

piece 1, NC_000913, sfmA_sfmc+, config: linear, direction: +, begin: 557948, end: 558216

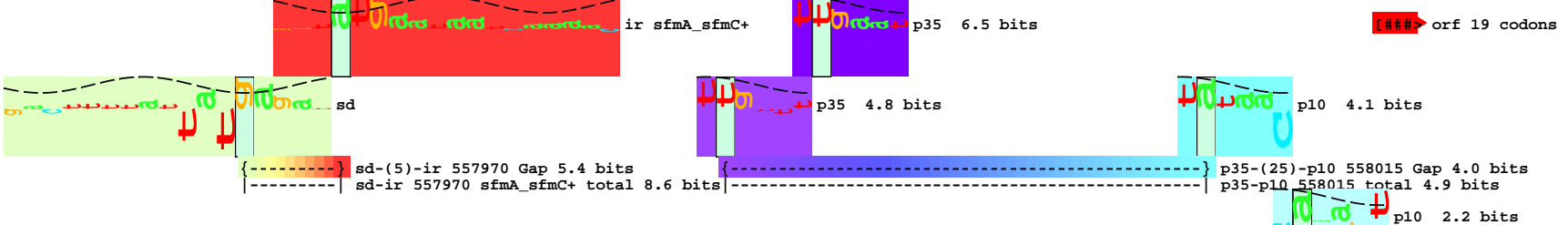
*557950 * *557960 * *557970 * *557980 * *557990 * *558000 * *558010 * *558020 *

5' g a c g c g a c t t t t a t t a t g a g a t a t g a a t a a t c a a a a c c a c g t t g t t t t g a a t t a t a t a t c a c g t c t t a t a a c a a a g t a a t g 3'

- asp - ala - thr - phe - ile - met - arg - tyr - glu - fMet - val - val - leu - ser - lys - ile - ser - arg - leu - ile - thr - lys - fMet -

- thr - arg - leu - leu - leu - fMet - val - val - leu - ser - lys - ile - ser - arg - leu - ile - thr - lys - fMet -

- arg - asp - phe - tyr - tyr - glu - ile - fMet - phe -

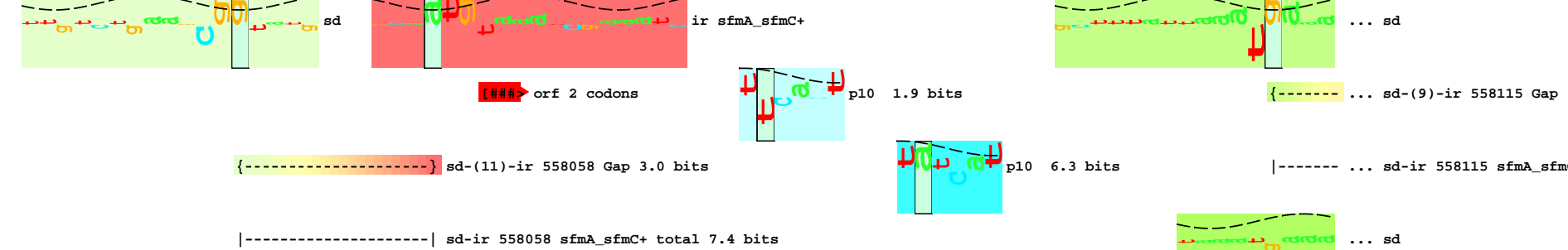


*558030 * *558040 * *558050 * *558060 * *558070 * *558080 * *558090 * *558100 *

5' t a c c g g t t g t c t g a a g c g g t a t g g t g g c a a t g t a a a t c g a a a t c a t g t t c a c t t t g t a t c a t g c c g c t t t a t t a a a t g a a a 3'

- tyr - arg - leu - ser - glu - ala - val - trp - trp - gln - cys - lys - ser - lys - ser - cys - ser - leu - cys - ile - met - pro - leu - tyr - fMet - lys -

- val - ala - met - fMet - phe - thr - leu - tyr - his - ala - ala - leu - leu - asn - glu - lys -



*558110 * *558120 * *558130 * *558140 * *558150 * *558160 * *558170 * *558180 * *558190 *

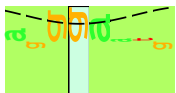
5' a g g g a a t g a t g t g t t g t a a g a a a c c a a a g c a a t c a t t t c t t t a t a t t c c t t a t t t t g c c g t c a g g a a t a c a c a a g g c g t a 3'

- arg - glu - fMet - leu - gln - met - met - cys - cys - lvs - lys - pro - lys - gln - ser - phe - leu - tyr - ile - pro - tyr - phe - cys - arg - gln - glu - tyr - thr - arg - arg - ile -

- gln - met - met - cys - cys - lvs - lys - pro - lys - gln - ser - phe - leu - tyr - ile - pro - tyr - phe - cys - arg - gln - glu - tyr - thr - arg - arg - ile -



... -----| sd-ir 558115 sfmA_sfmc+ total 6.1 bits



sd [###> orf 3 codons



ir sfmA_sfmc+

{-----} sd-(5)-ir 558118 Gap 5.4 bits
sd-ir 558118 sfmA_sfmc+ total 7.3 bits



ir sfmA_sfmc+

{-----} sd-(7)-ir 558120 Gap 3.7 bits
sd-ir 558120 sfmA_sfmc+ total 5.6 bits



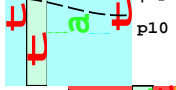
ir sfmA_sfmc+

{-----} sd-(10)-ir 558123 Gap 2.7 bits
sd-ir 558123 sfmA_sfmc+ total 6.6 bits

* 558200 * 558210 *
5' t t a a c t a t g a t g a c t a a a a t a a a g t t 3'
-fMet - met - thr - lys - ile - lys -
-asn - tyr - asp - asp -

... NC_000913.sfmC

- sd-(11)-ir 558197 Gap 3.0 bits
- sd-ir 558197 sfmA_sfmc+ total 12.6 bits
- sd-(14)-ir 558200 Gap 4.9 bits
- sd-ir 558200 sfmA_sfmc+ total 12.3 bits
- p35-(26)-p10 558192 Gap 3.7 bits
- p35-p10 558192 total 4.1 bits
- p35-(23)-p10 558197 Gap 1.4 bits
- p35-p10 558197 total 6.3 bits



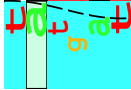
p10 2.6 bits [###> orf 31 codons



ir sfmA_sfmc+



ir sfmA_sfmc+



p10 6.4 bits



p35 1.3 bits |----- ... sd-ir 558197 sfmA_sfmc+ t

{-----} ... sd-(14)-ir 558200 Gap

|----- ... sd-ir 558200 sfmA_sfmc+ t

{-----} ... p35-(26)-p10 558192 Gap
... p35-p10 558192 total 4.1

{-----} ... p35-(23)-p10 558197 Gap

|----- ... p35-p10 558197 total 6.3