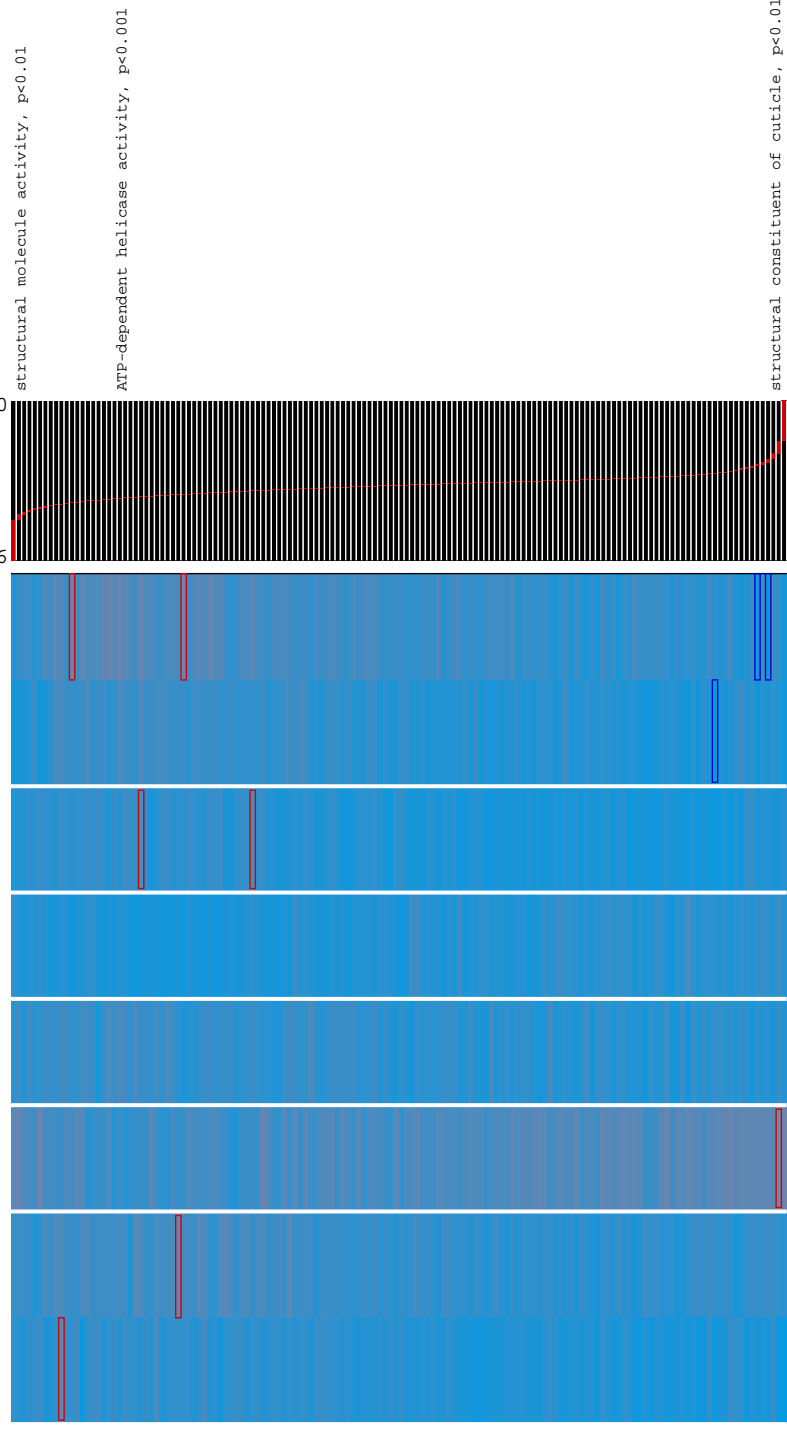


over-representation

under-representation



| optimized motif | location | MI (bits) | z-score | robustness | position bias | orientation bias | conservation index | seed | motif name |
|-----------------|----------|-----------|---------|------------|---------------|------------------|--------------------|---------|------------|
| | 3' UTR | 0.018 | 12.8 | 10/10 | - | → | 1.00 | UCCCCC | - |
| | 5' | 0.016 | 10.5 | 10/10 | - | - | 0.95 | AACGCGC | - |
| | 5' | 0.017 | 11.6 | 10/10 | - | → | 1.00 | CGAGACC | - |
| | 5' | 0.016 | 9.9 | 10/10 | - | ← | 0.63 | ATATGTA | - |
| | 5' | 0.015 | 9.0 | 8/10 | - | ← | 0.97 | CTTCTCG | - |
| | 3' UTR | 0.014 | 8.4 | 10/10 | - | → | 1.00 | AAUAAU | - |
| | 5' | 0.014 | 8.1 | 9/10 | - | - | 0.99 | AAATCGA | - |
| | 5' | 0.014 | 7.8 | 8/10 | - | → | 0.94 | CGAAGAA | - |