

piece 1, NC_000913, ybdR_rnk-, config: linear, direction: -, begin: 642809, end: 642530

5' **ccagaaagctgctggcgactaacctgcttttaaccacatctggcacaagcgataaactcgccttggcccaaggagatgcaactcgcatac** 3'

- pro - glu - ala - ala - gly - asp - tyr - leu - leu - **Met** - pro - arg - gly - cys - thr - arg - ile -

- **gln** - lys - leu - leu - ala - thr - thr - cys - phe - **asn** - pro - ile - cys - thr - ser - asp - **asn** - ser - leu - cys - pro - glu - asp - ala - leu - ala - ser -

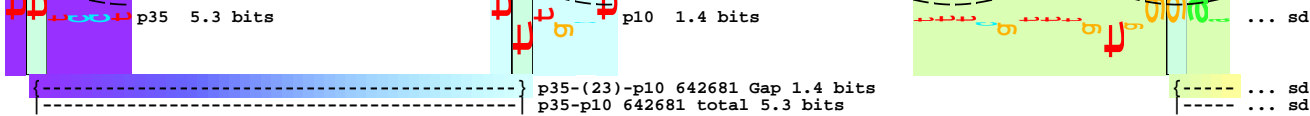
- arg - ser - cys - trp - arg - leu - pro - ala - leu - ile - pro - ser - ala - **gln** - ala - ile - thr - arg - phe - ala - **gln** - arg - met - his - ser - his - pro -

5' **ctcttttaacgcaaaatcagcaaatcttctcctgggttctcactgtttcacttttggctgcaaaattattcgcgttttcggtttctgggaa** 3'

- leu - phe - thr - **gln** - **asn** - **gln** - **gln** - phe - phe - leu - val - leu - thr - val - his - phe - cys - cys - lys - ile - ile - pro - phe - arg - leu - trp - glu -

- ser - leu - arg - lys - ile - ser - **asn** - phe - ser - trp - phe - ser - leu - phe - thr - phe - ala - ala - lys - leu - phe - arg - phe - val - cys - gly - **asn** -

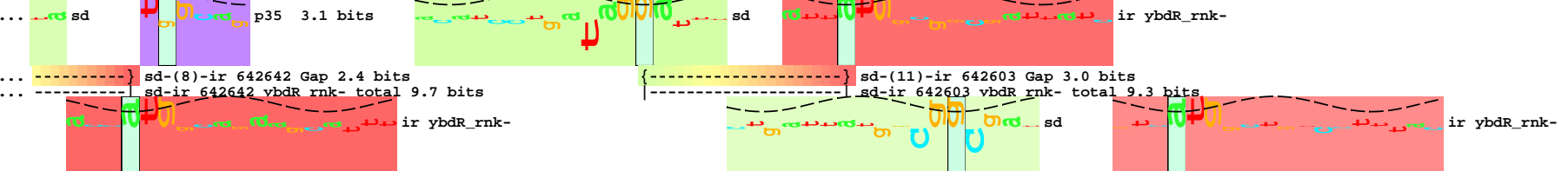
- leu - tyr - ala - lys - ser - ala - ile - phe - pro - gly - ser - his - cys - ser - leu - leu - leu - **gln** - **asn** - tyr - ser - val - ser - phe - val - gly - ile -



5' **taaccatggcagaaagcatttttacatccttgataggatttcttgattatggcggcgattatcgtcattggctgttcctttacctcg** 3'

- **asn** - his - gly - arg - ser - ile - leu - his - pro - asp - arg - ile - ser - asp - tyr - gly - gly - asp - tyr - arg - his - gly - cys - pro - leu - pro - arg -

- thr - met - ala - glu - ala - phe - **tyr** - ile - leu - ile - **tyr** - phe - leu - ile - met - ala - ala - ile - ile - val - met - ala - val - leu - **tyr** - leu - glu -



... sd p35 3.1 bits sd-11-ir 642603 Gap 3.0 bits sd-ir 642603 ybdR_rnk- total 9.3 bits ir ybdR_rnk-

sd-(8)-ir 642642 Gap 2.4 bits sd-ir 642642 ybdR_rnk- total 9.7 bits sd-ir 642603 ybdR_rnk- total 9.3 bits ir ybdR_rnk-

p10 4.6 bits sd-(12)-ir 642585 Gap 4.0 bits

p35-(24)-p10 642616 Gap 2.4 bits sd-ir 642585 ybdR_rnk- total 5.4 bits

p35-p10 642616 total 5.3 bits

p35 5.5 bits p10 3.0 bits

p35-(22)-p10 642606 Gap 2.3 bits

p35-p10 642606 total 6.2 bits

5' **aaaaaacactcctgacgatcatttggttcccccggca** 3'

- lys - pro - leu - leu - thr - ile - ile - leu - phe - pro - pro - ala -

- **asn** - his - ser -

<-----> orf 30 codons ... NC_000913.ybdR