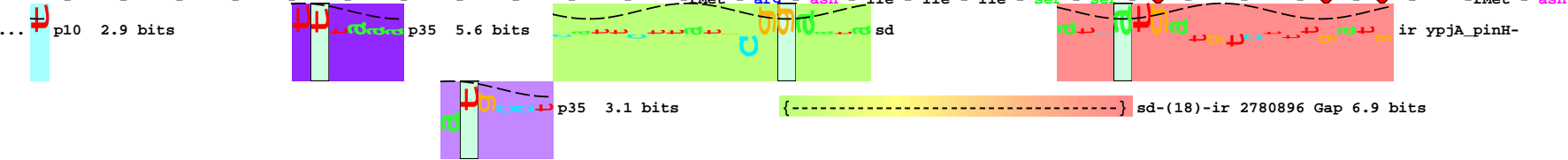
* 2780950 * * 2780940 * * 2780930 * * 2780920 * * 2780910 * * 2780900 * * 2780890 * * 2780880 *

5' t t c a g c g c a c t g c g t t t a a a a a t g c c t c a t t c t t a t g c g g a a t a t c a t c a t t t c a t c a t g a t g t c t t t g a t g a g c g g t g a 3'

- phe - ser - ala - leu - arg - leu - lys - asn - ala - ser - phe - leu - cys - gly - ile - ser - ser - phe - his - his - asp - val - phe - asp - glu - arg - ● -

- ser - ala - his - cys - val - ● - -fMet - pro - his - ser - tyr - ala - glu - tyr - his - his - phe - ile - met - met - ser - leu - met - ser - gly - glu -

- - - - - fMet - arg - asn - ile - ile - ile - ser - ser - ● - - - - -fMet - asn -



* 2780870 * * 2780860 * * 2780850 * * 2780840 * * 2780830 * * 2780820 * * 2780810 * * 2780800 *

5' a c a c a a t a c a c t t g c g c t g t c t c t t c a g g a t g a a t c c c c t g g t c t g g t g c c t g t g g g c t g a t g t t g c a g c a a a g c t a a g g t 3'

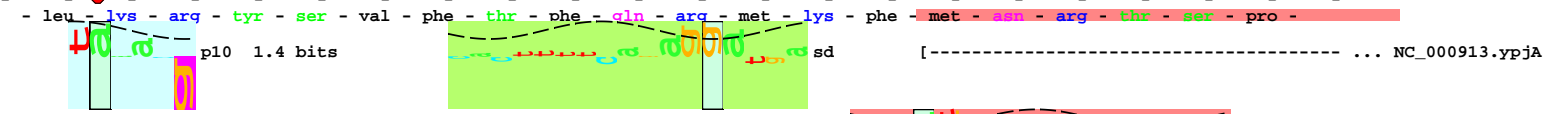
- his - asn - thr - leu - ala - leu - ser - leu - gln - asp - glu - ser - pro - gly - leu - val - pro - val - gly - ● - fMet - leu - gln - gln - ser - ● -

- thr - ile - his - leu - arg - cys - leu - phe - arg - met - asn - pro - leu - val - trp - cys - leu - trp - ala - asp - val - ala - ala - lys - leu - arg - ser -



* 2780790 * * 2780780 * * 2780770 * * 2780760 * * 2780750 * * 2780740 * * 2780730 *

5' c g c t t a a a c g c t a c t c a g t a t t c a c t t t t c a g a g g a t g a a a t t t a t g a a c a g g a c c a g t c c c t a 3'



... -----} p35-(22)-p10 2780787 Gap 2.3 bits
 ... -----| p35-p10 2780787 total 4.3 bits

{-----} sd-(10)-ir 2780748 Gap 2.7 bits [###] ... orf
 |-----| sd-ir 2780748 ypjA_pinH- total 11.3 bits