

- 1 -
piece 1, NC_000913, kbl_htrL+, config: linear, direction: +, begin: 3790545, end: 3790868

*3790550 *3790560 *3790570 *3790580 *3790590 *3790600 *3790610 *3790620 *
5' ggttaactgctgataaaaattctccacgcatctgcatctctccagacagggcacaattccagcacaatattaccacaaacttatag 3'
gly
val - asn - cys - leu - thr - ala - asp - lys - ile - leu - his - ala - leu - arg - phe - ser - arg - gln - gly - lys - phe - gln - his - ile - leu - pro - lys - leu - ile - gly

*3790630 *3790640 *3790650 *3790660 *3790670 *3790680 *3790690 *3790700 *
5' gtcgagacgagataaacgcgcttaacactctctgcaaaaattcaggataaataaacgtgttaacttgatgtctctctcaaacacctacag 3'
-fMet -
arg - asp - glu - ile - thr - arg - fMet - met - ser - leu - asn - thr - tyr - arg



[###] orf 2 codons
sd-(10)-ir 3790677 Gap 2.7 bits
sd-ir 3790677 kbl htrL+ total 10.1 bits

p35 4.7 bits

... p35-(22)-p10 3790707 Gap
... p35-p10 3790707 total 4.2

*3790710 *3790720 *3790730 *3790740 *3790750 *3790760 *3790770 *3790780 *
5' atagtagaaaaactgtacagttttggctgggcataaatgatttgattttactctgcattgatataaaaaagaaaaaattgatg 3'
-fMet - ala - gly - his - asn - asp - asp - fMet - met - ile - asp - phe - thr - ala - leu - ile - fMet - met - pro -

... p10 1.8 bits

p35 5.7 bits



... } p35-(22)-p10 3790707 Gap 2.3 bits

... | p35-p10 3790707 total 4.2 bits

sd-(6)-ir 3790781 Gap 4.3 bits
sd-ir 3790781 kbl_htrL+ total 10.2 bits
sd-(9)-ir 3790784 Gap 2.3 bits
sd-ir 3790784 kbl_htrL+ total 13.6 bits

p10 3.8 bits

p35-(23)-p10 3790778 Gap 1.4 bits
p35-p10 3790778 total 8.0 bits

p10 2.7 bits

p35-(26)-p10 3790781 Gap 3.7 bits
p35-p10 3790781 total 4.6 bits

*3790790 *3790800 *3790810 *3790820 *3790830 *3790840 *3790850 *3790860 *
5' caaagcatcatttttctctatctcagttgggtatcaaaaacgctaccactaattggaggggaacacctattttcttgaaaggaaa 3'
-fMet - val - ser - lys - arg - tyr - pro - leu - met - glu - gly - asn - leu - phe - ser - fMet - lys - gly - lys

... ir kbl_htrL+

[###] orf 19 codons

<----- NC_000913.htrL

... ir kbl_htrL+