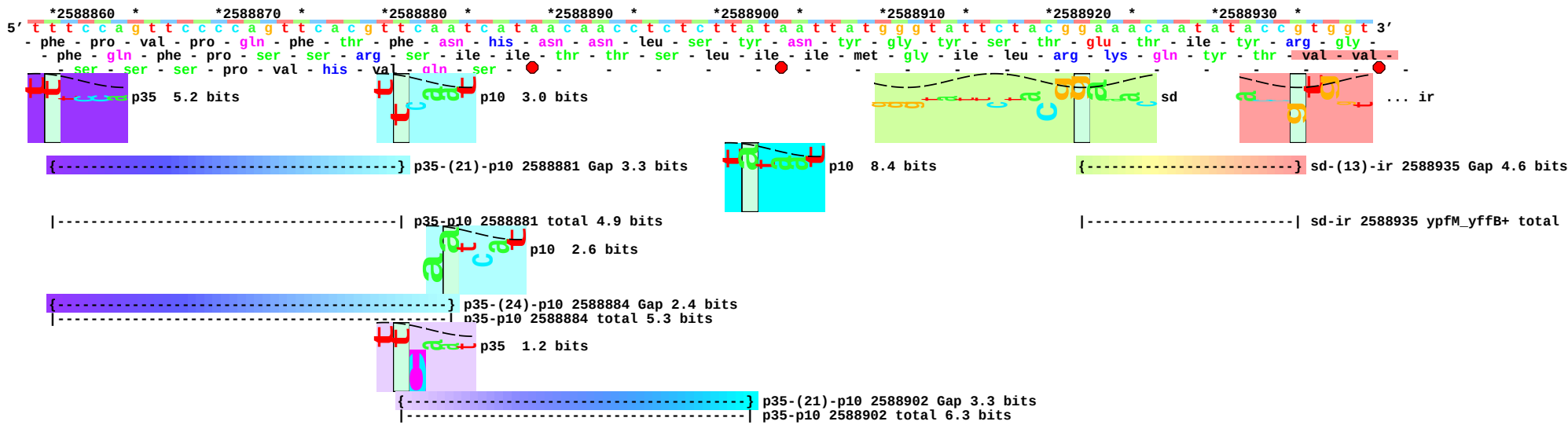
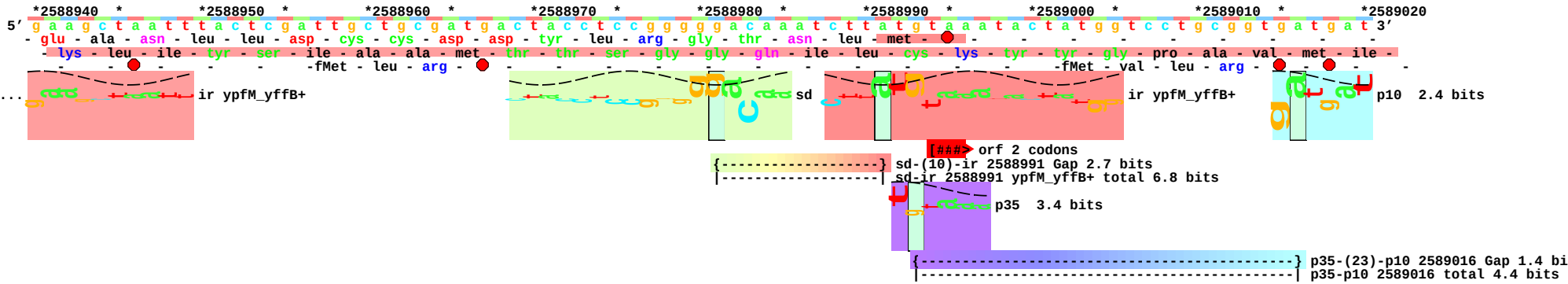
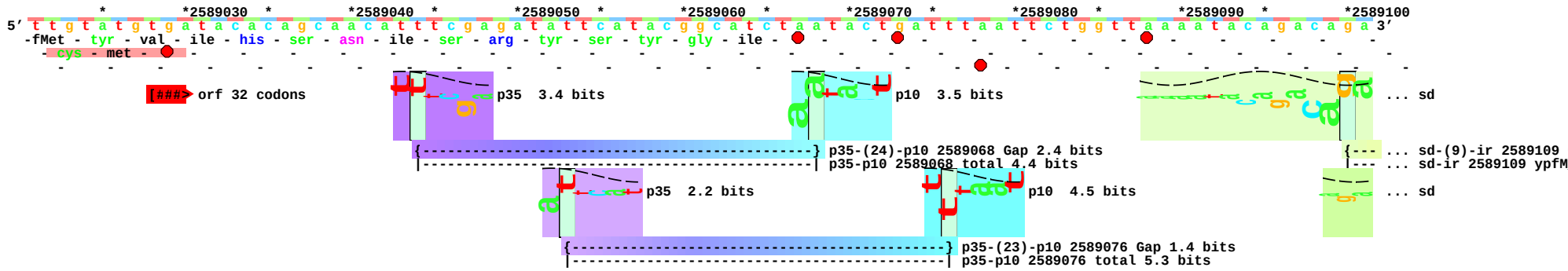
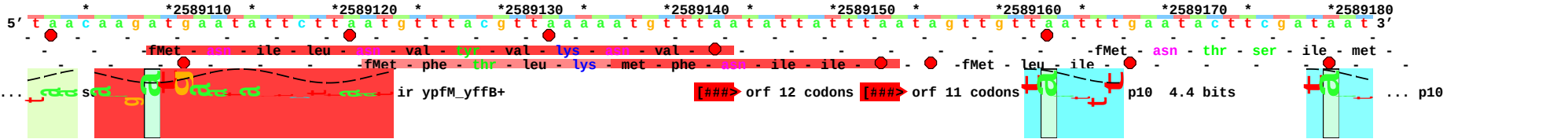
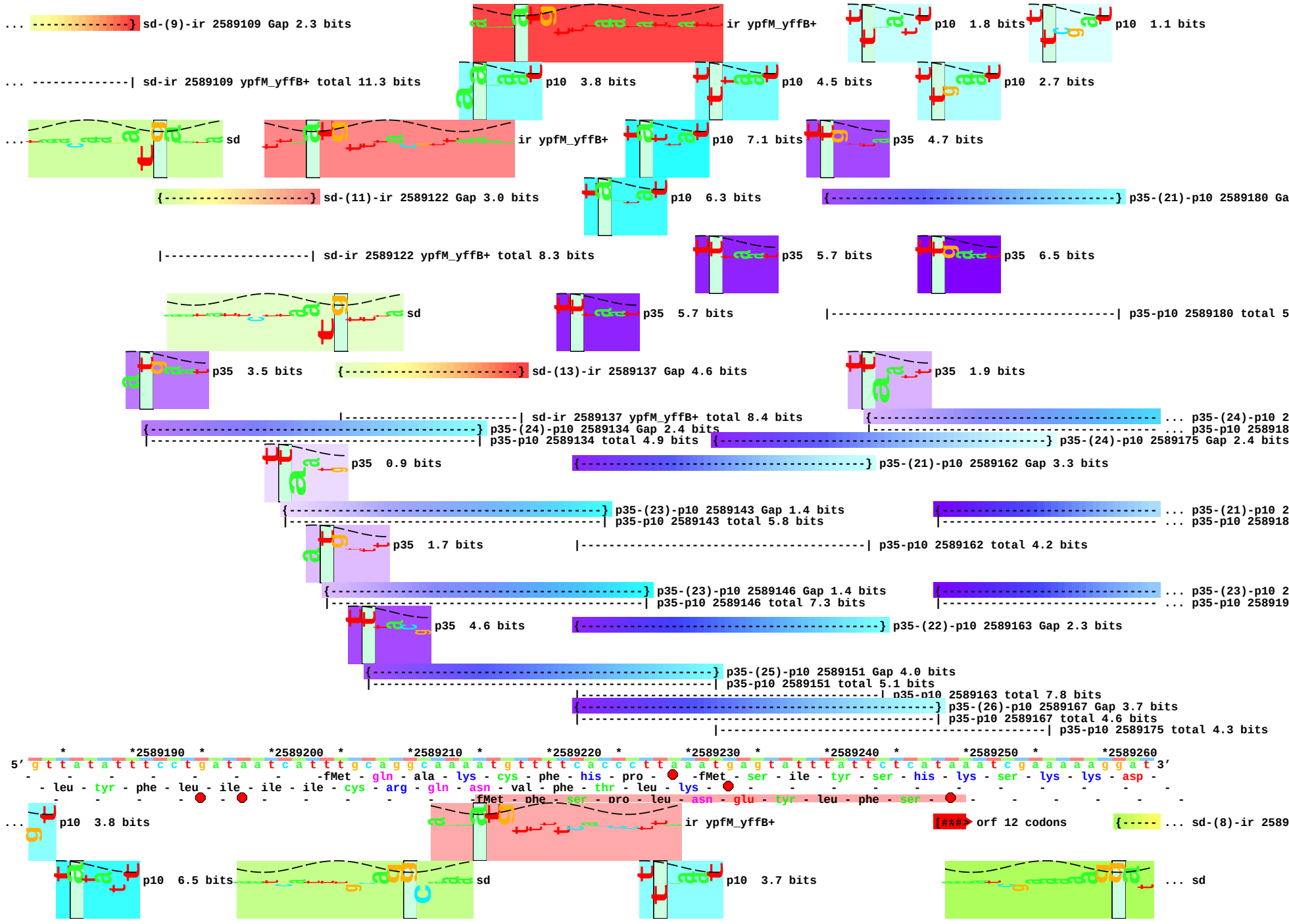
piece 1, NC_000913, ypfM_yffB+, config: linear, direction: +, begin: 2588859, end: 2589288

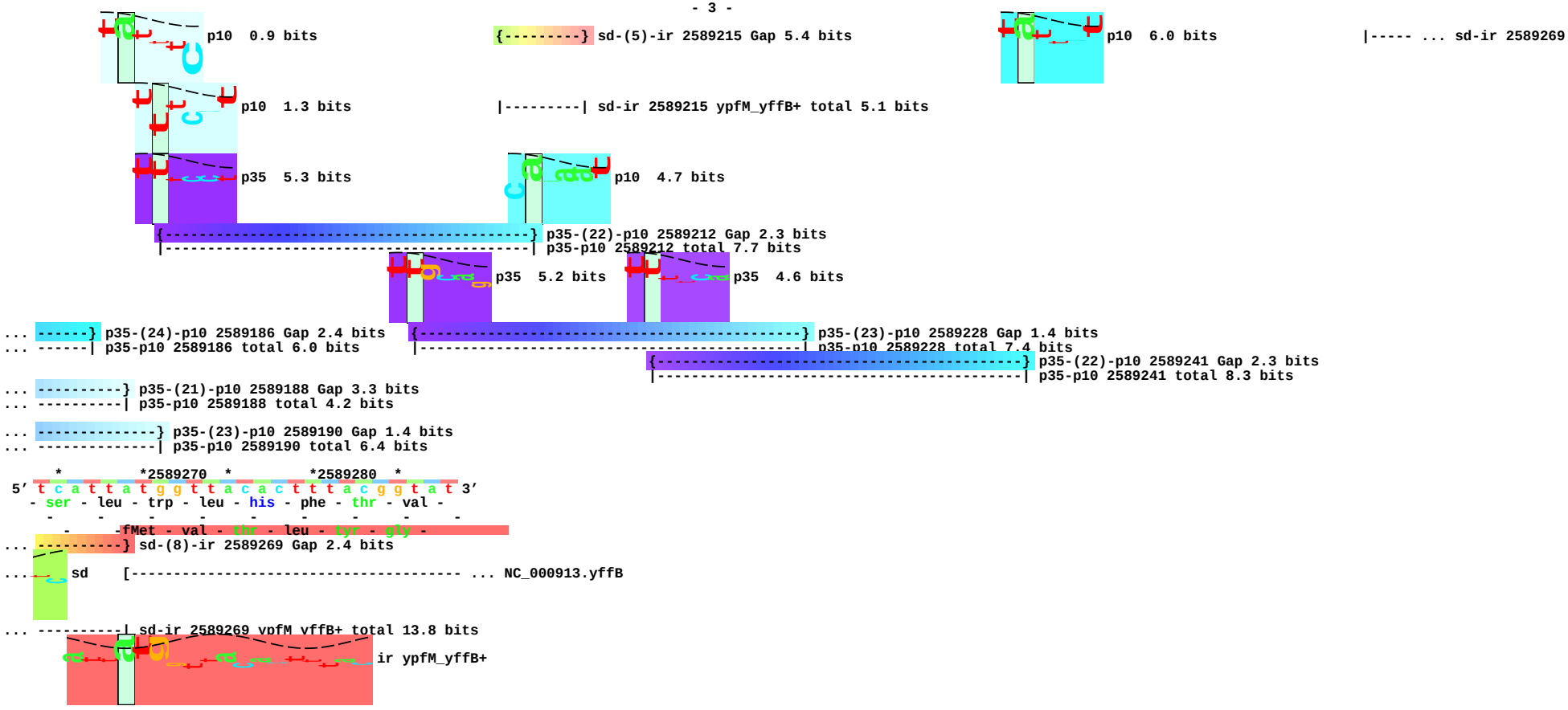









... sd-(9)-ir 2589109 Gap 2.3 bits
ir ypfM_yffB+
p10 1.8 bits
p10 1.1 bits
... | sd-ir 2589109 ypfM_yffB+ total 11.3 bits
p10 3.8 bits
p10 4.5 bits
p10 2.7 bits
... sd
ir ypfM_yffB+
p10 7.1 bits
p35 4.7 bits
sd-(11)-ir 2589122 Gap 3.0 bits
p10 6.3 bits
p35-(21)-p10 2589180 Ga
| sd-ir 2589122 ypfM_yffB+ total 8.3 bits
p35 5.7 bits
p35 6.5 bits
sd
p35 5.7 bits
| p35-p10 2589180 total 5
p35 3.5 bits
sd-(13)-ir 2589137 Gap 4.6 bits
p35 1.9 bits
| sd-ir 2589137 ypfM_yffB+ total 8.4 bits
... p35-(24)-p10 2
p35-(24)-p10 2589134 Gap 2.4 bits
... p35-p10 258918
| p35-p10 2589134 total 4.9 bits
p35-(24)-p10 2589175 Gap 2.4 bits
p35 0.9 bits
p35-(21)-p10 2589162 Gap 3.3 bits
p35-(23)-p10 2589143 Gap 1.4 bits
... p35-(21)-p10 2
| p35-p10 2589143 total 5.8 bits
... p35-p10 258918
p35 1.7 bits
| p35-p10 2589162 total 4.2 bits
p35-(23)-p10 2589146 Gap 1.4 bits
... p35-(23)-p10 2
| p35-p10 2589146 total 7.3 bits
... p35-p10 258919
p35 4.6 bits
p35-(22)-p10 2589163 Gap 2.3 bits
p35-(25)-p10 2589151 Gap 4.0 bits
| p35-p10 2589151 total 5.1 bits
| p35-p10 2589163 total 7.8 bits
p35-(26)-p10 2589167 Gap 3.7 bits
| p35-p10 2589167 total 4.6 bits
| p35-p10 2589175 total 4.3 bits
*2589190
*2589200
*2589210
*2589220
*2589230
*2589240
*2589250
*2589260
5′ g t t a t a t t t c c t g a t a a t c a t t t g c a g g c a a a a t g t t t t c a c c c t t a a a t g a g t a t t t a t t c t c a t a a a t c g a a a a a g g a t 3′
-fMet - gln - ala - lys - cys - phe - his - pro -
-fMet - ser - ile - tyr - ser - his - lys - ser - lys - lys - asp -
leu - tyr - phe - leu - ile - ile - ile - cys - arg - gln - asn - val - phe - thr - leu - lys -
-fMet - phe - ser - pro - leu - asn - glu - tyr - leu - phe - ser -
... p10 3.8 bits
ir ypfM_yffB+
[###> orf 12 codons
{----- ... sd-(8)-ir 2589
p10 6.5 bits
sd
p10 3.7 bits
... sd


p10 0.9 bits
{---------} sd-(5)-ir 2589215 Gap 5.4 bits
p10 6.0 bits
|----- ... sd-ir 2589269
p10 1.3 bits
|---------| sd-ir 2589215 ypfM_yffB+ total 5.1 bits
p35 5.3 bits
p10 4.7 bits
{----------} p35-(22)-p10 2589212 Gap 2.3 bits
|----------| p35-p10 2589212 total 7.7 bits
p35 5.2 bits
p35 4.6 bits
... ------} p35-(24)-p10 2589186 Gap 2.4 bits
... ------| p35-p10 2589186 total 6.0 bits
{----------} p35-(23)-p10 2589228 Gap 1.4 bits
|----------| p35-p10 2589228 total 7.4 bits
{----------} p35-(22)-p10 2589241 Gap 2.3 bits
|----------| p35-p10 2589241 total 8.3 bits
... ----------} p35-(21)-p10 2589188 Gap 3.3 bits
... ----------| p35-p10 2589188 total 4.2 bits
... --------------} p35-(23)-p10 2589190 Gap 1.4 bits
... --------------| p35-p10 2589190 total 6.4 bits
* *2589270 * *2589280 *
5′ t c a t t a t g g t t a c a c t t t a c g g t a t 3′
- ser - leu - trp - leu - his - phe - thr - val -
- fMet - val - thr - leu - tyr - gly -
... ----------} sd-(8)-ir 2589269 Gap 2.4 bits
... sd [---------- ... NC_000913.yffB
... ----------| sd-ir 2589269 ypfM_yffB+ total 13.8 bits
ir ypfM_yffB+