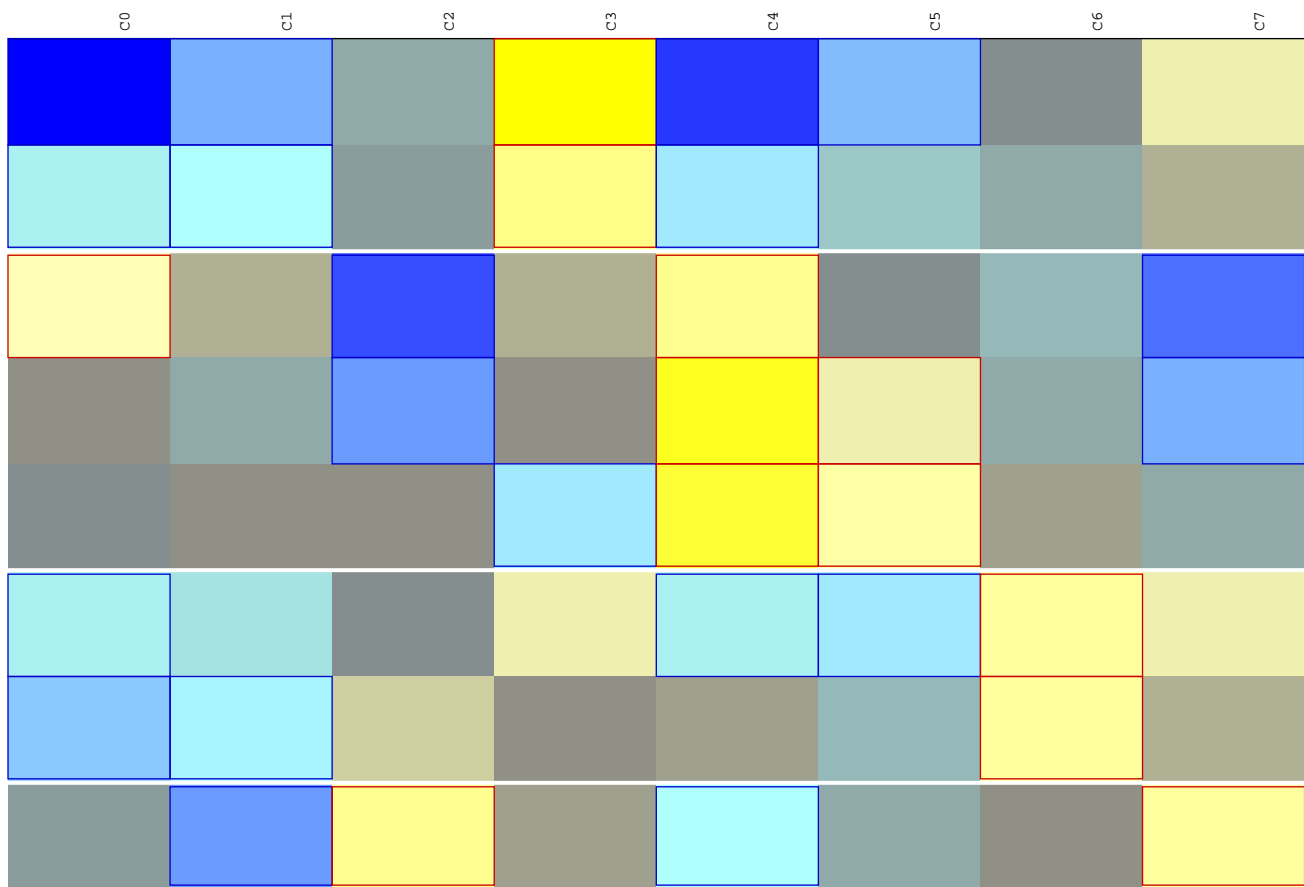
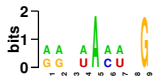

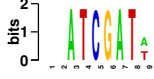
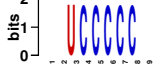

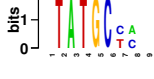
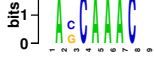
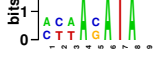


over-representation

under-representation



| optimized motif | location | MI (bits) | z-score | robustness | position bias | orientation bias | conservation index | seed | motif name | protein array |
|---|----------|-----------|---------|------------|---------------|------------------|--------------------|---------|--|---------------|
|  | 3'UTR | 0.008 | 41.2 | 10/10 | Y | ↔ | 0.97 | AAAAAUU | - | - |
|  | 5' | 0.003 | 12.3 | 8/10 | - | ← | 0.94 | ATGATCA | NHR_1_NHR_10_NHR_101_NHR_17_NHR_40_NHR_47_NHR_68, NHR_119_NHR_31 | - |
|  | 5' | 0.004 | 21.8 | 10/10 | - | ↔ | 1.00 | AATCGAT | CEH_28, CEH-28, CEH_38 ... | - |
|  | 3'UTR | 0.004 | 20.6 | 10/10 | - | → | 0.99 | AUCCCCC | - | - |
|  | 5' | 0.003 | 12.4 | 8/10 | Y | → | 0.90 | CTCTTCC | EOR_1.2, EOR-1, PIE_1 | - |
|  | 5' | 0.003 | 13.7 | 9/10 | - | ← | 0.70 | TATGCTA | - | - |
|  | 5' | 0.002 | 10.8 | 8/10 | - | - | 0.68 | ACCAAAC | PIE_1 | - |
|  | 5' | 0.003 | 14.1 | 10/10 | - | ↔ | 0.83 | TAAGATA | - | - |