piece 1, NC_000913, ybdK_hokE+, config: linear, direction: +, begin: 606577, end: 607078
*606580 *606590 *606600 *606610 *606620 *606630 *606640 *606650
5′ t t c a g a a a c a t g a a a a t c g g g t a a t g g c a t a g g t t t c t c t t a t g t t g g c g t t t t c t a t t c a g t a t a g a a g t c g g a g c g g c t 3′
- phe - arg - asn - met - lys - ile - gly -
- ser - glu - thr -
- gln - lys - his - glu - asn - arg - val - met - ala -
-fMet - leu - ala - phe - ser - ile - gln - tyr - arg - ser - arg - ser - gly - trp -
...] NC_000913.ybdK
*606660 *606670 *606680 *606690 *606700 *606710 *606720 *606730
5′ g g g c g a g a t g c g g a a g t t c t g g a a t g t t t c t t t t t t t g g t g a t g g t g a a c t g a t g g t g c c t g a a g c a a t t t g g c t a c t t t 3′
-fMet - val - met - val - asn -
-fMet - arg - lys - phe - trp - asn - val - ser - phe - phe - trp -
-fMet - ala - thr - phe -
- ala - arg - cys - gly - ser - ser - gly - met - phe - leu - phe - phe - gly - asp - gly - glu - leu - met - val - pro - glu - ala - ile - trp - leu - leu - leu -
ir ybdK_hokE+
... sd
sd
ir ybdK_hokE+
{ sd-(8)-ir 606711 Gap 2.4 bits
| sd-ir 606711 ybdK_hokE+ total 6.0 bits
{ sd-(11)-ir 606714 Gap 3.0 bits
| sd-ir 606714 ybdK_hokE+ total 6.7 bits
*606740 *606750 *606760 *606770 *606780 *606790 *606800 *606810
5′ t g c a a t g t g a c a a g t t a t g g c a g t g c t g a c t g g t g g c g a a g a a t t t t g a c g a t t g a g t c a t g c a g a a a a a a a c g g g t t c a g 3′
-fMet - thr - ser - tyr - gly - ser - ala - asp - trp - trp - arg - arg - ile - leu - thr - ile - glu - ser - cys - arg - lys - lys - arg - val - gln -
- ala - met -
-fMet - ala - val - leu - thr - gly - gly - glu - glu - phe -
-fMet - ser - his - ala - glu - lys - asn - gly - phe - ser -
- gln - cys - asp - lys - leu - trp - gln - cys -
-fMet - ala - lys - asn - phe - asp - asp -
-fMet - gln - lys - lys - thr - gly - ser - ala -
... sd
[###> orf 19 codons
[###> orf 11 codons
ir ybdK_hokE+
ir ybdK_hokE+
sd
{ sd-(10)-ir 606755 Gap 2.7 bits
| sd-ir 606755 ybdK_hokE+ total 6.6 bits
{ sd-(9)-ir 606798 Gap 2.3 bits
| sd-ir 606798 ybdK_hokE+ total 7.8 bits
*606820 *606830 *606840 *606850 *606860 *606870 *606880 *606890 *606900
5′ c t t c a g t t g a t t a a a t g a g g a g t g a g a a g t c c g a a a c a g g a c t c a c t g t a t a a a t a a a c a g c t a t t t t g t t g a g g a a g g g t 3′
- leu - gln - leu - ile - lys -
-fMet - arg - ser - pro - lys - gln - asp - ser - leu - tyr - lys -
-fMet - leu - arg - lys - gly -
- phe - ser -
- ser - val - asp -
-fMet - arg - ser - glu - lys - ser - glu - thr - gly - leu - thr - val -
[###> orf 12 codons
*606910 *606920 *606930 *606940 *606950 *606960 *606970 *606980
5′ a a g a t a a c g g c g g g t g c c t g a a g c t t t c c g g t t t c a g g t t t a c t c t g a g g t c t g g a a a g a t g a a g c c c c a g g a g a t a t t t c 3′
- lys - ile - thr - ala - gly - ala -
-fMet - pro - glu - ala - phe - arg - phe - gln - val - tyr - ser - glu - val - trp - lys - asp - glu - ala - pro - gly - asp - ile - ser -
-fMet - lys - pro - gln - glu - ile - phe - leu -
sd
ir ybdK_hokE+
{ sd-(10)-ir 606960 Gap 2.7 bits
| sd-ir 606960 ybdK_hokE+ total 6.0 bits
*606990 *607000 *607010 *607020 *607030 *607040 *607050 *607060
5′ t a t c a a c c c t g g g g c t g c c a c t c c a a a c c c g a a c a a t t t g g a t g g t a g t c c c t t c t t c g c a t g g a g g c a a t a t a a a c a t g c 3′
-fMet - glu - ala - ile -
- ile - asn - pro - gly - ala - ala - thr - pro - asn - pro - asn - asn - leu - asp - gly - ser - pro - phe - phe - ala - trp - arg - gln - tyr - lys - his - ala -
- ser - thr - leu - gly - leu - pro - leu - gln - thr - arg - thr - ile - trp - met - val - val - pro - ser - ser - his - gly - gly - asn - ile - asn - met - leu -
sd
[------- ... NC_000913.hokE
... ir

{---------- sd-(11)-ir 607059 Gap 3.0
|---------- sd-ir 607059 ybdK_hokE+ t
*
*607070
*
5’ t g a c g a a a t a t g c c c t 3’
- -
-fMet - pro -
- asp - glu - ile - cys - pro -
- thr - lys - tyr - ala -
... ... NC_000913.hokE
... ir ybdK_hokE+