

piece 1, NC\_000913, lpxC\_secM-, config: linear, direction: -, begin: 107734, end: 107455

\*107730 \* \*107720 \* \*107710 \* \*107700 \* \*107690 \* \*107680 \* \*107670 \* \*107660 \*

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

- leu - ser - pro - ala - arg - gln - tyr - ser - thr - his - val - ile - ala - ile - pro - ile - ile - phe - lys - arg - ile - ● - - - - -

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

- val - ala - ser - ala - ser - val - phe - his - ser - arg - tyr - cys - his - pro - asp - his - ile - gln - thr - tyr - leu - ala - his - lys - ser - tyr - his -

-----] NC\_000913.secM

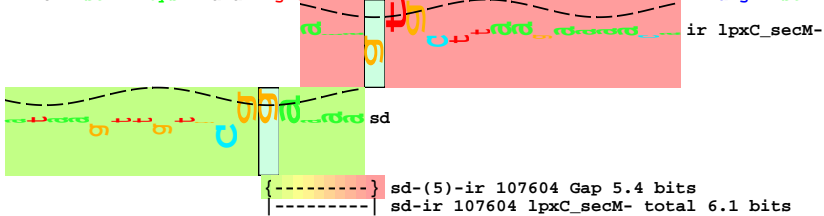
\*107650 \* \*107640 \* \*107630 \* \*107620 \* \*107610 \* \*107600 \* \*107590 \* \*107580 \*

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

- leu - lys - pro - ala - val - his - ser - thr - asn - glu - asp - lys - leu - cys - gly - lys - val - leu - lys - lys - thr - ala - phe - ala - pro - phe - phe -

- ● - - - - - -fMet - lys - ile - ser - cys - ala - glu - lys - cys - leu - arg - lys - gln - arg - ser - his - arg - phe - leu -

-----] ir lpxC\_secM-



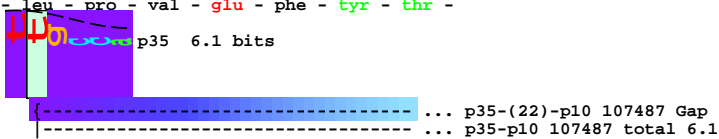
\*107570 \* \*107560 \* \*107550 \* \*107540 \* \*107530 \* \*107520 \* \*107510 \* \*107500 \*

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

- ile - ala - leu - ile - lys - phe - lys - lys - lys - arg - leu - val - his - leu - ala - gly - glu - ser - ala - arg - phe - ala - ser - arg - ile - leu - tyr -

- ● - - - - - -fMet - pro - asp - leu - pro - val - glu - phe - tyr - thr -

-----] p35 6.1 bits



\*107490 \* \*107480 \* \*107470 \* \*107460 \*

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

- asp - ser - ile - asn - val - val - met - pro - val - gln - leu - lys -

- thr - val - ● - -fMet - ser - leu - cys - gln - tyr - ser - ● - -

-----] p10 2.4 bits <-----] ... NC\_000913.lpxC

... -----] p35-(22)-p10 107487 Gap 2.3 bits

... -----] p35-p10 107487 total 6.1 bits