

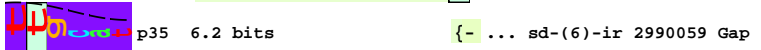
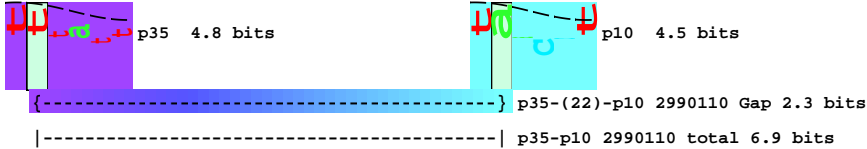
piece 1, NC_000913, ygeG_ygeH-, config: linear, direction: -, begin: 2990145, end: 2989762

*2990140 *2990130 *2990120 *2990110 *2990100 *2990090 *2990080 *2990070 *

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

-fMet - ile - **asp** - met - arg - ile - **tyr** - phe - leu - **ser** - pro - leu - val - **asn** - leu - **tyr** - **glu** - lys - ile - **gly** - phe - leu - his - pro - ala -

NC_000913.ygeH

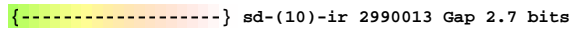
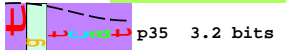
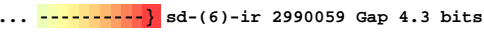


*2990060 *2990050 *2990040 *2990030 *2990020 *2990010 *2990000 *2989990 *

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

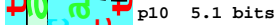
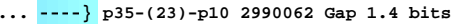
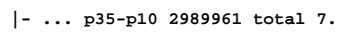
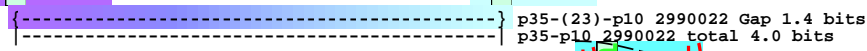
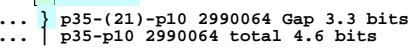
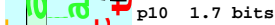
-fMet - cys - his - **asp** - ala - ile - his - ile - **tyr** - val - **ser** - leu - **thr** - leu - **ala** - **glu** - ile - **thr** - phe - **asp** - ile - **ser** - met - val - val - phe - **thr** - **asn** - leu -

sd ir ygeG_ygeH- sd

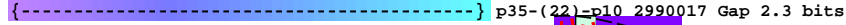


sd-ir 2990059 ygeG_ygeH- total 8.6 bits

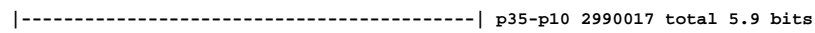
sd-ir 2990013 ygeG_ygeH- total 5.6 bits



p35-p10 2990062 total 8.0 bits



ir ygeG_ygeH-



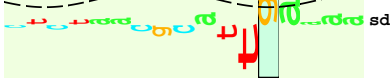
*2989980 *2989970 *2989960 *2989950 *2989940 *2989930 *2989920 *2989910 *

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

-tyr - leu - arg - **asn** - ser - val - met - **asp** - **orf 18 codons** - fMet - ile - lys - fMet - phe - ser - **asn** - ala - leu - lys - **asn** -



sd [###] orf 18 codons p35 2.1 bits

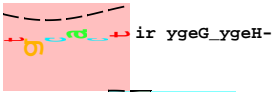


p35-(24)-p10 2989870 Gap 2.4 bits
p35-p10 2989870 total 8.0 bits

*2989820 * *2989810 * *2989800 * *2989790 * *2989780 * *2989770 *
5' t g c a c t a t a a c c a g c a a a t t t a a c c a a a t g a t t g t a a t g o t t a g c c a t t a t c t t c t g a a t 3'
- c y s - t h r - i l e - t h r - s e r - l y s - p h e - a s n - g l n - m e t - i l e - v a l - m e t - l e u - s e r - h i s - t y r - l e u - l e u - a s n -

-fMet

... ir ygeG_ygeH-



sd



<----- NC_000913.ygeG

p10 4.1 bits



ir ygeG_ygeH-



sd-(7)-ir 2989785 Gap 3.7 bits
sd-ir 2989785 ygeG_ygeH- total 5.5 bits

p35-(22)-p10 2989815 Gap 2.3 bits

p35-p10 2989815 total 4.3 bits

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