

piece 1, NC\_000913, gatY\_REP151+, config: linear, direction: +, begin: 2175197, end: 2175449

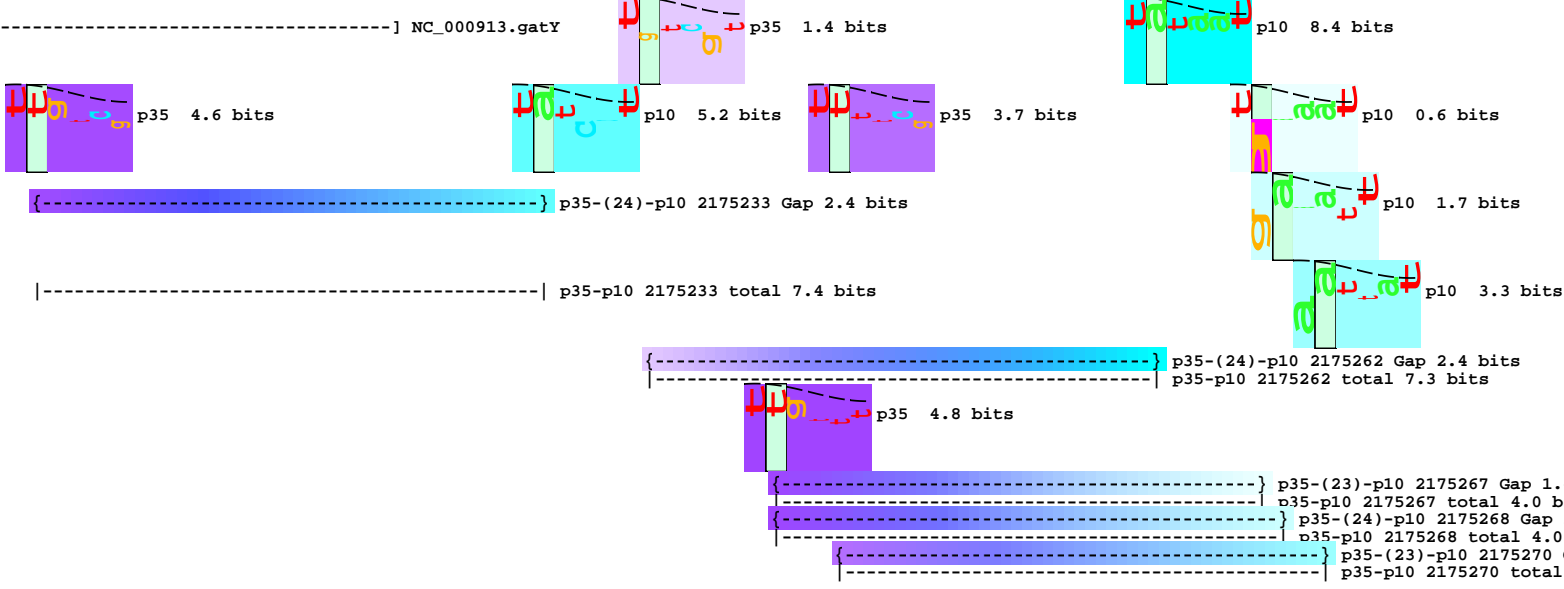
\*2175200 \* \*2175210 \* \*2175220 \* \*2175230 \* \*2175240 \* \*2175250 \* \*2175260 \* \*2175270 \*

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

- gln - his - leu - leu - cys - arg - tyr - his - val - his - phe - his - ile - leu - ser - phe - val - phe - asp - phe - lys - ile - - - -fMet -

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

- ala - ser - ala - leu - ser - ile - pro - arg - thr - phe - ser - tyr - pro - val - val - cys - phe - arg - phe - gln - asn - ile - met - lys - leu - phe - val -



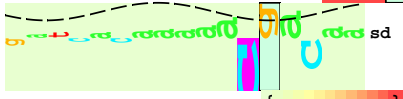
\*2175280 \* \*2175290 \* \*2175300 \* \*2175310 \* \*2175320 \* \*2175330 \* \*2175340 \* \*2175350 \*

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

- phe - leu - asn - ile - glu - ile - thr - ile - thr - lys - thr - thr - ile - - - -

- phe - lys - tyr - arg - asp - asn - asp - his - lys - asn - asp - asn - met - lys - ile - ile - arg - gly - val - lys - gly - lys - lys - thr - ala - ser - arg -

ir gatY\_REP151+



sd-(6)-ir 2175316 Gap 4.3 bits  
sd-ir 2175316 gatY\_REP151+ total 8.2 bits

\*2175360 \* \*2175370 \* \*2175380 \* \*2175390 \* \*2175400 \* \*2175410 \* \*2175420 \* \*2175430 \*

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

- - - - -fMet - - - - -fMet - pro - asp - ala - val - - - -fMet - ala - val - leu - cys - arg - his - asp -

- - - - -fMet - arg - val - phe - leu - cys - arg - met - arg - cys - lys - his - thr - trp - gln - cys - tyr - val - gly - met - ile -

### orf 16 codons

\*2175440 \*

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

- lys - thr - leu -

- arg - arg -