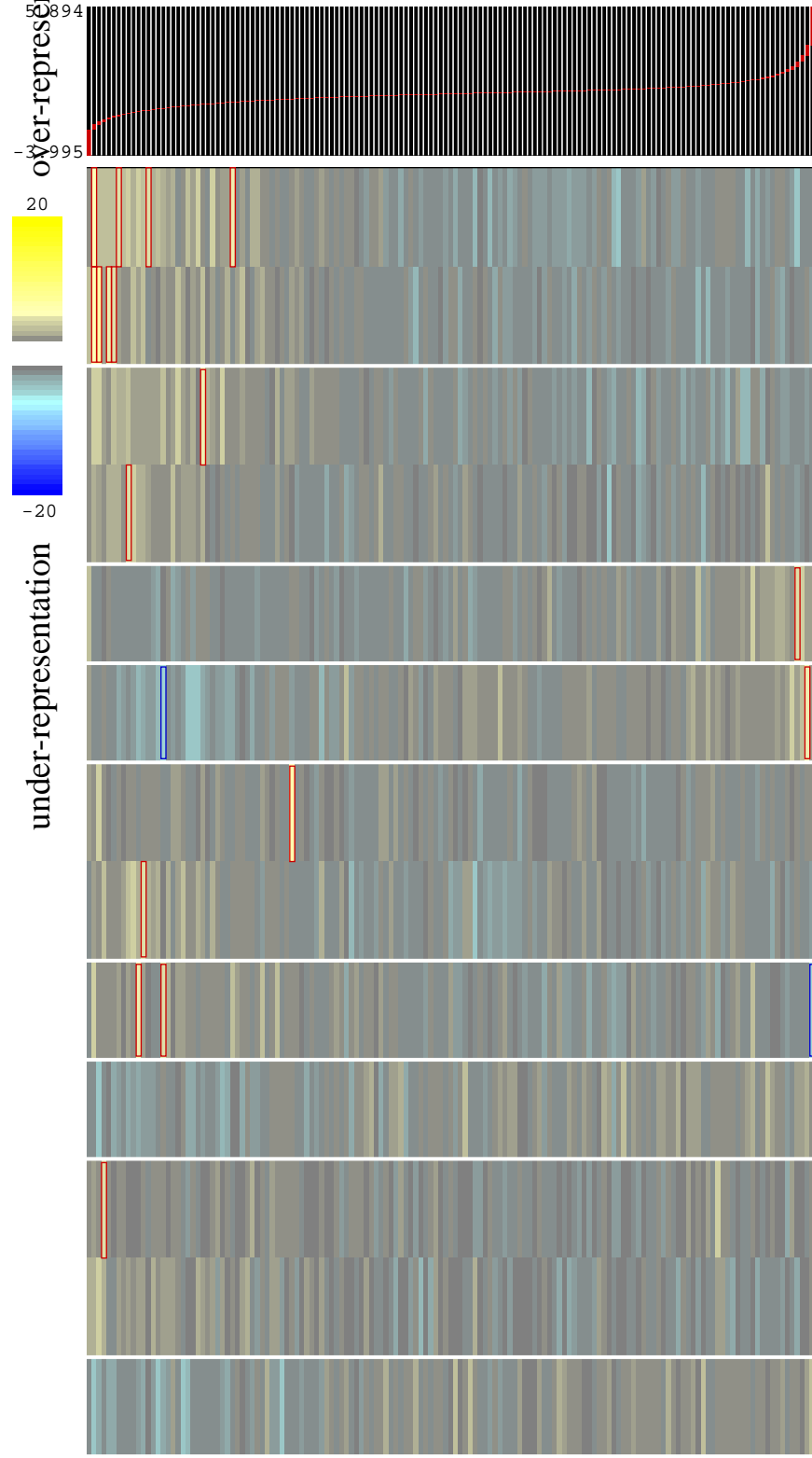


over-representation



under-representation

-20



cytoplasm, p<0.01
 photosynthetic process, p<0.001
 photosynthesis, p<1e-06

| Optimized motif | location | MI (bits) | z-score | Robustness | Position bias | orientation bias | conservation index | seed | motif name |
|-----------------|----------|-----------|---------|------------|---------------|------------------|--------------------|---------|------------|
| | 3'UTR | 0.021 | 15.8 | 10/10 | - | → | 1.00 | UCUUUCC | - |
| | 5' | 0.017 | 12.1 | 10/10 | - | → | 0.99 | CCCTCTC | - |
| | 5' | 0.021 | 15.9 | 10/10 | - | - | 1.00 | CGCGCGC | - |
| | 3'UTR | 0.014 | 7.4 | 7/10 | Y | → | 0.93 | UCUCAUC | - |
| | 5' | 0.018 | 12.1 | 10/10 | Y | - | 1.00 | CTTATCA | - |
| | 3'UTR | 0.015 | 10.0 | 10/10 | Y | → | 1.00 | AAUAAAU | - |
| | 5' | 0.014 | 8.1 | 10/10 | - | ← | 0.98 | AAGAGGA | - |
| | 3'UTR | 0.013 | 7.4 | 7/10 | - | → | 0.96 | UCAUUUU | - |
| | 3'UTR | 0.014 | 8.0 | 9/10 | - | → | 1.00 | CCCGUUU | - |
| | 3'UTR | 0.014 | 8.1 | 9/10 | - | → | 0.99 | AAUAAAA | - |
| | 5' | 0.014 | 7.9 | 9/10 | - | ← | 0.92 | GACGGAC | - |
| | 5' | 0.013 | 6.6 | 6/10 | - | - | 0.42 | CCCTCCA | - |
| | 3'UTR | 0.014 | 7.6 | 7/10 | - | → | 0.98 | AGAACUU | - |