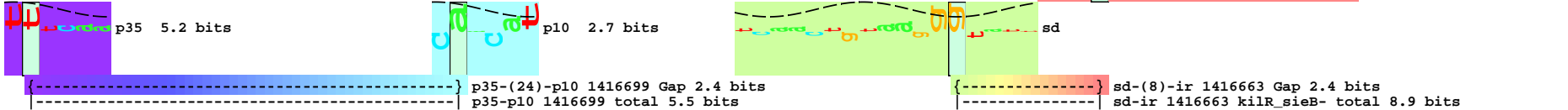


piece 1, NC\_000913, kilR\_sieB-, config: linear, direction: -, begin: 1416724, end: 1416234

5' <sup>\*1416720 \*</sup> <sup>\*1416710 \*</sup> <sup>\*1416700 \*</sup> <sup>\*1416690 \*</sup> <sup>\*1416680 \*</sup> <sup>\*1416670 \*</sup> <sup>\*1416660 \*</sup> <sup>\*1416650 \*</sup>  
 - phe - gln - gln - trp - ser - lys - tyr - ile - gln - his - ile - asn - asn - ser - gln - leu - **Met** - glu - met - leu - thr - gln - ala - leu - ala -  
 - ser - thr - met - glu - **Met** - lys - cys -

-----] NC\_000913.sieB



5' <sup>\*1416640 \*</sup> <sup>\*1416630 \*</sup> <sup>\*1416620 \*</sup> <sup>\*1416610 \*</sup> <sup>\*1416600 \*</sup> <sup>\*1416590 \*</sup> <sup>\*1416580 \*</sup> <sup>\*1416570 \*</sup>  
 - val - gly - val - **Met** - val - lys -

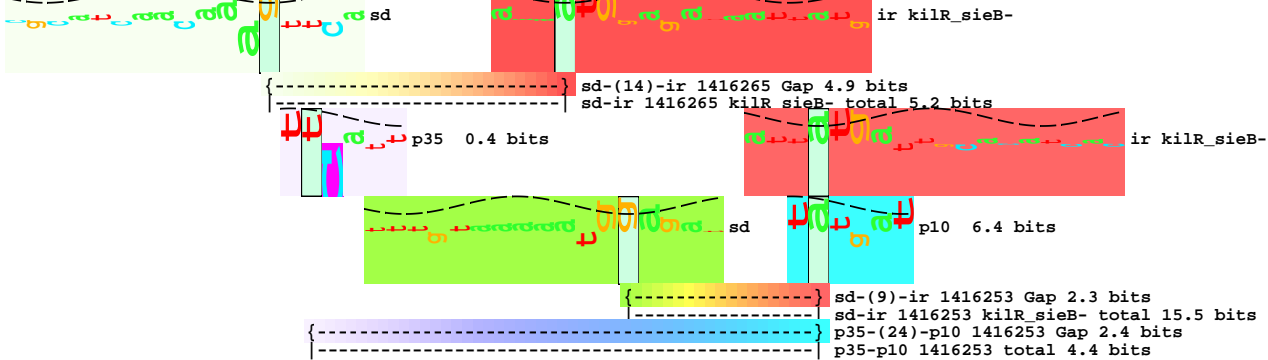
##### orf 11 codons

5' <sup>\*1416560 \*</sup> <sup>\*1416550 \*</sup> <sup>\*1416540 \*</sup> <sup>\*1416530 \*</sup> <sup>\*1416520 \*</sup> <sup>\*1416510 \*</sup> <sup>\*1416500 \*</sup> <sup>\*1416490 \*</sup>  
 - fMet - ser - val - lys - phe - lys - trp - trp - glu - cys - ala - ser - gly - cys - lys - fMet - leu - cys - val - fMet - cys - ser

5' <sup>\*1416480 \*</sup> <sup>\*1416470 \*</sup> <sup>\*1416460 \*</sup> <sup>\*1416450 \*</sup> <sup>\*1416440 \*</sup> <sup>\*1416430 \*</sup> <sup>\*1416420 \*</sup> <sup>\*1416410 \*</sup>  
 - val - leu - ala - ala - ser - val - phe - phe - leu - lys - phe - gly - fMet - fMet - fMet - asn - ala -  
 - pro - gly - gly - ile - ser - phe - phe - leu - glu - val - arg - leu - met - ser - ala - leu - phe - lys - val - asn - phe - val - met - arg - fMet - arg

5' <sup>\*1416400 \*</sup> <sup>\*1416390 \*</sup> <sup>\*1416380 \*</sup> <sup>\*1416370 \*</sup> <sup>\*1416360 \*</sup> <sup>\*1416350 \*</sup> <sup>\*1416340 \*</sup> <sup>\*1416330 \*</sup> <sup>\*1416320 \*</sup>  
 - ala - lys - arg - thr - trp - his - ser - fMet - val - trp - val - gly - lys - pro - thr - val - ile - val - asn - trp -  
 - leu - ser - ala - arg - gly - thr - val - lys - ser - his - val - ser - pro - tyr - trp - phe - gly - ser - arg - leu - thr - gly

5' <sup>\*1416310 \*</sup> <sup>\*1416300 \*</sup> <sup>\*1416290 \*</sup> <sup>\*1416280 \*</sup> <sup>\*1416270 \*</sup> <sup>\*1416260 \*</sup> <sup>\*1416250 \*</sup> <sup>\*1416240 \*</sup>  
 - leu - gln - ser - pro - gly - gly - thr - arg - his - arg - ile - asn - lys - val - his - leu - **Met** - glu - ile - ile - met - ile - ala - his - his -  
 - cys - ser - his - leu - glu - ala - pro - asp - thr - ala - ser - thr - lys - phe - ile - cys - lys - asn - gly - asp - asn - tyr - asp - cys - thr - ser - leu



5' <sup>\*</sup> <sup>\*</sup>  
 - phe -  
 - ser -  
 - arg -