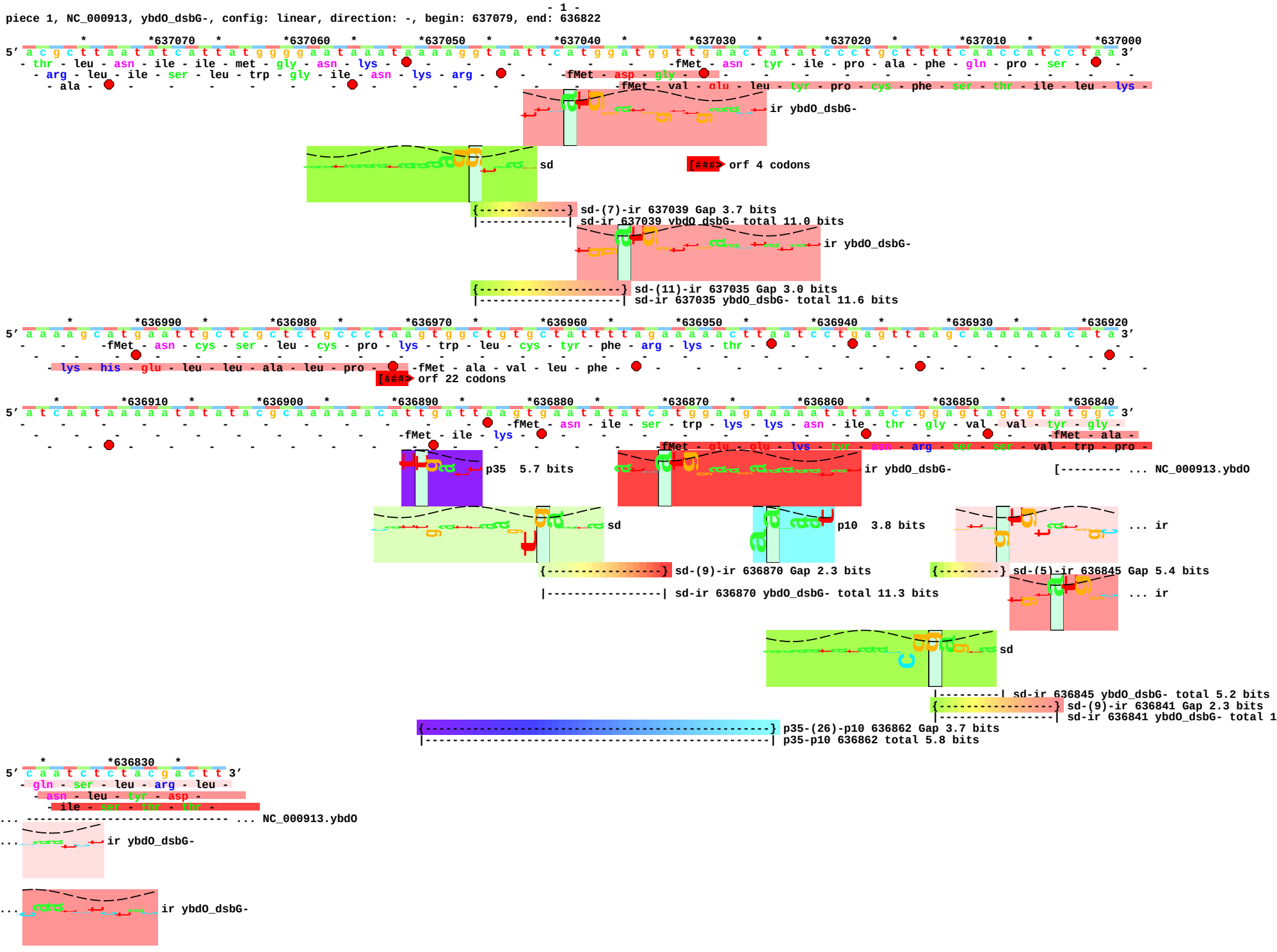
- 1 -
piece 1, NC_000913, ybdO_dsbG-, config: linear, direction: -, begin: 637079, end: 636822
*637070 *637060 *637050 *637040 *637030 *637020 *637010 *637000
5′ a c g c t t a a t a t c a t t a t g g g g a a t a a a t a a a a g g t a a t t c a t g g a t g g t t g a a c t a t a t c c c t g c t t t t c a a c c a t c c t a a 3′
- thr - leu - asn - ile - ile - met - gly - asn - lys -
- arg - leu - ile - ser - leu - trp - gly - ile - asn - lys - arg -
- ala -
-fMet - asn - tyr - ile - pro - ala - phe - gln - pro - ser -
-fMet - asp - gly -
-fMet - val - glu - leu - tyr - pro - cys - phe - ser - thr - ile - leu - lys -
ir ybdO_dsbG-
sd
[###> orf 4 codons
{----------} sd-(7)-ir 637039 Gap 3.7 bits
|----------| sd-ir 637039 ybdO_dsbG- total 11.0 bits
ir ybdO_dsbG-
{--------------------} sd-(11)-ir 637035 Gap 3.0 bits
|--------------------| sd-ir 637035 ybdO_dsbG- total 11.6 bits
*636990 *636980 *636970 *636960 *636950 *636940 *636930 *636920
5′ a a a a g c a t g a a t t g c t c g c t c t g c c c t a a g t g g c t g t g c t a t t t t a g a a a a a c t t a a t c c t g a g t t a a g c a a a a a a a c a t a 3′
-fMet - asn - cys - ser - leu - cys - pro - lys - trp - leu - cys - tyr - phe - arg - lys - thr -
- lys - his - glu - leu - leu - ala - leu - pro -
-fMet - ala - val - leu - phe -
[###> orf 22 codons
*636910 *636900 *636890 *636880 *636870 *636860 *636850 *636840
5′ a t c a a t a a a a a t a t a t a c g c a a a a a a a c a t t g a t t a a g t g a a t a t a t c a t g g a a g a a a a a a t a t a a c c g g a g t a g t g t a t g g c 3′
-fMet - asn - ile - ser - trp - lys - lys - asn - ile - thr - gly - val - val - tyr - gly -
-fMet - ile - lys -
-fMet - glu - glu - lys - tyr - asn - arg - ser - ser - val - trp - pro -
-fMet - ala -
p35 5.7 bits
ir ybdO_dsbG-
[--------- ... NC_000913.ybdO
sd
p10 3.8 bits
... ir
{----------} sd-(9)-ir 636870 Gap 2.3 bits
|----------| sd-ir 636870 ybdO_dsbG- total 11.3 bits
{---------} sd-(5)-ir 636845 Gap 5.4 bits
... ir
sd
|---------| sd-ir 636845 ybdO_dsbG- total 5.2 bits
{----------} sd-(9)-ir 636841 Gap 2.3 bits
|----------| sd-ir 636841 ybdO_dsbG- total 1
{--} p35-(26)-p10 636862 Gap 3.7 bits
|--| p35-p10 636862 total 5.8 bits
*636830
5′ c a a t c t c t a c g a c t t 3′
- gln - ser - leu - arg - leu -
- asn - leu - tyr - asp -
- ile - ser - thr - thr -
... ... NC_000913.ybdO
... ir ybdO_dsbG-
... ir ybdO_dsbG-