**Supplemental Table S7.** Model coefficients determined for 440 one feature models (single coefficient plus offset) for predicting log2 RNA/DNA ratios for MT and WT experiments. All annotation features and the output variable (MT/WT log2 RNA/DNA ratios) were scaled and centered before fitting the models to allow interpretation of coefficient values. Categorical features were included as n-1 binary columns, where n is the number of levels of the categorical feature. ZNF274 and EZH2 annotations (but not the sequence based models modZNF274 and modEZH2) as none of the inserts overlapped with these ChIP-seq tracks. The table provides the coefficient estimate (Coeff.), standard error (Std. Err.), t-values, and Pr(>|t|), which is the two-tailed p-value corresponding to the t-ratio based on a Student-t distribution. These values are returned by the R glm.summary routine for each model.

| **Annotation feature** | **MT** | | | | **WT** | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Coeff.** | **Std. Err.** | **t value** | **Pr(>|t|)** | **Coeff.** | **Std. Err.** | **t value** | **Pr(>|t|)** |
| SimpleRepeat | 0.015 | 0.021 | 0.731 | 4.646E-01 | -0.003 | 0.021 | -0.119 | 9.050E-01 |
| DHS | 0.065 | 0.021 | 3.087 | 2.047E-03 | 0.090 | 0.021 | 4.283 | 1.925E-05 |
| GenoSTANProm | 0.050 | 0.021 | 2.350 | 1.888E-02 | 0.077 | 0.021 | 3.655 | 2.633E-04 |
| ERBProm | 0.164 | 0.021 | 7.864 | 5.740E-15 | 0.174 | 0.021 | 8.360 | 1.090E-16 |
| Fantom5Enh | 0.048 | 0.021 | 2.289 | 2.218E-02 | 0.083 | 0.021 | 3.958 | 7.785E-05 |
| GenoSTANEnh | 0.012 | 0.021 | 0.546 | 5.852E-01 | 0.014 | 0.021 | 0.675 | 4.995E-01 |
| EnhFinder | -0.009 | 0.021 | -0.412 | 6.803E-01 | 0.019 | 0.021 | 0.919 | 3.582E-01 |
| ERBEnh | -0.046 | 0.021 | -2.157 | 3.113E-02 | -0.045 | 0.021 | -2.143 | 3.220E-02 |
| ERBUniqMot | 0.264 | 0.020 | 12.962 | 4.201E-37 | 0.364 | 0.020 | 18.462 | 6.011E-71 |
| ERBMotBases | 0.211 | 0.021 | 10.225 | 5.123E-24 | 0.290 | 0.020 | 14.330 | 1.266E-44 |
| H3K27ac | 0.004 | 0.021 | 0.182 | 8.553E-01 | 0.017 | 0.021 | 0.809 | 4.186E-01 |
| H3K27acAve | 0.035 | 0.021 | 1.678 | 9.345E-02 | 0.049 | 0.021 | 2.307 | 2.116E-02 |
| H3K27acMax | 0.056 | 0.021 | 2.633 | 8.532E-03 | 0.064 | 0.021 | 3.021 | 2.547E-03 |
| F5Cage | 0.169 | 0.021 | 8.112 | 8.155E-16 | 0.137 | 0.021 | 6.536 | 7.828E-11 |
| F5CageAve | 0.049 | 0.021 | 2.295 | 2.181E-02 | 0.037 | 0.021 | 1.754 | 7.956E-02 |
| F5CageMax | 0.033 | 0.021 | 1.550 | 1.213E-01 | 0.010 | 0.021 | 0.478 | 6.325E-01 |
| TFcount | 0.216 | 0.021 | 10.460 | 4.956E-25 | 0.269 | 0.020 | 13.191 | 2.587E-38 |
| ARID3A | 0.047 | 0.021 | 2.229 | 2.589E-02 | 0.079 | 0.021 | 3.729 | 1.968E-04 |
| ATF3 | 0.180 | 0.021 | 8.650 | 9.641E-18 | 0.223 | 0.021 | 10.818 | 1.277E-26 |
| BHLHE40 | 0.085 | 0.021 | 4.022 | 5.972E-05 | 0.129 | 0.021 | 6.166 | 8.287E-10 |
| BRCA1 | 0.116 | 0.021 | 5.498 | 4.279E-08 | 0.074 | 0.021 | 3.490 | 4.930E-04 |
| CBX1 | 0.151 | 0.021 | 7.202 | 8.078E-13 | 0.159 | 0.021 | 7.590 | 4.681E-14 |
| CEBPB | -0.038 | 0.021 | -1.798 | 7.232E-02 | 0.010 | 0.021 | 0.467 | 6.403E-01 |
| CEBPD | 0.073 | 0.021 | 3.455 | 5.608E-04 | 0.126 | 0.021 | 6.025 | 1.972E-09 |
| CHD2 | 0.148 | 0.021 | 7.083 | 1.886E-12 | 0.180 | 0.021 | 8.670 | 8.162E-18 |
| CTCF | 0.031 | 0.021 | 1.482 | 1.385E-01 | 0.040 | 0.021 | 1.909 | 5.642E-02 |
| ELF1 | 0.199 | 0.021 | 9.597 | 2.122E-21 | 0.214 | 0.021 | 10.363 | 1.307E-24 |
| EP300 | -0.009 | 0.021 | -0.409 | 6.825E-01 | 0.006 | 0.021 | 0.282 | 7.783E-01 |
| FOSL2 | 0.237 | 0.021 | 11.521 | 7.069E-30 | 0.283 | 0.020 | 13.924 | 2.508E-42 |
| FOXA1 | -0.135 | 0.021 | -6.425 | 1.611E-10 | -0.148 | 0.021 | -7.088 | 1.817E-12 |
| FOXA2 | -0.104 | 0.021 | -4.930 | 8.819E-07 | -0.113 | 0.021 | -5.355 | 9.430E-08 |
| FOXK2 | 0.063 | 0.021 | 2.988 | 2.836E-03 | 0.051 | 0.021 | 2.432 | 1.507E-02 |
| GABPA | 0.214 | 0.021 | 10.339 | 1.666E-24 | 0.204 | 0.021 | 9.828 | 2.396E-22 |
| GATA4 | 0.086 | 0.021 | 4.075 | 4.759E-05 | 0.096 | 0.021 | 4.544 | 5.824E-06 |
| HCFC1 | 0.181 | 0.021 | 8.706 | 5.993E-18 | 0.149 | 0.021 | 7.105 | 1.610E-12 |
| HDAC2 | -0.010 | 0.021 | -0.458 | 6.469E-01 | 0.024 | 0.021 | 1.115 | 2.648E-01 |
| HNF4A | -0.019 | 0.021 | -0.899 | 3.689E-01 | -0.023 | 0.021 | -1.071 | 2.845E-01 |
| HNF4G | 0.009 | 0.021 | 0.409 | 6.828E-01 | -0.002 | 0.021 | -0.115 | 9.083E-01 |
| IRF3 | 0.073 | 0.021 | 3.436 | 6.004E-04 | 0.109 | 0.021 | 5.174 | 2.502E-07 |
| JUN | 0.170 | 0.021 | 8.148 | 6.068E-16 | 0.270 | 0.020 | 13.278 | 8.823E-39 |
| JUND | 0.225 | 0.021 | 10.921 | 4.359E-27 | 0.279 | 0.020 | 13.741 | 2.639E-41 |
| MAFF | 0.091 | 0.021 | 4.316 | 1.659E-05 | 0.094 | 0.021 | 4.486 | 7.610E-06 |
| MAFK | 0.094 | 0.021 | 4.467 | 8.319E-06 | 0.099 | 0.021 | 4.704 | 2.702E-06 |
| MAX | 0.116 | 0.021 | 5.536 | 3.465E-08 | 0.131 | 0.021 | 6.226 | 5.714E-10 |
| MAZ | 0.139 | 0.021 | 6.620 | 4.475E-11 | 0.204 | 0.021 | 9.849 | 1.972E-22 |
| MBD4 | -0.006 | 0.021 | -0.275 | 7.837E-01 | 0.035 | 0.021 | 1.641 | 1.010E-01 |
| MXI1 | 0.182 | 0.021 | 8.768 | 3.525E-18 | 0.207 | 0.021 | 10.003 | 4.496E-23 |
| MYBL2 | 0.077 | 0.021 | 3.658 | 2.605E-04 | 0.117 | 0.021 | 5.560 | 3.025E-08 |
| MYC | 0.090 | 0.021 | 4.267 | 2.068E-05 | 0.106 | 0.021 | 5.015 | 5.722E-07 |
| NFIC | 0.050 | 0.021 | 2.345 | 1.913E-02 | 0.071 | 0.021 | 3.361 | 7.907E-04 |
| NR2C2 | 0.072 | 0.021 | 3.400 | 6.846E-04 | 0.074 | 0.021 | 3.524 | 4.337E-04 |
| NRF1 | 0.084 | 0.021 | 3.993 | 6.741E-05 | 0.089 | 0.021 | 4.202 | 2.748E-05 |
| POLR2A | 0.198 | 0.021 | 9.539 | 3.638E-21 | 0.229 | 0.021 | 11.097 | 6.847E-28 |
| POLR2A phosphoS2 | 0.184 | 0.021 | 8.841 | 1.880E-18 | 0.164 | 0.021 | 7.865 | 5.694E-15 |
| POLR2 AphosphoS5 | 0.195 | 0.021 | 9.391 | 1.412E-20 | 0.194 | 0.021 | 9.326 | 2.546E-20 |
| RAD21 | -0.028 | 0.021 | -1.315 | 1.886E-01 | -0.014 | 0.021 | -0.667 | 5.045E-01 |
| RCOR1 | 0.071 | 0.021 | 3.363 | 7.842E-04 | 0.094 | 0.021 | 4.472 | 8.134E-06 |
| REST | 0.161 | 0.021 | 7.718 | 1.768E-14 | 0.170 | 0.021 | 8.132 | 6.934E-16 |
| RFX5 | 0.119 | 0.021 | 5.655 | 1.755E-08 | 0.109 | 0.021 | 5.197 | 2.205E-07 |
| RXRA | -0.030 | 0.021 | -1.399 | 1.619E-01 | -0.010 | 0.021 | -0.466 | 6.412E-01 |
| SIN3A | 0.163 | 0.021 | 7.799 | 9.473E-15 | 0.156 | 0.021 | 7.457 | 1.257E-13 |
| SIN3B | 0.199 | 0.021 | 9.589 | 2.282E-21 | 0.159 | 0.021 | 7.604 | 4.210E-14 |
| SMC3 | -0.008 | 0.021 | -0.375 | 7.076E-01 | 0.027 | 0.021 | 1.268 | 2.049E-01 |
| SP1 | 0.022 | 0.021 | 1.059 | 2.897E-01 | 0.026 | 0.021 | 1.228 | 2.195E-01 |
| SP2 | 0.079 | 0.021 | 3.733 | 1.940E-04 | 0.069 | 0.021 | 3.248 | 1.180E-03 |
| SRF | 0.096 | 0.021 | 4.543 | 5.851E-06 | 0.073 | 0.021 | 3.459 | 5.526E-04 |
| TAF1 | 0.189 | 0.021 | 9.099 | 1.970E-19 | 0.196 | 0.021 | 9.430 | 9.878E-21 |
| TBP | 0.172 | 0.021 | 8.239 | 2.918E-16 | 0.176 | 0.021 | 8.441 | 5.566E-17 |
| TCF12 | 0.038 | 0.021 | 1.788 | 7.397E-02 | 0.075 | 0.021 | 3.532 | 4.210E-04 |
| TCF7L2 | 0.015 | 0.021 | 0.705 | 4.809E-01 | 0.011 | 0.021 | 0.498 | 6.182E-01 |
| TEAD4 | -0.003 | 0.021 | -0.129 | 8.972E-01 | 0.024 | 0.021 | 1.126 | 2.604E-01 |
| TFAP4 | 0.068 | 0.021 | 3.231 | 1.253E-03 | 0.106 | 0.021 | 5.020 | 5.571E-07 |
| USF1 | 0.071 | 0.021 | 3.351 | 8.193E-04 | 0.084 | 0.021 | 3.995 | 6.685E-05 |
| USF2 | 0.074 | 0.021 | 3.499 | 4.758E-04 | 0.101 | 0.021 | 4.792 | 1.763E-06 |
| YY1 | 0.148 | 0.021 | 7.091 | 1.782E-12 | 0.171 | 0.021 | 8.217 | 3.497E-16 |
| ZBTB33 | 0.039 | 0.021 | 1.853 | 6.400E-02 | 0.034 | 0.021 | 1.607 | 1.082E-01 |
| ZBTB7A | 0.048 | 0.021 | 2.248 | 2.466E-02 | 0.098 | 0.021 | 4.668 | 3.218E-06 |
| ZHX2 | 0.149 | 0.021 | 7.103 | 1.634E-12 | 0.146 | 0.021 | 6.987 | 3.683E-12 |
| ZKSCAN1 | 0.063 | 0.021 | 2.972 | 2.994E-03 | 0.047 | 0.021 | 2.209 | 2.725E-02 |
| AveARID3A | 0.064 | 0.021 | 3.011 | 2.634E-03 | 0.105 | 0.021 | 5.007 | 5.972E-07 |
| AveATF3 | 0.196 | 0.021 | 9.460 | 7.522E-21 | 0.184 | 0.021 | 8.829 | 2.086E-18 |
| AveBHLHE40 | 0.080 | 0.021 | 3.782 | 1.595E-04 | 0.102 | 0.021 | 4.836 | 1.415E-06 |
| AveBRCA1 | 0.095 | 0.021 | 4.522 | 6.459E-06 | 0.072 | 0.021 | 3.417 | 6.449E-04 |
| AveCBX1 | 0.127 | 0.021 | 6.045 | 1.751E-09 | 0.127 | 0.021 | 6.061 | 1.587E-09 |
| AveCEBPB | -0.041 | 0.021 | -1.942 | 5.232E-02 | 0.021 | 0.021 | 0.980 | 3.274E-01 |
| AveCEBPD | 0.034 | 0.021 | 1.615 | 1.064E-01 | 0.093 | 0.021 | 4.426 | 1.007E-05 |
| AveCHD2 | 0.122 | 0.021 | 5.788 | 8.119E-09 | 0.135 | 0.021 | 6.442 | 1.436E-10 |
| AveCTCF | 0.008 | 0.021 | 0.367 | 7.140E-01 | 0.026 | 0.021 | 1.247 | 2.124E-01 |
| AveELF1 | 0.228 | 0.021 | 11.082 | 8.004E-28 | 0.206 | 0.021 | 9.935 | 8.635E-23 |
| AveEP300 | 0.047 | 0.021 | 2.212 | 2.704E-02 | 0.115 | 0.021 | 5.495 | 4.342E-08 |
| AveFOSL2 | 0.270 | 0.020 | 13.251 | 1.230E-38 | 0.363 | 0.020 | 18.406 | 1.497E-70 |
| AveFOXA1 | -0.032 | 0.021 | -1.510 | 1.312E-01 | -0.025 | 0.021 | -1.166 | 2.437E-01 |
| AveFOXA2 | -0.041 | 0.021 | -1.923 | 5.459E-02 | -0.036 | 0.021 | -1.709 | 8.765E-02 |
| AveFOXK2 | 0.061 | 0.021 | 2.880 | 4.019E-03 | 0.053 | 0.021 | 2.500 | 1.248E-02 |
| AveGABPA | 0.202 | 0.021 | 9.736 | 5.740E-22 | 0.164 | 0.021 | 7.871 | 5.458E-15 |
| AveGATA4 | 0.026 | 0.021 | 1.239 | 2.154E-01 | 0.048 | 0.021 | 2.267 | 2.348E-02 |
| AveHCFC1 | 0.171 | 0.021 | 8.187 | 4.451E-16 | 0.122 | 0.021 | 5.813 | 7.017E-09 |
| AveHDAC2 | -0.030 | 0.021 | -1.422 | 1.552E-01 | 0.013 | 0.021 | 0.618 | 5.369E-01 |
| AveHNF4A | 0.031 | 0.021 | 1.453 | 1.463E-01 | 0.052 | 0.021 | 2.483 | 1.312E-02 |
| AveHNF4G | 0.017 | 0.021 | 0.826 | 4.091E-01 | 0.041 | 0.021 | 1.936 | 5.294E-02 |
| AveIRF3 | 0.073 | 0.021 | 3.453 | 5.656E-04 | 0.105 | 0.021 | 4.997 | 6.272E-07 |
| AveJUN | 0.222 | 0.021 | 10.760 | 2.319E-26 | 0.334 | 0.020 | 16.761 | 1.727E-59 |
| AveJUND | 0.295 | 0.020 | 14.572 | 5.109E-46 | 0.405 | 0.019 | 20.928 | 5.892E-89 |
| AveMAFF | 0.081 | 0.021 | 3.823 | 1.356E-04 | 0.112 | 0.021 | 5.312 | 1.189E-07 |
| AveMAFK | 0.051 | 0.021 | 2.420 | 1.560E-02 | 0.079 | 0.021 | 3.765 | 1.711E-04 |
| AveMAX | 0.143 | 0.021 | 6.824 | 1.140E-11 | 0.156 | 0.021 | 7.472 | 1.126E-13 |
| AveMAZ | 0.157 | 0.021 | 7.528 | 7.446E-14 | 0.207 | 0.021 | 10.009 | 4.229E-23 |
| AveMBD4 | -0.001 | 0.021 | -0.069 | 9.451E-01 | 0.031 | 0.021 | 1.462 | 1.438E-01 |
| AveMXI1 | 0.204 | 0.021 | 9.847 | 1.996E-22 | 0.213 | 0.021 | 10.311 | 2.203E-24 |
| AveMYBL2 | 0.070 | 0.021 | 3.335 | 8.678E-04 | 0.096 | 0.021 | 4.552 | 5.595E-06 |
| AveMYC | 0.101 | 0.021 | 4.797 | 1.714E-06 | 0.117 | 0.021 | 5.590 | 2.541E-08 |
| AveNFIC | 0.043 | 0.021 | 2.052 | 4.026E-02 | 0.064 | 0.021 | 3.024 | 2.524E-03 |
| AveNR2C2 | 0.077 | 0.021 | 3.651 | 2.670E-04 | 0.073 | 0.021 | 3.479 | 5.122E-04 |
| AveNRF1 | 0.075 | 0.021 | 3.536 | 4.142E-04 | 0.084 | 0.021 | 3.963 | 7.642E-05 |
| AvePOLR2A | 0.229 | 0.021 | 11.134 | 4.601E-28 | 0.252 | 0.020 | 12.296 | 1.143E-33 |
| AvePOLR2A phosphoS2 | 0.174 | 0.021 | 8.349 | 1.194E-16 | 0.143 | 0.021 | 6.807 | 1.277E-11 |
| AvePOLR2 AphosphoS5 | 0.183 | 0.021 | 8.774 | 3.350E-18 | 0.181 | 0.021 | 8.703 | 6.152E-18 |
| AveRAD21 | -0.022 | 0.021 | -1.018 | 3.086E-01 | -0.005 | 0.021 | -0.214 | 8.303E-01 |
| AveRCOR1 | 0.080 | 0.021 | 3.811 | 1.421E-04 | 0.101 | 0.021 | 4.810 | 1.610E-06 |
| AveREST | 0.153 | 0.021 | 7.304 | 3.866E-13 | 0.127 | 0.021 | 6.064 | 1.557E-09 |
| AveRFX5 | 0.092 | 0.021 | 4.346 | 1.448E-05 | 0.100 | 0.021 | 4.752 | 2.142E-06 |
| AveRXRA | -0.018 | 0.021 | -0.849 | 3.962E-01 | 0.021 | 0.021 | 0.985 | 3.249E-01 |
| AveSIN3A | 0.174 | 0.021 | 8.364 | 1.055E-16 | 0.162 | 0.021 | 7.783 | 1.075E-14 |
| AveSIN3B | 0.184 | 0.021 | 8.831 | 2.054E-18 | 0.127 | 0.021 | 6.046 | 1.732E-09 |
| AveSMC3 | -0.030 | 0.021 | -1.408 | 1.593E-01 | 0.008 | 0.021 | 0.366 | 7.145E-01 |
| AveSP1 | 0.043 | 0.021 | 2.032 | 4.229E-02 | 0.090 | 0.021 | 4.258 | 2.151E-05 |
| AveSP2 | 0.066 | 0.021 | 3.128 | 1.782E-03 | 0.060 | 0.021 | 2.849 | 4.427E-03 |
| AveSRF | 0.071 | 0.021 | 3.352 | 8.153E-04 | 0.055 | 0.021 | 2.597 | 9.457E-03 |
| AveTAF1 | 0.194 | 0.021 | 9.354 | 1.985E-20 | 0.189 | 0.021 | 9.088 | 2.164E-19 |
| AveTBP | 0.155 | 0.021 | 7.407 | 1.818E-13 | 0.153 | 0.021 | 7.335 | 3.080E-13 |
| AveTCF12 | 0.033 | 0.021 | 1.567 | 1.174E-01 | 0.074 | 0.021 | 3.507 | 4.626E-04 |
| AveTCF7L2 | 0.022 | 0.021 | 1.060 | 2.891E-01 | 0.027 | 0.021 | 1.266 | 2.058E-01 |
| AveTEAD4 | -0.010 | 0.021 | -0.465 | 6.420E-01 | 0.031 | 0.021 | 1.482 | 1.385E-01 |
| AveTFAP4 | 0.018 | 0.021 | 0.861 | 3.895E-01 | 0.039 | 0.021 | 1.830 | 6.734E-02 |
| AveUSF1 | 0.080 | 0.021 | 3.798 | 1.500E-04 | 0.103 | 0.021 | 4.882 | 1.125E-06 |
| AveUSF2 | 0.077 | 0.021 | 3.642 | 2.771E-04 | 0.105 | 0.021 | 4.977 | 6.967E-07 |
| AveYY1 | 0.158 | 0.021 | 7.573 | 5.306E-14 | 0.125 | 0.021 | 5.954 | 3.024E-09 |
| AveZBTB33 | 0.053 | 0.021 | 2.493 | 1.275E-02 | 0.046 | 0.021 | 2.188 | 2.877E-02 |
| AveZBTB7A | 0.019 | 0.021 | 0.919 | 3.582E-01 | 0.067 | 0.021 | 3.196 | 1.415E-03 |
| AveZHX2 | 0.180 | 0.021 | 8.663 | 8.624E-18 | 0.140 | 0.021 | 6.662 | 3.396E-11 |
| AveZKSCAN1 | 0.026 | 0.021 | 1.221 | 2.224E-01 | 0.012 | 0.021 | 0.572 | 5.677E-01 |
| MaxARID3A | 0.053 | 0.021 | 2.520 | 1.181E-02 | 0.095 | 0.021 | 4.500 | 7.158E-06 |
| MaxATF3 | 0.195 | 0.021 | 9.398 | 1.330E-20 | 0.181 | 0.021 | 8.707 | 5.952E-18 |
| MaxBHLHE40 | 0.075 | 0.021 | 3.558 | 3.819E-04 | 0.098 | 0.021 | 4.652 | 3.481E-06 |
| MaxBRCA1 | 0.094 | 0.021 | 4.464 | 8.462E-06 | 0.074 | 0.021 | 3.524 | 4.341E-04 |
| MaxCBX1 | 0.127 | 0.021 | 6.062 | 1.571E-09 | 0.127 | 0.021 | 6.037 | 1.829E-09 |
| MaxCEBPB | -0.041 | 0.021 | -1.958 | 5.041E-02 | 0.019 | 0.021 | 0.904 | 3.662E-01 |
| MaxCEBPD | 0.026 | 0.021 | 1.231 | 2.183E-01 | 0.091 | 0.021 | 4.307 | 1.725E-05 |
| MaxCHD2 | 0.127 | 0.021 | 6.029 | 1.929E-09 | 0.139 | 0.021 | 6.639 | 3.943E-11 |
| MaxCTCF | 0.010 | 0.021 | 0.455 | 6.495E-01 | 0.029 | 0.021 | 1.369 | 1.711E-01 |
| MaxELF1 | 0.224 | 0.021 | 10.885 | 6.370E-27 | 0.207 | 0.021 | 9.981 | 5.528E-23 |
| MaxEP300 | 0.047 | 0.021 | 2.215 | 2.683E-02 | 0.116 | 0.021 | 5.497 | 4.302E-08 |
| MaxFOSL2 | 0.262 | 0.020 | 12.815 | 2.489E-36 | 0.350 | 0.020 | 17.680 | 1.417E-65 |
| MaxFOXA1 | -0.036 | 0.021 | -1.725 | 8.467E-02 | -0.031 | 0.021 | -1.446 | 1.482E-01 |
| MaxFOXA2 | -0.049 | 0.021 | -2.314 | 2.077E-02 | -0.045 | 0.021 | -2.147 | 3.192E-02 |
| MaxFOXK2 | 0.057 | 0.021 | 2.710 | 6.772E-03 | 0.051 | 0.021 | 2.405 | 1.626E-02 |
| MaxGABPA | 0.205 | 0.021 | 9.906 | 1.138E-22 | 0.171 | 0.021 | 8.205 | 3.843E-16 |
| MaxGATA4 | 0.025 | 0.021 | 1.173 | 2.409E-01 | 0.051 | 0.021 | 2.418 | 1.569E-02 |
| MaxHCFC1 | 0.176 | 0.021 | 8.450 | 5.168E-17 | 0.128 | 0.021 | 6.117 | 1.119E-09 |
| MaxHDAC2 | -0.035 | 0.021 | -1.644 | 1.002E-01 | 0.009 | 0.021 | 0.441 | 6.591E-01 |
| MaxHNF4A | 0.027 | 0.021 | 1.282 | 2.000E-01 | 0.046 | 0.021 | 2.177 | 2.955E-02 |
| MaxHNF4G | 0.000 | 0.021 | -0.010 | 9.919E-01 | 0.031 | 0.021 | 1.468 | 1.422E-01 |
| MaxIRF3 | 0.059 | 0.021 | 2.789 | 5.334E-03 | 0.086 | 0.021 | 4.093 | 4.413E-05 |
| MaxJUN | 0.201 | 0.021 | 9.717 | 6.905E-22 | 0.304 | 0.020 | 15.107 | 3.610E-49 |
| MaxJUND | 0.276 | 0.020 | 13.573 | 2.201E-40 | 0.377 | 0.020 | 19.240 | 1.863E-76 |
| MaxMAFF | 0.061 | 0.021 | 2.882 | 3.993E-03 | 0.090 | 0.021 | 4.287 | 1.891E-05 |
| MaxMAFK | 0.054 | 0.021 | 2.549 | 1.088E-02 | 0.081 | 0.021 | 3.833 | 1.300E-04 |
| MaxMAX | 0.131 | 0.021 | 6.266 | 4.430E-10 | 0.158 | 0.021 | 7.577 | 5.128E-14 |
| MaxMAZ | 0.150 | 0.021 | 7.180 | 9.468E-13 | 0.202 | 0.021 | 9.742 | 5.432E-22 |
| MaxMBD4 | -0.006 | 0.021 | -0.289 | 7.730E-01 | 0.033 | 0.021 | 1.548 | 1.217E-01 |
| MaxMXI1 | 0.194 | 0.021 | 9.327 | 2.544E-20 | 0.200 | 0.021 | 9.630 | 1.559E-21 |
| MaxMYBL2 | 0.067 | 0.021 | 3.185 | 1.468E-03 | 0.107 | 0.021 | 5.069 | 4.323E-07 |
| MaxMYC | 0.105 | 0.021 | 4.980 | 6.837E-07 | 0.117 | 0.021 | 5.555 | 3.114E-08 |
| MaxNFIC | 0.042 | 0.021 | 1.986 | 4.715E-02 | 0.069 | 0.021 | 3.285 | 1.034E-03 |
| MaxNR2C2 | 0.079 | 0.021 | 3.757 | 1.763E-04 | 0.073 | 0.021 | 3.473 | 5.243E-04 |
| MaxNRF1 | 0.071 | 0.021 | 3.352 | 8.146E-04 | 0.081 | 0.021 | 3.818 | 1.381E-04 |
| MaxPOLR2A | 0.230 | 0.021 | 11.193 | 2.463E-28 | 0.252 | 0.020 | 12.303 | 1.051E-33 |
| MaxPOLR2A phosphoS2 | 0.169 | 0.021 | 8.117 | 7.813E-16 | 0.139 | 0.021 | 6.640 | 3.914E-11 |
| MaxPOLR2A phosphoS5 | 0.229 | 0.021 | 11.125 | 5.076E-28 | 0.233 | 0.021 | 11.338 | 5.191E-29 |
| MaxRAD21 | -0.018 | 0.021 | -0.872 | 3.833E-01 | 0.001 | 0.021 | 0.027 | 9.782E-01 |
| MaxRCOR1 | 0.076 | 0.021 | 3.605 | 3.189E-04 | 0.098 | 0.021 | 4.678 | 3.071E-06 |
| MaxREST | 0.152 | 0.021 | 7.288 | 4.339E-13 | 0.128 | 0.021 | 6.101 | 1.239E-09 |
| MaxRFX5 | 0.096 | 0.021 | 4.549 | 5.671E-06 | 0.112 | 0.021 | 5.309 | 1.214E-07 |
| MaxRXRA | -0.021 | 0.021 | -0.973 | 3.305E-01 | 0.019 | 0.021 | 0.881 | 3.786E-01 |
| MaxSIN3A | 0.182 | 0.021 | 8.770 | 3.463E-18 | 0.167 | 0.021 | 8.001 | 1.964E-15 |
| MaxSIN3B | 0.193 | 0.021 | 9.308 | 3.001E-20 | 0.134 | 0.021 | 6.388 | 2.035E-10 |
| MaxSMC3 | -0.028 | 0.021 | -1.327 | 1.848E-01 | 0.009 | 0.021 | 0.412 | 6.807E-01 |
| MaxSP1 | 0.041 | 0.021 | 1.916 | 5.550E-02 | 0.086 | 0.021 | 4.087 | 4.527E-05 |
| MaxSP2 | 0.061 | 0.021 | 2.897 | 3.806E-03 | 0.056 | 0.021 | 2.635 | 8.483E-03 |
| MaxSRF | 0.065 | 0.021 | 3.075 | 2.130E-03 | 0.043 | 0.021 | 2.028 | 4.263E-02 |
| MaxTAF1 | 0.198 | 0.021 | 9.567 | 2.803E-21 | 0.201 | 0.021 | 9.706 | 7.609E-22 |
| MaxTBP | 0.151 | 0.021 | 7.218 | 7.192E-13 | 0.160 | 0.021 | 7.669 | 2.564E-14 |
| MaxTCF12 | 0.028 | 0.021 | 1.325 | 1.853E-01 | 0.070 | 0.021 | 3.321 | 9.107E-04 |
| MaxTCF7L2 | 0.023 | 0.021 | 1.085 | 2.782E-01 | 0.029 | 0.021 | 1.350 | 1.773E-01 |
| MaxTEAD4 | -0.014 | 0.021 | -0.663 | 5.071E-01 | 0.025 | 0.021 | 1.193 | 2.329E-01 |
| MaxTFAP4 | 0.023 | 0.021 | 1.081 | 2.797E-01 | 0.046 | 0.021 | 2.197 | 2.811E-02 |
| MaxUSF1 | 0.069 | 0.021 | 3.274 | 1.077E-03 | 0.097 | 0.021 | 4.627 | 3.916E-06 |
| MaxUSF2 | 0.067 | 0.021 | 3.158 | 1.609E-03 | 0.103 | 0.021 | 4.885 | 1.105E-06 |
| MaxYY1 | 0.160 | 0.021 | 7.646 | 3.050E-14 | 0.134 | 0.021 | 6.376 | 2.200E-10 |
| MaxZBTB33 | 0.058 | 0.021 | 2.752 | 5.979E-03 | 0.051 | 0.021 | 2.400 | 1.650E-02 |
| MaxZBTB7A | 0.018 | 0.021 | 0.861 | 3.893E-01 | 0.072 | 0.021 | 3.394 | 7.006E-04 |
| MaxZHX2 | 0.185 | 0.021 | 8.906 | 1.069E-18 | 0.152 | 0.021 | 7.261 | 5.299E-13 |
| MaxZKSCAN1 | 0.023 | 0.021 | 1.086 | 2.775E-01 | 0.011 | 0.021 | 0.506 | 6.131E-01 |
| RMhepG2 CAGE | 0.149 | 0.021 | 7.117 | 1.485E-12 | 0.140 | 0.021 | 6.699 | 2.654E-11 |
| RMhepG2 DNase | 0.105 | 0.021 | 4.995 | 6.347E-07 | 0.139 | 0.021 | 6.643 | 3.846E-11 |
| RMhepG2 H2A.Z | 0.039 | 0.021 | 1.823 | 6.847E-02 | 0.011 | 0.021 | 0.529 | 5.966E-01 |
| RMhepG2 H3K27ac | 0.024 | 0.021 | 1.148 | 2.510E-01 | 0.010 | 0.021 | 0.495 | 6.204E-01 |
| RMhepG2 H3K27me3 | 0.009 | 0.021 | 0.412 | 6.803E-01 | -0.012 | 0.021 | -0.559 | 5.759E-01 |
| RMhepG2 H3K36me3 | -0.012 | 0.021 | -0.586 | 5.582E-01 | 0.003 | 0.021 | 0.141 | 8.880E-01 |
| RMhepG2 H3K4me1 | -0.195 | 0.021 | -9.379 | 1.576E-20 | -0.237 | 0.021 | -11.528 | 6.601E-30 |
| RMhepG2 H3K4me2 | -0.056 | 0.021 | -2.672 | 7.596E-03 | -0.064 | 0.021 | -3.046 | 2.350E-03 |
| RMhepG2 H3K4me3 | 0.078 | 0.021 | 3.709 | 2.131E-04 | 0.089 | 0.021 | 4.230 | 2.426E-05 |
| RMhepG2 H3K79me2 | -0.033 | 0.021 | -1.541 | 1.233E-01 | -0.031 | 0.021 | -1.472 | 1.413E-01 |
| RMhepG2 H3K9ac | 0.066 | 0.021 | 3.107 | 1.914E-03 | 0.056 | 0.021 | 2.650 | 8.115E-03 |
| RMhepG2 H3K9me3 | 0.016 | 0.021 | 0.747 | 4.550E-01 | -0.005 | 0.021 | -0.240 | 8.100E-01 |
| RMhepG2 H4K20me1 | -0.052 | 0.021 | -2.477 | 1.330E-02 | -0.046 | 0.021 | -2.158 | 3.107E-02 |
| AveRMhepG2 CAGE | 0.097 | 0.021 | 4.626 | 3.939E-06 | 0.083 | 0.021 | 3.946 | 8.205E-05 |
| AveRMhepG2 DNase | 0.175 | 0.021 | 8.393 | 8.289E-17 | 0.227 | 0.021 | 11.030 | 1.391E-27 |
| AveRMhepG2 H2A.Z | 0.052 | 0.021 | 2.447 | 1.446E-02 | 0.024 | 0.021 | 1.126 | 2.601E-01 |
| AveRMhepG2 H3K27ac | 0.082 | 0.021 | 3.907 | 9.628E-05 | 0.107 | 0.021 | 5.094 | 3.796E-07 |
| AveRMhepG2 H3K27me3 | 0.011 | 0.021 | 0.526 | 5.990E-01 | -0.015 | 0.021 | -0.686 | 4.930E-01 |
| AveRMhepG2 H3K36me3 | -0.010 | 0.021 | -0.453 | 6.506E-01 | 0.019 | 0.021 | 0.889 | 3.742E-01 |
| AveRMhepG2 H3K4me1 | -0.170 | 0.021 | -8.132 | 6.934E-16 | -0.201 | 0.021 | -9.711 | 7.307E-22 |
| AveRMhepG2 H3K4me2 | 0.028 | 0.021 | 1.312 | 1.897E-01 | 0.025 | 0.021 | 1.199 | 2.307E-01 |
| AveRMhepG2 H3K4me3 | 0.163 | 0.021 | 7.789 | 1.027E-14 | 0.172 | 0.021 | 8.273 | 2.221E-16 |
| AveRMhepG2 H3K79me2 | -0.017 | 0.021 | -0.821 | 4.119E-01 | -0.026 | 0.021 | -1.245 | 2.134E-01 |
| AveRMhepG2 H3K9ac | 0.128 | 0.021 | 6.095 | 1.284E-09 | 0.144 | 0.021 | 6.855 | 9.224E-12 |
| AveRMhepG2 H3K9me3 | 0.017 | 0.021 | 0.822 | 4.112E-01 | -0.005 | 0.021 | -0.243 | 8.082E-01 |
| AveRMhepG2 H4K20me1 | -0.038 | 0.021 | -1.804 | 7.138E-02 | -0.031 | 0.021 | -1.464 | 1.433E-01 |
| MaxRMhepG2 CAGE | 0.117 | 0.021 | 5.584 | 2.639E-08 | 0.099 | 0.021 | 4.697 | 2.805E-06 |
| MaxRMhepG2 DNase | 0.172 | 0.021 | 8.238 | 2.957E-16 | 0.222 | 0.021 | 10.779 | 1.916E-26 |
| MaxRMhepG2 H2A.Z | 0.087 | 0.021 | 4.123 | 3.869E-05 | 0.050 | 0.021 | 2.343 | 1.920E-02 |
| MaxRMhepG2 H3K27ac | 0.102 | 0.021 | 4.838 | 1.404E-06 | 0.138 | 0.021 | 6.575 | 6.043E-11 |
| MaxRMhepG2 H3K27me3 | 0.039 | 0.021 | 1.840 | 6.584E-02 | 0.007 | 0.021 | 0.348 | 7.282E-01 |
| MaxRMhepG2 H3K36me3 | -0.020 | 0.021 | -0.968 | 3.330E-01 | 0.005 | 0.021 | 0.224 | 8.229E-01 |
| MaxRMhepG2 H3K4me1 | -0.141 | 0.021 | -6.711 | 2.442E-11 | -0.161 | 0.021 | -7.697 | 2.075E-14 |
| MaxRMhepG2 H3K4me2 | 0.101 | 0.021 | 4.805 | 1.647E-06 | 0.101 | 0.021 | 4.777 | 1.891E-06 |
| MaxRMhepG2 H3K4me3 | 0.176 | 0.021 | 8.430 | 6.091E-17 | 0.191 | 0.021 | 9.192 | 8.533E-20 |
| MaxRMhepG2 H3K79me2 | 0.019 | 0.021 | 0.900 | 3.683E-01 | 0.017 | 0.021 | 0.814 | 4.157E-01 |
| MaxRMhepG2 H3K9ac | 0.153 | 0.021 | 7.339 | 2.988E-13 | 0.177 | 0.021 | 8.483 | 3.931E-17 |
| MaxRMhepG2 H3K9me3 | 0.016 | 0.021 | 0.776 | 4.378E-01 | -0.006 | 0.021 | -0.265 | 7.909E-01 |
| MaxRMhepG2 H4K20me1 | -0.028 | 0.021 | -1.334 | 1.823E-01 | -0.029 | 0.021 | -1.359 | 1.742E-01 |
| AveRMhepG2 Methylation | -0.185 | 0.021 | -8.886 | 1.270E-18 | -0.220 | 0.021 | -10.664 | 6.259E-26 |
| AveRMhepG2 RNAseq | 0.055 | 0.021 | 2.608 | 9.167E-03 | 0.021 | 0.021 | 0.990 | 3.221E-01 |
| MaxRMhepG2 Methylation | -0.159 | 0.021 | -7.631 | 3.416E-14 | -0.199 | 0.021 | -9.598 | 2.091E-21 |
| MaxRMhepG2 RNAseq | 0.114 | 0.021 | 5.408 | 7.068E-08 | 0.066 | 0.021 | 3.112 | 1.880E-03 |
| GC | 0.135 | 0.021 | 6.452 | 1.346E-10 | 0.162 | 0.021 | 7.775 | 1.144E-14 |
| CpG | 0.216 | 0.021 | 10.450 | 5.483E-25 | 0.211 | 0.021 | 10.221 | 5.361E-24 |
| priPhCons | 0.049 | 0.021 | 2.320 | 2.042E-02 | 0.082 | 0.021 | 3.893 | 1.021E-04 |
| mamPhCons | 0.073 | 0.021 | 3.474 | 5.229E-04 | 0.112 | 0.021 | 5.345 | 9.961E-08 |
| verPhCons | 0.069 | 0.021 | 3.261 | 1.127E-03 | 0.108 | 0.021 | 5.137 | 3.035E-07 |
| priPhyloP | 0.020 | 0.021 | 0.935 | 3.498E-01 | 0.053 | 0.021 | 2.513 | 1.204E-02 |
| mamPhyloP | 0.053 | 0.021 | 2.530 | 1.147E-02 | 0.083 | 0.021 | 3.916 | 9.272E-05 |
| verPhyloP | 0.047 | 0.021 | 2.229 | 2.593E-02 | 0.061 | 0.021 | 2.895 | 3.831E-03 |
| GerpN | 0.062 | 0.021 | 2.934 | 3.377E-03 | 0.069 | 0.021 | 3.245 | 1.190E-03 |
| GerpS | 0.034 | 0.021 | 1.617 | 1.061E-01 | 0.064 | 0.021 | 3.045 | 2.354E-03 |
| GerpRS | 0.018 | 0.021 | 0.828 | 4.075E-01 | 0.031 | 0.021 | 1.443 | 1.492E-01 |
| bStatistic | -0.008 | 0.021 | -0.365 | 7.154E-01 | -0.006 | 0.021 | -0.275 | 7.832E-01 |
| cHmmTssA | 0.195 | 0.021 | 9.396 | 1.358E-20 | 0.192 | 0.021 | 9.229 | 6.162E-20 |
| cHmmTssAFlnk | 0.041 | 0.021 | 1.952 | 5.109E-02 | 0.074 | 0.021 | 3.489 | 4.937E-04 |
| cHmmTxFlnk | 0.089 | 0.021 | 4.212 | 2.633E-05 | 0.095 | 0.021 | 4.489 | 7.519E-06 |
| cHmmTx | -0.054 | 0.021 | -2.545 | 1.100E-02 | -0.067 | 0.021 | -3.197 | 1.406E-03 |
| cHmmTxWk | -0.081 | 0.021 | -3.864 | 1.147E-04 | -0.094 | 0.021 | -4.482 | 7.781E-06 |
| cHmmEnhG | -0.007 | 0.021 | -0.336 | 7.367E-01 | -0.005 | 0.021 | -0.224 | 8.227E-01 |
| cHmmEnh | 0.001 | 0.021 | 0.054 | 9.573E-01 | 0.028 | 0.021 | 1.320 | 1.870E-01 |
| cHmmZnfRpts | -0.002 | 0.021 | -0.116 | 9.078E-01 | 0.002 | 0.021 | 0.098 | 9.218E-01 |
| cHmmHet | 0.020 | 0.021 | 0.969 | 3.327E-01 | 0.008 | 0.021 | 0.379 | 7.050E-01 |
| cHmmTssBiv | 0.051 | 0.021 | 2.407 | 1.614E-02 | 0.071 | 0.021 | 3.348 | 8.286E-04 |
| cHmmBivFlnk | 0.001 | 0.021 | 0.045 | 9.638E-01 | 0.021 | 0.021 | 0.984 | 3.250E-01 |
| cHmmEnhBiv | 0.013 | 0.021 | 0.622 | 5.343E-01 | 0.035 | 0.021 | 1.678 | 9.344E-02 |
| cHmmReprPC | -0.017 | 0.021 | -0.812 | 4.171E-01 | -0.012 | 0.021 | -0.552 | 5.810E-01 |
| cHmmReprPCWk | -0.035 | 0.021 | -1.665 | 9.597E-02 | -0.023 | 0.021 | -1.083 | 2.790E-01 |
| cHmmQuies | -0.075 | 0.021 | -3.552 | 3.903E-04 | -0.093 | 0.021 | -4.430 | 9.869E-06 |
| tOverlapMotifs | 0.138 | 0.021 | 6.571 | 6.203E-11 | 0.206 | 0.021 | 9.954 | 7.198E-23 |
| motifECount | 0.117 | 0.021 | 5.574 | 2.793E-08 | 0.170 | 0.021 | 8.143 | 6.321E-16 |
| motifEHIPos | 0.100 | 0.021 | 4.747 | 2.200E-06 | 0.151 | 0.021 | 7.217 | 7.223E-13 |
| TFBS | 0.268 | 0.020 | 13.129 | 5.524E-38 | 0.301 | 0.020 | 14.905 | 5.680E-48 |
| TFBSPeaks | 0.267 | 0.020 | 13.073 | 1.094E-37 | 0.281 | 0.020 | 13.864 | 5.470E-42 |
| TFBSPeaksMax | 0.199 | 0.021 | 9.621 | 1.688E-21 | 0.243 | 0.021 | 11.846 | 1.924E-31 |
| minDistTSS | -0.008 | 0.021 | -0.395 | 6.927E-01 | -0.007 | 0.021 | -0.331 | 7.407E-01 |
| CADD | 0.118 | 0.021 | 5.628 | 2.048E-08 | 0.139 | 0.021 | 6.619 | 4.516E-11 |
| MaxGC | 0.157 | 0.021 | 7.493 | 9.622E-14 | 0.215 | 0.021 | 10.426 | 6.923E-25 |
| MaxCpG | 0.220 | 0.021 | 10.652 | 7.019E-26 | 0.223 | 0.021 | 10.820 | 1.251E-26 |
| MaxPriPhCons | 0.049 | 0.021 | 2.342 | 1.929E-02 | 0.084 | 0.021 | 3.982 | 7.046E-05 |
| MaxMamPhCons | 0.087 | 0.021 | 4.106 | 4.170E-05 | 0.122 | 0.021 | 5.812 | 7.041E-09 |
| MaxVerPhCons | 0.081 | 0.021 | 3.821 | 1.367E-04 | 0.116 | 0.021 | 5.510 | 4.011E-08 |
| MaxPriPhyloP | -0.039 | 0.021 | -1.832 | 6.715E-02 | -0.039 | 0.021 | -1.827 | 6.781E-02 |
| MaxMamPhyloP | 0.012 | 0.021 | 0.559 | 5.761E-01 | 0.023 | 0.021 | 1.071 | 2.842E-01 |
| MaxVerPhyloP | 0.039 | 0.021 | 1.855 | 6.370E-02 | 0.033 | 0.021 | 1.567 | 1.173E-01 |
| MaxGerpN | 0.013 | 0.021 | 0.595 | 5.519E-01 | 0.020 | 0.021 | 0.939 | 3.478E-01 |
| MaxGerpS | 0.018 | 0.021 | 0.867 | 3.863E-01 | 0.025 | 0.021 | 1.191 | 2.339E-01 |
| MaxBStatistic | -0.050 | 0.021 | -2.387 | 1.705E-02 | -0.049 | 0.021 | -2.342 | 1.926E-02 |
| MaxcHmmTssA | 0.206 | 0.021 | 9.968 | 6.278E-23 | 0.209 | 0.021 | 10.093 | 1.873E-23 |
| MaxcHmm TssAFlnk | 0.053 | 0.021 | 2.490 | 1.283E-02 | 0.088 | 0.021 | 4.173 | 3.126E-05 |
| MaxcHmmTxFlnk | 0.105 | 0.021 | 4.968 | 7.266E-07 | 0.108 | 0.021 | 5.115 | 3.402E-07 |
| MaxcHmmTx | -0.067 | 0.021 | -3.167 | 1.561E-03 | -0.084 | 0.021 | -3.978 | 7.161E-05 |
| MaxcHmmTxWk | -0.098 | 0.021 | -4.646 | 3.585E-06 | -0.112 | 0.021 | -5.340 | 1.026E-07 |
| MaxcHmmEnhG | -0.013 | 0.021 | -0.595 | 5.518E-01 | -0.012 | 0.021 | -0.552 | 5.807E-01 |
| MaxcHmmEnh | -0.009 | 0.021 | -0.423 | 6.722E-01 | 0.018 | 0.021 | 0.855 | 3.928E-01 |
| MaxcHmmZnfRpts | -0.001 | 0.021 | -0.034 | 9.727E-01 | 0.006 | 0.021 | 0.292 | 7.706E-01 |
| MaxcHmmHet | 0.023 | 0.021 | 1.098 | 2.723E-01 | 0.011 | 0.021 | 0.529 | 5.971E-01 |
| MaxcHmmTssBiv | 0.058 | 0.021 | 2.730 | 6.377E-03 | 0.074 | 0.021 | 3.494 | 4.846E-04 |
| MaxcHmmBivFlnk | 0.012 | 0.021 | 0.545 | 5.855E-01 | 0.030 | 0.021 | 1.411 | 1.583E-01 |
| MaxcHmmEnhBiv | 0.022 | 0.021 | 1.052 | 2.927E-01 | 0.047 | 0.021 | 2.210 | 2.719E-02 |
| MaxcHmm ReprPC | -0.015 | 0.021 | -0.712 | 4.763E-01 | -0.011 | 0.021 | -0.501 | 6.161E-01 |
| MaxcHmm ReprPCWk | -0.035 | 0.021 | -1.632 | 1.028E-01 | -0.018 | 0.021 | -0.875 | 3.819E-01 |
| MaxcHmmQuies | -0.086 | 0.021 | -4.079 | 4.682E-05 | -0.103 | 0.021 | -4.890 | 1.082E-06 |
| MaxTOverlapMotifs | 0.117 | 0.021 | 5.587 | 2.591E-08 | 0.174 | 0.021 | 8.345 | 1.229E-16 |
| MaxMotifECount | 0.117 | 0.021 | 5.558 | 3.056E-08 | 0.187 | 0.021 | 8.995 | 4.925E-19 |
| MaxTFBS | 0.288 | 0.020 | 14.216 | 5.651E-44 | 0.338 | 0.020 | 16.951 | 1.003E-60 |
| MaxTFBSPeaks | 0.290 | 0.020 | 14.318 | 1.489E-44 | 0.319 | 0.020 | 15.929 | 3.431E-54 |
| MaxTFBS PeaksMax | 0.200 | 0.021 | 9.633 | 1.512E-21 | 0.258 | 0.020 | 12.639 | 2.028E-35 |
| MaxMinDistTSS | -0.005 | 0.021 | -0.227 | 8.204E-01 | -0.004 | 0.021 | -0.211 | 8.328E-01 |
| MaxCADD | 0.104 | 0.021 | 4.940 | 8.405E-07 | 0.098 | 0.021 | 4.646 | 3.582E-06 |
| modARID3A | 0.086 | 0.021 | 4.089 | 4.480E-05 | 0.166 | 0.021 | 7.944 | 3.083E-15 |
| modATF3 | 0.213 | 0.021 | 10.310 | 2.207E-24 | 0.301 | 0.020 | 14.912 | 5.203E-48 |
| modBHLHE40 | 0.115 | 0.021 | 5.468 | 5.055E-08 | 0.196 | 0.021 | 9.440 | 9.053E-21 |
| modBRCA1 | 0.160 | 0.021 | 7.657 | 2.821E-14 | 0.188 | 0.021 | 9.070 | 2.549E-19 |
| modCBX1 | 0.130 | 0.021 | 6.201 | 6.646E-10 | 0.174 | 0.021 | 8.353 | 1.153E-16 |
| modCEBPB | 0.011 | 0.021 | 0.522 | 6.014E-01 | 0.096 | 0.021 | 4.549 | 5.673E-06 |
| modCEBPD | 0.076 | 0.021 | 3.595 | 3.314E-04 | 0.164 | 0.021 | 7.843 | 6.768E-15 |
| modCHD2 | 0.139 | 0.021 | 6.615 | 4.629E-11 | 0.209 | 0.021 | 10.101 | 1.726E-23 |
| modCTCF | 0.044 | 0.021 | 2.072 | 3.834E-02 | 0.068 | 0.021 | 3.232 | 1.246E-03 |
| modELF1 | 0.190 | 0.021 | 9.158 | 1.166E-19 | 0.247 | 0.020 | 12.065 | 1.622E-32 |
| modEP300 | 0.085 | 0.021 | 4.051 | 5.281E-05 | 0.155 | 0.021 | 7.416 | 1.710E-13 |
| modEZH2 | -0.030 | 0.021 | -1.416 | 1.568E-01 | -0.014 | 0.021 | -0.683 | 4.950E-01 |
| modFOSL2 | 0.238 | 0.021 | 11.567 | 4.292E-30 | 0.329 | 0.020 | 16.491 | 9.631E-58 |
| modFOXA1 | -0.011 | 0.021 | -0.529 | 5.971E-01 | 0.035 | 0.021 | 1.658 | 9.737E-02 |
| modFOXA2 | -0.046 | 0.021 | -2.176 | 2.967E-02 | -0.002 | 0.021 | -0.099 | 9.212E-01 |
| modFOXK2 | 0.067 | 0.021 | 3.196 | 1.413E-03 | 0.111 | 0.021 | 5.293 | 1.321E-07 |
| modGABPA | 0.231 | 0.021 | 11.215 | 1.948E-28 | 0.262 | 0.020 | 12.857 | 1.495E-36 |
| modGATA4 | 0.079 | 0.021 | 3.745 | 1.849E-04 | 0.138 | 0.021 | 6.565 | 6.457E-11 |
| modHCFC1 | 0.202 | 0.021 | 9.728 | 6.200E-22 | 0.228 | 0.021 | 11.079 | 8.265E-28 |
| modHDAC2 | 0.042 | 0.021 | 2.003 | 4.528E-02 | 0.110 | 0.021 | 5.213 | 2.029E-07 |
| modHNF4A | 0.011 | 0.021 | 0.509 | 6.111E-01 | 0.059 | 0.021 | 2.774 | 5.581E-03 |
| modHNF4G | -0.002 | 0.021 | -0.094 | 9.248E-01 | 0.045 | 0.021 | 2.121 | 3.400E-02 |
| modIRF3 | 0.103 | 0.021 | 4.899 | 1.033E-06 | 0.148 | 0.021 | 7.083 | 1.883E-12 |
| modJUN | 0.184 | 0.021 | 8.862 | 1.566E-18 | 0.290 | 0.020 | 14.330 | 1.267E-44 |
| modJUND | 0.247 | 0.021 | 12.040 | 2.155E-32 | 0.361 | 0.020 | 18.284 | 1.039E-69 |
| modMAFF | 0.121 | 0.021 | 5.760 | 9.586E-09 | 0.167 | 0.021 | 8.025 | 1.618E-15 |
| modMAFK | 0.114 | 0.021 | 5.442 | 5.860E-08 | 0.150 | 0.021 | 7.158 | 1.102E-12 |
| modMAX | 0.141 | 0.021 | 6.726 | 2.207E-11 | 0.190 | 0.021 | 9.133 | 1.447E-19 |
| modMAZ | 0.121 | 0.021 | 5.751 | 1.010E-08 | 0.207 | 0.021 | 9.999 | 4.671E-23 |
| modMBD4 | 0.045 | 0.021 | 2.128 | 3.346E-02 | 0.089 | 0.021 | 4.229 | 2.445E-05 |
| modMXI1 | 0.148 | 0.021 | 7.059 | 2.226E-12 | 0.201 | 0.021 | 9.694 | 8.544E-22 |
| modMYBL2 | 0.112 | 0.021 | 5.322 | 1.129E-07 | 0.172 | 0.021 | 8.250 | 2.681E-16 |
| modMYC | 0.116 | 0.021 | 5.523 | 3.710E-08 | 0.184 | 0.021 | 8.862 | 1.565E-18 |
| modNFIC | 0.074 | 0.021 | 3.493 | 4.873E-04 | 0.131 | 0.021 | 6.242 | 5.139E-10 |
| modNR2C2 | 0.129 | 0.021 | 6.160 | 8.612E-10 | 0.167 | 0.021 | 8.019 | 1.707E-15 |
| modNRF1 | 0.070 | 0.021 | 3.316 | 9.282E-04 | 0.108 | 0.021 | 5.157 | 2.737E-07 |
| modPOLR2A | 0.087 | 0.021 | 4.133 | 3.705E-05 | 0.129 | 0.021 | 6.169 | 8.158E-10 |
| modPOLR2A phosphoS2 | 0.091 | 0.021 | 4.310 | 1.701E-05 | 0.130 | 0.021 | 6.196 | 6.859E-10 |
| modPOLR2A phosphoS5 | 0.091 | 0.021 | 4.310 | 1.701E-05 | 0.123 | 0.021 | 5.843 | 5.870E-09 |
| modRAD21 | 0.013 | 0.021 | 0.602 | 5.470E-01 | 0.049 | 0.021 | 2.304 | 2.129E-02 |
| modRCOR1 | 0.094 | 0.021 | 4.453 | 8.872E-06 | 0.141 | 0.021 | 6.728 | 2.174E-11 |
| modREST | 0.134 | 0.021 | 6.399 | 1.897E-10 | 0.190 | 0.021 | 9.123 | 1.586E-19 |
| modRFX5 | 0.154 | 0.021 | 7.343 | 2.901E-13 | 0.204 | 0.021 | 9.837 | 2.199E-22 |
| modRXRA | 0.030 | 0.021 | 1.418 | 1.562E-01 | 0.093 | 0.021 | 4.409 | 1.090E-05 |
| modSIN3A | 0.129 | 0.021 | 6.165 | 8.328E-10 | 0.167 | 0.021 | 8.028 | 1.582E-15 |
| modSIN3B | 0.163 | 0.021 | 7.798 | 9.535E-15 | 0.164 | 0.021 | 7.848 | 6.523E-15 |
| modSMC3 | 0.003 | 0.021 | 0.148 | 8.827E-01 | 0.054 | 0.021 | 2.577 | 1.004E-02 |
| modSP1 | 0.062 | 0.021 | 2.931 | 3.412E-03 | 0.126 | 0.021 | 6.000 | 2.289E-09 |
| modSP2 | 0.178 | 0.021 | 8.532 | 2.610E-17 | 0.208 | 0.021 | 10.066 | 2.438E-23 |
| modSRF | 0.141 | 0.021 | 6.748 | 1.909E-11 | 0.182 | 0.021 | 8.770 | 3.472E-18 |
| modTAF1 | 0.149 | 0.021 | 7.132 | 1.328E-12 | 0.193 | 0.021 | 9.292 | 3.482E-20 |
| modTBP | 0.131 | 0.021 | 6.263 | 4.511E-10 | 0.190 | 0.021 | 9.149 | 1.259E-19 |
| modTCF12 | 0.022 | 0.021 | 1.025 | 3.053E-01 | 0.099 | 0.021 | 4.716 | 2.555E-06 |
| modTCF7L2 | -0.020 | 0.021 | -0.958 | 3.380E-01 | 0.000 | 0.021 | 0.018 | 9.858E-01 |
| modTEAD4 | 0.026 | 0.021 | 1.239 | 2.154E-01 | 0.089 | 0.021 | 4.226 | 2.480E-05 |
| modTFAP4 | 0.082 | 0.021 | 3.865 | 1.140E-04 | 0.141 | 0.021 | 6.717 | 2.350E-11 |
| modUSF1 | 0.110 | 0.021 | 5.213 | 2.033E-07 | 0.172 | 0.021 | 8.234 | 3.045E-16 |
| modUSF2 | 0.113 | 0.021 | 5.373 | 8.566E-08 | 0.174 | 0.021 | 8.348 | 1.205E-16 |
| modYY1 | 0.133 | 0.021 | 6.360 | 2.440E-10 | 0.170 | 0.021 | 8.160 | 5.513E-16 |
| modZBTB33 | 0.020 | 0.021 | 0.969 | 3.327E-01 | 0.054 | 0.021 | 2.567 | 1.032E-02 |
| modZBTB7A | 0.021 | 0.021 | 1.002 | 3.164E-01 | 0.109 | 0.021 | 5.166 | 2.601E-07 |
| modZHX2 | 0.171 | 0.021 | 8.181 | 4.652E-16 | 0.225 | 0.021 | 10.916 | 4.603E-27 |
| modZKSCAN1 | 0.113 | 0.021 | 5.377 | 8.342E-08 | 0.155 | 0.021 | 7.423 | 1.614E-13 |
| modZNF274 | -0.002 | 0.021 | -0.106 | 9.156E-01 | 0.058 | 0.021 | 2.746 | 6.087E-03 |
| OCChIPOnly | 0.370 | 0.334 | 1.107 | 2.686E-01 | 0.288 | 0.334 | 0.863 | 3.884E-01 |
| OCDNaseOnly | 0.019 | 0.187 | 0.104 | 9.174E-01 | -0.011 | 0.187 | -0.057 | 9.547E-01 |
| OCFAIREOnly | -0.141 | 0.072 | -1.962 | 4.984E-02 | -0.325 | 0.072 | -4.544 | 5.801E-06 |
| OCOpenChrom | 0.148 | 0.082 | 1.792 | 7.329E-02 | 0.077 | 0.083 | 0.934 | 3.506E-01 |
| OCUnDef | -0.342 | 0.073 | -4.695 | 2.826E-06 | -0.441 | 0.073 | -6.069 | 1.508E-09 |
| OCValid | 0.147 | 0.047 | 3.107 | 1.913E-03 | 0.295 | 0.047 | 6.282 | 4.017E-10 |
| ChromHMM7-1 | 0.509 | 0.053 | 9.611 | 1.851E-21 | 0.516 | 0.053 | 9.753 | 4.902E-22 |
| ChromHMM7-2 | -0.175 | 0.043 | -4.114 | 4.024E-05 | -0.155 | 0.043 | -3.646 | 2.729E-04 |
| ChromHMM7-3 | -0.108 | 0.044 | -2.436 | 1.495E-02 | -0.142 | 0.044 | -3.191 | 1.437E-03 |
| ChromHMM7-4 | -0.326 | 0.128 | -2.550 | 1.084E-02 | -0.294 | 0.128 | -2.301 | 2.150E-02 |
| ChromHMM7-5 | -0.945 | 1.000 | -0.945 | 3.448E-01 | -0.776 | 1.000 | -0.776 | 4.378E-01 |
| ChromHMM7-6 | -0.159 | 0.409 | -0.389 | 6.972E-01 | 0.153 | 0.409 | 0.374 | 7.083E-01 |
| ChromHMM7-UnDef | -0.628 | 0.578 | -1.087 | 2.769E-01 | -0.764 | 0.578 | -1.322 | 1.863E-01 |
| ChromHMM15 BivFlnk | 0.013 | 0.205 | 0.062 | 9.509E-01 | 0.069 | 0.205 | 0.335 | 7.378E-01 |
| ChromHMM15 Enh | -0.100 | 0.044 | -2.275 | 2.299E-02 | -0.120 | 0.044 | -2.722 | 6.541E-03 |
| ChromHMM15 EnhG | -0.298 | 0.123 | -2.423 | 1.547E-02 | -0.292 | 0.123 | -2.376 | 1.761E-02 |
| ChromHMM15 Quies | -0.670 | 0.707 | -0.948 | 3.434E-01 | -0.530 | 0.707 | -0.749 | 4.542E-01 |
| ChromHMM15 ReprPCWk | NA | NA | NA | NA | NA | NA | NA | NA |
| ChromHMM15 TssA | 0.325 | 0.067 | 4.860 | 1.257E-06 | 0.430 | 0.067 | 6.458 | 1.295E-10 |
| ChromHMM15 TssAFlnk | -0.120 | 0.043 | -2.811 | 4.987E-03 | -0.135 | 0.043 | -3.154 | 1.632E-03 |
| ChromHMM15 TssBiv | 0.629 | 0.091 | 6.882 | 7.624E-12 | 0.570 | 0.092 | 6.220 | 5.928E-10 |
| ChromHMM15 TxFlnk | -0.508 | 0.214 | -2.374 | 1.769E-02 | -0.426 | 0.214 | -1.988 | 4.690E-02 |
| ChromHMM15 TxWk | 0.135 | 0.578 | 0.234 | 8.151E-01 | 0.075 | 0.578 | 0.131 | 8.961E-01 |
| ChromHMM15 UnDef | NA | NA | NA | NA | NA | NA | NA | NA |
| ChromHMM15 ZNF/Rpts | 0.929 | 0.578 | 1.609 | 1.078E-01 | 0.313 | 0.578 | 0.541 | 5.885E-01 |
| SegWayBRD | -0.006 | 0.045 | -0.133 | 8.938E-01 | -0.076 | 0.045 | -1.684 | 9.239E-02 |
| SegWayCON | 0.029 | 0.268 | 0.106 | 9.153E-01 | -0.005 | 0.268 | -0.019 | 9.852E-01 |
| SegWayFAC | 0.088 | 0.095 | 0.923 | 3.560E-01 | 0.154 | 0.095 | 1.618 | 1.057E-01 |
| SegWayQUI | 0.041 | 0.071 | 0.571 | 5.679E-01 | 0.067 | 0.071 | 0.942 | 3.461E-01 |
| SegWaySPC | -0.027 | 0.042 | -0.627 | 5.308E-01 | 0.013 | 0.042 | 0.315 | 7.528E-01 |
| SegWayUnDef | -0.166 | 0.708 | -0.235 | 8.146E-01 | -0.098 | 0.708 | -0.139 | 8.894E-01 |
| SegwayC0 | -0.003 | 0.175 | -0.017 | 9.863E-01 | 0.155 | 0.175 | 0.881 | 3.784E-01 |
| SegwayC1 | -0.337 | 0.173 | -1.954 | 5.088E-02 | -0.324 | 0.173 | -1.874 | 6.100E-02 |
| SegwayD | -0.621 | 0.302 | -2.056 | 3.986E-02 | -0.699 | 0.302 | -2.313 | 2.079E-02 |
| SegwayE/GM | -0.011 | 0.112 | -0.096 | 9.234E-01 | -0.122 | 0.112 | -1.088 | 2.767E-01 |
| SegwayF0 | -0.089 | 0.225 | -0.397 | 6.911E-01 | 0.027 | 0.225 | 0.121 | 9.040E-01 |
| SegwayF1 | -0.328 | 0.190 | -1.724 | 8.483E-02 | -0.279 | 0.190 | -1.467 | 1.426E-01 |
| SegwayGE0 | 0.071 | 0.117 | 0.609 | 5.426E-01 | -0.135 | 0.117 | -1.161 | 2.460E-01 |
| SegwayGE1 | -0.174 | 0.102 | -1.707 | 8.788E-02 | -0.289 | 0.102 | -2.840 | 4.557E-03 |
| SegwayGE2 | -0.401 | 0.181 | -2.220 | 2.654E-02 | -0.062 | 0.181 | -0.344 | 7.308E-01 |
| SegwayGM0 | 0.047 | 0.071 | 0.672 | 5.020E-01 | 0.077 | 0.071 | 1.084 | 2.787E-01 |
| SegwayGM1 | -0.053 | 0.088 | -0.597 | 5.507E-01 | -0.131 | 0.088 | -1.488 | 1.370E-01 |
| SegwayGS | 0.138 | 0.088 | 1.565 | 1.178E-01 | 0.277 | 0.088 | 3.149 | 1.658E-03 |
| SegwayH3K9me1 | -0.476 | 0.251 | -1.897 | 5.802E-02 | -0.468 | 0.251 | -1.867 | 6.206E-02 |
| SegwayL0 | 0.040 | 0.151 | 0.265 | 7.913E-01 | 0.138 | 0.151 | 0.913 | 3.612E-01 |
| SegwayL1 | -0.186 | 0.087 | -2.145 | 3.210E-02 | -0.178 | 0.087 | -2.049 | 4.057E-02 |
| SegwayR0 | -0.233 | 0.130 | -1.792 | 7.328E-02 | -0.196 | 0.130 | -1.509 | 1.315E-01 |
| SegwayR1 | -0.069 | 0.080 | -0.860 | 3.897E-01 | -0.144 | 0.080 | -1.795 | 7.272E-02 |
| SegwayR2 | -0.226 | 0.105 | -2.154 | 3.134E-02 | -0.250 | 0.105 | -2.387 | 1.708E-02 |
| SegwayR3 | -0.193 | 0.116 | -1.661 | 9.688E-02 | -0.236 | 0.116 | -2.035 | 4.198E-02 |
| SegwayR4 | -0.151 | 0.130 | -1.164 | 2.444E-01 | -0.357 | 0.130 | -2.753 | 5.946E-03 |
| SegwayR5 | 0.019 | 0.084 | 0.232 | 8.166E-01 | -0.046 | 0.084 | -0.542 | 5.876E-01 |
| SegwayTF0 | -0.047 | 0.118 | -0.393 | 6.940E-01 | 0.052 | 0.118 | 0.443 | 6.579E-01 |
| SegwayTF1 | -0.092 | 0.093 | -0.986 | 3.241E-01 | -0.074 | 0.093 | -0.790 | 4.294E-01 |
| SegwayTF2 | -0.133 | 0.134 | -0.994 | 3.201E-01 | 0.002 | 0.134 | 0.017 | 9.866E-01 |
| SegwayTSS | 0.702 | 0.066 | 10.611 | 1.068E-25 | 0.770 | 0.066 | 11.695 | 1.044E-30 |
| SegwayUnDef | -0.229 | 0.334 | -0.685 | 4.933E-01 | 0.004 | 0.334 | 0.012 | 9.903E-01 |
| ERBFeature CTCF | 0.109 | 0.178 | 0.610 | 5.419E-01 | 0.164 | 0.178 | 0.922 | 3.565E-01 |
| ERBFeature enhancer | -0.178 | 0.099 | -1.787 | 7.400E-02 | -0.224 | 0.099 | -2.250 | 2.456E-02 |
| ERBFeature open\_chromatin | -0.520 | 0.219 | -2.374 | 1.766E-02 | -0.450 | 0.219 | -2.054 | 4.008E-02 |
| ERBFeature promoter | 0.456 | 0.057 | 7.983 | 2.258E-15 | 0.490 | 0.057 | 8.589 | 1.613E-17 |
| ERBFeature promoter\_flanking | -0.096 | 0.044 | -2.175 | 2.976E-02 | -0.054 | 0.044 | -1.217 | 2.236E-01 |
| ERBFeatureTF | -0.066 | 0.073 | -0.898 | 3.693E-01 | -0.102 | 0.073 | -1.389 | 1.649E-01 |
| ERBFeatureUnDef | -0.101 | 0.045 | -2.227 | 2.605E-02 | -0.150 | 0.045 | -3.306 | 9.617E-04 |