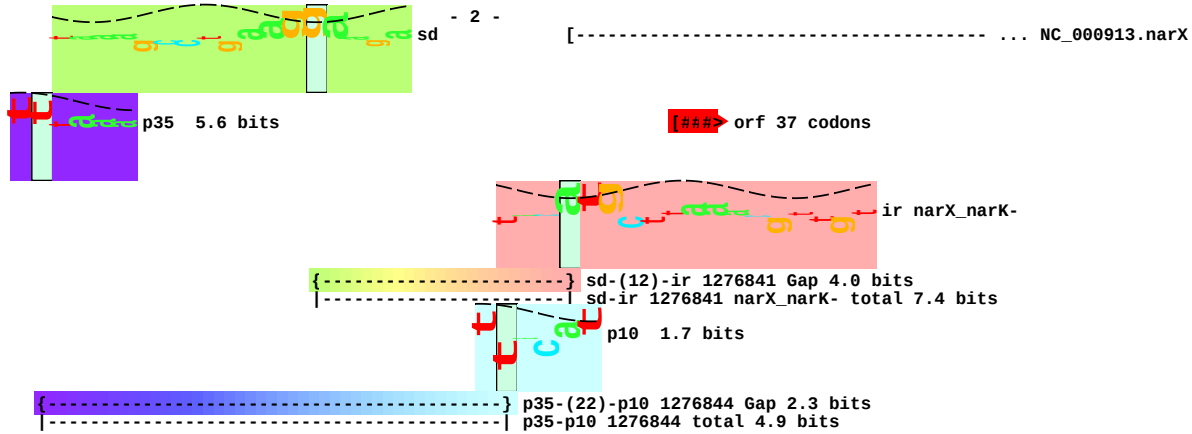
piece 1, NC_000913, narX_narK-, config: linear, direction: -, begin: 1277209, end: 1276822
*1277200 *1277190 *1277180 *1277170 *1277160 *1277150 *1277140 *1277130
5′ a g c c c t t t c g g g g g c g g a t g a g t g a c t c a t a g a c a c c t c t g a t a c t c g t t t c g a t g t c t g c a c c t t a g t g t c t g t a g c t a 3′
- ser - pro - phe - gly - gly - gly - -fMet - thr - his - arg - his - leu -
- ala - leu - ser - gly - ala - asp - glu -
- pro - phe - arg - gly - arg - met - ser - asp - ser -
-fMet - ser - ala - thr - leu - val - ser - val - ala - lys -
...] NC_000913.narK ... sd
*1277120 *1277110 *1277100 *1277090 *1277080 *1277070 *1277060 *1277050
5′ a a g g c a a t t t g a t g t a a a t c a a a c g a t a a g a t a a c t t t a t c t a t c a t t g a t a t t t a t c a t t a c c c a t a g t g a g t a c a g t g a 3′
-fMet - ile - phe - ile - ile - thr - his - ser - glu - tyr - ser - asp -
- gly - asn - leu - met -
-fMet - ser - thr - val - thr -
... sd [###> orf 2 codons p10 3.7 bits p35 3.3 bits ... ir
ir narX_narK-
sd
{---------- sd-(8)-ir 1277117 Gap 2.4 bits
|---------- sd-ir 1277117 narX_narK- total 8.3 bits
{---------- sd-(7)-ir 1277051 Gap 3.7 bit
|---------- sd-ir 1277051 narX_narK- tota
p35 4.7 bits
p10 4.4 bits
{---------- p35-(23)-p10 1277096 Gap 1.4 bits
|---------- p35-p10 1277096 total 6.9 bits
{---------- p35-(21)-p10 1277054 Gap 3.3 bits
|---------- p35-p10 1277054 total 4.4 bits
*1277040 *1277030 *1277020 *1277010 *1277000 *1276990 *1276980 *1276970
5′ c t t c a t a a a a a t t a t g a g a t t t t t t c a c g g t g c t g t a a a a t c c c t a c c c t t a c c g a t g t a a a g c g a c t a a c c a c a c g g c a a a 3′
-fMet -
- phe - ile - lys - ile - met - arg - phe - phe - thr - val - leu -
ser -
... ir narX_narK- p35 4.6 bits p10 7.6 bits ... sd
[###> orf 4 codons
p10 3.8 bits
p35 0.7 bits
{---------- p35-(24)-p10 1277012 Gap 2.4 bits
|---------- p35-p10 1277012 total 5.9 bits
{---------- p35-(23)-p10 1277003 Gap 1.4 bits
|---------- p35-p10 1277003 total 7.0 bits
*1276960 *1276950 *1276940 *1276930 *1276920 *1276910 *1276900 *1276890
5′ t a a g g a g t a a c t c t t t c c g g g t a t g g g t a t a c t t c a g c c a a t a g c c g a g a a t a c t g c c a t t c c a g a a t g t a t c g t c a c a t t 3′
-fMet - tyr - arg - his - ile -
-fMet - gly - ile - leu - gln - pro - ile - ala - glu - asn - thr - ala - ile - pro - glu - cys - ile - val - thr - phe -
... sd ir narX_narK-
{---------- sd-(18)-ir 1276944 Gap 6.9 bits
|---------- sd-ir 1276944 narX_narK- total 8.3 bits
*1276880 *1276870 *1276860 *1276850 *1276840 *1276830
5′ c a t t a a g g t t a t t g c t c a t t t a a a g c c t g a a g g a a g a g g t t t a c a t g c t t a a a c g t t g t c t c t c 3′
- his -
-fMet - leu - ile -
-ile - lys - val - ile - ala - his - leu - lys - pro - glu - gly - arg - gly - leu - his - ala -
-fMet - ser - leu -
-fMet - leu - lys - arg - cys - leu -


- 2 -
sd
[------------------------------------ ... NC_000913.narX
p35 5.6 bits
[###> orf 37 codons
ir narX_narK-
{----------------------} sd-(12)-ir 1276841 Gap 4.0 bits
|----------------------| sd-ir 1276841 narX_narK- total 7.4 bits
p10 1.7 bits
{--} p35-(22)-p10 1276844 Gap 2.3 bits
|--| p35-p10 1276844 total 4.9 bits