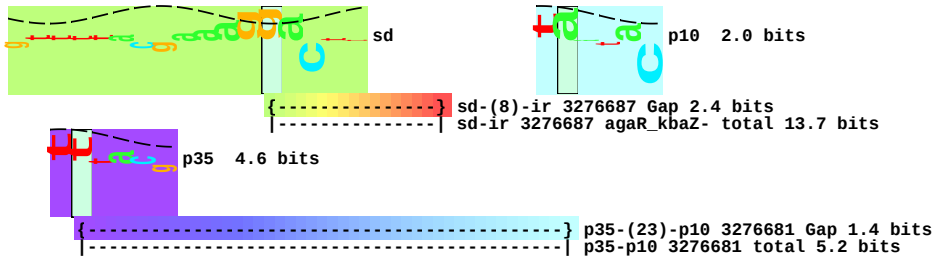
piece 1, NC_000913, agaR_kbaZ-, config: linear, direction: -, begin: 3276965, end: 3276668
*3276960 *3276950 *3276940 *3276930 *3276920 *3276910 *3276900 *3276890
5′ c t g t c t c a c c a t t t c t g t c a g a t g t t t c a c t t c c t c t c c a g t t c a g a t t a c t g c g a t a t t a a t c t t t c g t t t t g t t t c a g 3′
- leu - ser - his - his - phe - cys - gln - met - phe - his - phe - pro - leu - gln - phe - arg - leu - leu - arg - tyr - -fMet - phe - gln -
- cys - leu - thr - ile - ser - val - arg - cys - phe - thr - phe - leu - ser - ser - ser - ser - asp - tyr - cys - asp - ile - asn - leu - ser - phe - cys - phe - ser -
- val - ser - pro - phe - leu - ser - asp - val - ser - leu - ser - ser - pro - val - gln - ile - thr - ala - ile - leu - ile - phe - arg - phe - val - ser - val -
... ----------] NC_000913.kbaZ
*3276880 *3276870 *3276860 *3276850 *3276840 *3276830 *3276820 *3276810
5′ t t g a t a c t g c g t c a t g g t g a g a t a a a a t a a a a c g a a a g a t a a t g g t t t t c t g a t c t g a t t c a c a a a a g a a a c a t a a t g a a 3′
- leu - ile - leu - arg - his - gly - glu - ile - lys - ile - lys - arg - lys - ile - met - val - phe - -fMet - lys -
- asp - thr - ala - ser - trp - -fMet - val - arg -
p35 5.6 bits
p10 3.8 bits
ir agaR_kbaZ-
... ir
sd
[###> orf 4 codons
{----------} sd-(8)-ir 3276808 Gap 2.4 bits
{----------} sd-(8)-ir 3276842 Gap 2.4 bits
|----------| sd-ir 3276808 agaR_kbaZ- total
|----------| sd-ir 3276842 agaR_kbaZ- total 6.9 bits
p10 1.8 bits
{----------} p35-(23)-p10 3276860 Gap 1.4 bits
sd
|----------| p35-p10 3276860 total 8.0 bits
p35 4.8 bits
p10 5.5 bits
{----------} p35-(23)-p10 3276814 Gap 1.4 bits
|----------| p35-p10 3276814 total 5.1 bits
{----------} p35-(26)-p10 3276811 Gap 3.7 bits
|----------| p35-p10 3276811 total 6.6 bits
*3276800 *3276790 *3276780 *3276770 *3276760 *3276750 *3276740 *3276730
5′ a g t c a c t g a a a c g a g a g t a g c t t g c g t c a a t g g g c a a g g t g g g c t t g c a t t t g c t t a a t a g a a a g g c g t t a a t a g g c a a a a 3′
- -fMet - arg - gln - trp - ala - arg - trp - ala - cys - ile - cys - leu - ile - glu - arg - arg -
- val - thr - glu - thr - arg - val - ala - cys - val - asn - gly - gln - gly - gly - leu - ala - phe - ala -
- -fMet - gly - lys - val - gly - leu - his - leu - leu - asn - arg - lys - ala - leu - ile - gly - lys - thr -
... ir agaR_kbaZ-
[###> orf 21 codons
{---------- ... sd-(10)-ir 3276718
p35 6.2 bits
sd
|---------- ... sd-ir 3276718 agaR
p10 0.4 bits
{----------} p35-(23)-p10 3276735 Gap 1.4 bits
|----------| p35-p10 3276735 total 5.2 bits
*3276720 *3276710 *3276700 *3276690 *3276680 *3276670
5′ c g a a a t g a a a c g a a a g t t t t a c g a a a g g a c t t a c t a t g a g t a a t a c c g a c g c t t c 3′
- -fMet - lys - arg - lys - phe - tyr - glu - arg - thr - tyr - tyr - glu -
- lys - -fMet - ser - asn - thr - asp - ala -
... --------] sd-(10)-ir 3276718 Gap 2.7 bits
[---------- ... NC_000913.agaR
ir agaR_kbaZ-
[###> orf 13 codons
... --------| sd-ir 3276718 agaR_kbaZ- total 7.5 bits
ir agaR_kbaZ-


sd
p10 2.0 bits
sd-(8)-ir 3276687 Gap 2.4 bits
sd-ir 3276687 agaR_kbaZ- total 13.7 bits
p35 4.6 bits
p35-(23)-p10 3276681 Gap 1.4 bits
p35-p10 3276681 total 5.2 bits