piece 1, NC_000913, ybbD_ylbI+, config: linear, direction: +, begin: 528095, end: 528740

*528420 *528430 *528440 *528450 *528460 *528470 *528480 *528490
5' t c c t g a c t g a g a a a a g a c a t g t c g g c t a t t g t g t a a a g c c a t a t a g c t c a g a c g a t g a a t a t c t a c t c g t a t t c a g t t g t t 3'
-fMet - ser - ala - ile - val - -fMet - asn - ile - tyr - ser - tyr - ser - val - val -
- pro - asp - -fMet - cys - lys - ala - ile - -fMet - phe -
sd
ir ybbD_ylbI+
[###> orf 6 codons
{----------} sd-(10)-ir 528437 Gap 2.7 bits
|----------| sd-ir 528437 ybbD_ylbI+ total 5.3 bits
*528500 *528510 *528520 *528530 *528540 *528550 *528560 *528570 *528580
5' t a t t g a g g g t g a g t t c c g a c c c t g a a a c a a c a a a t a a a a t g a a c a g t c a g a g a g t t t a c a t a g a a t t g c a c t g g t c t t t t a 3'
- tyr - - ile - glu - gly - glu - phe - arg - pro - -fMet - arg - val - ser - ser - asp - pro - glu - thr - thr - asn - lys - met - asn - ser - gln - arg - val - tyr - ile - glu - leu - his - trp - ser - phe - thr -
p35 1.9 bits
p10 6.6 bits
... p10
{----------} p35-(22)-p10 528561 Gap 2.3 bits
{----- ... p35-(26)-p10 5
|----------| p35-p10 528561 total 6.1 bits
... p35
p35 5.5 bits
|----- ... p35-p10 528604
{----------} p35-(25)-p10 528580
|----------| p35-p10 528580 tota
*528590 *528600 *528610 *528620 *528630 *528640 *528650 *528660
5' c g a t a t c t g a c a t t g t g t a a t a c a t a t t c a g c c a t g c a t t a a t t a a a a t g t t a c g t g t t t a a t g t g a g t c c c t a t c t g a a a 3'
-fMet - cys - asn - thr - tyr - ser - ala - met - his - -fMet - phe - asn - val - ser - pro - tyr - leu - lys -
-fMet - -fMet - -fMet - leu - arg - val -
- ile - ser - asp - ile - val -
p10 5.0 bits
p10 3.6 bits
p35 2.6 bits
p10 4.5 bits
... p35
{----------} p35-(26)-p10 528604 Gap 3.7 bits
p10 3.8 bits
{------- ... p35-(24)-p10 5
p35 4.6 bits
p35 3.1 bits
|------- ... p35-p10 528682
|----------| p35-p10 528604 total 4.6 bits
{----------} p35-(24)-p10 528639 Gap 2.4 bits
|----------| p35-p10 528639 total 5.1 bits
{----------} p35-(22)-p10 528641 Gap 2.3 bits
|----------| p35-p10 528641 total 4.0 bits
*528670 *528680 *528690 *528700 *528710 *528720 *528730 *528740
5' a t a a a t a a t c c t t c c g g a t t a a a a t a a a t t c t t g c c g g g a a a g a a a g a g g a a a t a a a c c a t t a g c g g a a a a c c a g c g g c 3'
- ile - asn - asn - pro - ser - gly - leu - lys - -fMet - pro - gly - lys - lys - glu - glu - ile - asn - his -
fMet
p35 0.6 bits
p10 7.6 bits
p10 2.2 bits
{----------} p35-(24)-p10 528682 Gap 2.4 bits
|----------| p35-p10 528682 total 5.7 bits
p35 5.2 bits

p35-(22)-p10 528716 Gap 2.3 bits
p35-p10 528716 total 5.0 bits