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| --- | --- | --- | --- | --- | --- | --- |
| Position | P-Value | 1983-1988 | 1993-1998 | 2003-2009 | 2011-2015 | Function |
| 1330310 | 0.0016618 | Guanine (4) | Thymine (2) | Guanine(4), Thymine(1) | Guanine (11) | Non-coding region |
| 1410394 | 0.0016618 | Guanine (4) | Adenine (2) | Guanine(4), Adenine(1) | Guanine (11) | Non-coding region |
| 1552580 | 0.0016618 | Thymine (4) | Guanine (2) | Guanine(4), Thymine(1) | Thymine (11) | tRNA |
| 1846771 | 0.0016618 | Guanine (4) | Gap '-' (2) | Guanine(4), Gap '-'(1) | Guanine (11) | Transcription repair coupling |
| 1846772 | 0.0016618 | Cytosine (4) | Gap '-' (2) | Cytosine(4), Gap '-'(1) | Cytosine (11) | Transcription repair coupling |
| 1846773 | 0.0016618 | Adenine (4) | Gap '-' (2) | Adenine(4), Gap '-'(1) | Adenine (11) | Transcription repair coupling |
| 1846774 | 0.0016618 | Thymine (4) | Gap '-' (2) | Thymine(4), Gap '-'(1) | Thymine (11) | Transcription repair coupling |
| 1846775 | 0.0016618 | Thymine (4) | Gap '-' (2) | Thymine(4), Gap '-'(1) | Thymine (11) | Transcription repair coupling |
| 1846776 | 0.0016618 | Adenine (4) | Gap '-' (2) | Adenine(4), Gap '-'(1) | Adenine (11) | Transcription repair coupling |
| 1956259 | 0.0016618 | Cytosine (4) | Thymine (2) | Cytosine(4), Thymine(1) | Cytosine (11) | Oligogalacturonate lyase product |
| 2647532 | 0.0016618 | Adenine (4) | Gap '-' (2) | Adenine(4), Gap '-'(1) | Adenine (11) | Peptide ABC transporter *SapA* |
| 2647533 | 0.0016618 | Cytosine (4) | Gap '-' (2) | Cytosine(4), Gap '-'(1) | Cytosine (11) | Peptide ABC transporter *SapA* |
| 2647534 | 0.0016618 | Adenine (4) | Gap '-' (2) | Adenine(4), Gap '-'(1) | Adenine (11) | Peptide ABC transporter *SapA* |
| 2647535 | 0.0016618 | Thymine (4) | Gap '-' (2) | Thymine(4), Gap '-'(1) | Thymine (11) | Peptide ABC transporter *SapA* |
| 2647536 | 0.0016618 | Cytosine (4) | Gap '-' (2) | Cytosine(4), Gap '-'(1) | Cytosine (11) | Peptide ABC transporter *SapA* |
| 2647537 | 0.0016618 | Adenine (4) | Gap '-' (2) | Adenine(4), Gap '-'(1) | Adenine (11) | Peptide ABC transporter *SapA* |
| 2647538 | 0.0016618 | Cytosine (4) | Gap '-' (2) | Cytosine(4), Gap '-'(1) | Cytosine (11) | Peptide ABC transporter *SapA* |
| 3439436 | 0.0016618 | Gap '-' (4) | Guanine (2) | Guanine(4), Gap '-'(1) | Gap '-' (11) | Ferric iron ABC transporter |
| 3439437 | 0.0016618 | Gap '-' (4) | Guanine (2) | Guanine(4), Gap '-'(1) | Gap '-' (11) | Ferric iron ABC transporter |
| 3439438 | 0.0016618 | Gap '-' (4) | Guanine (2) | Guanine(4), Gap '-'(1) | Gap '-' (11) | Ferric iron ABC transporter |
| 4358821 | 0.0016618 | Guanine (4) | Adenine (2) | Guanine(4), Adenine(1) | Guanine (11) | Non-coding region |
| 4384651 | 0.0016618 | Cytosine (4) | Adenine (2) | Adenine(4), Cytosine(1) | Cytosine (11) | 5S-rRNA |
| 4584335 | 0.0016618 | Guanine (4) | Adenine (2) | Guanine(4), Adenine(1) | Guanine (11) | Putative Protein |
| 796168 | 0.0025688 | Adenine (4) | Gap '-' (2) | Adenine (5) | Adenine(10), Gap '-'(1) | Flagellin *FliC* |
| 796169 | 0.0025688 | Guanine (4) | Gap '-' (2) | Guanine (5) | Guanine(10), Gap '-'(1) | Flagellin *FliC* |
| 796170 | 0.0025688 | Guanine (4) | Gap '-' (2) | Guanine (5) | Guanine(10), Gap '-'(1) | Flagellin *FliC* |
| 796171 | 0.0025688 | Guanine (4) | Gap '-' (2) | Guanine (5) | Guanine(10), Gap '-'(1) | Flagellin *FliC* |
| 796172 | 0.0025688 | Guanine (4) | Gap '-' (2) | Guanine (5) | Guanine(10), Gap '-'(1) | Flagellin *FliC* |
| 796173 | 0.0025688 | Guanine (4) | Gap '-' (2) | Guanine (5) | Guanine(10), Gap '-'(1) | Flagellin *FliC* |
| 796174 | 0.0025688 | Guanine (4) | Gap '-' (2) | Guanine (5) | Guanine(10), Gap '-'(1) | Flagellin *FliC* |
| 796175 | 0.0025688 | Thymine (4) | Gap '-' (2) | Thymine (5) | Thymine(10), Gap '-'(1) | Flagellin *FliC* |
| 796176 | 0.0025688 | Adenine (4) | Gap '-' (2) | Adenine (5) | Adenine(10), Gap '-'(1) | Flagellin *FliC* |
| 190085 | 0.0065459 | Gap '-' (4) | Gap '-' (2) | Guanine(4), Gap '-'(1) | Guanine(10), Gap '-'(1) | *ArgD* |
| 190086 | 0.0065459 | Gap '-' (4) | Gap '-' (2) | Adenine(4), Gap '-'(1) | Adenine(10), Gap '-'(1) | *ArgD* |
| 190087 | 0.0065459 | Gap '-' (4) | Gap '-' (2) | Adenine(4), Gap '-'(1) | Adenine(10), Gap '-'(1) | *ArgD* |
| 190088 | 0.0065459 | Gap '-' (4) | Gap '-' (2) | Adenine(4), Gap '-'(1) | Adenine(10), Gap '-'(1) | *ArgD* |
| 190089 | 0.0065459 | Gap '-' (4) | Gap '-' (2) | Guanine(4), Gap '-'(1) | Thymine(10), Cytosine(1) | *ArgD* |
| 190090 | 0.0065459 | Gap '-' (4) | Gap '-' (2) | Cytosine(4), Gap '-'(1) | Cytosine(1), Gap '-'(10) | *ArgD* |
| 3081850 | 0.0098924 | Adenine(3), Guanine(1) | Guanine (2) | Guanine(4), Adenine(1) | Adenine(10), Guanine(1) | Hypothetical protein |
| 1391256 | 0.0126378 | Cytosine(3), Thymine(1) | Thymine (2) | Thymine (5) | Thymine(10), Cytosine(1) | Hypothetical protein |
| 961371 | 0.0164831 | Guanine (4) | Guanine (2) | Guanine (5) | Guanine(4), Gap '-'(17) | Hypothetical protein |
| 961372 | 0.0164831 | Adenine (4) | Adenine (2) | Adenine (5) | Adenine(4), Gap '-'(7) | Hypothetical protein |