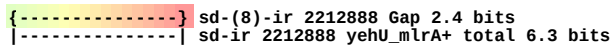
piece 1, NC_000913, yehU_mlrA+, config: linear, direction: +, begin: 2212637, end: 2212907
*2212640 *2212650 *2212660 *2212670 *2212680 *2212690 *2212700 *2212710 *
5′ c a g c a g c a a c a c c a g a t t a a a a t c g t a c a t a c c c g c a a a c c a c a c t t c c c t t t a a a a c g c g t a a c a t a c a t t g c c t g c g t t 3′
- gln - gln - gln - his - gln - ile - lys - ile - val - his - thr - arg - lys - pro - his - phe - pro - leu - lys - arg - val - thr - tyr - ile - ala - cys - val -
- ser - ser - asn - thr - arg - leu - lys - ser - tyr - ile - pro - ala - asn - his - thr - ser - leu - -fMet - pro - ala - phe -
- ala - ala - thr - pro - asp -
... ----------] NC_000913.yehU
p35 6.2 bits
{---------- ... p35-(23)-p10 22127
|---------- ... p35-p10 2212731 to
... p35
*2212720 *2212730 *2212740 *2212750 *2212760 *2212770 *2212780 *2212790 *
5′ t a a c t t t c t t t g a a c t c t t g c a g a a a a a t g a g a a t t c g t g a g t a c g a t c a c t c a a a a t c g c c t g g c a a a a a t a a a a t c a c c 3′
- -fMet - asn - ser - cys - arg - lys - met - arg - ile - arg - glu - tyr - asp - his - ser - lys - ser - pro - gly - lys - asn - lys - ile - thr -
- asn - phe - leu - -fMet - ser - thr - ile - thr - gln - asn - arg - leu - ala - lys - ile - lys - ser - pro -
-fMet - gln - lys - asn - glu - asn - ser -
p10 0.7 bits
ir yehU_mlrA+
... ----------} p35-(23)-p10 2212731 Gap 1.4 bits
p10 5.0 bits
... ----------| p35-p10 2212731 total 5.5 bits{----------} sd-(8)-ir 2212755 Gap 2.4 bits
... p35 2.8 bits
sd
|----------| sd-ir 2212755 yehU_mlrA+ total 8.1 bits
p10 3.8 bits
{----------} p35-(24)-p10 2212742 Gap 2.4 bits
|----------| p35-p10 2212742 total 4.2 bits
p35 5.2 bits
{----------} p35-(25)-p10 2212761 Gap 4.0 bits
|----------| p35-p10 2212761 total 6.2 bits
*2212800 *2212810 *2212820 *2212830 *2212840 *2212850 *2212860 *2212870 *
5′ c t a t a g a t g c a c a a a a a a c g g g c a a a a c t a c c t g g t t c g c a a a a c t g c g t c t a a a g t t a a a c c g g g a c c t c g c g a g c a a g g 3′
- leu - -fMet - his - lys - lys - arg - ala - lys - leu - pro - gly - ser - gln - asn - cys - val -
- tyr - arg - cys - thr - lys - asn - gly - gln - asn - tyr - leu - val - arg - lys - thr - ala - ser - lys - val - lys - pro - gly - pro - arg - glu - gln - gly -
... sd
*2212880 *2212890 *2212900 *
5′ g t g a g a c g a t g g c g c t t t a c a c a a t t g g 3′
-fMet - arg - arg - trp - arg - phe - thr - gln - leu -
-fMet - ala - leu - tyr - thr - ile -
... sd [---------- ... NC_000913.mlrA
[###> orf 43 codons
ir yehU_mlrA+


{----------} sd-(8)-ir 2212888 Gap 2.4 bits
|----------| sd-ir 2212888 yehU_mlrA+ total 6.3 bits