

piece 1, NC\_000913, serA\_rpiA+, config: linear, direction: +, begin: 3056403, end: 3056707

\* 3056410 \* \* 3056420 \* \* 3056430 \* \* 3056440 \* \* 3056450 \* \* 3056460 \* \* 3056470 \* \* 3056480 \*

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

- leu - val - phe - leu - **gln** - **arg** - **tyr** - leu - **cys** - **his** - leu - pro - **asn** - pro - val - phe - **fMet** - **cys** - **gly** - phe - ala - **ser** - ala - phe -

- leu - **ser** - phe - **ser** - **ser** - **asp** - **thr** - phe - ala - ile - **tyr** - pro - ile - leu - **ser** - phe - **glu** - met - leu - **cys** - ala - **asp** - leu - **his** - pro - pro - phe -

- **cys** - leu - **ser** - pro - ala - ile - pro - leu - phe - **thr** - **gln** - **ser** - **cys** - leu - leu - **lys** - **cys** - **cys** - val - **arg** - ile - **cys** - ile - **arg** - leu - **ser** -



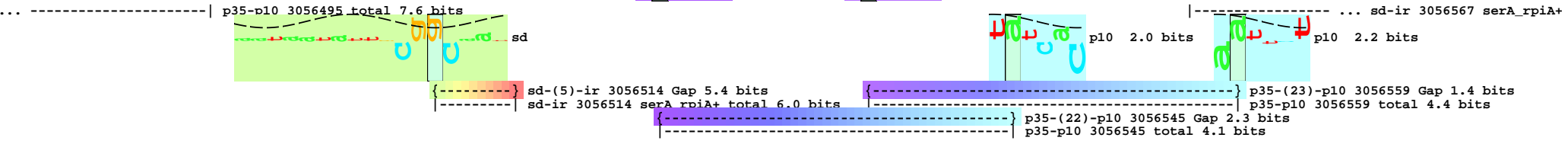
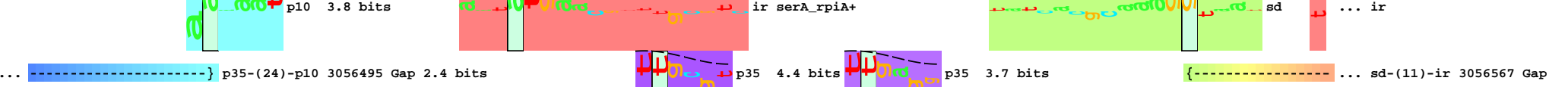
\* 3056490 \* \* 3056500 \* \* 3056510 \* \* 3056520 \* \* 3056530 \* \* 3056540 \* \* 3056550 \* \* 3056560 \*

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

- **gln** - **his** - ile - lys - lys - **fMet** - **asn** - val - **cys** - val - ala - met - leu - **arg** - **lys** - **tyr** - **his** - ala - **lys** - val - ile - leu -

- **asn** - ile - **ser** - **lys** - **asn** - **asn** - ile - ala - ala - ile - **fMet** - **asn** - val - **cys** - val - ala - met - leu - **arg** - **lys** - **tyr** - **his** - ala - **lys** - val - ile - leu -

- **thr** - **tyr** - **gln** - **lys** - ile - ile - leu - **arg** - **gln** - **tyr** - **glu** - **arg** - leu - **arg** - **arg** - **asp** - val - **glu** - **glu** - ile - **ser** - **arg** - **lys** - **gly** - **asn** - **ser** - trp -

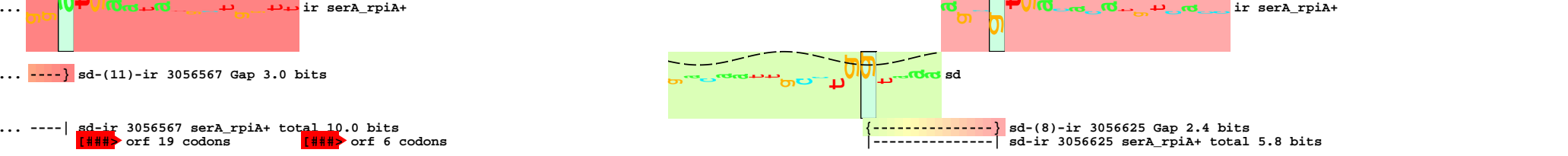


\* 3056570 \* \* 3056580 \* \* 3056590 \* \* 3056600 \* \* 3056610 \* \* 3056620 \* \* 3056630 \* \* 3056640 \*

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

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

- met - **asp** - met - leu - val - **fMet** - pro - **gly** - **lys** - **ser** - val - **thr** - **his** - val - **thr** - **lys** - phe -



\* 3056650 \* \* 3056660 \* \* 3056670 \* \* 3056680 \* \* 3056690 \* \* 3056700 \*

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

- **asn** - **glu** - **glu** - **asn** - phe - phe - **asn** - **gly** - **gly** - **gly** - **ser** - pro - val - **arg** - **ser** - phe - **his** - **asn** - **gly** - phe -

- met - **lys** - **arg** - ile - phe - leu - **thr** - **gly** - **glu** - val - pro - pro - **ser** - **asp** - **his** - phe - **thr** - met - val - leu -