# Homer Known Motif Enrichment Results (./motifs\_homer/)

[Homer *de novo* Motif Results](http://docs.google.com/homerResults.html)

[Gene Ontology Enrichment Results](http://docs.google.com/geneOntology.html)

[Known Motif Enrichment Results (txt file)](http://docs.google.com/knownResults.txt)

Total Target Sequences = 18845, Total Background Sequences = 31777

| Rank | Motif | Name | P-value | log P-pvalue | q-value (Benjamini) | # Target Sequences with Motif | % of Targets Sequences with Motif | # Background Sequences with Motif | % of Background Sequences with Motif | Motif File | SVG |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 1 | G C T A A G T C T A C G T G C A A T C G T C A G G C T A T C G A T C A G A G C T | ELF5(ETS)/T47D-ELF5-ChIP-Seq(GSE30407)/Homer | 1e-73 | -1.703e+02 | 0.0000 | 1877.0 | 9.96% | 2049.6 | 6.45% | [motif file (matrix)](http://docs.google.com/knownResults//known1.motif) | [svg](http://docs.google.com/knownResults//known1.logo.svg) |
| 2 | C G T A T A C G T C G A A C T G A C T G C G T A C G T A T A C G A G C T T A C G | PU.1(ETS)/ThioMac-PU.1-ChIP-Seq(GSE21512)/Homer | 1e-67 | -1.554e+02 | 0.0000 | 1337.0 | 7.09% | 1363.5 | 4.29% | [motif file (matrix)](http://docs.google.com/knownResults//known2.motif) | [svg](http://docs.google.com/knownResults//known2.logo.svg) |
| 3 | C T G A A G T C C G A T A G C T A T G C G T A C A C G T A T C G C A G T G C A T | Elf4(ETS)/BMDM-Elf4-ChIP-Seq(GSE88699)/Homer | 1e-65 | -1.506e+02 | 0.0000 | 2308.0 | 12.24% | 2716.2 | 8.55% | [motif file (matrix)](http://docs.google.com/knownResults//known3.motif) | [svg](http://docs.google.com/knownResults//known3.logo.svg) |
| 4 | C G T A T A G C T A G C T G C A A C T G C T A G C G T A C G T A T C A G G A C T | EHF(ETS)/LoVo-EHF-ChIP-Seq(GSE49402)/Homer | 1e-57 | -1.328e+02 | 0.0000 | 2979.0 | 15.80% | 3766.3 | 11.85% | [motif file (matrix)](http://docs.google.com/knownResults//known4.motif) | [svg](http://docs.google.com/knownResults//known4.logo.svg) |
| 5 | C G T A C T G A C G T A C T A G T C G A C T A G A C T G C G T A C G T A T A C G A G C T A T C G | SpiB(ETS)/OCILY3-SPIB-ChIP-Seq(GSE56857)/Homer | 1e-57 | -1.324e+02 | 0.0000 | 738.0 | 3.92% | 652.2 | 2.05% | [motif file (matrix)](http://docs.google.com/knownResults//known5.motif) | [svg](http://docs.google.com/knownResults//known5.logo.svg) |
| 6 | C G T A T G A C T A G C T G C A A C T G A C T G C G T A C G T A T C A G G A C T | ELF3(ETS)/PDAC-ELF3-ChIP-Seq(GSE64557)/Homer | 1e-53 | -1.236e+02 | 0.0000 | 1807.0 | 9.59% | 2099.3 | 6.61% | [motif file (matrix)](http://docs.google.com/knownResults//known6.motif) | [svg](http://docs.google.com/knownResults//known6.logo.svg) |
| 7 | T C G A C T G A T A G C T G A C T C A G T C A G C G T A C G T A T C A G A G C T | ETV1(ETS)/GIST48-ETV1-ChIP-Seq(GSE22441)/Homer | 1e-47 | -1.092e+02 | 0.0000 | 2739.0 | 14.53% | 3517.1 | 11.07% | [motif file (matrix)](http://docs.google.com/knownResults//known7.motif) | [svg](http://docs.google.com/knownResults//known7.logo.svg) |
| 8 | T C G A A C G T C A T G G C T A T A G C C G A T G T A C G C T A A C G T A T G C | AP-1(bZIP)/ThioMac-PU.1-ChIP-Seq(GSE21512)/Homer | 1e-46 | -1.063e+02 | 0.0000 | 1613.0 | 8.56% | 1886.8 | 5.94% | [motif file (matrix)](http://docs.google.com/knownResults//known8.motif) | [svg](http://docs.google.com/knownResults//known8.logo.svg) |
| 9 | T C G A T A G C T G C A A C T G A C T G C G T A C G T A C T A G G A C T T A C G | ETS1(ETS)/Jurkat-ETS1-ChIP-Seq(GSE17954)/Homer | 1e-45 | -1.043e+02 | 0.0000 | 2194.0 | 11.64% | 2732.5 | 8.60% | [motif file (matrix)](http://docs.google.com/knownResults//known9.motif) | [svg](http://docs.google.com/knownResults//known9.logo.svg) |
| 10 | C T A G T C G A C G A T A C T G C G T A T A C G A G C T T G A C G C T A A C G T G A T C T A G C | Fosl2(bZIP)/3T3L1-Fosl2-ChIP-Seq(GSE56872)/Homer | 1e-44 | -1.020e+02 | 0.0000 | 743.0 | 3.94% | 719.7 | 2.27% | [motif file (matrix)](http://docs.google.com/knownResults//known10.motif) | [svg](http://docs.google.com/knownResults//known10.logo.svg) |
| 11 | C A T G C T A G T C G A A C G T A C T G C G T A T A G C C G A T T G A C C G T A A G C T G A T C | Fra2(bZIP)/Striatum-Fra2-ChIP-Seq(GSE43429)/Homer | 1e-44 | -1.017e+02 | 0.0000 | 1087.0 | 5.77% | 1172.5 | 3.69% | [motif file (matrix)](http://docs.google.com/knownResults//known11.motif) | [svg](http://docs.google.com/knownResults//known11.logo.svg) |
| 12 | A T G C A G T C C T G A A G T C C G A T A C G T A G T C A G T C A C G T A T C G G A C T A C G T | Etv2(ETS)/ES-ER71-ChIP-Seq(GSE59402)/Homer | 1e-43 | -9.921e+01 | 0.0000 | 2024.0 | 10.74% | 2505.9 | 7.89% | [motif file (matrix)](http://docs.google.com/knownResults//known12.motif) | [svg](http://docs.google.com/knownResults//known12.logo.svg) |
| 13 | C T A G T C G A A C G T A C T G C G T A A T G C A C G T G T A C C G T A A G C T G A T C G T A C | Atf3(bZIP)/GBM-ATF3-ChIP-Seq(GSE33912)/Homer | 1e-42 | -9.883e+01 | 0.0000 | 1459.0 | 7.74% | 1695.5 | 5.34% | [motif file (matrix)](http://docs.google.com/knownResults//known13.motif) | [svg](http://docs.google.com/knownResults//known13.logo.svg) |
| 14 | C A G T T G C A A C G T A C T G C G T A A T C G C G A T T G A C C G T A A C G T | BATF(bZIP)/Th17-BATF-ChIP-Seq(GSE39756)/Homer | 1e-42 | -9.715e+01 | 0.0000 | 1442.0 | 7.65% | 1677.1 | 5.28% | [motif file (matrix)](http://docs.google.com/knownResults//known14.motif) | [svg](http://docs.google.com/knownResults//known14.logo.svg) |
| 15 | A C T G C T A G T C G A C G A T C A T G G C T A A T C G C G A T G T A C G C T A A G C T G T A C | Fra1(bZIP)/BT549-Fra1-ChIP-Seq(GSE46166)/Homer | 1e-41 | -9.651e+01 | 0.0000 | 1253.0 | 6.65% | 1415.2 | 4.45% | [motif file (matrix)](http://docs.google.com/knownResults//known15.motif) | [svg](http://docs.google.com/knownResults//known15.logo.svg) |
| 16 | C T A G T C G A G C A T C A T G G C T A T A G C C G A T G T A C C T G A A G C T | JunB(bZIP)/DendriticCells-Junb-ChIP-Seq(GSE36099)/Homer | 1e-39 | -9.196e+01 | 0.0000 | 1217.0 | 6.46% | 1380.7 | 4.35% | [motif file (matrix)](http://docs.google.com/knownResults//known16.motif) | [svg](http://docs.google.com/knownResults//known16.logo.svg) |
| 17 | A C T G C A T G T C G A A C G T A C T G C G T A A T C G A C G T G T A C C G T A G A C T A G T C | Fos(bZIP)/TSC-Fos-ChIP-Seq(GSE110950)/Homer | 1e-37 | -8.527e+01 | 0.0000 | 1314.0 | 6.97% | 1539.9 | 4.85% | [motif file (matrix)](http://docs.google.com/knownResults//known17.motif) | [svg](http://docs.google.com/knownResults//known17.logo.svg) |
| 18 | C T A G T C G A A C G T A C T G C G T A T A G C C G A T G T A C C G T A A G C T G A T C G T A C | Jun-AP1(bZIP)/K562-cJun-ChIP-Seq(GSE31477)/Homer | 1e-35 | -8.088e+01 | 0.0000 | 530.0 | 2.81% | 496.0 | 1.56% | [motif file (matrix)](http://docs.google.com/knownResults//known18.motif) | [svg](http://docs.google.com/knownResults//known18.logo.svg) |
| 19 | T C G A T A G C G T C A A C T G A C T G C G T A C G T A C T A G A G C T T C A G | ERG(ETS)/VCaP-ERG-ChIP-Seq(GSE14097)/Homer | 1e-34 | -8.040e+01 | 0.0000 | 3312.0 | 17.57% | 4547.5 | 14.31% | [motif file (matrix)](http://docs.google.com/knownResults//known19.motif) | [svg](http://docs.google.com/knownResults//known19.logo.svg) |
| 20 | C G A T T A C G T G A C G A C T C A T G C G T A T A C G A C G T G T A C C T G A | Bach2(bZIP)/OCILy7-Bach2-ChIP-Seq(GSE44420)/Homer | 1e-33 | -7.814e+01 | 0.0000 | 464.0 | 2.46% | 420.1 | 1.32% | [motif file (matrix)](http://docs.google.com/knownResults//known20.motif) | [svg](http://docs.google.com/knownResults//known20.logo.svg) |
| 21 | T C G A T C G A T A G C G T A C T C A G T A C G C G T A C G T A T C A G A G C T | GABPA(ETS)/Jurkat-GABPa-ChIP-Seq(GSE17954)/Homer | 1e-30 | -7.040e+01 | 0.0000 | 1729.0 | 9.17% | 2202.3 | 6.93% | [motif file (matrix)](http://docs.google.com/knownResults//known21.motif) | [svg](http://docs.google.com/knownResults//known21.logo.svg) |
| 22 | A G T C C T G A A G T C C G A T C A G T G A T C A T G C A C T G A T C G G A C T | Fli1(ETS)/CD8-FLI-ChIP-Seq(GSE20898)/Homer | 1e-30 | -7.022e+01 | 0.0000 | 2024.0 | 10.74% | 2642.3 | 8.32% | [motif file (matrix)](http://docs.google.com/knownResults//known22.motif) | [svg](http://docs.google.com/knownResults//known22.logo.svg) |
| 23 | T G C A C T G A A T G C G T C A A C T G A C T G C G T A C G T A C T A G A G C T | Ets1-distal(ETS)/CD4+-PolII-ChIP-Seq(Barski\_et\_al.)/Homer | 1e-29 | -6.786e+01 | 0.0000 | 715.0 | 3.79% | 768.7 | 2.42% | [motif file (matrix)](http://docs.google.com/knownResults//known23.motif) | [svg](http://docs.google.com/knownResults//known23.logo.svg) |
| 24 | T G C A A G C T A C G T C T A G G A T C C T A G G A T C G T C A C T G A A G T C | CEBP(bZIP)/ThioMac-CEBPb-ChIP-Seq(GSE21512)/Homer | 1e-27 | -6.238e+01 | 0.0000 | 1549.0 | 8.22% | 1975.3 | 6.22% | [motif file (matrix)](http://docs.google.com/knownResults//known24.motif) | [svg](http://docs.google.com/knownResults//known24.logo.svg) |
| 25 | T C G A A C G T A C G T C T G A G A T C T C A G G A C T G T C A C G T A A G C T G T C A C T A G A G C T A C G T T C G A | NFIL3(bZIP)/HepG2-NFIL3-ChIP-Seq(Encode)/Homer | 1e-26 | -6.136e+01 | 0.0000 | 1437.0 | 7.62% | 1815.6 | 5.71% | [motif file (matrix)](http://docs.google.com/knownResults//known25.motif) | [svg](http://docs.google.com/knownResults//known25.logo.svg) |
| 26 | C T G A T A G C T G A C T C A G C T A G G T C A C G T A T C A G A G C T T C A G | ETV4(ETS)/HepG2-ETV4-ChIP-Seq(ENCODE)/Homer | 1e-26 | -6.003e+01 | 0.0000 | 1900.0 | 10.08% | 2511.6 | 7.90% | [motif file (matrix)](http://docs.google.com/knownResults//known26.motif) | [svg](http://docs.google.com/knownResults//known26.logo.svg) |
| 27 | T C G A A G C T A C G T A C G T A G T C A G T C A C G T A T C G G A C T A T C G | EWS:ERG-fusion(ETS)/CADO\_ES1-EWS:ERG-ChIP-Seq(SRA014231)/Homer | 1e-24 | -5.623e+01 | 0.0000 | 1695.0 | 8.99% | 2224.7 | 7.00% | [motif file (matrix)](http://docs.google.com/knownResults//known27.motif) | [svg](http://docs.google.com/knownResults//known27.logo.svg) |
| 28 | T C A G G A C T C A G T C T G A A G C T C T A G G A C T T G C A C T G A A G T C | HLF(bZIP)/HSC-HLF.Flag-ChIP-Seq(GSE69817)/Homer | 1e-22 | -5.234e+01 | 0.0000 | 1885.0 | 10.00% | 2533.0 | 7.97% | [motif file (matrix)](http://docs.google.com/knownResults//known28.motif) | [svg](http://docs.google.com/knownResults//known28.logo.svg) |
| 29 | T A C G T C G A C A G T A C T G G C T A A T G C C G A T G T A C C G T A A C T G T A G C C G T A | NF-E2(bZIP)/K562-NFE2-ChIP-Seq(GSE31477)/Homer | 1e-20 | -4.670e+01 | 0.0000 | 156.0 | 0.83% | 112.6 | 0.35% | [motif file (matrix)](http://docs.google.com/knownResults//known29.motif) | [svg](http://docs.google.com/knownResults//known29.logo.svg) |
| 30 | T G A C C T A G T C A G G T C A C G T A T C A G C G A T T C A G T C G A T G C A C T G A T A G C | PU.1-IRF(ETS:IRF)/Bcell-PU.1-ChIP-Seq(GSE21512)/Homer | 1e-20 | -4.661e+01 | 0.0000 | 2834.0 | 15.03% | 4040.6 | 12.72% | [motif file (matrix)](http://docs.google.com/knownResults//known30.motif) | [svg](http://docs.google.com/knownResults//known30.logo.svg) |
| 31 | G T C A G C A T A C T G G T A C G A C T A C T G G C T A A T C G C A G T G T A C C G T A A G C T | Nrf2(bZIP)/Lymphoblast-Nrf2-ChIP-Seq(GSE37589)/Homer | 1e-17 | -4.116e+01 | 0.0000 | 129.0 | 0.68% | 90.4 | 0.28% | [motif file (matrix)](http://docs.google.com/knownResults//known31.motif) | [svg](http://docs.google.com/knownResults//known31.logo.svg) |
| 32 | C G T A C G T A C G T A G C A T G C A T T A C G G T A C G A C T A C T G C G T A A T C G A C G T G T A C C G T A A G C T | Bach1(bZIP)/K562-Bach1-ChIP-Seq(GSE31477)/Homer | 1e-17 | -3.961e+01 | 0.0000 | 143.0 | 0.76% | 107.5 | 0.34% | [motif file (matrix)](http://docs.google.com/knownResults//known32.motif) | [svg](http://docs.google.com/knownResults//known32.logo.svg) |
| 33 | C T A G C T A G C G T A C G T A T A C G C G A T C T A G C T G A C T G A C G T A T A C G G A C T | PU.1:IRF8(ETS:IRF)/pDC-Irf8-ChIP-Seq(GSE66899)/Homer | 1e-16 | -3.852e+01 | 0.0000 | 521.0 | 2.76% | 595.2 | 1.87% | [motif file (matrix)](http://docs.google.com/knownResults//known33.motif) | [svg](http://docs.google.com/knownResults//known33.logo.svg) |
| 34 | T G C A T C G A T A G C G T A C T C A G C T A G G T C A G C T A T C A G G A C T | ETS(ETS)/Promoter/Homer | 1e-16 | -3.778e+01 | 0.0000 | 504.0 | 2.67% | 574.3 | 1.81% | [motif file (matrix)](http://docs.google.com/knownResults//known34.motif) | [svg](http://docs.google.com/knownResults//known34.logo.svg) |
| 35 | C T G A T G C A T A G C T G A C T A C G T C A G C T G A G C T A T C A G G A C T | ELF1(ETS)/Jurkat-ELF1-ChIP-Seq(SRA014231)/Homer | 1e-14 | -3.311e+01 | 0.0000 | 734.0 | 3.89% | 920.1 | 2.90% | [motif file (matrix)](http://docs.google.com/knownResults//known35.motif) | [svg](http://docs.google.com/knownResults//known35.logo.svg) |
| 36 | T C A G T C A G G C T A C G T A T A C G G A C T T C A G T C G A C T G A C G T A T A C G G A C T | IRF8(IRF)/BMDM-IRF8-ChIP-Seq(GSE77884)/Homer | 1e-12 | -2.980e+01 | 0.0000 | 751.0 | 3.98% | 961.8 | 3.03% | [motif file (matrix)](http://docs.google.com/knownResults//known36.motif) | [svg](http://docs.google.com/knownResults//known36.logo.svg) |
| 37 | T G C A A C T G T A C G A T G C A G T C G A C T T C G A A T C G | ZNF711(Zf)/SHSY5Y-ZNF711-ChIP-Seq(GSE20673)/Homer | 1e-12 | -2.925e+01 | 0.0000 | 2946.0 | 15.63% | 4376.5 | 13.77% | [motif file (matrix)](http://docs.google.com/knownResults//known37.motif) | [svg](http://docs.google.com/knownResults//known37.logo.svg) |
| 38 | C G T A C G T A C G T A G C A T G C A T A C T G G T A C G A C T C T A G G C T A T A C G G A C T T G A C C G T A A G C T | NFE2L2(bZIP)/HepG2-NFE2L2-ChIP-Seq(Encode)/Homer | 1e-12 | -2.773e+01 | 0.0000 | 125.0 | 0.66% | 104.7 | 0.33% | [motif file (matrix)](http://docs.google.com/knownResults//known38.motif) | [svg](http://docs.google.com/knownResults//known38.logo.svg) |
| 39 | C T G A A C T G A C T G A G T C A G T C A G C T C T A G T A C G | ZFX(Zf)/mES-Zfx-ChIP-Seq(GSE11431)/Homer | 1e-10 | -2.451e+01 | 0.0000 | 2322.0 | 12.32% | 3431.5 | 10.80% | [motif file (matrix)](http://docs.google.com/knownResults//known39.motif) | [svg](http://docs.google.com/knownResults//known39.logo.svg) |
| 40 | C T A G T C G A C G A T C T A G G C A T C A G T C T A G G A T C C G T A G T C A | CEBP:AP1(bZIP)/ThioMac-CEBPb-ChIP-Seq(GSE21512)/Homer | 1e-9 | -2.179e+01 | 0.0000 | 1515.0 | 8.04% | 2183.3 | 6.87% | [motif file (matrix)](http://docs.google.com/knownResults//known40.motif) | [svg](http://docs.google.com/knownResults//known40.logo.svg) |
| 41 | C T G A T A C G G C A T A G C T A G C T A G T C T C G A A C T G C A G T A G C T A G C T G A T C | IRF3(IRF)/BMDM-Irf3-ChIP-Seq(GSE67343)/Homer | 1e-9 | -2.101e+01 | 0.0000 | 754.0 | 4.00% | 1015.0 | 3.19% | [motif file (matrix)](http://docs.google.com/knownResults//known41.motif) | [svg](http://docs.google.com/knownResults//known41.logo.svg) |
| 42 | T C A G A C G T A G T C T C G A A G T C T C A G G C A T C T A G C T A G A G C T | Usf2(bHLH)/C2C12-Usf2-ChIP-Seq(GSE36030)/Homer | 1e-8 | -2.029e+01 | 0.0000 | 452.0 | 2.40% | 570.0 | 1.79% | [motif file (matrix)](http://docs.google.com/knownResults//known42.motif) | [svg](http://docs.google.com/knownResults//known42.logo.svg) |
| 43 | T C A G A G C T A T G C C G T A A G C T T C A G C A G T A C T G C T G A A G T C | MITF(bHLH)/MastCells-MITF-ChIP-Seq(GSE48085)/Homer | 1e-8 | -1.973e+01 | 0.0000 | 1513.0 | 8.03% | 2199.2 | 6.92% | [motif file (matrix)](http://docs.google.com/knownResults//known43.motif) | [svg](http://docs.google.com/knownResults//known43.logo.svg) |
| 44 | T C A G T A G C G A C T C A T G C T G A A T C G G C A T G T A C C G T A A C T G T A G C T G C A | MafK(bZIP)/C2C12-MafK-ChIP-Seq(GSE36030)/Homer | 1e-8 | -1.856e+01 | 0.0000 | 354.0 | 1.88% | 436.3 | 1.37% | [motif file (matrix)](http://docs.google.com/knownResults//known44.motif) | [svg](http://docs.google.com/knownResults//known44.logo.svg) |
| 45 | G A T C T C G A A G T C C G A T C G A T A G T C A T G C A C T G A T C G G A C T | Elk1(ETS)/Hela-Elk1-ChIP-Seq(GSE31477)/Homer | 1e-7 | -1.795e+01 | 0.0000 | 717.0 | 3.80% | 979.7 | 3.08% | [motif file (matrix)](http://docs.google.com/knownResults//known45.motif) | [svg](http://docs.google.com/knownResults//known45.logo.svg) |
| 46 | C T G A A T G C C G T A A C G T A G T C A G T C A C G T A C T G A T C G G C A T | SPDEF(ETS)/VCaP-SPDEF-ChIP-Seq(SRA014231)/Homer | 1e-7 | -1.680e+01 | 0.0000 | 1776.0 | 9.42% | 2646.2 | 8.33% | [motif file (matrix)](http://docs.google.com/knownResults//known46.motif) | [svg](http://docs.google.com/knownResults//known46.logo.svg) |
| 47 | C T A G G C A T G A T C C G T A A G T C T C A G G A C T C T A G | CLOCK(bHLH)/Liver-Clock-ChIP-Seq(GSE39860)/Homer | 1e-6 | -1.555e+01 | 0.0000 | 719.0 | 3.81% | 1000.0 | 3.15% | [motif file (matrix)](http://docs.google.com/knownResults//known47.motif) | [svg](http://docs.google.com/knownResults//known47.logo.svg) |
| 48 | T A C G T C A G A G C T A T G C C G T A A G T C T C A G A C G T A C T G T C G A | USF1(bHLH)/GM12878-Usf1-ChIP-Seq(GSE32465)/Homer | 1e-6 | -1.545e+01 | 0.0000 | 594.0 | 3.15% | 809.8 | 2.55% | [motif file (matrix)](http://docs.google.com/knownResults//known48.motif) | [svg](http://docs.google.com/knownResults//known48.logo.svg) |
| 49 | T G C A C T G A A G T C G T C A A C T G A C T G C G T A C G T A C T G A A G C T | EWS:FLI1-fusion(ETS)/SK\_N\_MC-EWS:FLI1-ChIP-Seq(SRA014231)/Homer | 1e-6 | -1.540e+01 | 0.0000 | 980.0 | 5.20% | 1404.5 | 4.42% | [motif file (matrix)](http://docs.google.com/knownResults//known49.motif) | [svg](http://docs.google.com/knownResults//known49.logo.svg) |
| 50 | T C G A T A G C G T C A A C T G C T A G C G T A C G A T A C T G A C G T A C T G A C T G A C G T | ETS:RUNX(ETS,Runt)/Jurkat-RUNX1-ChIP-Seq(GSE17954)/Homer | 1e-6 | -1.532e+01 | 0.0000 | 158.0 | 0.84% | 173.3 | 0.55% | [motif file (matrix)](http://docs.google.com/knownResults//known50.motif) | [svg](http://docs.google.com/knownResults//known50.logo.svg) |
| 51 | G C T A T A G C A G C T A T C G G T C A C G T A G C T A A T G C G A T C C T G A | IRF4(IRF)/GM12878-IRF4-ChIP-Seq(GSE32465)/Homer | 1e-5 | -1.349e+01 | 0.0000 | 871.0 | 4.62% | 1251.4 | 3.94% | [motif file (matrix)](http://docs.google.com/knownResults//known51.motif) | [svg](http://docs.google.com/knownResults//known51.logo.svg) |
| 52 | G A T C C T G A A G T C C G A T C G A T G A T C A G T C A C T G A T C G A G C T | Elk4(ETS)/Hela-Elk4-ChIP-Seq(GSE31477)/Homer | 1e-5 | -1.341e+01 | 0.0000 | 670.0 | 3.55% | 940.4 | 2.96% | [motif file (matrix)](http://docs.google.com/knownResults//known52.motif) | [svg](http://docs.google.com/knownResults//known52.logo.svg) |
| 53 | C T A G C G T A G T C A C G T A A G T C G A T C A G C T C T A G C G T A A C G T G T C A G A T C | Six2(Homeobox)/NephronProgenitor-Six2-ChIP-Seq(GSE39837)/Homer | 1e-5 | -1.265e+01 | 0.0000 | 1851.0 | 9.82% | 2818.4 | 8.87% | [motif file (matrix)](http://docs.google.com/knownResults//known53.motif) | [svg](http://docs.google.com/knownResults//known53.logo.svg) |
| 54 | T G C A A G C T C A T G C G T A A G C T A C T G G A T C G T C A C G T A A G C T | Atf4(bZIP)/MEF-Atf4-ChIP-Seq(GSE35681)/Homer | 1e-5 | -1.249e+01 | 0.0000 | 577.0 | 3.06% | 804.3 | 2.53% | [motif file (matrix)](http://docs.google.com/knownResults//known54.motif) | [svg](http://docs.google.com/knownResults//known54.logo.svg) |
| 55 | T C G A G C A T A C G T C T A G G T A C T C G A G C A T T G A C T C G A A C G T | Chop(bZIP)/MEF-Chop-ChIP-Seq(GSE35681)/Homer | 1e-5 | -1.242e+01 | 0.0000 | 458.0 | 2.43% | 623.0 | 1.96% | [motif file (matrix)](http://docs.google.com/knownResults//known55.motif) | [svg](http://docs.google.com/knownResults//known55.logo.svg) |
| 56 | C T A G C A G T T G A C C G T A G A T C T C A G G A C T C A T G | BMAL1(bHLH)/Liver-Bmal1-ChIP-Seq(GSE39860)/Homer | 1e-5 | -1.229e+01 | 0.0000 | 2865.0 | 15.20% | 4468.6 | 14.06% | [motif file (matrix)](http://docs.google.com/knownResults//known56.motif) | [svg](http://docs.google.com/knownResults//known56.logo.svg) |
| 57 | T A C G G A C T A C T G A C T G C T A G A T G C A G T C A G T C A G T C C T G A | ZNF692(Zf)/HEK293-ZNF692.GFP-ChIP-Seq(GSE58341)/Homer | 1e-5 | -1.223e+01 | 0.0000 | 236.0 | 1.25% | 294.0 | 0.93% | [motif file (matrix)](http://docs.google.com/knownResults//known57.motif) | [svg](http://docs.google.com/knownResults//known57.logo.svg) |
| 58 | T C G A T G A C A G T C C G T A A G T C C T A G A C G T A C T G A C T G A G C T A G T C G C A T | Max(bHLH)/K562-Max-ChIP-Seq(GSE31477)/Homer | 1e-4 | -1.149e+01 | 0.0001 | 927.0 | 4.92% | 1358.7 | 4.28% | [motif file (matrix)](http://docs.google.com/knownResults//known58.motif) | [svg](http://docs.google.com/knownResults//known58.logo.svg) |
| 59 | A G T C C T A G C T A G A G T C G A T C G T A C A G T C C T A G A G T C A G T C A G T C G T A C | Sp2(Zf)/HEK293-Sp2.eGFP-ChIP-Seq(Encode)/Homer | 1e-4 | -1.063e+01 | 0.0002 | 1972.0 | 10.46% | 3043.6 | 9.58% | [motif file (matrix)](http://docs.google.com/knownResults//known59.motif) | [svg](http://docs.google.com/knownResults//known59.logo.svg) |
| 60 | T C A G T C A G T A G C A G T C C T G A A G T C C T A G A C G T A C T G A T C G | c-Myc(bHLH)/mES-cMyc-ChIP-Seq(GSE11431)/Homer | 1e-4 | -1.057e+01 | 0.0002 | 690.0 | 3.66% | 995.3 | 3.13% | [motif file (matrix)](http://docs.google.com/knownResults//known60.motif) | [svg](http://docs.google.com/knownResults//known60.logo.svg) |
| 61 | C T G A T C A G G T A C T G C A A G T C C G T A A G T C A C T G A C G T A C T G | MNT(bHLH)/HepG2-MNT-ChIP-Seq(Encode)/Homer | 1e-4 | -1.046e+01 | 0.0002 | 1532.0 | 8.13% | 2335.8 | 7.35% | [motif file (matrix)](http://docs.google.com/knownResults//known61.motif) | [svg](http://docs.google.com/knownResults//known61.logo.svg) |
| 62 | T A C G T C G A T A G C A G T C C G T A A G T C C T A G G C A T A C T G A T C G | n-Myc(bHLH)/mES-nMyc-ChIP-Seq(GSE11431)/Homer | 1e-4 | -1.002e+01 | 0.0003 | 919.0 | 4.88% | 1361.5 | 4.28% | [motif file (matrix)](http://docs.google.com/knownResults//known62.motif) | [svg](http://docs.google.com/knownResults//known62.logo.svg) |
| 63 | T A C G T C G A G A C T A C T G C T G A A G T C T C A G G A C T T G A C C T G A | Atf1(bZIP)/K562-ATF1-ChIP-Seq(GSE31477)/Homer | 1e-4 | -9.350e+00 | 0.0006 | 1075.0 | 5.70% | 1617.2 | 5.09% | [motif file (matrix)](http://docs.google.com/knownResults//known63.motif) | [svg](http://docs.google.com/knownResults//known63.logo.svg) |
| 64 | T A G C G C T A T C G A C T G A A G T C A G T C C T G A A G T C C G T A C T A G | RUNX(Runt)/HPC7-Runx1-ChIP-Seq(GSE22178)/Homer | 1e-3 | -9.065e+00 | 0.0008 | 1207.0 | 6.40% | 1833.0 | 5.77% | [motif file (matrix)](http://docs.google.com/knownResults//known64.motif) | [svg](http://docs.google.com/knownResults//known64.logo.svg) |
| 65 | T C G A T A G C T G A C C T G A A G T C A C T G G A C T C A T G | c-Myc(bHLH)/LNCAP-cMyc-ChIP-Seq(Unpublished)/Homer | 1e-3 | -8.563e+00 | 0.0013 | 446.0 | 2.37% | 633.7 | 1.99% | [motif file (matrix)](http://docs.google.com/knownResults//known65.motif) | [svg](http://docs.google.com/knownResults//known65.logo.svg) |
| 66 | G T A C G A C T C G T A C T G A T C G A C G T A G C T A C A G T C T G A T A C G | Mef2a(MADS)/HL1-Mef2a.biotin-ChIP-Seq(GSE21529)/Homer | 1e-3 | -8.441e+00 | 0.0014 | 883.0 | 4.68% | 1322.9 | 4.16% | [motif file (matrix)](http://docs.google.com/knownResults//known66.motif) | [svg](http://docs.google.com/knownResults//known66.logo.svg) |
| 67 | C A T G A G T C G A C T C G T A C G A T G C A T G A C T G C A T C G A T C T A G C A T G T G A C | Mef2b(MADS)/HEK293-Mef2b.V5-ChIP-Seq(GSE67450)/Homer | 1e-3 | -8.187e+00 | 0.0018 | 1715.0 | 9.10% | 2666.6 | 8.39% | [motif file (matrix)](http://docs.google.com/knownResults//known67.motif) | [svg](http://docs.google.com/knownResults//known67.logo.svg) |
| 68 | T C A G T A C G G A T C G T A C T C G A C G A T C T G A C G T A G C T A C G T A | Hoxd11(Homeobox)/ChickenMSG-Hoxd11.Flag-ChIP-Seq(GSE86088)/Homer | 1e-3 | -8.137e+00 | 0.0019 | 4992.0 | 26.48% | 8066.8 | 25.39% | [motif file (matrix)](http://docs.google.com/knownResults//known68.motif) | [svg](http://docs.google.com/knownResults//known68.logo.svg) |
| 69 | T G A C C T G A C T A G T C G A C T G A A T G C C G T A A C T G G C A T G T A C G C A T A T C G G C A T A G C T G A T C | PR(NR)/T47D-PR-ChIP-Seq(GSE31130)/Homer | 1e-3 | -8.135e+00 | 0.0019 | 3839.0 | 20.37% | 6154.7 | 19.37% | [motif file (matrix)](http://docs.google.com/knownResults//known69.motif) | [svg](http://docs.google.com/knownResults//known69.logo.svg) |
| 70 | C T G A C T A G T G C A C T G A T C G A A G C T C A T G T C G A A G T C G A C T A C G T A G T C G A T C G A T C G A C T | ZNF528(Zf)/HEK293-ZNF528.GFP-ChIP-Seq(GSE58341)/Homer | 1e-3 | -7.705e+00 | 0.0028 | 16.0 | 0.08% | 10.5 | 0.03% | [motif file (matrix)](http://docs.google.com/knownResults//known70.motif) | [svg](http://docs.google.com/knownResults//known70.logo.svg) |
| 71 | G A C T T C A G C T A G A G T C A G T C G T A C A G T C C T G A A G T C A G T C A G T C G A C T A G T C A C T G A T G C | KLF3(Zf)/MEF-Klf3-ChIP-Seq(GSE44748)/Homer | 1e-3 | -7.699e+00 | 0.0028 | 497.0 | 2.64% | 720.9 | 2.27% | [motif file (matrix)](http://docs.google.com/knownResults//known71.motif) | [svg](http://docs.google.com/knownResults//known71.logo.svg) |
| 72 | T C A G A G C T A T G C C G T A A G T C T C A G A C G T A T C G T C G A A G T C G A T C T G A C | TFE3(bHLH)/MEF-TFE3-ChIP-Seq(GSE75757)/Homer | 1e-3 | -7.287e+00 | 0.0042 | 98.0 | 0.52% | 117.0 | 0.37% | [motif file (matrix)](http://docs.google.com/knownResults//known72.motif) | [svg](http://docs.google.com/knownResults//known72.logo.svg) |
| 73 | A C T G G A T C G A C T A C T G A C G T C A T G A C T G A C G T A G C T C G A T | RUNX-AML(Runt)/CD4+-PolII-ChIP-Seq(Barski\_et\_al.)/Homer | 1e-3 | -7.217e+00 | 0.0044 | 1261.0 | 6.69% | 1946.5 | 6.13% | [motif file (matrix)](http://docs.google.com/knownResults//known73.motif) | [svg](http://docs.google.com/knownResults//known73.logo.svg) |
| 74 | A T C G A G T C A G T C G A C T A T G C C T G A C T A G A C T G T A C G G T A C C T G A C G A T | AP-2gamma(AP2)/MCF7-TFAP2C-ChIP-Seq(GSE21234)/Homer | 1e-2 | -6.729e+00 | 0.0071 | 1605.0 | 8.51% | 2513.1 | 7.91% | [motif file (matrix)](http://docs.google.com/knownResults//known74.motif) | [svg](http://docs.google.com/knownResults//known74.logo.svg) |
| 75 | T C A G C T G A C G T A C G T A T A C G G C A T C T A G C T G A C G T A C G T A T A C G G A C T | IRF1(IRF)/PBMC-IRF1-ChIP-Seq(GSE43036)/Homer | 1e-2 | -6.428e+00 | 0.0095 | 299.0 | 1.59% | 423.9 | 1.33% | [motif file (matrix)](http://docs.google.com/knownResults//known75.motif) | [svg](http://docs.google.com/knownResults//known75.logo.svg) |
| 76 | G T C A T C G A C T A G C T A G A G T C G T C A C G A T C T A G G A C T G A T C G A T C T C A G C T A G C T G A A G T C G C T A C A G T T C A G G A T C G A T C | p63(p53)/Keratinocyte-p63-ChIP-Seq(GSE17611)/Homer | 1e-2 | -6.352e+00 | 0.0101 | 479.0 | 2.54% | 705.9 | 2.22% | [motif file (matrix)](http://docs.google.com/knownResults//known76.motif) | [svg](http://docs.google.com/knownResults//known76.logo.svg) |
| 77 | A G T C G A C T C A G T A C T G C T A G T G A C G C T A A T G C G C A T A T C G C G A T A C T G G A T C G T A C G T C A C T G A | NF1(CTF)/LNCAP-NF1-ChIP-Seq(Unpublished)/Homer | 1e-2 | -6.192e+00 | 0.0117 | 589.0 | 3.12% | 881.6 | 2.77% | [motif file (matrix)](http://docs.google.com/knownResults//known77.motif) | [svg](http://docs.google.com/knownResults//known77.logo.svg) |
| 78 | G A C T A G T C C G A T A C T G C T G A T G A C G T A C C G T A A T C G G C A T C T G A C T A G | Bcl11a(Zf)/HSPC-BCL11A-ChIP-Seq(GSE104676)/Homer | 1e-2 | -6.181e+00 | 0.0117 | 1219.0 | 6.47% | 1895.1 | 5.96% | [motif file (matrix)](http://docs.google.com/knownResults//known78.motif) | [svg](http://docs.google.com/knownResults//known78.logo.svg) |
| 79 | C G A T G A C T C G A T T C A G G A C T A C G T C A G T C T G A G A C T G A C T A G C T C G A T A C T G A T C G G T A C G C T A | NF1:FOXA1(CTF,Forkhead)/LNCAP-FOXA1-ChIP-Seq(GSE27824)/Homer | 1e-2 | -6.170e+00 | 0.0117 | 90.0 | 0.48% | 110.7 | 0.35% | [motif file (matrix)](http://docs.google.com/knownResults//known79.motif) | [svg](http://docs.google.com/knownResults//known79.logo.svg) |
| 80 | C A T G T G A C C G T A A G T C T A C G G C A T A C T G G T C A A T G C A G T C | bHLHE41(bHLH)/proB-Bhlhe41-ChIP-Seq(GSE93764)/Homer | 1e-2 | -6.148e+00 | 0.0118 | 1287.0 | 6.83% | 2006.4 | 6.31% | [motif file (matrix)](http://docs.google.com/knownResults//known80.motif) | [svg](http://docs.google.com/knownResults//known80.logo.svg) |
| 81 | T C G A T G A C G C A T A G C T C A G T G A T C G C T A G A T C G A C T A C G T G C A T A G T C | PRDM1(Zf)/Hela-PRDM1-ChIP-Seq(GSE31477)/Homer | 1e-2 | -6.136e+00 | 0.0118 | 1097.0 | 5.82% | 1698.5 | 5.35% | [motif file (matrix)](http://docs.google.com/knownResults//known81.motif) | [svg](http://docs.google.com/knownResults//known81.logo.svg) |
| 82 | T G C A T C G A T C G A A C G T C A T G C G T A A G T C T C A G A C G T G T A C C G T A A G C T | CREB5(bZIP)/LNCaP-CREB5.V5-ChIP-Seq(GSE137775)/Homer | 1e-2 | -6.048e+00 | 0.0127 | 640.0 | 3.40% | 964.8 | 3.04% | [motif file (matrix)](http://docs.google.com/knownResults//known82.motif) | [svg](http://docs.google.com/knownResults//known82.logo.svg) |
| 83 | C T A G G T A C A G T C T G C A A G T C C T G A A G T C A G T C A G T C G C T A | Klf4(Zf)/mES-Klf4-ChIP-Seq(GSE11431)/Homer | 1e-2 | -6.047e+00 | 0.0127 | 470.0 | 2.49% | 694.7 | 2.19% | [motif file (matrix)](http://docs.google.com/knownResults//known83.motif) | [svg](http://docs.google.com/knownResults//known83.logo.svg) |
| 84 | A T G C A T G C A T C G T A C G A G C T A G T C G C T A A G T C T C A G G A C T A C T G T C G A | E-box(bHLH)/Promoter/Homer | 1e-2 | -6.025e+00 | 0.0127 | 84.0 | 0.45% | 102.2 | 0.32% | [motif file (matrix)](http://docs.google.com/knownResults//known84.motif) | [svg](http://docs.google.com/knownResults//known84.logo.svg) |
| 85 | A G T C A C G T A C T G A G C T A C G T A C G T G T C A A G T C | Foxo1(Forkhead)/RAW-Foxo1-ChIP-Seq(Fan\_et\_al.)/Homer | 1e-2 | -5.906e+00 | 0.0141 | 3537.0 | 18.76% | 5713.1 | 17.98% | [motif file (matrix)](http://docs.google.com/knownResults//known85.motif) | [svg](http://docs.google.com/knownResults//known85.logo.svg) |
| 86 | G T A C C A G T A C T G A C T G A C T G G A T C A C T G A C G T A C T G A C T G A G T C G A T C | KLF6(Zf)/PDAC-KLF6-ChIP-Seq(GSE64557)/Homer | 1e-2 | -5.728e+00 | 0.0166 | 1302.0 | 6.91% | 2038.5 | 6.42% | [motif file (matrix)](http://docs.google.com/knownResults//known86.motif) | [svg](http://docs.google.com/knownResults//known86.logo.svg) |
| 87 | T G A C G C T A T C G A T G C A A G T C A G T C C G T A A G T C C G T A C T G A G C T A G T A C | RUNX2(Runt)/PCa-RUNX2-ChIP-Seq(GSE33889)/Homer | 1e-2 | -5.719e+00 | 0.0166 | 1454.0 | 7.71% | 2286.5 | 7.20% | [motif file (matrix)](http://docs.google.com/knownResults//known87.motif) | [svg](http://docs.google.com/knownResults//known87.logo.svg) |
| 88 | C T A G T C G A C T G A C G T A T A C G G A C T T C A G T C G A G T C A T G C A T A C G A G C T | IRF2(IRF)/Erythroblas-IRF2-ChIP-Seq(GSE36985)/Homer | 1e-2 | -5.633e+00 | 0.0179 | 208.0 | 1.10% | 289.3 | 0.91% | [motif file (matrix)](http://docs.google.com/knownResults//known88.motif) | [svg](http://docs.google.com/knownResults//known88.logo.svg) |
| 89 | G C T A C G A T C A T G A T G C A G T C A G T C G A C T T A C G T C G A C T A G A C T G T A G C | AP-2alpha(AP2)/Hela-AP2alpha-ChIP-Seq(GSE31477)/Homer | 1e-2 | -5.577e+00 | 0.0187 | 1194.0 | 6.33% | 1865.6 | 5.87% | [motif file (matrix)](http://docs.google.com/knownResults//known89.motif) | [svg](http://docs.google.com/knownResults//known89.logo.svg) |
| 90 | G A C T C T A G G A T C C A G T A C T G C T G A A T G C G C A T A T G C C T G A | MafA(bZIP)/Islet-MafA-ChIP-Seq(GSE30298)/Homer | 1e-2 | -5.510e+00 | 0.0198 | 1251.0 | 6.64% | 1959.7 | 6.17% | [motif file (matrix)](http://docs.google.com/knownResults//known90.motif) | [svg](http://docs.google.com/knownResults//known90.logo.svg) |
| 91 | C G T A A C T G G T C A A C G T A T C G C A G T C T A G T C A G C G T A A C T G C G T A A C G T C G T A C T G A T A C G | GATA3(Zf),DR4/iTreg-Gata3-ChIP-Seq(GSE20898)/Homer | 1e-2 | -5.461e+00 | 0.0205 | 150.0 | 0.80% | 202.2 | 0.64% | [motif file (matrix)](http://docs.google.com/knownResults//known91.motif) | [svg](http://docs.google.com/knownResults//known91.logo.svg) |
| 92 | C T G A G T A C G A C T A G T C C A G T T G C A C T G A A C G T A G C T G A T C C T A G C G A T A C T G A T G C G A C T C T G A G A T C G A C T A G C T G A T C | Mouse\_Recombination\_Hotspot(Zf)/Testis-DMC1-ChIP-Seq(GSE24438)/Homer | 1e-2 | -5.460e+00 | 0.0205 | 132.0 | 0.70% | 175.7 | 0.55% | [motif file (matrix)](http://docs.google.com/knownResults//known92.motif) | [svg](http://docs.google.com/knownResults//known92.logo.svg) |
| 93 | C G A T C T A G A C G T G T C A C G T A C G T A A G T C C G T A | Foxo3(Forkhead)/U2OS-Foxo3-ChIP-Seq(E-MTAB-2701)/Homer | 1e-2 | -5.441e+00 | 0.0205 | 1480.0 | 7.85% | 2334.7 | 7.35% | [motif file (matrix)](http://docs.google.com/knownResults//known93.motif) | [svg](http://docs.google.com/knownResults//known93.logo.svg) |
| 94 | T C A G C T A G C T A G A C T G A C T G G A T C A C T G A C T G C T A G C T A G A G T C G A T C | KLF1(Zf)/HUDEP2-KLF1-CutnRun(GSE136251)/Homer | 1e-2 | -5.361e+00 | 0.0220 | 1031.0 | 5.47% | 1604.3 | 5.05% | [motif file (matrix)](http://docs.google.com/knownResults//known94.motif) | [svg](http://docs.google.com/knownResults//known94.logo.svg) |
| 95 | A C T G G A T C C T G A A T C G A G T C T A G C C T G A C G T A T A C G A G T C C T A G C A G T T C A G T C G A T G A C G A T C | PAX5(Paired,Homeobox)/GM12878-PAX5-ChIP-Seq(GSE32465)/Homer | 1e-2 | -5.353e+00 | 0.0220 | 474.0 | 2.51% | 708.6 | 2.23% | [motif file (matrix)](http://docs.google.com/knownResults//known95.motif) | [svg](http://docs.google.com/knownResults//known95.logo.svg) |
| 96 | C T G A A T C G A G C T A G C T A C G T T A G C C T G A T A C G C G A T A C G T G A C T A G T C | ISRE(IRF)/ThioMac-LPS-Expression(GSE23622)/Homer | 1e-2 | -5.282e+00 | 0.0233 | 134.0 | 0.71% | 179.4 | 0.56% | [motif file (matrix)](http://docs.google.com/knownResults//known96.motif) | [svg](http://docs.google.com/knownResults//known96.logo.svg) |
| 97 | G C T A C T G A T C G A A G T C A G T C C T G A A G T C G T C A C T G A T G C A | RUNX1(Runt)/Jurkat-RUNX1-ChIP-Seq(GSE29180)/Homer | 1e-2 | -5.281e+00 | 0.0233 | 1844.0 | 9.78% | 2934.1 | 9.23% | [motif file (matrix)](http://docs.google.com/knownResults//known97.motif) | [svg](http://docs.google.com/knownResults//known97.logo.svg) |
| 98 | A C T G T G A C G T A C C G T A A G T C T A C G A C G T A C T G G T C A A G T C | NPAS2(bHLH)/Liver-NPAS2-ChIP-Seq(GSE39860)/Homer | 1e-2 | -5.275e+00 | 0.0233 | 1572.0 | 8.34% | 2488.6 | 7.83% | [motif file (matrix)](http://docs.google.com/knownResults//known98.motif) | [svg](http://docs.google.com/knownResults//known98.logo.svg) |
| 99 | C T A G C A T G C A T G T A C G A G T C G C A T A G C T C T A G A C G T A G T C G A C T A C T G A C T G A C T G T C G A | Zfp809(Zf)/ES-Zfp809-ChIP-Seq(GSE70799)/Homer | 1e-2 | -5.266e+00 | 0.0233 | 285.0 | 1.51% | 411.9 | 1.30% | [motif file (matrix)](http://docs.google.com/knownResults//known99.motif) | [svg](http://docs.google.com/knownResults//known99.logo.svg) |
| 100 | T G A C T C G A C T G A C T G A A T G C G A T C C T A G T A C G G A C T G A C T G A T C T C G A C T G A C T G A A T G C G A T C C T A G A T C G G A C T G A C T | Tcfcp2l1(CP2)/mES-Tcfcp2l1-ChIP-Seq(GSE11431)/Homer | 1e-2 | -5.215e+00 | 0.0239 | 193.0 | 1.02% | 269.8 | 0.85% | [motif file (matrix)](http://docs.google.com/knownResults//known100.motif) | [svg](http://docs.google.com/knownResults//known100.logo.svg) |
| 101 | A G C T T G A C C G A T C G A T C T A G A C G T C A G T C A G T G C T A A G T C | FOXK1(Forkhead)/HEK293-FOXK1-ChIP-Seq(GSE51673)/Homer | 1e-2 | -5.080e+00 | 0.0271 | 2046.0 | 10.85% | 3271.5 | 10.30% | [motif file (matrix)](http://docs.google.com/knownResults//known101.motif) | [svg](http://docs.google.com/knownResults//known101.logo.svg) |
| 102 | G C A T C G A T C T A G G C T A G C A T C G T A G A T C G C T A C G A T C G A T C T A G C G A T C G T A C G A T G A T C | DMRT1(DM)/Testis-DMRT1-ChIP-Seq(GSE64892)/Homer | 1e-2 | -5.024e+00 | 0.0284 | 437.0 | 2.32% | 653.4 | 2.06% | [motif file (matrix)](http://docs.google.com/knownResults//known102.motif) | [svg](http://docs.google.com/knownResults//known102.logo.svg) |
| 103 | C G A T C T A G T C A G C A G T C G T A A G T C G C T A A C G T G A C T A T G C A G T C G C T A | PRDM10(Zf)/HEK293-PRDM10.eGFP-ChIP-Seq(Encode)/Homer | 1e-2 | -4.955e+00 | 0.0301 | 1018.0 | 5.40% | 1590.9 | 5.01% | [motif file (matrix)](http://docs.google.com/knownResults//known103.motif) | [svg](http://docs.google.com/knownResults//known103.logo.svg) |
| 104 | G A C T T C G A C G A T T A C G C T A G T A C G A C T G A T G C G T A C G T A C | Zac1(Zf)/Neuro2A-Plagl1-ChIP-Seq(GSE75942)/Homer | 1e-2 | -4.839e+00 | 0.0335 | 4576.0 | 24.28% | 7476.0 | 23.53% | [motif file (matrix)](http://docs.google.com/knownResults//known104.motif) | [svg](http://docs.google.com/knownResults//known104.logo.svg) |
| 105 | C A T G A C G T A G T C G A T C G A T C G A T C G C T A C T A G C T A G C T A G T C A G T C G A | EBF1(EBF)/Near-E2A-ChIP-Seq(GSE21512)/Homer | 1e-2 | -4.793e+00 | 0.0347 | 1778.0 | 9.43% | 2837.6 | 8.93% | [motif file (matrix)](http://docs.google.com/knownResults//known105.motif) | [svg](http://docs.google.com/knownResults//known105.logo.svg) |
| 106 | C A G T T C A G A G C T G A C T A C G T A G T C G A T C G A C T C T G A A C T G G A T C C G T A C T G A A G T C G T A C | Rfx6(HTH)/Min6b1-Rfx6.HA-ChIP-Seq(GSE62844)/Homer | 1e-2 | -4.774e+00 | 0.0351 | 1653.0 | 8.77% | 2632.6 | 8.29% | [motif file (matrix)](http://docs.google.com/knownResults//known106.motif) | [svg](http://docs.google.com/knownResults//known106.logo.svg) |
| 107 | A G T C T G C A T C G A C T G A A C T G C A T G A C G T A T G C G T C A T A C G | Erra(NR)/HepG2-Erra-ChIP-Seq(GSE31477)/Homer | 1e-2 | -4.757e+00 | 0.0353 | 3493.0 | 18.53% | 5675.1 | 17.86% | [motif file (matrix)](http://docs.google.com/knownResults//known107.motif) | [svg](http://docs.google.com/knownResults//known107.logo.svg) |
| 108 | T G A C G T C A A G T C G C T A C T A G A G T C C T G A C A T G A C T G C T A G T A C G T C A G | Zic2(Zf)/ESC-Zic2-ChIP-Seq(SRP197560)/Homer | 1e-2 | -4.617e+00 | 0.0403 | 623.0 | 3.31% | 956.0 | 3.01% | [motif file (matrix)](http://docs.google.com/knownResults//known108.motif) | [svg](http://docs.google.com/knownResults//known108.logo.svg) |