

piece 1, NC\_000913, yigE\_corA+, config: linear, direction: +, begin: 3999050, end: 3999468

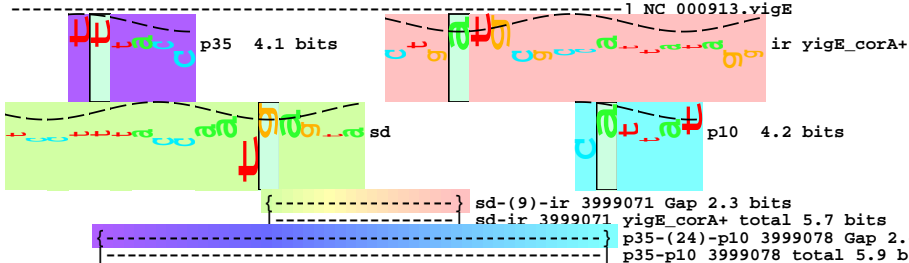
\*3999050 \*      \*3999060 \*      \*3999070 \*      \*3999080 \*      \*3999090 \*      \*3999100 \*      \*3999110 \*      \*3999120 \*      \*3999130 \*

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

- ser - phe - thr - asn - glu -      -fMet - arg - his - tyr - arg - ser - trp - met - trp - asp - phe - phe - ile - leu - leu - ala - thr - leu - thr - ser -

- pro - leu - pro - met - ser - ser -      -fMet - gly - phe - phe - tyr - pro - val - ser - asp - leu - asp - glu - tyr -

- leu - tyr - gln -      -



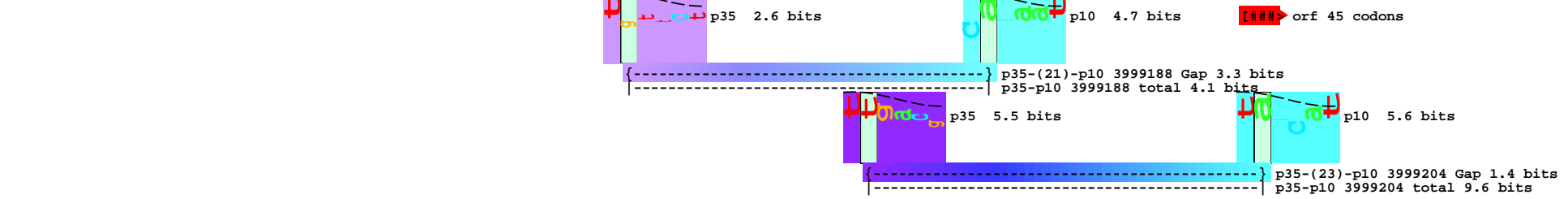
\*3999140 \*      \*3999150 \*      \*3999160 \*      \*3999170 \*      \*3999180 \*      \*3999190 \*      \*3999200 \*      \*3999210 \*

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

- thr - lys - lys - arg - glu - val - gln - leu - leu - phe - cys - gly - val - leu - leu - arg - val - asp - gly - lys - ile - leu - leu - ala -

-fMet - val - phe - cys - cys - val - leu - thr - ala - lys - phe - cys - trp - arg - asn - met - arg -

- gln - lys - ala - arg - ser - ser - thr - ile - val - leu - trp - cys - ser - val - ala - cys -



\*3999220 \*      \*3999230 \*      \*3999240 \*      \*3999250 \*      \*3999260 \*      \*3999270 \*      \*3999280 \*      \*3999290 \*

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

- ala - arg - ser - leu -      -fMet - asp - thr - pro - ser - arg - tyr - trp - leu - thr - ile - leu - ser - ser - arg - ile - asn - ser -

\*3999300 \*      \*3999310 \*      \*3999320 \*      \*3999330 \*      \*3999340 \*      \*3999350 \*      \*3999360 \*      \*3999370 \*

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

-fMet - leu - ile - ala - leu - ala - val - val - ser - asp - leu - asn - phe - ser - arg - arg - ala - glu - ser - gly - cys - leu -

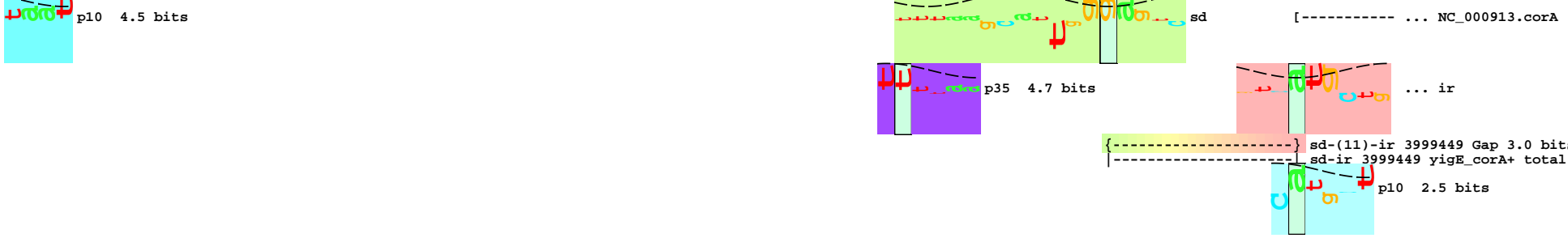


\*3999380 \*      \*3999390 \*      \*3999400 \*      \*3999410 \*      \*3999420 \*      \*3999430 \*      \*3999440 \*      \*3999450 \*

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

- met - val -      -fMet - phe - leu - cys - ala - his - arg - thr - val - arg - tyr - phe - lys - his - trp - glu - ser - arg - ser - cys -

-fMet - pro - thr - glu - leu - ser - asp - ile - leu - ser - ile - gly - ser - pro - gly - his - ala - glu -



\* \*3999460 \*  
5' a g c g c a t t t c a a c t 3'  
- ser - ala - phe - gln -  
- arg - ile - ser - thr -  
... NC\_000913.corA  
... ir yigE\_corA+

-----} p35-(23)-p10 3999449 Gap 1.4 bits  
-----| p35-p10 3999449 total 5.7 bits