



STRUCTURAL CONSTITUENT OF SITE

| bits | optimized motif | location | MI (bits) | z-score | robustness | position bias | orientation bias | conservation index | seed | motif name |
|------|-----------------|----------|-----------|---------|------------|---------------|------------------|--------------------|---------|------------|
| 2 | | 5' | 0.030 | 27.2 | 10/10 | Y | - | 1.00 | AACGCGC | - |
| 2 | | 3' UTR | 0.024 | 19.3 | 10/10 | - | → | 1.00 | UCCCC | - |
| 2 | | 5' | 0.022 | 18.0 | 10/10 | - | - | 1.00 | CGAGACC | - |
| 2 | | 3' UTR | 0.020 | 14.8 | 10/10 | - | → | 0.99 | UAUUUU | - |
| 2 | | 3' UTR | 0.016 | 10.7 | 10/10 | - | → | 0.99 | CAUCC | - |
| 2 | | 5' | 0.016 | 10.1 | 10/10 | - | - | 0.89 | TCGAGAA | - |
| 2 | | 5' | 0.014 | 7.9 | 8/10 | - | - | 0.42 | ACGAAAA | - |
| 2 | | 5' | 0.019 | 14.4 | 10/10 | - | - | 1.00 | AATCGAT | - |
| 2 | | 3' UTR | 0.015 | 9.4 | 9/10 | - | → | 0.99 | UAAUUUA | - |
| 2 | | 5' | 0.018 | 12.6 | 10/10 | - | - | 0.99 | TTCGCAA | - |
| 2 | | 3' UTR | 0.015 | 8.5 | 10/10 | - | → | 0.97 | UUCUUUU | - |
| 2 | | 5' | 0.018 | 12.3 | 10/10 | - | → | 0.94 | AATCGCT | - |
| 2 | | 5' | 0.017 | 11.8 | 10/10 | - | ← | 0.88 | CGAAGAA | - |
| 2 | | 3' UTR | 0.016 | 9.0 | 9/10 | - | → | 0.97 | UCCCCAU | - |
| 2 | | 3' UTR | 0.015 | 9.7 | 10/10 | - | → | 0.98 | AAACAUG | - |
| 2 | | 5' | 0.015 | 9.5 | 10/10 | - | - | 0.87 | CGAACGC | - |
| 2 | | 5' | 0.014 | 7.4 | 6/10 | - | ← | 0.83 | CGCCGTC | - |
| 2 | | 5' | 0.015 | 8.8 | 8/10 | - | ← | 0.50 | TAGGTGC | - |
| 2 | | 5' | 0.014 | 7.7 | 7/10 | - | - | 0.59 | ACACCGC | - |
| 2 | | 5' | 0.014 | 6.5 | 6/10 | - | - | 1.00 | CACTCCG | - |
| 2 | | 5' | 0.014 | 8.1 | 9/10 | - | - | 0.77 | CGCCGAA | - |
| 2 | | 5' | 0.014 | 8.0 | 7/10 | - | - | 0.80 | ACATGTG | - |
| 2 | | 5' | 0.014 | 7.8 | 7/10 | - | - | 0.74 | AATTCGA | - |
| 2 | | 5' | 0.014 | 6.9 | 6/10 | - | ← | 0.99 | CACGGCC | - |
| 2 | | 5' | 0.014 | 7.6 | 8/10 | - | ← | 0.93 | ATATGTA | - |
| 2 | | 5' | 0.014 | 7.6 | 6/10 | - | - | 0.46 | TCGTCAA | - |
| 2 | | 5' | 0.013 | 7.0 | 8/10 | - | ← | 0.67 | TACCAA | - |
| 2 | | 3' UTR | 0.013 | 7.1 | 6/10 | - | → | 0.99 | AAUAAAA | - |
| 2 | | 5' | 0.013 | 6.9 | 7/10 | - | - | 0.41 | AGTATGA | - |
| 2 | | 5' | 0.013 | 6.6 | 6/10 | - | → | 0.48 | TTTGGCA | - |
| 2 | | 5' | 0.012 | 6.2 | 6/10 | - | - | 0.66 | AAACTTT | - |