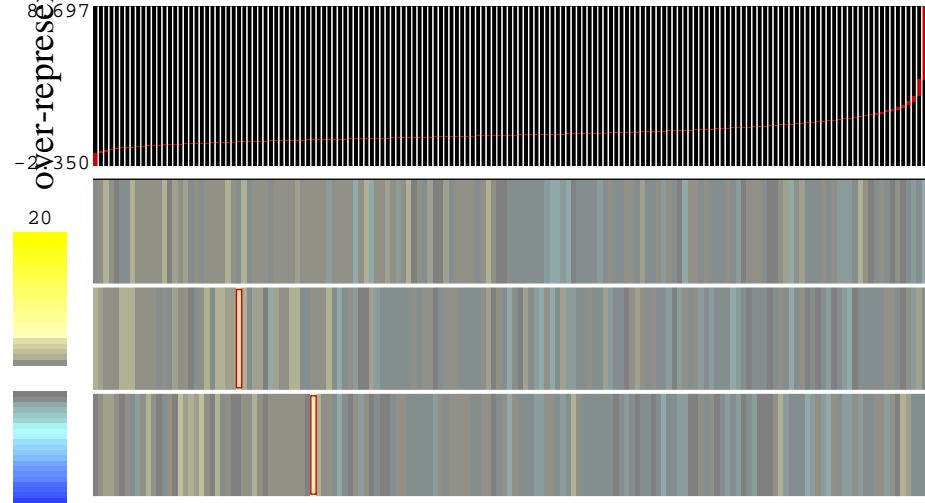


over-representation

20

-20

ion



defense response to bacteria, p<1e-09

| bits | Optimized motif | location | MI (bits) | z-score | robustness | position bias | orientation bias | conservation index | seed | motif name |
|------|-----------------|----------|-----------|---------|------------|---------------|------------------|--------------------|------|------------|
|      | 5'              | 0.015    | 9.2       | 8/10    | -          | ←             | 1.00             | GCGCCGC            | -    |            |
|      | 3' UTR          | 0.014    | 8.1       | 9/10    | -          | →             | 0.80             | CUUAAAA            | -    |            |
|      | 3' UTR          | 0.013    | 6.7       | 7/10    | -          | →             | 0.92             | AAUAAUG            | -    |            |