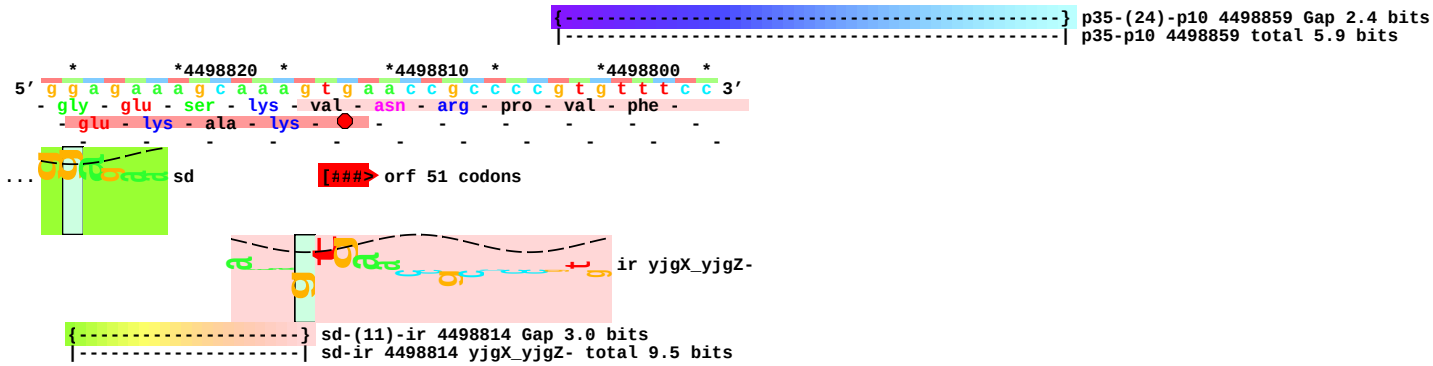
piece 1, NC_000913, yjgX_yjgZ-, config: linear, direction: -, begin: 4499312, end: 4498795

*4499310 *4499300 *4499290 *4499280 *4499270 *4499260 *4499250 *4499240 *
5′ a a g g a c a a g a a a c g g t c c a g g a g g t a a c a a a a g g g c t g a a t c t c t c c c t g a a a c g a c t t c t t c a g g a a g t c a a c g g g t t a t 3′
- lys - asp - lys - lys - arg - ser - arg - arg -
- arg - thr - arg - ser - gly - pro - gly - gly - asn - lys - arg - ala - glu - ser - leu - pro - glu - thr - thr - ser - ser - gly - ser - gln - arg - val - met -
- gly - gln - glu - ala - val - gln - glu - val - thr - lys - gly - leu - asn - leu - ser - leu - lys - arg - leu - leu - gln - glu - val - asn - gly - leu - cys -
... ----------] NC_000913.yjgZ
sd
... ir
{----------} sd-(14)-ir 4499233 Gap 4.
|----------| sd-ir 4499233 yjgX_yjgZ-
*4499230 *4499220 *4499210 *4499200 *4499190 *4499180 *4499170 *4499160 *
5′ g c g g g c c g t a a c g t g a g t g a a c a c t g a g c a g c c a t c g a a a t g c c g t c g a g g g t g c t g a c a c g c c a c a a t a a c g g g g a a g g c 3′
- - - - -fMet - ser - glu - his - - - - - -fMet - pro - ser - arg - val - leu - thr - arg - his - asn - asn - gly - glu - gly -
- arg - ala - val - thr - -fMet - asn - thr - glu - gln - pro - ser - lys - cys - arg - arg - gly - cys - - - - - - - - - - - - - - -
- gly - pro -
... ir yjgX_yjgZ-
sd
[###> orf 6 codons
{---------- ... sd-(11)-ir 4499145
|---------- ... sd-ir 4499145 yjgX
*4499150 *4499140 *4499130 *4499120 *4499110 *4499100 *4499090 *4499080 *4499070
5′ c g a c g a t g a c c g g g a a g a g a g t g a g a a a g g c a t c g g t c a t a c c c a c c g g g g t t g t g g t g t c a g c a t g c a t a a c a a t t g a t c 3′
- arg - arg - - - - - - - - - - - - - - - - - - -


{----------} p35-(24)-p10 4498859 Gap 2.4 bits
|----------| p35-p10 4498859 total 5.9 bits
* *4498820 * *4498810 * *4498800 *
5′ g g a g a a a g c a a a g t g a a c c g c c c c g t g t t t c c 3′
- gly - glu - ser - lys - val - asn - arg - pro - val - phe -
- glu - lys - ala - lys -
sd
orf 51 codons
ir yjgX_yjgZ-
{----------} sd-(11)-ir 4498814 Gap 3.0 bits
|----------| sd-ir 4498814 yjgX_yjgZ- total 9.5 bits