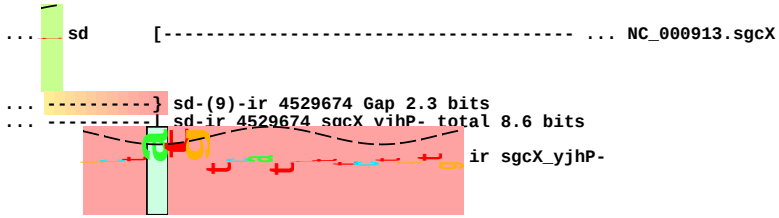
piece 1, NC_000913, sgcX_yjhP-, config: linear, direction: -, begin: 4530489, end: 4529655

- 2 -
sd
p10 5.1 bits
sd-(8)-ir 4530035 Gap 2.4 bits
sd-ir 4530035 sgcX_yjhP- total 11.2 bits
p35 1.2 bits
p35-(23)-p10 4530025 Gap 1.4 bits
p35-p10 4530025 total 4.8 bits
*4530000 *4529990 *4529980 *4529970 *4529960 *4529950 *4529940 *4529930 *
5′ c c t g c c a c g c g c c a t t a c a t t c t a a g a t c c g c t g a t g g a g a t g c t g g g g t a t c c a c g t g c a g g a c g t a a t g a a g a g g g a g c 3′
- leu - pro - arg - ala - ile - thr - phe - fMet - glu - met - leu - gly - tyr - pro - arg - ala - gly - arg - asn - glu - glu - gly - ala -
[###> orf 19 codons
fMet - gln - asp - val - met - lys - arg - glu - arg -
*4529920 *4529910 *4529900 *4529890 *4529880 *4529870 *4529860 *4529850 *
5′ g t c c t g c a a c a a a g t g g t g c t a t a a c a g t t a c c g c g t t t t a t t c a t c c t c a t t a t t t c a a c c a t a a t c a c t g g t c t c t c c a 3′
- ser - cys - asn - lys - val - val - leu -
- pro - ala - thr - lys - trp - cys - tyr - asn - ser - tyr - arg - val - leu - phe - ile - leu - ile - ile - ser - thr - ile - ile - thr - gly - leu - ser - ser -
p35 4.8 bits
p10 5.5 bits
p35-(24)-p10 4529860 Gap 2.4 bits
p35-p10 4529860 total 7.9 bits
*4529840 *4529830 *4529820 *4529810 *4529800 *4529790 *4529780 *4529770 *
5′ g c c c g t a a c t t t c a c a a a c g t t g a g c g c t t t t a t t c c a c t c g g c t c a c a t a a t t t t t t a t t t g t t c a g c t t t g c g c g t t t t t 3′
- pro - fMet - ser - ala - phe - ile - pro - leu - gly - ser - his - asn - phe - leu - phe - val - gln - leu - cys - ala - phe - ser -
fMet - phe - ser - phe - ala - arg - phe -
fMet - arg - val - phe -
p35 4.8 bits
p10 4.4 bits
... p35
p35-(21)-p10 4529791 Gap 3.3 bits
p35-p10 4529791 total 5.9 bits
... p35-(21)-p10 4
... p35-p10 452974
p35 4.8 bits
p10 1.3 bits
p35-(23)-p10 4529788 Gap 1.4 bits
p35-p10 4529788 total 4.7 bits
p10 3.2 bits
p35-(26)-p10 4529786 Gap 3.7 bits
p35-p10 4529786 total 4.2 bits
*4529760 *4529750 *4529740 *4529730 *4529720 *4529710 *4529700 *4529690 *4529680
5′ c a c g t g a a c g t t c t c a c a a t t a t t c g a c c a g t c t g c g c c t a t a a a a c g c t c a a c g a g t g a t t g t t t t a c g g t c t a c g g a g a 3′
- his - val - asn - val - leu - thr - ile - ile - arg - pro - val - cys - ala - tyr - lys - thr - leu - asn - glu -
- thr -
- arg - glu - arg - ser - his - asn - tyr - ser - thr - ser - leu - arg - leu -
fMet - phe - tyr - gly - leu - arg - arg -
fMet - ile - val - leu - arg - ser - thr - glu - ile -
... p35 4.6 bits
p10 3.3 bits
... sd
... p35-(21)-p10 4529742 Gap 3.3 bits
... p35-p10 4529742 total 4.6 bits
... sd-(9)-ir 4529
... sd-ir 4529674
* *4529670 * *4529660 *
5′ t a g c t a t g t c a t t t t c t g t g c a g g a 3′
- fMet
- ala - met - ser - phe - ser - val - gln -


... sd [------------------------------------ ... NC_000913.sgcX
... ----------} sd-(9)-ir 4529674 Gap 2.3 bits
... ----------] sd-ir 4529674 sgcX yjhP- total 8.6 bits
ir sgcX_yjhP-