

The performance comparison of DQDNN model and DeepSEA and DanQ in terms of ROC-AUC and PR-AUC

| idx | Cell Type | TF/DNase/Histon eMark | DQDNN-CONS PR- AUC | DQDNN-CONS ROC- AUC | DQDNN-DNA PR- AUC | DQDNN-DNA ROC-AUC | DeepSEA ROC AUC | DanQ ROC AUC | DeepSEA PR AUC | DanQ PR AUC |
|-----|-----------------|--------------------------|-----------------------|------------------------|----------------------|----------------------|--------------------|-----------------|-------------------|-------------|
| 0 | 8988T | DNase | 0.4368 | 0.9185 | 0.4261 | 0.9157 | 0.9104 | 0.9132 | 0.4011 | 0.4184 |
| 1 | AoSMC | DNase | 0.5033 | 0.9379 | 0.4744 | 0.9346 | 0.9245 | 0.9278 | 0.4396 | 0.4572 |
| 2 | Chorion | DNase | 0.3518 | 0.9058 | 0.3412 | 0.9029 | 0.8963 | 0.9003 | 0.3207 | 0.3385 |
| 3 | CLL | DNase | 0.3958 | 0.9345 | 0.3673 | 0.9311 | 0.9283 | 0.9303 | 0.3592 | 0.3704 |
| 4 | Fibrobl | DNase | 0.3763 | 0.8494 | 0.3619 | 0.8446 | 0.8379 | 0.8407 | 0.3407 | 0.3526 |
| 5 | FibroP | DNase | 0.4695 | 0.8975 | 0.4498 | 0.8934 | 0.8833 | 0.8873 | 0.4208 | 0.4352 |
| 6 | Gliobla | DNase | 0.4840 | 0.9237 | 0.4723 | 0.9211 | 0.9124 | 0.9166 | 0.4430 | 0.4603 |
| 7 | GM12891 | DNase | 0.4598 | 0.9380 | 0.4454 | 0.9346 | 0.9297 | 0.9335 | 0.4206 | 0.4421 |
| 8 | GM12892 | DNase | 0.4287 | 0.9315 | 0.4187 | 0.9290 | 0.9243 | 0.9272 | 0.3935 | 0.4125 |
| 9 | GM18507 | DNase | 0.4685 | 0.9379 | 0.4467 | 0.9356 | 0.9276 | 0.9311 | 0.4168 | 0.4392 |
| 10 | GM19238 | DNase | 0.4530 | 0.9293 | 0.4376 | 0.9266 | 0.9188 | 0.9220 | 0.4102 | 0.4302 |
| 11 | GM19239 | DNase | 0.4504 | 0.9359 | 0.4353 | 0.9329 | 0.9264 | 0.9295 | 0.4100 | 0.4274 |
| 12 | GM19240 | DNase | 0.4259 | 0.9105 | 0.4100 | 0.9067 | 0.8997 | 0.9028 | 0.3874 | 0.4021 |
| 13 | H9ES | DNase | 0.5367 | 0.9488 | 0.5332 | 0.9483 | 0.9392 | 0.9457 | 0.4914 | 0.5213 |
| 14 | HeLa-S3 | DNase | 0.4531 | 0.9227 | 0.4308 | 0.9193 | 0.9061 | 0.9136 | 0.3955 | 0.4161 |
| 15 | Hepatocyt es | DNase | 0.3201 | 0.8923 | 0.3029 | 0.8865 | 0.8820 | 0.8856 | 0.2856 | 0.3027 |
| 16 | HPDE6- E6E7 | DNase | 0.4890 | 0.9441 | 0.4691 | 0.9414 | 0.9283 | 0.9368 | 0.4250 | 0.4522 |
| 17 | HSMM_e mb | DNase | 0.4946 | 0.9444 | 0.4696 | 0.9412 | 0.9329 | 0.9371 | 0.4443 | 0.4616 |
| 18 | HTR8svn | DNase | 0.4734 | 0.9379 | 0.4515 | 0.9343 | 0.9248 | 0.9295 | 0.4174 | 0.4367 |
| 19 | Huh-7.5 | DNase | 0.4440 | 0.9163 | 0.4278 | 0.9121 | 0.9019 | 0.9077 | 0.3974 | 0.4177 |

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|----|---------------|-------|--------|--------|--------|--------|--------|--------|--------|--------|
| 20 | Huh-7 | DNase | 0.4664 | 0.9298 | 0.4521 | 0.9267 | 0.9172 | 0.9225 | 0.4167 | 0.4414 |
| 21 | iPS | DNase | 0.5389 | 0.9506 | 0.5345 | 0.9501 | 0.9447 | 0.9486 | 0.5074 | 0.5310 |
| 22 | Ishikawa | DNase | 0.4678 | 0.9204 | 0.4554 | 0.9178 | 0.9064 | 0.9157 | 0.4170 | 0.4480 |
| 23 | Ishikawa | DNase | 0.4734 | 0.9220 | 0.4584 | 0.9185 | 0.9082 | 0.9162 | 0.4229 | 0.4496 |
| 24 | LNCaP | DNase | 0.4759 | 0.9322 | 0.4597 | 0.9301 | 0.9179 | 0.9272 | 0.4195 | 0.4512 |
| 25 | MCF-7 | DNase | 0.4497 | 0.9164 | 0.4375 | 0.9141 | 0.9025 | 0.9121 | 0.4006 | 0.4282 |
| 26 | Medullo | DNase | 0.3412 | 0.8705 | 0.3328 | 0.8671 | 0.8640 | 0.8664 | 0.3158 | 0.3272 |
| 27 | Melano | DNase | 0.3935 | 0.8598 | 0.3741 | 0.8550 | 0.8474 | 0.8507 | 0.3536 | 0.3663 |
| 28 | Myometr | DNase | 0.4725 | 0.9291 | 0.4544 | 0.9260 | 0.9160 | 0.9213 | 0.4186 | 0.4397 |
| 29 | Osteobl | DNase | 0.3847 | 0.8610 | 0.3704 | 0.8573 | 0.8493 | 0.8538 | 0.3504 | 0.3636 |
| 30 | PanIsletD | DNase | 0.5111 | 0.9265 | 0.4913 | 0.9233 | 0.9141 | 0.9188 | 0.4576 | 0.4791 |
| 31 | PanIslets | DNase | 0.4082 | 0.9016 | 0.3920 | 0.8972 | 0.8922 | 0.8966 | 0.3708 | 0.3899 |
| 32 | pHTE | DNase | 0.4668 | 0.9056 | 0.4571 | 0.9032 | 0.8925 | 0.9001 | 0.4236 | 0.4501 |
| 33 | ProgFib | DNase | 0.4962 | 0.9267 | 0.4752 | 0.9234 | 0.9153 | 0.9191 | 0.4406 | 0.4626 |
| 34 | RWPE1 | DNase | 0.5403 | 0.9433 | 0.5229 | 0.9407 | 0.9277 | 0.9366 | 0.4744 | 0.5071 |
| 35 | Stellate | DNase | 0.5121 | 0.9404 | 0.4854 | 0.9358 | 0.9258 | 0.9312 | 0.4496 | 0.4722 |
| 36 | T-47D | DNase | 0.4164 | 0.9041 | 0.4003 | 0.9011 | 0.8895 | 0.8982 | 0.3707 | 0.3961 |
| 37 | Adult_CD4_Th0 | DNase | 0.4012 | 0.8943 | 0.3852 | 0.8896 | 0.8848 | 0.8887 | 0.3712 | 0.3825 |
| 38 | Urothelia | DNase | 0.5017 | 0.9350 | 0.4867 | 0.9322 | 0.9219 | 0.9283 | 0.4499 | 0.4732 |
| 39 | Urothelia | DNase | 0.4707 | 0.9164 | 0.4578 | 0.9139 | 0.9052 | 0.9110 | 0.4219 | 0.4431 |
| 40 | AG04449 | DNase | 0.5408 | 0.9470 | 0.5051 | 0.9427 | 0.9303 | 0.9351 | 0.4583 | 0.4757 |

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|----|-----------------|-------|--------|--------|--------|--------|--------|--------|--------|--------|
| 41 | AG04450 | DNase | 0.5345 | 0.9469 | 0.5000 | 0.9426 | 0.9306 | 0.9344 | 0.4541 | 0.4672 |
| 42 | AG09309 | DNase | 0.5788 | 0.9471 | 0.5432 | 0.9430 | 0.9295 | 0.9340 | 0.4960 | 0.5116 |
| 43 | AG09319 | DNase | 0.5211 | 0.9459 | 0.4819 | 0.9399 | 0.9278 | 0.9316 | 0.4357 | 0.4508 |
| 44 | AG10803 | DNase | 0.5727 | 0.9510 | 0.5369 | 0.9467 | 0.9351 | 0.9386 | 0.4908 | 0.5055 |
| 45 | AoAF | DNase | 0.5589 | 0.9454 | 0.5237 | 0.9404 | 0.9281 | 0.9315 | 0.4824 | 0.4957 |
| 46 | BE2_C | DNase | 0.5185 | 0.9294 | 0.5053 | 0.9283 | 0.9132 | 0.9234 | 0.4558 | 0.4877 |
| 47 | BJ | DNase | 0.5247 | 0.9438 | 0.4872 | 0.9391 | 0.9260 | 0.9300 | 0.4400 | 0.4584 |
| 48 | Caco-2 | DNase | 0.4752 | 0.9618 | 0.4750 | 0.9629 | 0.9551 | 0.9602 | 0.4414 | 0.4660 |
| 49 | CD20+ | DNase | 0.4351 | 0.9291 | 0.4097 | 0.9241 | 0.9174 | 0.9213 | 0.3937 | 0.4087 |
| 50 | CD34+_Mobilized | DNase | 0.5536 | 0.9405 | 0.5328 | 0.9379 | 0.9255 | 0.9316 | 0.4920 | 0.5126 |
| 51 | CMK | DNase | 0.4754 | 0.9399 | 0.4583 | 0.9366 | 0.9287 | 0.9327 | 0.4316 | 0.4520 |
| 52 | A549 | DNase | 0.4958 | 0.9071 | 0.4815 | 0.9032 | 0.8891 | 0.8962 | 0.4455 | 0.4649 |
| 53 | GM12878 | DNase | 0.4517 | 0.9097 | 0.4292 | 0.9037 | 0.8953 | 0.9001 | 0.4034 | 0.4227 |
| 54 | H1-hESC | DNase | 0.5403 | 0.9329 | 0.5359 | 0.9325 | 0.9229 | 0.9282 | 0.4978 | 0.5223 |
| 55 | HeLa-S3 | DNase | 0.4680 | 0.8992 | 0.4526 | 0.8955 | 0.8814 | 0.8896 | 0.4132 | 0.4332 |
| 56 | HepG2 | DNase | 0.5174 | 0.9334 | 0.5082 | 0.9322 | 0.9196 | 0.9243 | 0.4674 | 0.4850 |
| 57 | HMEC | DNase | 0.4926 | 0.8932 | 0.4834 | 0.8912 | 0.8793 | 0.8867 | 0.4488 | 0.4683 |
| 58 | HSMMtube | DNase | 0.5751 | 0.9256 | 0.5551 | 0.9231 | 0.9117 | 0.9151 | 0.5158 | 0.5322 |
| 59 | HSMM | DNase | 0.5535 | 0.9235 | 0.5301 | 0.9205 | 0.9070 | 0.9119 | 0.4915 | 0.5070 |
| 60 | HUVEC | DNase | 0.4958 | 0.9211 | 0.4754 | 0.9166 | 0.9057 | 0.9103 | 0.4434 | 0.4584 |
| 61 | K562 | DNase | 0.4811 | 0.9184 | 0.4614 | 0.9141 | 0.9035 | 0.9095 | 0.4312 | 0.4488 |
| 62 | LNCaP | DNase | 0.4722 | 0.8955 | 0.4636 | 0.8936 | 0.8758 | 0.8880 | 0.4156 | 0.4474 |
| 63 | MCF-7 | DNase | 0.4776 | 0.9106 | 0.4658 | 0.9088 | 0.8877 | 0.9003 | 0.4127 | 0.4463 |
| 64 | NHEK | DNase | 0.5300 | 0.9308 | 0.5112 | 0.9266 | 0.9141 | 0.9229 | 0.4671 | 0.4960 |

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|----|--------------|-------|--------|--------|--------|--------|--------|--------|--------|--------|
| 65 | Th1 | DNase | 0.3862 | 0.8748 | 0.3756 | 0.8695 | 0.8652 | 0.8685 | 0.3583 | 0.3697 |
| 66 | GM06990 | DNase | 0.3690 | 0.9151 | 0.3544 | 0.9122 | 0.9030 | 0.9063 | 0.3257 | 0.3396 |
| 67 | GM12864 | DNase | 0.4739 | 0.9295 | 0.4514 | 0.9268 | 0.9179 | 0.9204 | 0.4163 | 0.4328 |
| 68 | GM12865 | DNase | 0.5160 | 0.9380 | 0.4976 | 0.9357 | 0.9263 | 0.9290 | 0.4562 | 0.4756 |
| 69 | H7-hESC | DNase | 0.5526 | 0.9298 | 0.5430 | 0.9285 | 0.9155 | 0.9227 | 0.4913 | 0.5167 |
| 70 | HAc | DNase | 0.5608 | 0.9441 | 0.5338 | 0.9404 | 0.9285 | 0.9328 | 0.4888 | 0.5050 |
| 71 | HA-EpiC | DNase | 0.5564 | 0.9404 | 0.5303 | 0.9370 | 0.9266 | 0.9298 | 0.4905 | 0.5048 |
| 72 | HA-h | DNase | 0.5549 | 0.9345 | 0.5309 | 0.9312 | 0.9187 | 0.9240 | 0.4878 | 0.5082 |
| 73 | HA-sp | DNase | 0.3477 | 0.8877 | 0.3324 | 0.8810 | 0.8676 | 0.8750 | 0.3104 | 0.3207 |
| 74 | HBMEC | DNase | 0.5803 | 0.9423 | 0.5569 | 0.9395 | 0.9276 | 0.9320 | 0.5143 | 0.5323 |
| 75 | HCFaa | DNase | 0.5697 | 0.9431 | 0.5416 | 0.9397 | 0.9259 | 0.9315 | 0.4933 | 0.5149 |
| 76 | HCF | DNase | 0.5717 | 0.9470 | 0.5401 | 0.9435 | 0.9313 | 0.9350 | 0.4958 | 0.5093 |
| 77 | HCM | DNase | 0.5935 | 0.9478 | 0.5663 | 0.9454 | 0.9328 | 0.9371 | 0.5207 | 0.5356 |
| 78 | HConF | DNase | 0.5649 | 0.9462 | 0.5320 | 0.9419 | 0.9294 | 0.9347 | 0.4829 | 0.4997 |
| 79 | HCPEpiC | DNase | 0.5732 | 0.9389 | 0.5456 | 0.9351 | 0.9201 | 0.9258 | 0.4972 | 0.5178 |
| 80 | HCT-116 | DNase | 0.5512 | 0.9410 | 0.5265 | 0.9376 | 0.9251 | 0.9336 | 0.4877 | 0.5088 |
| 81 | HEEpiC | DNase | 0.6277 | 0.9520 | 0.6145 | 0.9504 | 0.9341 | 0.9448 | 0.5501 | 0.5846 |
| 82 | HFF-Myc | DNase | 0.5511 | 0.9324 | 0.5297 | 0.9297 | 0.9143 | 0.9202 | 0.4832 | 0.4994 |
| 83 | HFF | DNase | 0.5801 | 0.9424 | 0.5490 | 0.9388 | 0.9251 | 0.9302 | 0.5030 | 0.5197 |
| 84 | HGF | DNase | 0.5133 | 0.9439 | 0.4797 | 0.9399 | 0.9279 | 0.9318 | 0.4366 | 0.4493 |
| 85 | HIPEpiC | DNase | 0.5850 | 0.9416 | 0.5569 | 0.9383 | 0.9246 | 0.9294 | 0.5103 | 0.5272 |
| 86 | HL-60 | DNase | 0.4634 | 0.9206 | 0.4480 | 0.9170 | 0.9092 | 0.9129 | 0.4205 | 0.4341 |
| 87 | HMF | DNase | 0.6043 | 0.9518 | 0.5764 | 0.9487 | 0.9365 | 0.9413 | 0.5294 | 0.5450 |
| 88 | HMVEC-dAd | DNase | 0.5185 | 0.9435 | 0.4864 | 0.9387 | 0.9273 | 0.9327 | 0.4481 | 0.4614 |
| 89 | HMVEC-dBI-Ad | DNase | 0.5678 | 0.9498 | 0.5367 | 0.9456 | 0.9339 | 0.9389 | 0.4886 | 0.5059 |

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|-----|-------------------------|-------|--------|--------|--------|--------|--------|--------|--------|--------|
| 90 | HMVEC-dBI-Neo | DNase | 0.5571 | 0.9422 | 0.5310 | 0.9377 | 0.9249 | 0.9306 | 0.4836 | 0.5032 |
| 91 | HMVEC-dLy-Ad | DNase | 0.5076 | 0.9399 | 0.4809 | 0.9361 | 0.9275 | 0.9314 | 0.4488 | 0.4643 |
| 92 | HMVEC-dLy-Neo | DNase | 0.5569 | 0.9465 | 0.5276 | 0.9429 | 0.9308 | 0.9356 | 0.4794 | 0.4969 |
| 93 | HMVEC-dNeo | DNase | 0.5490 | 0.9451 | 0.5217 | 0.9420 | 0.9300 | 0.9350 | 0.4779 | 0.4938 |
| 94 | HMVEC-LBI | DNase | 0.5743 | 0.9465 | 0.5392 | 0.9421 | 0.9303 | 0.9356 | 0.4962 | 0.5136 |
| 95 | HMVEC-Lly | DNase | 0.5223 | 0.9376 | 0.4984 | 0.9333 | 0.9237 | 0.9284 | 0.4642 | 0.4804 |
| 96 | HNPCEpiC | DNase | 0.6047 | 0.9470 | 0.5814 | 0.9439 | 0.9299 | 0.9343 | 0.5292 | 0.5480 |
| 97 | HPAEC | DNase | 0.5049 | 0.9415 | 0.4739 | 0.9377 | 0.9249 | 0.9303 | 0.4289 | 0.4472 |
| 98 | HPAF | DNase | 0.6040 | 0.9495 | 0.5749 | 0.9462 | 0.9335 | 0.9385 | 0.5276 | 0.5444 |
| 99 | HPdLF | DNase | 0.5398 | 0.9440 | 0.5000 | 0.9386 | 0.9264 | 0.9305 | 0.4581 | 0.4726 |
| 100 | HPF | DNase | 0.5574 | 0.9470 | 0.5231 | 0.9432 | 0.9304 | 0.9351 | 0.4797 | 0.4970 |
| 101 | HRCEpiC | DNase | 0.5481 | 0.9376 | 0.5320 | 0.9358 | 0.9213 | 0.9259 | 0.4844 | 0.4974 |
| 102 | HRE | DNase | 0.5615 | 0.9404 | 0.5405 | 0.9370 | 0.9236 | 0.9279 | 0.4948 | 0.5102 |
| 103 | HRGEC | DNase | 0.4877 | 0.9293 | 0.4641 | 0.9248 | 0.9101 | 0.9163 | 0.4216 | 0.4378 |
| 104 | HRPEpiC | DNase | 0.5207 | 0.9283 | 0.5028 | 0.9261 | 0.9136 | 0.9191 | 0.4596 | 0.4778 |
| 105 | HVMF | DNase | 0.4866 | 0.9280 | 0.4522 | 0.9230 | 0.9111 | 0.9153 | 0.4235 | 0.4342 |
| 106 | Jurkat | DNase | 0.5112 | 0.9339 | 0.4991 | 0.9320 | 0.9215 | 0.9284 | 0.4620 | 0.4887 |
| 107 | Monocytes-CD14+_R001746 | DNase | 0.5166 | 0.9468 | 0.4874 | 0.9426 | 0.9367 | 0.9406 | 0.4595 | 0.4781 |
| 108 | NB4 | DNase | 0.5279 | 0.9455 | 0.5025 | 0.9427 | 0.9311 | 0.9378 | 0.4632 | 0.4887 |

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|-----|------------|-------|--------|--------|--------|--------|--------|--------|--------|--------|
| 109 | NH-A | DNase | 0.5644 | 0.9464 | 0.5384 | 0.9427 | 0.9315 | 0.9348 | 0.4957 | 0.5083 |
| 110 | NHDF-Ad | DNase | 0.5750 | 0.9444 | 0.5515 | 0.9414 | 0.9307 | 0.9333 | 0.5077 | 0.5215 |
| 111 | NHDF-neo | DNase | 0.5339 | 0.9414 | 0.5019 | 0.9371 | 0.9257 | 0.9281 | 0.4580 | 0.4691 |
| 112 | NHLF | DNase | 0.5835 | 0.9480 | 0.5587 | 0.9449 | 0.9335 | 0.9374 | 0.5139 | 0.5302 |
| 113 | NT2-D1 | DNase | 0.5636 | 0.9411 | 0.5559 | 0.9404 | 0.9271 | 0.9340 | 0.5022 | 0.5325 |
| 114 | PANC-1 | DNase | 0.4764 | 0.9240 | 0.4583 | 0.9207 | 0.9081 | 0.9153 | 0.4218 | 0.4435 |
| 115 | PrEC | DNase | 0.5615 | 0.9475 | 0.5462 | 0.9456 | 0.9318 | 0.9409 | 0.4915 | 0.5208 |
| 116 | RPTEC | DNase | 0.5007 | 0.9292 | 0.4842 | 0.9265 | 0.9115 | 0.9164 | 0.4439 | 0.4598 |
| 117 | SAEC | DNase | 0.6225 | 0.9523 | 0.6050 | 0.9514 | 0.9349 | 0.9449 | 0.5430 | 0.5760 |
| 118 | SKMC | DNase | 0.5668 | 0.9423 | 0.5391 | 0.9394 | 0.9263 | 0.9315 | 0.4925 | 0.5093 |
| 119 | SK-N-MC | DNase | 0.4283 | 0.9021 | 0.4150 | 0.8996 | 0.8830 | 0.8943 | 0.3707 | 0.4057 |
| 120 | SK-N-SH_RA | DNase | 0.4531 | 0.9481 | 0.4372 | 0.9466 | 0.9391 | 0.9439 | 0.3975 | 0.4262 |
| 121 | Th2 | DNase | 0.3660 | 0.9172 | 0.3486 | 0.9124 | 0.9050 | 0.9104 | 0.3294 | 0.3493 |
| 122 | WERI-Rb-1 | DNase | 0.4689 | 0.9223 | 0.4573 | 0.9217 | 0.9136 | 0.9173 | 0.4279 | 0.4437 |
| 123 | WI-38 | DNase | 0.5085 | 0.9268 | 0.4781 | 0.9233 | 0.9131 | 0.9156 | 0.4480 | 0.4590 |
| 124 | WI-38 | DNase | 0.5437 | 0.9444 | 0.5054 | 0.9406 | 0.9276 | 0.9327 | 0.4625 | 0.4808 |
| 125 | Dnd41 | CTCF | 0.7383 | 0.9840 | 0.7339 | 0.9833 | 0.9792 | 0.9828 | 0.6948 | 0.7280 |
| 126 | Dnd41 | EZH2 | 0.0530 | 0.9582 | 0.0484 | 0.9547 | 0.9449 | 0.9505 | 0.0504 | 0.0530 |
| 127 | GM12878 | CTCF | 0.7308 | 0.9848 | 0.7140 | 0.9840 | 0.9784 | 0.9820 | 0.6663 | 0.7017 |
| 128 | GM12878 | EZH2 | 0.0544 | 0.9487 | 0.0549 | 0.9359 | 0.9194 | 0.9337 | 0.0469 | 0.0550 |
| 129 | H1-hESC | CHD1 | 0.2186 | 0.9568 | 0.2019 | 0.9521 | 0.9472 | 0.9523 | 0.1904 | 0.1998 |
| 130 | H1-hESC | CTCF | 0.7005 | 0.9847 | 0.7014 | 0.9842 | 0.9774 | 0.9820 | 0.6404 | 0.6851 |
| 131 | H1-hESC | EZH2 | 0.5281 | 0.9871 | 0.4584 | 0.9841 | 0.9817 | 0.9843 | 0.3951 | 0.4475 |

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|-----|--------------|---------|--------|--------|--------|--------|--------|--------|--------|--------|
| 132 | H1-hESC | JARID1A | 0.3020 | 0.9894 | 0.2802 | 0.9850 | 0.9872 | 0.9836 | 0.1856 | 0.2526 |
| 133 | H1-hESC | RBBP5 | 0.4557 | 0.9716 | 0.4369 | 0.9718 | 0.9650 | 0.9690 | 0.4278 | 0.4431 |
| 134 | HeLa-S3 | CTCF | 0.7055 | 0.9754 | 0.7015 | 0.9748 | 0.9650 | 0.9711 | 0.6521 | 0.6900 |
| 135 | HeLa-S3 | EZH2 | 0.0383 | 0.8608 | 0.0310 | 0.8507 | 0.8101 | 0.8440 | 0.0187 | 0.0294 |
| 136 | HeLa-S3 | Pol2(b) | 0.1521 | 0.9154 | 0.1212 | 0.8972 | 0.8907 | 0.9011 | 0.1088 | 0.1127 |
| 137 | HepG2 | CTCF | 0.7338 | 0.9889 | 0.7206 | 0.9884 | 0.9835 | 0.9865 | 0.6687 | 0.7080 |
| 138 | HepG2 | EZH2 | 0.0884 | 0.9604 | 0.0651 | 0.9547 | 0.9517 | 0.9567 | 0.0610 | 0.0651 |
| 139 | HMEC | CTCF | 0.7281 | 0.9894 | 0.7158 | 0.9888 | 0.9846 | 0.9876 | 0.6617 | 0.6979 |
| 140 | HMEC | EZH2 | 0.2445 | 0.9699 | 0.2208 | 0.9659 | 0.9593 | 0.9640 | 0.2024 | 0.2178 |
| 141 | HSMM | CTCF | 0.6884 | 0.9842 | 0.6783 | 0.9835 | 0.9762 | 0.9809 | 0.6278 | 0.6645 |
| 142 | HSMM | EZH2 | 0.1294 | 0.9779 | 0.1204 | 0.9774 | 0.9612 | 0.9695 | 0.1066 | 0.1145 |
| 143 | HSMMtub e | CTCF | 0.6960 | 0.9806 | 0.6899 | 0.9807 | 0.9726 | 0.9779 | 0.6378 | 0.6742 |
| 144 | HSMMtub e | EZH2 | 0.2292 | 0.9872 | 0.2067 | 0.9854 | 0.9842 | 0.9854 | 0.1645 | 0.1947 |
| 145 | HUVEC | CTCF | 0.7250 | 0.9877 | 0.7098 | 0.9864 | 0.9822 | 0.9848 | 0.6652 | 0.6971 |
| 146 | HUVEC | EZH2 | 0.4576 | 0.9887 | 0.4174 | 0.9874 | 0.9856 | 0.9872 | 0.3573 | 0.4005 |
| 147 | HUVEC | Pol2(b) | 0.2164 | 0.9450 | 0.1865 | 0.9357 | 0.9240 | 0.9315 | 0.1687 | 0.1811 |
| 148 | K562 | CHD1 | 0.2406 | 0.9619 | 0.2192 | 0.9590 | 0.9548 | 0.9590 | 0.2158 | 0.2292 |
| 149 | K562 | CTCF | 0.6853 | 0.9794 | 0.6747 | 0.9785 | 0.9705 | 0.9758 | 0.6238 | 0.6608 |
| 150 | K562 | EZH2 | 0.0298 | 0.9183 | 0.0344 | 0.9316 | 0.8878 | 0.9233 | 0.0345 | 0.0521 |
| 151 | K562 | HDAC1 | 0.3760 | 0.9694 | 0.3497 | 0.9656 | 0.9655 | 0.9678 | 0.3205 | 0.3432 |
| 152 | K562 | HDAC2 | 0.1414 | 0.9642 | 0.1299 | 0.9611 | 0.9522 | 0.9543 | 0.1036 | 0.1159 |
| 153 | K562 | HDAC6 | 0.0707 | 0.9825 | 0.0397 | 0.9754 | 0.9801 | 0.9821 | 0.0149 | 0.0535 |
| 154 | K562 | p300 | 0.1796 | 0.9243 | 0.2028 | 0.9207 | 0.9054 | 0.9142 | 0.0952 | 0.1862 |
| 155 | K562 | PHF8 | 0.7402 | 0.9863 | 0.7164 | 0.9860 | 0.9836 | 0.9861 | 0.6930 | 0.7236 |
| 156 | K562 | PLU1 | 0.5010 | 0.9712 | 0.4712 | 0.9681 | 0.9650 | 0.9693 | 0.4451 | 0.4784 |
| 157 | K562 | Pol2(b) | 0.3753 | 0.9569 | 0.3374 | 0.9521 | 0.9457 | 0.9522 | 0.2919 | 0.3261 |
| 158 | K562 | RBBP5 | 0.4958 | 0.9685 | 0.4606 | 0.9655 | 0.9612 | 0.9645 | 0.4377 | 0.4645 |

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|-----|---------|-----------|--------|--------|--------|--------|--------|--------|--------|--------|
| 159 | K562 | SAP30 | 0.4428 | 0.9872 | 0.4114 | 0.9859 | 0.9839 | 0.9852 | 0.3695 | 0.3931 |
| 160 | NH-A | CTCF | 0.7204 | 0.9871 | 0.7034 | 0.9865 | 0.9803 | 0.9846 | 0.6581 | 0.6876 |
| 161 | NH-A | EZH2 | 0.4537 | 0.9895 | 0.4010 | 0.9879 | 0.9867 | 0.9884 | 0.3599 | 0.3987 |
| 162 | NHDF-Ad | CTCF | 0.6821 | 0.9841 | 0.6632 | 0.9831 | 0.9761 | 0.9804 | 0.6185 | 0.6535 |
| 163 | NHDF-Ad | EZH2 | 0.3750 | 0.9888 | 0.3500 | 0.9869 | 0.9857 | 0.9876 | 0.3151 | 0.3338 |
| 164 | NHEK | CTCF | 0.7007 | 0.9820 | 0.6821 | 0.9807 | 0.9728 | 0.9778 | 0.6343 | 0.6671 |
| 165 | NHEK | EZH2 | 0.3521 | 0.9820 | 0.3411 | 0.9813 | 0.9785 | 0.9800 | 0.3021 | 0.3157 |
| 166 | NHEK | Pol2(b) | 0.1315 | 0.9039 | 0.0960 | 0.8744 | 0.8580 | 0.8703 | 0.0887 | 0.0983 |
| 167 | NHLF | CTCF | 0.7081 | 0.9872 | 0.6776 | 0.9860 | 0.9805 | 0.9839 | 0.6336 | 0.6708 |
| 168 | NHLF | EZH2 | 0.3081 | 0.9791 | 0.2862 | 0.9788 | 0.9747 | 0.9776 | 0.2605 | 0.2815 |
| 169 | Osteobl | CTCF | 0.7294 | 0.9767 | 0.7175 | 0.9765 | 0.9653 | 0.9720 | 0.6702 | 0.7028 |
| 170 | A549 | ATF3 | 0.2144 | 0.9431 | 0.1749 | 0.9311 | 0.9132 | 0.9264 | 0.1157 | 0.1526 |
| 171 | A549 | BCL3 | 0.1620 | 0.9005 | 0.1369 | 0.8889 | 0.8677 | 0.8856 | 0.0966 | 0.1252 |
| 172 | A549 | CREB1 | 0.4892 | 0.9736 | 0.4706 | 0.9712 | 0.9657 | 0.9707 | 0.4403 | 0.4606 |
| 173 | A549 | CTCF | 0.6231 | 0.9905 | 0.6068 | 0.9900 | 0.9878 | 0.9890 | 0.5616 | 0.5953 |
| 174 | A549 | CTCF | 0.6559 | 0.9907 | 0.6463 | 0.9898 | 0.9871 | 0.9890 | 0.6045 | 0.6367 |
| 175 | A549 | ELF1 | 0.3647 | 0.9546 | 0.3395 | 0.9490 | 0.9381 | 0.9430 | 0.2848 | 0.3125 |
| 176 | A549 | ETS1 | 0.3745 | 0.9592 | 0.3498 | 0.9555 | 0.9435 | 0.9540 | 0.2728 | 0.3287 |
| 177 | A549 | FOSL2 | 0.4047 | 0.9491 | 0.3839 | 0.9453 | 0.9327 | 0.9389 | 0.3437 | 0.3584 |
| 178 | A549 | FOXA1 | 0.0730 | 0.9197 | 0.0700 | 0.9189 | 0.9009 | 0.9088 | 0.0546 | 0.0667 |
| 179 | A549 | GABP | 0.4645 | 0.9589 | 0.4349 | 0.9530 | 0.9430 | 0.9508 | 0.3658 | 0.4093 |
| 180 | A549 | GR | 0.0690 | 0.9524 | 0.0862 | 0.9360 | 0.9228 | 0.9298 | 0.0266 | 0.0499 |
| 181 | A549 | GR | 0.1750 | 0.8778 | 0.1585 | 0.8761 | 0.8636 | 0.8794 | 0.1399 | 0.1568 |
| 182 | A549 | GR | 0.1590 | 0.9137 | 0.1307 | 0.9053 | 0.8915 | 0.9035 | 0.1127 | 0.1257 |
| 183 | A549 | GR | 0.1830 | 0.9027 | 0.1716 | 0.8993 | 0.8893 | 0.9071 | 0.1504 | 0.1696 |
| 184 | A549 | NRSF | 0.3819 | 0.9418 | 0.3569 | 0.9352 | 0.9048 | 0.9124 | 0.2423 | 0.2976 |
| 185 | A549 | p300 | 0.2591 | 0.9136 | 0.2187 | 0.9038 | 0.8834 | 0.8945 | 0.1796 | 0.2020 |
| 186 | A549 | Pol2 | 0.6456 | 0.9639 | 0.6310 | 0.9618 | 0.9592 | 0.9620 | 0.6167 | 0.6291 |
| 187 | A549 | Pol2 | 0.6695 | 0.9654 | 0.6531 | 0.9635 | 0.9605 | 0.9628 | 0.6341 | 0.6475 |
| 188 | A549 | Sin3Ak-20 | 0.1493 | 0.9117 | 0.1337 | 0.9034 | 0.8854 | 0.8994 | 0.1022 | 0.1214 |
| 189 | A549 | SIX5 | 0.3723 | 0.9590 | 0.3486 | 0.9542 | 0.9406 | 0.9518 | 0.2472 | 0.3205 |

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|-----|---------|---------|--------|--------|--------|--------|--------|--------|--------|--------|
| 190 | A549 | TAF1 | 0.4324 | 0.9516 | 0.4044 | 0.9448 | 0.9340 | 0.9405 | 0.3616 | 0.3900 |
| 191 | A549 | TCF12 | 0.2832 | 0.9142 | 0.2538 | 0.9056 | 0.8819 | 0.8955 | 0.2044 | 0.2329 |
| 192 | A549 | USF1 | 0.3288 | 0.9645 | 0.3080 | 0.9589 | 0.9451 | 0.9537 | 0.2417 | 0.2813 |
| 193 | A549 | USF1 | 0.4254 | 0.9819 | 0.4123 | 0.9800 | 0.9683 | 0.9729 | 0.3307 | 0.3800 |
| 194 | A549 | USF1 | 0.3498 | 0.9612 | 0.3378 | 0.9573 | 0.9305 | 0.9470 | 0.2454 | 0.3077 |
| 195 | A549 | YY1 | 0.4040 | 0.9615 | 0.3763 | 0.9561 | 0.9413 | 0.9494 | 0.3179 | 0.3350 |
| 196 | A549 | ZBTB33 | 0.2564 | 0.9435 | 0.2343 | 0.9328 | 0.9131 | 0.9266 | 0.1468 | 0.1915 |
| 197 | ECC-1 | CTCF | 0.8060 | 0.9959 | 0.7861 | 0.9961 | 0.9949 | 0.9958 | 0.7529 | 0.7824 |
| 198 | ECC-1 | ERalpha | 0.0522 | 0.8997 | 0.0427 | 0.8990 | 0.8789 | 0.8897 | 0.0273 | 0.0379 |
| 199 | ECC-1 | ERalpha | 0.1022 | 0.8705 | 0.0971 | 0.8713 | 0.8541 | 0.8611 | 0.0741 | 0.0863 |
| 200 | ECC-1 | ERalpha | 0.1107 | 0.8881 | 0.0975 | 0.8847 | 0.8639 | 0.8739 | 0.0647 | 0.0863 |
| 201 | ECC-1 | FOXA1 | 0.1124 | 0.9491 | 0.1061 | 0.9404 | 0.9209 | 0.9319 | 0.0698 | 0.0885 |
| 202 | ECC-1 | GR | 0.0945 | 0.9032 | 0.0790 | 0.8966 | 0.8752 | 0.8964 | 0.0588 | 0.0700 |
| 203 | ECC-1 | Pol2 | 0.6513 | 0.9754 | 0.6206 | 0.9723 | 0.9706 | 0.9726 | 0.5920 | 0.6155 |
| 204 | GM12878 | ATF2 | 0.3028 | 0.9295 | 0.2685 | 0.9243 | 0.9082 | 0.9133 | 0.2242 | 0.2422 |
| 205 | GM12878 | ATF3 | 0.3582 | 0.9922 | 0.3552 | 0.9922 | 0.9719 | 0.9867 | 0.2339 | 0.3314 |
| 206 | GM12878 | BATF | 0.3249 | 0.9499 | 0.2973 | 0.9470 | 0.9320 | 0.9431 | 0.2294 | 0.2767 |
| 207 | GM12878 | BCL11A | 0.2511 | 0.9543 | 0.2183 | 0.9506 | 0.9427 | 0.9468 | 0.1762 | 0.1935 |
| 208 | GM12878 | BCL3 | 0.2156 | 0.9173 | 0.1942 | 0.9105 | 0.9046 | 0.9108 | 0.1674 | 0.1900 |
| 209 | GM12878 | BCLAF1 | 0.2073 | 0.9664 | 0.1782 | 0.9590 | 0.9584 | 0.9581 | 0.1373 | 0.1725 |
| 210 | GM12878 | CEBPB | 0.1815 | 0.9346 | 0.1507 | 0.9303 | 0.9170 | 0.9226 | 0.1024 | 0.1288 |
| 211 | GM12878 | EBF1 | 0.2897 | 0.9369 | 0.2618 | 0.9336 | 0.9040 | 0.9302 | 0.1809 | 0.2410 |
| 212 | GM12878 | Egr-1 | 0.3363 | 0.9764 | 0.3207 | 0.9765 | 0.9681 | 0.9702 | 0.2555 | 0.2900 |
| 213 | GM12878 | ELF1 | 0.5583 | 0.9782 | 0.5282 | 0.9763 | 0.9717 | 0.9750 | 0.4803 | 0.5151 |

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|-----|---------|----------|--------|--------|--------|--------|--------|--------|--------|--------|
| 214 | GM12878 | ETS1 | 0.3430 | 0.9872 | 0.3542 | 0.9865 | 0.9856 | 0.9834 | 0.2599 | 0.3159 |
| 215 | GM12878 | FOXM1 | 0.2726 | 0.9290 | 0.2413 | 0.9233 | 0.9080 | 0.9147 | 0.2021 | 0.2239 |
| 216 | GM12878 | GABP | 0.6277 | 0.9905 | 0.6016 | 0.9898 | 0.9876 | 0.9888 | 0.5212 | 0.5880 |
| 217 | GM12878 | IRF4 | 0.2631 | 0.9517 | 0.2348 | 0.9493 | 0.9345 | 0.9449 | 0.1759 | 0.2088 |
| 218 | GM12878 | MEF2A | 0.2475 | 0.9503 | 0.2145 | 0.9451 | 0.9293 | 0.9277 | 0.1542 | 0.1610 |
| 219 | GM12878 | MEF2C | 0.2060 | 0.9567 | 0.1546 | 0.9515 | 0.9351 | 0.9279 | 0.0957 | 0.1017 |
| 220 | GM12878 | MTA3 | 0.2117 | 0.9187 | 0.1813 | 0.9095 | 0.8999 | 0.9058 | 0.1468 | 0.1674 |
| 221 | GM12878 | NFATC1 | 0.2195 | 0.9160 | 0.2071 | 0.9094 | 0.8970 | 0.9030 | 0.1669 | 0.1920 |
| 222 | GM12878 | NFIC | 0.3277 | 0.9190 | 0.2924 | 0.9148 | 0.9001 | 0.9050 | 0.2451 | 0.2655 |
| 223 | GM12878 | NRSF | 0.5498 | 0.9793 | 0.5371 | 0.9826 | 0.9728 | 0.9566 | 0.4368 | 0.4477 |
| 224 | GM12878 | p300 | 0.1940 | 0.9704 | 0.1562 | 0.9614 | 0.9580 | 0.9594 | 0.1115 | 0.1289 |
| 225 | GM12878 | PAX5-C20 | 0.2213 | 0.9135 | 0.1976 | 0.9098 | 0.9007 | 0.9062 | 0.1648 | 0.1879 |
| 226 | GM12878 | PAX5-N19 | 0.2277 | 0.9263 | 0.2034 | 0.9216 | 0.9153 | 0.9202 | 0.1698 | 0.1733 |
| 227 | GM12878 | Pbx3 | 0.1307 | 0.9385 | 0.1268 | 0.9399 | 0.9315 | 0.9336 | 0.1119 | 0.1191 |
| 228 | GM12878 | PML | 0.4080 | 0.9457 | 0.3655 | 0.9361 | 0.9269 | 0.9329 | 0.3132 | 0.3493 |
| 229 | GM12878 | Pol2-4H8 | 0.4258 | 0.9084 | 0.3866 | 0.8962 | 0.8929 | 0.8991 | 0.3619 | 0.3853 |
| 230 | GM12878 | Pol2 | 0.6362 | 0.9618 | 0.6099 | 0.9589 | 0.9574 | 0.9598 | 0.5922 | 0.6094 |

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|-----|---------|----------|--------|--------|--------|--------|--------|--------|--------|--------|
| 231 | GM12878 | POU2F2 | 0.2874 | 0.9483 | 0.2570 | 0.9415 | 0.9257 | 0.9231 | 0.1981 | 0.2117 |
| 232 | GM12878 | PU.1 | 0.5388 | 0.9751 | 0.5221 | 0.9733 | 0.9632 | 0.9632 | 0.4392 | 0.4560 |
| 233 | GM12878 | Rad21 | 0.6274 | 0.9849 | 0.6129 | 0.9842 | 0.9801 | 0.9828 | 0.5819 | 0.6097 |
| 234 | GM12878 | RUNX3 | 0.4569 | 0.9304 | 0.4212 | 0.9274 | 0.9189 | 0.9218 | 0.3849 | 0.3970 |
| 235 | GM12878 | RXRA | 0.0592 | 0.9832 | 0.0506 | 0.9776 | 0.9755 | 0.9725 | 0.0232 | 0.0565 |
| 236 | GM12878 | SIX5 | 0.6237 | 0.9918 | 0.6149 | 0.9910 | 0.9907 | 0.9928 | 0.4758 | 0.6106 |
| 237 | GM12878 | SP1 | 0.4003 | 0.9666 | 0.3712 | 0.9617 | 0.9551 | 0.9578 | 0.3273 | 0.3505 |
| 238 | GM12878 | SRF | 0.1877 | 0.9351 | 0.1734 | 0.9341 | 0.9265 | 0.9294 | 0.1406 | 0.1697 |
| 239 | GM12878 | STAT5A | 0.1521 | 0.9198 | 0.1319 | 0.9107 | 0.9005 | 0.9075 | 0.1029 | 0.1254 |
| 240 | GM12878 | TAF1 | 0.4276 | 0.9703 | 0.3978 | 0.9652 | 0.9621 | 0.9638 | 0.3601 | 0.3909 |
| 241 | GM12878 | TCF12 | 0.2782 | 0.9600 | 0.2559 | 0.9595 | 0.9487 | 0.9549 | 0.2004 | 0.2299 |
| 242 | GM12878 | TCF3 | 0.2631 | 0.9582 | 0.2366 | 0.9582 | 0.9480 | 0.9537 | 0.1802 | 0.2149 |
| 243 | GM12878 | USF1 | 0.4344 | 0.9868 | 0.4228 | 0.9860 | 0.9825 | 0.9836 | 0.3840 | 0.3952 |
| 244 | GM12878 | YY1 | 0.4763 | 0.9608 | 0.4504 | 0.9598 | 0.9520 | 0.9569 | 0.4038 | 0.4407 |
| 245 | GM12878 | ZBTB33 | 0.1277 | 0.9797 | 0.2238 | 0.9775 | 0.9695 | 0.9765 | 0.0673 | 0.1074 |
| 246 | GM12878 | ZEB1 | 0.1978 | 0.9742 | 0.1762 | 0.9705 | 0.9668 | 0.9717 | 0.1701 | 0.1904 |
| 247 | GM12891 | PAX5-C20 | 0.0398 | 0.9271 | 0.0300 | 0.9229 | 0.9172 | 0.9244 | 0.0262 | 0.0323 |

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|-----|---------|----------|--------|--------|--------|--------|--------|--------|--------|--------|
| 248 | GM12891 | Pol2-4H8 | 0.3554 | 0.9153 | 0.3287 | 0.9035 | 0.9009 | 0.9066 | 0.3019 | 0.3173 |
| 249 | GM12891 | Pol2 | 0.3896 | 0.9217 | 0.3572 | 0.9153 | 0.9090 | 0.9152 | 0.3311 | 0.3467 |
| 250 | GM12891 | POU2F2 | 0.2296 | 0.9467 | 0.2070 | 0.9467 | 0.9305 | 0.9286 | 0.1550 | 0.1744 |
| 251 | GM12891 | PU.1 | 0.5468 | 0.9740 | 0.5298 | 0.9726 | 0.9631 | 0.9640 | 0.4392 | 0.4623 |
| 252 | GM12891 | TAF1 | 0.4265 | 0.9695 | 0.4083 | 0.9660 | 0.9639 | 0.9654 | 0.3581 | 0.3884 |
| 253 | GM12891 | YY1 | 0.4414 | 0.9746 | 0.4208 | 0.9721 | 0.9667 | 0.9713 | 0.3703 | 0.4097 |
| 254 | GM12892 | PAX5-C20 | 0.3102 | 0.9588 | 0.2908 | 0.9561 | 0.9517 | 0.9547 | 0.2678 | 0.2806 |
| 255 | GM12892 | Pol2-4H8 | 0.3698 | 0.9150 | 0.3410 | 0.9041 | 0.8992 | 0.9069 | 0.3082 | 0.3342 |
| 256 | GM12892 | Pol2 | 0.5122 | 0.9384 | 0.4771 | 0.9352 | 0.9309 | 0.9353 | 0.4494 | 0.4784 |
| 257 | GM12892 | TAF1 | 0.4479 | 0.9758 | 0.4200 | 0.9747 | 0.9707 | 0.9738 | 0.3889 | 0.4188 |
| 258 | GM12892 | YY1 | 0.4242 | 0.9670 | 0.3968 | 0.9628 | 0.9546 | 0.9620 | 0.3430 | 0.3750 |
| 259 | H1-hESC | ATF2 | 0.1790 | 0.9435 | 0.1791 | 0.9408 | 0.9148 | 0.9368 | 0.1143 | 0.1460 |
| 260 | H1-hESC | ATF3 | 0.4001 | 0.9885 | 0.3805 | 0.9885 | 0.9825 | 0.9870 | 0.2733 | 0.3494 |
| 261 | H1-hESC | BCL11A | 0.1497 | 0.9614 | 0.1692 | 0.9597 | 0.9400 | 0.9562 | 0.0674 | 0.1063 |
| 262 | H1-hESC | CTCF | 0.6522 | 0.9883 | 0.6446 | 0.9879 | 0.9837 | 0.9867 | 0.5912 | 0.6318 |
| 263 | H1-hESC | Egr-1 | 0.2017 | 0.9666 | 0.2024 | 0.9648 | 0.9536 | 0.9597 | 0.1623 | 0.1849 |
| 264 | H1-hESC | FOSL1 | 0.0456 | 0.9435 | 0.0409 | 0.9443 | 0.9371 | 0.9395 | 0.0258 | 0.0254 |

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|-----|---------|-----------|--------|--------|--------|--------|--------|--------|--------|--------|
| 265 | H1-hESC | GABP | 0.4272 | 0.9871 | 0.4114 | 0.9859 | 0.9828 | 0.9864 | 0.3443 | 0.3881 |
| 266 | H1-hESC | HDAC2 | 0.1255 | 0.9644 | 0.1103 | 0.9621 | 0.9488 | 0.9586 | 0.0668 | 0.1008 |
| 267 | H1-hESC | JunD | 0.2330 | 0.9703 | 0.2237 | 0.9682 | 0.9571 | 0.9643 | 0.1668 | 0.2119 |
| 268 | H1-hESC | NANOG | 0.1452 | 0.9545 | 0.1445 | 0.9560 | 0.9304 | 0.9416 | 0.0739 | 0.1101 |
| 269 | H1-hESC | NRSF | 0.5285 | 0.9627 | 0.5244 | 0.9637 | 0.9529 | 0.9225 | 0.4428 | 0.3701 |
| 270 | H1-hESC | p300 | 0.2095 | 0.9598 | 0.2043 | 0.9585 | 0.9408 | 0.9532 | 0.1361 | 0.1765 |
| 271 | H1-hESC | Pol2-4H8 | 0.3586 | 0.9262 | 0.3281 | 0.9196 | 0.9070 | 0.9140 | 0.3090 | 0.3239 |
| 272 | H1-hESC | Pol2 | 0.5428 | 0.9517 | 0.5155 | 0.9468 | 0.9363 | 0.9430 | 0.4972 | 0.5106 |
| 273 | H1-hESC | POU5F1 | 0.2253 | 0.9649 | 0.2448 | 0.9654 | 0.9471 | 0.9528 | 0.1012 | 0.1497 |
| 274 | H1-hESC | Rad21 | 0.7161 | 0.9818 | 0.7184 | 0.9822 | 0.9740 | 0.9795 | 0.6625 | 0.7030 |
| 275 | H1-hESC | RXRA | 0.0490 | 0.9785 | 0.0612 | 0.9729 | 0.9561 | 0.9684 | 0.0195 | 0.0293 |
| 276 | H1-hESC | Sin3Ak-20 | 0.2747 | 0.9745 | 0.2605 | 0.9712 | 0.9570 | 0.9638 | 0.2033 | 0.2286 |
| 277 | H1-hESC | SIX5 | 0.5097 | 0.9830 | 0.5253 | 0.9744 | 0.9559 | 0.9723 | 0.2870 | 0.4691 |
| 278 | H1-hESC | SP1 | 0.3331 | 0.9537 | 0.3196 | 0.9526 | 0.9369 | 0.9468 | 0.2331 | 0.2762 |
| 279 | H1-hESC | SP2 | 0.3017 | 0.9748 | 0.2846 | 0.9768 | 0.9717 | 0.9684 | 0.2276 | 0.2826 |
| 280 | H1-hESC | SP4 | 0.3144 | 0.9786 | 0.3088 | 0.9787 | 0.9747 | 0.9758 | 0.2884 | 0.3120 |
| 281 | H1-hESC | SRF | 0.1058 | 0.8929 | 0.1171 | 0.8867 | 0.8749 | 0.8897 | 0.0793 | 0.1132 |

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|-----|---------|----------|--------|--------|--------|--------|--------|--------|--------|--------|
| 282 | H1-hESC | TAF1 | 0.5789 | 0.9812 | 0.5545 | 0.9795 | 0.9752 | 0.9786 | 0.5247 | 0.5449 |
| 283 | H1-hESC | TAF7 | 0.3788 | 0.9687 | 0.3493 | 0.9677 | 0.9587 | 0.9652 | 0.3169 | 0.3495 |
| 284 | H1-hESC | TCF12 | 0.1962 | 0.9632 | 0.2173 | 0.9613 | 0.9427 | 0.9543 | 0.1139 | 0.1693 |
| 285 | H1-hESC | TEAD4 | 0.3389 | 0.9652 | 0.3280 | 0.9619 | 0.9462 | 0.9547 | 0.2208 | 0.2674 |
| 286 | H1-hESC | USF1 | 0.5259 | 0.9829 | 0.5308 | 0.9842 | 0.9769 | 0.9787 | 0.4426 | 0.4875 |
| 287 | H1-hESC | YY1 | 0.4075 | 0.9711 | 0.3910 | 0.9697 | 0.9558 | 0.9631 | 0.3198 | 0.3605 |
| 288 | HCT-116 | Pol2-4H8 | 0.4816 | 0.9253 | 0.4476 | 0.9183 | 0.9040 | 0.9135 | 0.4208 | 0.4479 |
| 289 | HCT-116 | YY1 | 0.3914 | 0.9767 | 0.3633 | 0.9727 | 0.9665 | 0.9688 | 0.3089 | 0.3528 |
| 290 | HCT-116 | ZBTB33 | 0.2495 | 0.9751 | 0.2237 | 0.9701 | 0.9615 | 0.9673 | 0.1717 | 0.2046 |
| 291 | HeLa-S3 | GABP | 0.5112 | 0.9853 | 0.4754 | 0.9852 | 0.9820 | 0.9842 | 0.4157 | 0.4641 |
| 292 | HeLa-S3 | NRSF | 0.4822 | 0.9615 | 0.4726 | 0.9640 | 0.9410 | 0.9170 | 0.3571 | 0.3467 |
| 293 | HeLa-S3 | Pol2 | 0.5295 | 0.9307 | 0.4939 | 0.9194 | 0.9110 | 0.9208 | 0.4783 | 0.4961 |
| 294 | HeLa-S3 | TAF1 | 0.4143 | 0.9622 | 0.3858 | 0.9580 | 0.9527 | 0.9572 | 0.3628 | 0.3830 |
| 295 | HepG2 | ATF3 | 0.3237 | 0.9898 | 0.3422 | 0.9888 | 0.9842 | 0.9853 | 0.2333 | 0.2951 |
| 296 | HepG2 | BHLHE40 | 0.1476 | 0.9816 | 0.1551 | 0.9799 | 0.9701 | 0.9727 | 0.1011 | 0.1402 |
| 297 | HepG2 | CEBPB | 0.3756 | 0.9835 | 0.3583 | 0.9839 | 0.9763 | 0.9799 | 0.2961 | 0.3299 |
| 298 | HepG2 | CEBPD | 0.2858 | 0.9786 | 0.2562 | 0.9767 | 0.9714 | 0.9735 | 0.1996 | 0.2273 |
| 299 | HepG2 | CTCF | 0.6849 | 0.9904 | 0.6752 | 0.9905 | 0.9868 | 0.9895 | 0.6385 | 0.6683 |
| 300 | HepG2 | ELF1 | 0.4343 | 0.9761 | 0.4202 | 0.9747 | 0.9657 | 0.9685 | 0.3580 | 0.3883 |
| 301 | HepG2 | FOSL2 | 0.3673 | 0.9631 | 0.3629 | 0.9605 | 0.9545 | 0.9577 | 0.3106 | 0.3282 |
| 302 | HepG2 | FOXA1 | 0.4282 | 0.9588 | 0.4276 | 0.9585 | 0.9442 | 0.9480 | 0.3411 | 0.3656 |

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|-----|-------|-----------|--------|--------|--------|--------|--------|--------|--------|--------|
| 303 | HepG2 | FOXA1 | 0.4675 | 0.9582 | 0.4607 | 0.9585 | 0.9435 | 0.9474 | 0.3730 | 0.3986 |
| 304 | HepG2 | FOXA2 | 0.4242 | 0.9598 | 0.4135 | 0.9590 | 0.9431 | 0.9497 | 0.3282 | 0.3550 |
| 305 | HepG2 | GABP | 0.6518 | 0.9904 | 0.6281 | 0.9901 | 0.9883 | 0.9889 | 0.5616 | 0.6147 |
| 306 | HepG2 | HDAC2 | 0.2598 | 0.9548 | 0.2360 | 0.9527 | 0.9373 | 0.9428 | 0.1722 | 0.1940 |
| 307 | HepG2 | HNF4A | 0.3555 | 0.9738 | 0.3703 | 0.9746 | 0.9620 | 0.9678 | 0.2631 | 0.3226 |
| 308 | HepG2 | HNF4G | 0.3522 | 0.9686 | 0.3438 | 0.9685 | 0.9546 | 0.9641 | 0.2527 | 0.3135 |
| 309 | HepG2 | JunD | 0.3284 | 0.9655 | 0.3069 | 0.9622 | 0.9552 | 0.9580 | 0.2614 | 0.2747 |
| 310 | HepG2 | MBD4 | 0.1512 | 0.9331 | 0.1478 | 0.9339 | 0.9169 | 0.9243 | 0.0802 | 0.1018 |
| 311 | HepG2 | MYBL2 | 0.2848 | 0.9331 | 0.2632 | 0.9318 | 0.9081 | 0.9167 | 0.1959 | 0.2222 |
| 312 | HepG2 | NFIC | 0.2659 | 0.9359 | 0.2481 | 0.9368 | 0.9087 | 0.9199 | 0.1670 | 0.2000 |
| 313 | HepG2 | NRSF | 0.5655 | 0.9883 | 0.5489 | 0.9881 | 0.9849 | 0.9730 | 0.4743 | 0.4594 |
| 314 | HepG2 | NRSF | 0.4773 | 0.9679 | 0.4464 | 0.9653 | 0.9530 | 0.9521 | 0.3508 | 0.3997 |
| 315 | HepG2 | p300 | 0.3148 | 0.9498 | 0.3037 | 0.9487 | 0.9330 | 0.9334 | 0.2306 | 0.2442 |
| 316 | HepG2 | Pol2-4H8 | 0.4615 | 0.9268 | 0.4419 | 0.9204 | 0.9084 | 0.9171 | 0.3929 | 0.4276 |
| 317 | HepG2 | Pol2 | 0.5691 | 0.9587 | 0.5344 | 0.9536 | 0.9489 | 0.9521 | 0.5068 | 0.5305 |
| 318 | HepG2 | Rad21 | 0.6674 | 0.9840 | 0.6546 | 0.9840 | 0.9768 | 0.9817 | 0.6042 | 0.6430 |
| 319 | HepG2 | RXRA | 0.2537 | 0.9559 | 0.2448 | 0.9563 | 0.9420 | 0.9439 | 0.1883 | 0.1932 |
| 320 | HepG2 | Sin3Ak-20 | 0.3690 | 0.9640 | 0.3493 | 0.9584 | 0.9507 | 0.9530 | 0.3145 | 0.3324 |
| 321 | HepG2 | SP1 | 0.3640 | 0.9584 | 0.3543 | 0.9562 | 0.9427 | 0.9458 | 0.2723 | 0.2981 |
| 322 | HepG2 | SP2 | 0.4346 | 0.9942 | 0.3987 | 0.9943 | 0.9917 | 0.9765 | 0.3101 | 0.3469 |
| 323 | HepG2 | SRF | 0.0559 | 0.8965 | 0.0658 | 0.8837 | 0.8537 | 0.8831 | 0.0388 | 0.0488 |
| 324 | HepG2 | TAF1 | 0.6267 | 0.9889 | 0.6013 | 0.9883 | 0.9860 | 0.9878 | 0.5629 | 0.5859 |
| 325 | HepG2 | TCF12 | 0.1186 | 0.9819 | 0.1143 | 0.9811 | 0.9778 | 0.9768 | 0.0673 | 0.0756 |
| 326 | HepG2 | TEAD4 | 0.2294 | 0.9399 | 0.1972 | 0.9363 | 0.9112 | 0.9182 | 0.1319 | 0.1611 |
| 327 | HepG2 | USF1 | 0.4711 | 0.9860 | 0.4627 | 0.9861 | 0.9829 | 0.9838 | 0.3881 | 0.4287 |
| 328 | HepG2 | YY1 | 0.5215 | 0.9775 | 0.4946 | 0.9754 | 0.9676 | 0.9729 | 0.4483 | 0.4723 |
| 329 | HepG2 | ZBTB33 | 0.1643 | 0.9708 | 0.2309 | 0.9688 | 0.9540 | 0.9651 | 0.0791 | 0.1175 |
| 330 | HepG2 | ZBTB7A | 0.1907 | 0.9748 | 0.1773 | 0.9741 | 0.9677 | 0.9739 | 0.1377 | 0.1808 |
| 331 | HUVEC | Pol2-4H8 | 0.4521 | 0.9398 | 0.4156 | 0.9333 | 0.9187 | 0.9247 | 0.3772 | 0.3947 |
| 332 | HUVEC | Pol2 | 0.4734 | 0.9411 | 0.4410 | 0.9366 | 0.9261 | 0.9318 | 0.4085 | 0.4307 |
| 333 | K562 | ATF3 | 0.3178 | 0.9771 | 0.2999 | 0.9757 | 0.9665 | 0.9722 | 0.2484 | 0.2857 |
| 334 | K562 | BCL3 | 0.1388 | 0.9590 | 0.1224 | 0.9554 | 0.9468 | 0.9554 | 0.0554 | 0.1089 |
| 335 | K562 | BCLAF1 | 0.1747 | 0.9589 | 0.1584 | 0.9584 | 0.9520 | 0.9591 | 0.1166 | 0.1640 |
| 336 | K562 | CBX3 | 0.2060 | 0.9037 | 0.1915 | 0.9011 | 0.8675 | 0.8849 | 0.1353 | 0.1621 |

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|-----|------|-----------|--------|--------|--------|--------|--------|--------|--------|--------|
| 337 | K562 | CEBPB | 0.3480 | 0.9637 | 0.3116 | 0.9616 | 0.9453 | 0.9551 | 0.2333 | 0.2804 |
| 338 | K562 | CTCF | 0.6488 | 0.9877 | 0.6371 | 0.9872 | 0.9838 | 0.9859 | 0.6037 | 0.6289 |
| 339 | K562 | CTCF1 | 0.3543 | 0.9917 | 0.3319 | 0.9914 | 0.9899 | 0.9911 | 0.2861 | 0.3366 |
| 340 | K562 | E2F6 | 0.4142 | 0.9686 | 0.4012 | 0.9667 | 0.9632 | 0.9672 | 0.3782 | 0.4042 |
| 341 | K562 | Egr-1 | 0.3593 | 0.9579 | 0.3502 | 0.9586 | 0.9315 | 0.9367 | 0.2728 | 0.2931 |
| 342 | K562 | ELF1 | 0.4702 | 0.9703 | 0.4547 | 0.9693 | 0.9583 | 0.9641 | 0.3942 | 0.4251 |
| 343 | K562 | ETS1 | 0.4128 | 0.9823 | 0.4006 | 0.9802 | 0.9744 | 0.9797 | 0.3350 | 0.3924 |
| 344 | K562 | FOSL1 | 0.3319 | 0.9824 | 0.3114 | 0.9817 | 0.9779 | 0.9800 | 0.3003 | 0.2978 |
| 345 | K562 | GABP | 0.5211 | 0.9788 | 0.4999 | 0.9776 | 0.9706 | 0.9756 | 0.4303 | 0.4910 |
| 346 | K562 | GATA2 | 0.3244 | 0.9669 | 0.3011 | 0.9659 | 0.9583 | 0.9609 | 0.2557 | 0.2721 |
| 347 | K562 | HDAC2 | 0.1633 | 0.9552 | 0.1439 | 0.9495 | 0.9469 | 0.9535 | 0.1008 | 0.1209 |
| 348 | K562 | Max | 0.5115 | 0.9590 | 0.4889 | 0.9564 | 0.9465 | 0.9541 | 0.4420 | 0.4795 |
| 349 | K562 | MEF2A | 0.1076 | 0.9485 | 0.0930 | 0.9491 | 0.9166 | 0.9186 | 0.0486 | 0.0568 |
| 350 | K562 | NR2F2 | 0.2238 | 0.9372 | 0.2108 | 0.9354 | 0.9210 | 0.9220 | 0.1707 | 0.1789 |
| 351 | K562 | NRSF | 0.4014 | 0.9639 | 0.3871 | 0.9615 | 0.9506 | 0.9362 | 0.2875 | 0.2976 |
| 352 | K562 | PML | 0.3870 | 0.9535 | 0.3551 | 0.9492 | 0.9427 | 0.9483 | 0.3120 | 0.3412 |
| 353 | K562 | Pol2-4H8 | 0.4189 | 0.9449 | 0.3787 | 0.9420 | 0.9318 | 0.9395 | 0.3381 | 0.3724 |
| 354 | K562 | Pol2 | 0.6259 | 0.9611 | 0.5886 | 0.9572 | 0.9513 | 0.9573 | 0.5694 | 0.5941 |
| 355 | K562 | PU.1 | 0.3794 | 0.9780 | 0.3689 | 0.9786 | 0.9679 | 0.9695 | 0.2723 | 0.2956 |
| 356 | K562 | Rad21 | 0.6167 | 0.9912 | 0.5978 | 0.9906 | 0.9875 | 0.9898 | 0.5605 | 0.5880 |
| 357 | K562 | Sin3Ak-20 | 0.3694 | 0.9809 | 0.3267 | 0.9762 | 0.9738 | 0.9753 | 0.2868 | 0.3148 |
| 358 | K562 | SIX5 | 0.5485 | 0.9942 | 0.5476 | 0.9934 | 0.9917 | 0.9926 | 0.4014 | 0.5278 |
| 359 | K562 | SP1 | 0.3332 | 0.9810 | 0.3166 | 0.9764 | 0.9727 | 0.9766 | 0.2705 | 0.3052 |
| 360 | K562 | SP2 | 0.4186 | 0.9894 | 0.4061 | 0.9864 | 0.9912 | 0.9903 | 0.3254 | 0.3980 |
| 361 | K562 | SRF | 0.1277 | 0.9288 | 0.1270 | 0.9182 | 0.9140 | 0.9274 | 0.0896 | 0.1140 |
| 362 | K562 | STAT5A | 0.2582 | 0.9610 | 0.2371 | 0.9593 | 0.9482 | 0.9554 | 0.1697 | 0.2054 |
| 363 | K562 | TAF1 | 0.5074 | 0.9792 | 0.4732 | 0.9776 | 0.9734 | 0.9760 | 0.4397 | 0.4774 |
| 364 | K562 | TAF7 | 0.1375 | 0.9084 | 0.1099 | 0.9091 | 0.8904 | 0.9002 | 0.0646 | 0.0877 |
| 365 | K562 | TEAD4 | 0.3243 | 0.9402 | 0.3021 | 0.9342 | 0.9226 | 0.9281 | 0.2557 | 0.2725 |
| 366 | K562 | THAP1 | 0.2256 | 0.9880 | 0.2230 | 0.9878 | 0.9858 | 0.9871 | 0.1912 | 0.2039 |
| 367 | K562 | TRIM28 | 0.2193 | 0.9356 | 0.1903 | 0.9325 | 0.9168 | 0.9255 | 0.1366 | 0.1702 |
| 368 | K562 | USF1 | 0.4475 | 0.9823 | 0.4335 | 0.9824 | 0.9746 | 0.9784 | 0.3730 | 0.4044 |
| 369 | K562 | YY1 | 0.5119 | 0.9880 | 0.4837 | 0.9868 | 0.9830 | 0.9855 | 0.4250 | 0.4591 |
| 370 | K562 | YY1 | 0.4361 | 0.9657 | 0.4240 | 0.9663 | 0.9574 | 0.9615 | 0.3689 | 0.3818 |

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|-----|------------|-----------|--------|--------|--------|--------|--------|--------|--------|--------|
| 371 | K562 | ZBTB33 | 0.1727 | 0.9673 | 0.2651 | 0.9704 | 0.9558 | 0.9655 | 0.0635 | 0.1180 |
| 372 | K562 | ZBTB7A | 0.4341 | 0.9749 | 0.4148 | 0.9733 | 0.9704 | 0.9730 | 0.3732 | 0.4183 |
| 373 | PANC-1 | NRSF | 0.5320 | 0.9844 | 0.5159 | 0.9829 | 0.9751 | 0.9662 | 0.4056 | 0.4254 |
| 374 | PANC-1 | Pol2-4H8 | 0.2168 | 0.9397 | 0.2046 | 0.9378 | 0.9290 | 0.9367 | 0.1696 | 0.1863 |
| 375 | PANC-1 | Sin3Ak-20 | 0.2054 | 0.9867 | 0.1878 | 0.9836 | 0.9803 | 0.9829 | 0.1697 | 0.1798 |
| 376 | PFSK-1 | FOXP2 | 0.3701 | 0.9691 | 0.3541 | 0.9674 | 0.9624 | 0.9661 | 0.3299 | 0.3499 |
| 377 | PFSK-1 | NRSF | 0.4709 | 0.9574 | 0.4543 | 0.9545 | 0.9351 | 0.9085 | 0.3528 | 0.3326 |
| 378 | PFSK-1 | Sin3Ak-20 | 0.1346 | 0.9519 | 0.1055 | 0.9447 | 0.9302 | 0.9386 | 0.0799 | 0.0937 |
| 379 | PFSK-1 | TAF1 | 0.3026 | 0.9391 | 0.2764 | 0.9346 | 0.9223 | 0.9325 | 0.2167 | 0.2512 |
| 380 | SK-N-MC | FOXP2 | 0.2846 | 0.9259 | 0.2717 | 0.9251 | 0.9102 | 0.9230 | 0.2325 | 0.2663 |
| 381 | SK-N-MC | Pol2-4H8 | 0.3549 | 0.9302 | 0.3256 | 0.9249 | 0.9071 | 0.9227 | 0.2610 | 0.3172 |
| 382 | SK-N-SH | NRSF | 0.4046 | 0.9719 | 0.3819 | 0.9681 | 0.9580 | 0.9620 | 0.2923 | 0.3503 |
| 383 | SK-N-SH | NRSF | 0.4055 | 0.9763 | 0.3794 | 0.9724 | 0.9591 | 0.9491 | 0.2845 | 0.3130 |
| 384 | SK-N-SH | Pol2-4H8 | 0.3693 | 0.9273 | 0.3404 | 0.9188 | 0.9016 | 0.9112 | 0.3011 | 0.3228 |
| 385 | SK-N-SH_RA | CTCF | 0.6809 | 0.9936 | 0.6548 | 0.9933 | 0.9910 | 0.9925 | 0.6051 | 0.6568 |
| 386 | SK-N-SH_RA | p300 | 0.2981 | 0.9177 | 0.2725 | 0.9108 | 0.8919 | 0.9021 | 0.2222 | 0.2483 |
| 387 | SK-N-SH_RA | Rad21 | 0.6102 | 0.9694 | 0.5913 | 0.9677 | 0.9581 | 0.9654 | 0.5440 | 0.5832 |
| 388 | SK-N-SH_RA | USF1 | 0.4684 | 0.9843 | 0.4628 | 0.9843 | 0.9781 | 0.9803 | 0.3890 | 0.4282 |
| 389 | SK-N-SH_RA | YY1 | 0.3869 | 0.9598 | 0.3706 | 0.9568 | 0.9447 | 0.9527 | 0.3019 | 0.3336 |
| 390 | SK-N-SH | Sin3Ak-20 | 0.3397 | 0.9607 | 0.3162 | 0.9541 | 0.9469 | 0.9499 | 0.2882 | 0.2975 |
| 391 | SK-N-SH | TAF1 | 0.4831 | 0.9771 | 0.4524 | 0.9738 | 0.9690 | 0.9711 | 0.4097 | 0.4396 |
| 392 | T-47D | CTCF | 0.7422 | 0.9919 | 0.7155 | 0.9910 | 0.9872 | 0.9897 | 0.6689 | 0.7066 |

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|-----|---------|----------------|--------|--------|--------|--------|--------|--------|--------|--------|
| 393 | T-47D | ERalpha | 0.0387 | 0.9098 | 0.0361 | 0.9133 | 0.8954 | 0.8929 | 0.0302 | 0.0329 |
| 394 | T-47D | ERalpha | 0.0966 | 0.8949 | 0.0817 | 0.8966 | 0.8772 | 0.8762 | 0.0642 | 0.0757 |
| 395 | T-47D | ERalpha | 0.0955 | 0.8938 | 0.0797 | 0.8953 | 0.8772 | 0.8769 | 0.0638 | 0.0758 |
| 396 | T-47D | FOXA1 | 0.3282 | 0.9395 | 0.3192 | 0.9396 | 0.9181 | 0.9285 | 0.2447 | 0.2866 |
| 397 | T-47D | GATA3 | 0.2427 | 0.9052 | 0.2400 | 0.9056 | 0.8646 | 0.8705 | 0.1495 | 0.1673 |
| 398 | T-47D | p300 | 0.1653 | 0.9203 | 0.1436 | 0.9152 | 0.8826 | 0.9047 | 0.1005 | 0.1281 |
| 399 | U87 | NRSF | 0.4987 | 0.9828 | 0.4801 | 0.9832 | 0.9778 | 0.9752 | 0.3989 | 0.4430 |
| 400 | U87 | Pol2-4H8 | 0.4076 | 0.9341 | 0.3777 | 0.9283 | 0.9165 | 0.9245 | 0.3459 | 0.3712 |
| 401 | A549 | BHLHE40 | 0.1771 | 0.9694 | 0.1744 | 0.9631 | 0.9584 | 0.9629 | 0.1239 | 0.1621 |
| 402 | A549 | CEBPB | 0.5708 | 0.9795 | 0.5588 | 0.9785 | 0.9716 | 0.9745 | 0.4908 | 0.5156 |
| 403 | A549 | Max | 0.4045 | 0.9788 | 0.3850 | 0.9776 | 0.9701 | 0.9754 | 0.3150 | 0.3530 |
| 404 | A549 | pol2(phosphoS2 | 0.0228 | 0.7566 | 0.0118 | 0.7116 | 0.6639 | 0.6974 | 0.0085 | 0.0107 |
| 405 | A549 | Rad21 | 0.7165 | 0.9918 | 0.6844 | 0.9910 | 0.9886 | 0.9904 | 0.6366 | 0.6790 |
| 406 | GM08714 | ZNF274 | 0.5153 | 0.9844 | 0.4869 | 0.9794 | 0.9720 | 0.9721 | 0.5179 | 0.5778 |
| 407 | GM10847 | NFKB | 0.2767 | 0.9662 | 0.2329 | 0.9611 | 0.9515 | 0.9529 | 0.1596 | 0.2030 |
| 408 | GM10847 | Pol2 | 0.6087 | 0.9927 | 0.5825 | 0.9915 | 0.9917 | 0.9917 | 0.5294 | 0.5760 |
| 409 | GM12878 | BHLHE40 | 0.2815 | 0.9577 | 0.2496 | 0.9537 | 0.9443 | 0.9490 | 0.2205 | 0.2329 |
| 410 | GM12878 | BRCA1 | 0.3671 | 0.9976 | 0.5929 | 0.9995 | 0.9973 | 0.9977 | 0.0575 | 0.1568 |
| 411 | GM12878 | c-Fos | 0.5074 | 0.9961 | 0.4407 | 0.9910 | 0.9888 | 0.9921 | 0.4087 | 0.4286 |
| 412 | GM12878 | CHD1 | 0.0919 | 0.9050 | 0.0795 | 0.8908 | 0.8884 | 0.8926 | 0.0706 | 0.0776 |
| 413 | GM12878 | CHD2 | 0.3785 | 0.9549 | 0.3420 | 0.9503 | 0.9420 | 0.9445 | 0.2990 | 0.3266 |
| 414 | GM12878 | COREST | 0.1385 | 0.9798 | 0.1544 | 0.9738 | 0.9608 | 0.9698 | 0.0523 | 0.0799 |
| 415 | GM12878 | CTCF | 0.6255 | 0.9854 | 0.6238 | 0.9853 | 0.9790 | 0.9840 | 0.5500 | 0.6069 |

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|-----|---------|----------------|--------|--------|--------|--------|--------|--------|--------|--------|
| 416 | GM12878 | E2F4 | 0.2327 | 0.9715 | 0.2031 | 0.9736 | 0.9707 | 0.9762 | 0.1961 | 0.2310 |
| 417 | GM12878 | EBF1 | 0.3182 | 0.9298 | 0.3009 | 0.9251 | 0.8925 | 0.9266 | 0.1873 | 0.2908 |
| 418 | GM12878 | ELK1 | 0.4795 | 0.9699 | 0.4573 | 0.9663 | 0.9657 | 0.9674 | 0.4044 | 0.4367 |
| 419 | GM12878 | IKZF1 | 0.1824 | 0.9354 | 0.1697 | 0.9322 | 0.9237 | 0.9296 | 0.1335 | 0.1472 |
| 420 | GM12878 | JunD | 0.2093 | 0.9772 | 0.1551 | 0.9789 | 0.9662 | 0.9720 | 0.1017 | 0.1199 |
| 421 | GM12878 | Max | 0.4134 | 0.9636 | 0.3761 | 0.9592 | 0.9575 | 0.9590 | 0.3424 | 0.3752 |
| 422 | GM12878 | MAZ | 0.4637 | 0.9614 | 0.4380 | 0.9567 | 0.9520 | 0.9551 | 0.4059 | 0.4360 |
| 423 | GM12878 | Mxi1 | 0.4073 | 0.9494 | 0.3748 | 0.9436 | 0.9393 | 0.9434 | 0.3382 | 0.3681 |
| 424 | GM12878 | NF-E2 | 0.4472 | 0.9938 | 0.4565 | 0.9879 | 0.9857 | 0.9892 | 0.3453 | 0.4321 |
| 425 | GM12878 | NFKB | 0.3112 | 0.9540 | 0.2732 | 0.9488 | 0.9398 | 0.9411 | 0.2170 | 0.2397 |
| 426 | GM12878 | NF-YA | 0.4728 | 0.9899 | 0.4736 | 0.9915 | 0.9872 | 0.9867 | 0.4052 | 0.4643 |
| 427 | GM12878 | NF-YB | 0.4757 | 0.9564 | 0.4607 | 0.9580 | 0.9532 | 0.9591 | 0.4111 | 0.4579 |
| 428 | GM12878 | Nrf1 | 0.5559 | 0.9911 | 0.5529 | 0.9916 | 0.9880 | 0.9916 | 0.4514 | 0.5275 |
| 429 | GM12878 | p300 | 0.2452 | 0.9683 | 0.2009 | 0.9676 | 0.9600 | 0.9605 | 0.1496 | 0.1664 |
| 430 | GM12878 | p300 | 0.2829 | 0.9444 | 0.2475 | 0.9399 | 0.9319 | 0.9306 | 0.2057 | 0.2142 |
| 431 | GM12878 | Pol2 | 0.4385 | 0.9294 | 0.4114 | 0.9227 | 0.9195 | 0.9213 | 0.3835 | 0.4023 |
| 432 | GM12878 | pol2(phosphoS2 | 0.3823 | 0.9330 | 0.3655 | 0.9255 | 0.9241 | 0.9272 | 0.3403 | 0.3715 |

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|-----|---------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 433 | GM12878 | Pol2 | 0.4638 | 0.9734 | 0.4321 | 0.9682 | 0.9681 | 0.9694 | 0.4035 | 0.4310 |
| 434 | GM12878 | Pol3 | 0.0049 | 0.9758 | 0.0056 | 0.8952 | 0.9421 | 0.9867 | 0.0001 | 0.0037 |
| 435 | GM12878 | Rad21 | 0.6628 | 0.9852 | 0.6463 | 0.9845 | 0.9792 | 0.9832 | 0.5944 | 0.6355 |
| 436 | GM12878 | RFX5 | 0.2409 | 0.9343 | 0.2333 | 0.9343 | 0.9212 | 0.9337 | 0.2089 | 0.2309 |
| 437 | GM12878 | SIN3A | 0.3905 | 0.9582 | 0.3585 | 0.9532 | 0.9500 | 0.9545 | 0.3272 | 0.3537 |
| 438 | GM12878 | SMC3 | 0.7238 | 0.9825 | 0.7016 | 0.9804 | 0.9771 | 0.9792 | 0.6670 | 0.6983 |
| 439 | GM12878 | STAT1 | 0.0756 | 0.9322 | 0.0487 | 0.9376 | 0.9255 | 0.9260 | 0.0623 | 0.0574 |
| 440 | GM12878 | STAT3 | 0.1320 | 0.9253 | 0.1002 | 0.9182 | 0.9116 | 0.9191 | 0.0865 | 0.0961 |
| 441 | GM12878 | TBLR1 | 0.2581 | 0.9423 | 0.2202 | 0.9344 | 0.9273 | 0.9313 | 0.1834 | 0.2023 |
| 442 | GM12878 | TBP | 0.2820 | 0.9228 | 0.2476 | 0.9161 | 0.9114 | 0.9132 | 0.2201 | 0.2360 |
| 443 | GM12878 | TR4 | 0.1745 | 0.9665 | 0.1471 | 0.9701 | 0.9623 | 0.9663 | 0.1450 | 0.1442 |
| 444 | GM12878 | USF2 | 0.4191 | 0.9799 | 0.3995 | 0.9789 | 0.9731 | 0.9764 | 0.3246 | 0.3621 |
| 445 | GM12878 | WHIP | 0.1368 | 0.8955 | 0.1148 | 0.8794 | 0.8718 | 0.8803 | 0.1005 | 0.1191 |
| 446 | GM12878 | YY1 | 0.1523 | 0.9491 | 0.1159 | 0.9397 | 0.9267 | 0.9332 | 0.0744 | 0.0891 |
| 447 | GM12878 | Znf143 | 0.6959 | 0.9903 | 0.6670 | 0.9897 | 0.9826 | 0.9878 | 0.6168 | 0.6689 |
| 448 | GM12878 | ZNF274 | 0.0296 | 0.8205 | 0.0320 | 0.8027 | 0.7069 | 0.7413 | 0.0019 | 0.0292 |
| 449 | GM12878 | ZZZ3 | 0.2819 | 0.9640 | 0.3213 | 0.9383 | 0.9083 | 0.9319 | 0.0340 | 0.1253 |

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|-----|---------|-------|--------|--------|--------|--------|--------|--------|--------|--------|
| 450 | GM12891 | NFKB | 0.4216 | 0.9537 | 0.3912 | 0.9506 | 0.9382 | 0.9423 | 0.2978 | 0.3294 |
| 451 | GM12891 | Pol2 | 0.4396 | 0.9330 | 0.4114 | 0.9265 | 0.9242 | 0.9283 | 0.3716 | 0.4011 |
| 452 | GM12892 | NFKB | 0.2907 | 0.9706 | 0.2523 | 0.9650 | 0.9562 | 0.9577 | 0.1681 | 0.2131 |
| 453 | GM12892 | Pol2 | 0.5414 | 0.9546 | 0.5115 | 0.9506 | 0.9481 | 0.9499 | 0.4807 | 0.5040 |
| 454 | GM15510 | NFKB | 0.3443 | 0.9620 | 0.3157 | 0.9571 | 0.9483 | 0.9527 | 0.2632 | 0.2896 |
| 455 | GM15510 | Pol2 | 0.6484 | 0.9765 | 0.6204 | 0.9752 | 0.9744 | 0.9746 | 0.5932 | 0.6160 |
| 456 | GM18505 | NFKB | 0.2966 | 0.9595 | 0.2391 | 0.9541 | 0.9436 | 0.9441 | 0.1563 | 0.1956 |
| 457 | GM18505 | Pol2 | 0.4906 | 0.9434 | 0.4582 | 0.9379 | 0.9363 | 0.9400 | 0.4406 | 0.4610 |
| 458 | GM18526 | NFKB | 0.1932 | 0.9777 | 0.1603 | 0.9706 | 0.9585 | 0.9590 | 0.0749 | 0.1082 |
| 459 | GM18526 | Pol2 | 0.6112 | 0.9784 | 0.5825 | 0.9760 | 0.9753 | 0.9756 | 0.5479 | 0.5753 |
| 460 | GM18951 | NFKB | 0.3064 | 0.9571 | 0.2648 | 0.9529 | 0.9419 | 0.9433 | 0.1983 | 0.2277 |
| 461 | GM18951 | Pol2 | 0.6479 | 0.9706 | 0.6215 | 0.9684 | 0.9660 | 0.9677 | 0.5960 | 0.6145 |
| 462 | GM19099 | NFKB | 0.2883 | 0.9726 | 0.2538 | 0.9681 | 0.9598 | 0.9581 | 0.1636 | 0.2022 |
| 463 | GM19099 | Pol2 | 0.5333 | 0.9560 | 0.5029 | 0.9526 | 0.9484 | 0.9512 | 0.4737 | 0.5014 |
| 464 | GM19193 | NFKB | 0.2885 | 0.9791 | 0.2352 | 0.9758 | 0.9671 | 0.9646 | 0.1412 | 0.1892 |
| 465 | GM19193 | Pol2 | 0.5740 | 0.9624 | 0.5451 | 0.9603 | 0.9579 | 0.9597 | 0.5155 | 0.5360 |
| 466 | H1-hESC | Bach1 | 0.2952 | 0.9694 | 0.2916 | 0.9680 | 0.9524 | 0.9557 | 0.2039 | 0.2371 |

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|-----|---------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 467 | H1-hESC | BRCA1 | 0.1177 | 0.9698 | 0.2001 | 0.9716 | 0.9508 | 0.9523 | 0.0862 | 0.1132 |
| 468 | H1-hESC | CEBPB | 0.4826 | 0.9847 | 0.4949 | 0.9851 | 0.9734 | 0.9805 | 0.3280 | 0.4361 |
| 469 | H1-hESC | CHD1 | 0.0597 | 0.9542 | 0.0529 | 0.9540 | 0.9465 | 0.9519 | 0.0598 | 0.0640 |
| 470 | H1-hESC | CHD2 | 0.3178 | 0.9787 | 0.3162 | 0.9771 | 0.9676 | 0.9730 | 0.2552 | 0.2796 |
| 471 | H1-hESC | c-Jun | 0.2389 | 0.9835 | 0.2544 | 0.9802 | 0.9607 | 0.9718 | 0.0995 | 0.1971 |
| 472 | H1-hESC | c-Myc | 0.3009 | 0.9869 | 0.2798 | 0.9851 | 0.9718 | 0.9813 | 0.1767 | 0.2109 |
| 473 | H1-hESC | CtBP2 | 0.1926 | 0.9602 | 0.1826 | 0.9616 | 0.9508 | 0.9586 | 0.1523 | 0.1721 |
| 474 | H1-hESC | GTF2F1 | 0.2596 | 0.9744 | 0.2377 | 0.9766 | 0.9585 | 0.9660 | 0.2061 | 0.2339 |
| 475 | H1-hESC | JunD | 0.3048 | 0.9716 | 0.3247 | 0.9695 | 0.9495 | 0.9634 | 0.2191 | 0.2781 |
| 476 | H1-hESC | MafK | 0.4769 | 0.9802 | 0.4535 | 0.9786 | 0.9702 | 0.9686 | 0.3372 | 0.3589 |
| 477 | H1-hESC | Max | 0.3487 | 0.9669 | 0.3482 | 0.9687 | 0.9468 | 0.9636 | 0.2344 | 0.2944 |
| 478 | H1-hESC | Mxi1 | 0.3409 | 0.9803 | 0.3351 | 0.9792 | 0.9689 | 0.9754 | 0.2186 | 0.2737 |
| 479 | H1-hESC | Nrf1 | 0.5384 | 0.9949 | 0.5454 | 0.9950 | 0.9929 | 0.9932 | 0.3950 | 0.4903 |
| 480 | H1-hESC | Rad21 | 0.6691 | 0.9856 | 0.6694 | 0.9856 | 0.9800 | 0.9839 | 0.6186 | 0.6559 |
| 481 | H1-hESC | RFX5 | 0.0339 | 0.8864 | 0.0285 | 0.8877 | 0.8495 | 0.8804 | 0.0285 | 0.0279 |
| 482 | H1-hESC | SIN3A | 0.4342 | 0.9639 | 0.4169 | 0.9620 | 0.9465 | 0.9577 | 0.3635 | 0.3974 |
| 483 | H1-hESC | SUZ12 | 0.2956 | 0.9826 | 0.2830 | 0.9814 | 0.9776 | 0.9809 | 0.2516 | 0.2825 |

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|-----|--------------|-----------|--------|--------|--------|--------|--------|--------|--------|--------|
| 484 | H1-hESC | TBP | 0.4484 | 0.9668 | 0.4278 | 0.9660 | 0.9580 | 0.9635 | 0.3928 | 0.4222 |
| 485 | H1-hESC | USF2 | 0.4804 | 0.9872 | 0.4736 | 0.9888 | 0.9832 | 0.9860 | 0.3673 | 0.4280 |
| 486 | H1-hESC | Znf143 | 0.6276 | 0.9687 | 0.6266 | 0.9670 | 0.9530 | 0.9628 | 0.5380 | 0.5999 |
| 487 | HCT-116 | Pol2 | 0.5450 | 0.9627 | 0.5178 | 0.9582 | 0.9545 | 0.9554 | 0.4872 | 0.5096 |
| 488 | HCT-116 | TCF7L2 | 0.2661 | 0.9148 | 0.2590 | 0.9206 | 0.8983 | 0.9110 | 0.2237 | 0.2503 |
| 489 | HEK293 | ELK4 | 0.1622 | 0.9226 | 0.1719 | 0.8996 | 0.8969 | 0.8950 | 0.1974 | 0.1544 |
| 490 | HEK293 | KAP1 | 0.1711 | 0.8618 | 0.1546 | 0.8486 | 0.8172 | 0.8388 | 0.1123 | 0.1448 |
| 491 | HEK293 | Pol2 | 0.6113 | 0.9946 | 0.5858 | 0.9932 | 0.9914 | 0.9935 | 0.5293 | 0.5733 |
| 492 | HEK293 | TCF7L2 | 0.1021 | 0.8959 | 0.0969 | 0.8882 | 0.8630 | 0.8764 | 0.0695 | 0.0819 |
| 493 | HEK293-T-REx | ZNF263 | 0.4036 | 0.9398 | 0.4012 | 0.9412 | 0.8740 | 0.8795 | 0.2363 | 0.2456 |
| 494 | HeLa-S3 | AP-2alpha | 0.3089 | 0.9446 | 0.2779 | 0.9365 | 0.9012 | 0.9269 | 0.1954 | 0.2534 |
| 495 | HeLa-S3 | AP-2gamma | 0.3345 | 0.9370 | 0.3035 | 0.9300 | 0.8973 | 0.9214 | 0.2297 | 0.2796 |
| 496 | HeLa-S3 | BAF155 | 0.2054 | 0.9351 | 0.1837 | 0.9293 | 0.9095 | 0.9208 | 0.1469 | 0.1725 |
| 497 | HeLa-S3 | BAF170 | 0.1094 | 0.9583 | 0.1094 | 0.9470 | 0.9285 | 0.9452 | 0.0701 | 0.0977 |
| 498 | HeLa-S3 | BDP1 | 0.1458 | 0.9156 | 0.1127 | 0.9234 | 0.9123 | 0.8797 | 0.0095 | 0.1092 |
| 499 | HeLa-S3 | BRCA1 | 0.2769 | 0.9634 | 0.2696 | 0.9585 | 0.9448 | 0.9537 | 0.2265 | 0.2457 |
| 500 | HeLa-S3 | BRF1 | 0.0001 | 0.7278 | 0.0001 | 0.6609 | 0.8307 | 0.6870 | 0.0001 | 0.0002 |
| 501 | HeLa-S3 | BRF2 | 0.0122 | 0.8487 | 0.1185 | 0.8291 | 0.7953 | 0.8319 | 0.0053 | 0.1183 |
| 502 | HeLa-S3 | Brg1 | 0.0307 | 0.9193 | 0.0335 | 0.9114 | 0.8915 | 0.9070 | 0.0224 | 0.0309 |

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|-----|---------|---------|--------|--------|--------|--------|--------|--------|--------|--------|
| 503 | HeLa-S3 | CEBPB | 0.4553 | 0.9513 | 0.4385 | 0.9487 | 0.9356 | 0.9405 | 0.3850 | 0.3999 |
| 504 | HeLa-S3 | c-Fos | 0.3276 | 0.9824 | 0.2988 | 0.9795 | 0.9740 | 0.9779 | 0.2478 | 0.2578 |
| 505 | HeLa-S3 | CHD2 | 0.4342 | 0.9593 | 0.4074 | 0.9544 | 0.9452 | 0.9508 | 0.3775 | 0.3995 |
| 506 | HeLa-S3 | c-Jun | 0.4047 | 0.9649 | 0.3795 | 0.9632 | 0.9498 | 0.9562 | 0.3220 | 0.3388 |
| 507 | HeLa-S3 | c-Myc | 0.3066 | 0.9700 | 0.2785 | 0.9653 | 0.9545 | 0.9608 | 0.2360 | 0.2478 |
| 508 | HeLa-S3 | COREST | 0.2900 | 0.9400 | 0.2636 | 0.9343 | 0.9151 | 0.9288 | 0.2240 | 0.2486 |
| 509 | HeLa-S3 | E2F1 | 0.3036 | 0.9868 | 0.2915 | 0.9862 | 0.9867 | 0.9876 | 0.2729 | 0.3112 |
| 510 | HeLa-S3 | E2F4 | 0.2218 | 0.9741 | 0.2107 | 0.9663 | 0.9698 | 0.9703 | 0.1977 | 0.2349 |
| 511 | HeLa-S3 | E2F6 | 0.2936 | 0.9773 | 0.2851 | 0.9764 | 0.9711 | 0.9749 | 0.2399 | 0.2669 |
| 512 | HeLa-S3 | ELK1 | 0.4877 | 0.9768 | 0.4652 | 0.9730 | 0.9743 | 0.9749 | 0.4202 | 0.4584 |
| 513 | HeLa-S3 | ELK4 | 0.4411 | 0.9745 | 0.4304 | 0.9730 | 0.9621 | 0.9674 | 0.3619 | 0.3973 |
| 514 | HeLa-S3 | GTF2F1 | 0.3143 | 0.9481 | 0.2760 | 0.9418 | 0.9312 | 0.9375 | 0.2413 | 0.2690 |
| 515 | HeLa-S3 | HA-E2F1 | 0.4409 | 0.9917 | 0.4254 | 0.9901 | 0.9910 | 0.9916 | 0.4121 | 0.4408 |
| 516 | HeLa-S3 | Ini1 | 0.2029 | 0.9668 | 0.1975 | 0.9640 | 0.9581 | 0.9625 | 0.1785 | 0.1876 |
| 517 | HeLa-S3 | IRF3 | 0.5333 | 0.9914 | 0.4798 | 0.9889 | 0.9870 | 0.9838 | 0.4166 | 0.4673 |
| 518 | HeLa-S3 | JunD | 0.4335 | 0.9635 | 0.4082 | 0.9622 | 0.9498 | 0.9560 | 0.3628 | 0.3802 |
| 519 | HeLa-S3 | MafK | 0.3785 | 0.9670 | 0.3510 | 0.9652 | 0.9513 | 0.9527 | 0.2592 | 0.2799 |

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|-----|---------|----------------|--------|--------|--------|--------|--------|--------|--------|--------|
| 520 | HeLa-S3 | Max | 0.4263 | 0.9492 | 0.3915 | 0.9446 | 0.9297 | 0.9370 | 0.3546 | 0.3821 |
| 521 | HeLa-S3 | MAZ | 0.4488 | 0.9728 | 0.4409 | 0.9710 | 0.9665 | 0.9695 | 0.3944 | 0.4316 |
| 522 | HeLa-S3 | Mxi1 | 0.3658 | 0.9629 | 0.3311 | 0.9551 | 0.9481 | 0.9533 | 0.3092 | 0.3232 |
| 523 | HeLa-S3 | NF-YA | 0.4281 | 0.9744 | 0.3983 | 0.9733 | 0.9685 | 0.9767 | 0.3366 | 0.3961 |
| 524 | HeLa-S3 | NF-YB | 0.3541 | 0.9592 | 0.3370 | 0.9591 | 0.9487 | 0.9581 | 0.2714 | 0.3304 |
| 525 | HeLa-S3 | Nrf1 | 0.5197 | 0.9754 | 0.5307 | 0.9784 | 0.9740 | 0.9818 | 0.3811 | 0.4552 |
| 526 | HeLa-S3 | p300 | 0.3328 | 0.9458 | 0.3099 | 0.9418 | 0.9233 | 0.9303 | 0.2616 | 0.2723 |
| 527 | HeLa-S3 | Pol2(phosphoS2 | 0.3690 | 0.9226 | 0.3424 | 0.9130 | 0.9099 | 0.9155 | 0.3250 | 0.3395 |
| 528 | HeLa-S3 | Pol2 | 0.6035 | 0.9641 | 0.5719 | 0.9588 | 0.9561 | 0.9590 | 0.5722 | 0.5851 |
| 529 | HeLa-S3 | PRDM1 | 0.0694 | 0.9275 | 0.0588 | 0.9237 | 0.8976 | 0.9084 | 0.0425 | 0.0458 |
| 530 | HeLa-S3 | Rad21 | 0.5896 | 0.9734 | 0.5672 | 0.9729 | 0.9613 | 0.9687 | 0.5203 | 0.5594 |
| 531 | HeLa-S3 | RFX5 | 0.3217 | 0.9408 | 0.2930 | 0.9370 | 0.9220 | 0.9321 | 0.2559 | 0.2853 |
| 532 | HeLa-S3 | RPC155 | 0.1371 | 0.9362 | 0.1471 | 0.9299 | 0.9191 | 0.9313 | 0.0588 | 0.0951 |
| 533 | HeLa-S3 | SMC3 | 0.5504 | 0.9715 | 0.5294 | 0.9706 | 0.9617 | 0.9670 | 0.4864 | 0.5227 |
| 534 | HeLa-S3 | SPT20 | 0.0063 | 0.8191 | 0.0074 | 0.8258 | 0.7839 | 0.8193 | 0.0046 | 0.0064 |
| 535 | HeLa-S3 | STAT1 | 0.2704 | 0.9208 | 0.2441 | 0.9151 | 0.8775 | 0.9093 | 0.1622 | 0.2229 |
| 536 | HeLa-S3 | STAT3 | 0.3043 | 0.9555 | 0.2729 | 0.9516 | 0.9336 | 0.9414 | 0.2136 | 0.2295 |

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|-----|---------|------------|--------|--------|--------|--------|--------|--------|--------|--------|
| 537 | HeLa-S3 | TBP | 0.3211 | 0.9318 | 0.2866 | 0.9229 | 0.9122 | 0.9182 | 0.2626 | 0.2774 |
| 538 | HeLa-S3 | TCF7L2 | 0.2401 | 0.8969 | 0.2294 | 0.8949 | 0.8671 | 0.8833 | 0.1833 | 0.2046 |
| 539 | HeLa-S3 | TCF7L2 | 0.0642 | 0.9077 | 0.0638 | 0.9086 | 0.8696 | 0.8871 | 0.0451 | 0.0584 |
| 540 | HeLa-S3 | TFIIIC-110 | 0.1136 | 0.9494 | 0.1192 | 0.9517 | 0.9353 | 0.9477 | 0.0729 | 0.1081 |
| 541 | HeLa-S3 | TR4 | 0.0951 | 0.9178 | 0.0721 | 0.9067 | 0.8902 | 0.9093 | 0.0522 | 0.0689 |
| 542 | HeLa-S3 | USF2 | 0.3376 | 0.9661 | 0.3304 | 0.9636 | 0.9544 | 0.9582 | 0.2730 | 0.3011 |
| 543 | HeLa-S3 | ZKSCAN1 | 0.1139 | 0.9120 | 0.1105 | 0.9167 | 0.9070 | 0.9168 | 0.0992 | 0.1050 |
| 544 | HeLa-S3 | Znf143 | 0.3973 | 0.9760 | 0.3875 | 0.9737 | 0.9601 | 0.9701 | 0.3091 | 0.3768 |
| 545 | HeLa-S3 | ZNF274 | 0.0001 | 0.9604 | 0.0001 | 0.9061 | 0.9040 | 0.9488 | 0.0002 | 0.0001 |
| 546 | HeLa-S3 | ZZZ3 | 0.0815 | 0.9333 | 0.0404 | 0.9236 | 0.8552 | 0.8719 | 0.0102 | 0.0192 |
| 547 | HepG2 | ARID3A | 0.2452 | 0.9482 | 0.2222 | 0.9435 | 0.9247 | 0.9326 | 0.1553 | 0.1954 |
| 548 | HepG2 | BHLHE40 | 0.2763 | 0.9655 | 0.2690 | 0.9622 | 0.9509 | 0.9575 | 0.2236 | 0.2507 |
| 549 | HepG2 | BRCA1 | 0.2068 | 0.9911 | 0.3645 | 0.9926 | 0.9862 | 0.9834 | 0.1195 | 0.1765 |
| 550 | HepG2 | CEBPB | 0.4124 | 0.9823 | 0.3974 | 0.9813 | 0.9724 | 0.9762 | 0.3136 | 0.3492 |
| 551 | HepG2 | CEBPB | 0.6164 | 0.9831 | 0.6154 | 0.9834 | 0.9771 | 0.9786 | 0.5495 | 0.5783 |
| 552 | HepG2 | CHD2 | 0.2253 | 0.9775 | 0.2629 | 0.9793 | 0.9703 | 0.9744 | 0.1696 | 0.1735 |
| 553 | HepG2 | c-Jun | 0.4195 | 0.9836 | 0.3965 | 0.9837 | 0.9715 | 0.9787 | 0.2930 | 0.3534 |
| 554 | HepG2 | COREST | 0.1802 | 0.9672 | 0.1919 | 0.9660 | 0.9545 | 0.9628 | 0.1247 | 0.1429 |
| 555 | HepG2 | ERRA | 0.0577 | 0.9788 | 0.0744 | 0.9807 | 0.9744 | 0.9722 | 0.0444 | 0.0442 |
| 556 | HepG2 | GRp20 | 0.2725 | 0.9974 | 0.2446 | 0.9947 | 0.9957 | 0.9883 | 0.1771 | 0.1694 |
| 557 | HepG2 | HNF4A | 0.3334 | 0.9762 | 0.3236 | 0.9782 | 0.9653 | 0.9751 | 0.2165 | 0.2737 |
| 558 | HepG2 | HSF1 | 0.1722 | 0.9617 | 0.1254 | 0.9552 | 0.9384 | 0.9547 | 0.0277 | 0.1180 |
| 559 | HepG2 | IRF3 | 0.4609 | 0.9838 | 0.4309 | 0.9778 | 0.9625 | 0.9796 | 0.3506 | 0.3834 |
| 560 | HepG2 | JunD | 0.6186 | 0.9836 | 0.6215 | 0.9842 | 0.9714 | 0.9790 | 0.4573 | 0.5635 |

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|-----|-------|----------------|--------|--------|--------|--------|--------|--------|--------|--------|
| 561 | HepG2 | MafF | 0.6024 | 0.9843 | 0.6021 | 0.9838 | 0.9762 | 0.9741 | 0.5173 | 0.5211 |
| 562 | HepG2 | MafK | 0.7648 | 0.9889 | 0.7685 | 0.9888 | 0.9822 | 0.9770 | 0.6808 | 0.6745 |
| 563 | HepG2 | MafK | 0.6456 | 0.9870 | 0.6426 | 0.9866 | 0.9789 | 0.9736 | 0.5428 | 0.5361 |
| 564 | HepG2 | Max | 0.4129 | 0.9814 | 0.3909 | 0.9811 | 0.9754 | 0.9788 | 0.3377 | 0.3671 |
| 565 | HepG2 | MAZ | 0.4370 | 0.9808 | 0.4226 | 0.9778 | 0.9755 | 0.9782 | 0.3762 | 0.4058 |
| 566 | HepG2 | Mxi1 | 0.4912 | 0.9735 | 0.4611 | 0.9718 | 0.9625 | 0.9678 | 0.4091 | 0.4385 |
| 567 | HepG2 | Nrf1 | 0.5839 | 0.9916 | 0.5884 | 0.9900 | 0.9936 | 0.9891 | 0.3688 | 0.5116 |
| 568 | HepG2 | p300 | 0.2018 | 0.9639 | 0.1817 | 0.9605 | 0.9471 | 0.9562 | 0.1131 | 0.1429 |
| 569 | HepG2 | PGC1A | 0.0466 | 0.9447 | 0.0407 | 0.9382 | 0.9239 | 0.9326 | 0.0180 | 0.0405 |
| 570 | HepG2 | Pol2 | 0.4394 | 0.9638 | 0.4322 | 0.9609 | 0.9580 | 0.9616 | 0.4004 | 0.4238 |
| 571 | HepG2 | Pol2 | 0.4596 | 0.9551 | 0.4323 | 0.9497 | 0.9403 | 0.9453 | 0.4019 | 0.4260 |
| 572 | HepG2 | Pol2(phosphoS2 | 0.1199 | 0.8836 | 0.0875 | 0.8568 | 0.8449 | 0.8582 | 0.0775 | 0.0810 |
| 573 | HepG2 | Rad21 | 0.6395 | 0.9878 | 0.6267 | 0.9877 | 0.9819 | 0.9855 | 0.5839 | 0.6189 |
| 574 | HepG2 | RFX5 | 0.2611 | 0.9218 | 0.2438 | 0.9173 | 0.8976 | 0.9128 | 0.2369 | 0.2451 |
| 575 | HepG2 | SMC3 | 0.6595 | 0.9869 | 0.6331 | 0.9859 | 0.9798 | 0.9836 | 0.5949 | 0.6251 |
| 576 | HepG2 | SREBP1 | 0.2571 | 0.9863 | 0.2663 | 0.9852 | 0.9809 | 0.9832 | 0.1769 | 0.1935 |
| 577 | HepG2 | TBP | 0.4038 | 0.9640 | 0.3800 | 0.9606 | 0.9505 | 0.9557 | 0.3415 | 0.3581 |
| 578 | HepG2 | TCF7L2 | 0.0829 | 0.9266 | 0.0750 | 0.9318 | 0.8994 | 0.9038 | 0.0452 | 0.0502 |
| 579 | HepG2 | TR4 | 0.2168 | 0.9661 | 0.1930 | 0.9643 | 0.9554 | 0.9625 | 0.1619 | 0.1720 |
| 580 | HepG2 | USF2 | 0.4254 | 0.9918 | 0.4227 | 0.9923 | 0.9887 | 0.9891 | 0.3234 | 0.3635 |
| 581 | HepG2 | ZNF274 | 0.0001 | 0.7696 | 0.0000 | 0.6715 | 0.5815 | 0.6671 | 0.0000 | 0.0000 |
| 582 | HUVEC | c-Fos | 0.5154 | 0.9589 | 0.4981 | 0.9566 | 0.9430 | 0.9488 | 0.4358 | 0.4582 |
| 583 | HUVEC | c-Jun | 0.4172 | 0.9709 | 0.3858 | 0.9674 | 0.9548 | 0.9597 | 0.3316 | 0.3441 |
| 584 | HUVEC | GATA2 | 0.3592 | 0.9315 | 0.3346 | 0.9288 | 0.9038 | 0.9065 | 0.2606 | 0.2780 |
| 585 | HUVEC | Max | 0.3638 | 0.9875 | 0.3569 | 0.9857 | 0.9822 | 0.9853 | 0.2981 | 0.3289 |
| 586 | HUVEC | Pol2 | 0.3440 | 0.9366 | 0.3196 | 0.9292 | 0.9197 | 0.9263 | 0.2875 | 0.2977 |
| 587 | IMR90 | CEBPB | 0.5934 | 0.9708 | 0.5765 | 0.9694 | 0.9577 | 0.9638 | 0.4919 | 0.5421 |
| 588 | IMR90 | CTCF | 0.7065 | 0.9869 | 0.6923 | 0.9867 | 0.9815 | 0.9843 | 0.6523 | 0.6799 |
| 589 | IMR90 | MafK | 0.5765 | 0.9786 | 0.5646 | 0.9776 | 0.9696 | 0.9657 | 0.4775 | 0.4809 |
| 590 | IMR90 | Pol2 | 0.4256 | 0.9458 | 0.4001 | 0.9376 | 0.9278 | 0.9372 | 0.3818 | 0.4024 |
| 591 | IMR90 | Rad21 | 0.6072 | 0.9803 | 0.5771 | 0.9790 | 0.9725 | 0.9767 | 0.5414 | 0.5734 |
| 592 | K562 | ARID3A | 0.1613 | 0.9490 | 0.1379 | 0.9448 | 0.9341 | 0.9391 | 0.1087 | 0.1251 |
| 593 | K562 | ATF1 | 0.3121 | 0.9747 | 0.2962 | 0.9736 | 0.9634 | 0.9672 | 0.2570 | 0.2712 |
| 594 | K562 | ATF3 | 0.3657 | 0.9880 | 0.3323 | 0.9846 | 0.9739 | 0.9828 | 0.2727 | 0.3046 |

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|-----|------|---------|--------|--------|--------|--------|--------|--------|--------|--------|
| 595 | K562 | Bach1 | 0.2752 | 0.9651 | 0.2738 | 0.9617 | 0.9508 | 0.9436 | 0.1822 | 0.1827 |
| 596 | K562 | BDP1 | 0.3108 | 0.9796 | 0.3660 | 0.9958 | 0.9629 | 0.9856 | 0.0244 | 0.1445 |
| 597 | K562 | BHLHE40 | 0.3070 | 0.9559 | 0.3007 | 0.9554 | 0.9472 | 0.9536 | 0.2525 | 0.2782 |
| 599 | K562 | BRF2 | 0.0045 | 0.7924 | 0.0021 | 0.7813 | 0.7482 | 0.7725 | 0.0010 | 0.0015 |
| 600 | K562 | Brg1 | 0.0786 | 0.9336 | 0.0745 | 0.9267 | 0.9186 | 0.9218 | 0.0480 | 0.0859 |
| 601 | K562 | CCNT2 | 0.4927 | 0.9713 | 0.4737 | 0.9707 | 0.9653 | 0.9686 | 0.4608 | 0.4762 |
| 602 | K562 | CEBPB | 0.4684 | 0.9729 | 0.4425 | 0.9716 | 0.9607 | 0.9666 | 0.3613 | 0.4151 |
| 603 | K562 | c-Fos | 0.4241 | 0.9885 | 0.4063 | 0.9874 | 0.9856 | 0.9886 | 0.3027 | 0.3863 |
| 604 | K562 | CHD2 | 0.3448 | 0.9771 | 0.3755 | 0.9758 | 0.9644 | 0.9725 | 0.2505 | 0.2900 |
| 605 | K562 | c-Jun | 0.3031 | 0.9771 | 0.2796 | 0.9755 | 0.9645 | 0.9714 | 0.2360 | 0.2539 |
| 606 | K562 | c-Jun | 0.2765 | 0.9828 | 0.2510 | 0.9789 | 0.9732 | 0.9764 | 0.2102 | 0.2369 |
| 607 | K562 | c-Jun | 0.3022 | 0.9774 | 0.2738 | 0.9735 | 0.9661 | 0.9688 | 0.2381 | 0.2524 |
| 608 | K562 | c-Jun | 0.3124 | 0.9786 | 0.2785 | 0.9774 | 0.9700 | 0.9731 | 0.2421 | 0.2583 |
| 609 | K562 | c-Jun | 0.3204 | 0.9883 | 0.2975 | 0.9858 | 0.9810 | 0.9844 | 0.2611 | 0.2636 |
| 610 | K562 | c-Myc | 0.3479 | 0.9758 | 0.3267 | 0.9752 | 0.9665 | 0.9728 | 0.2520 | 0.2922 |
| 611 | K562 | c-Myc | 0.3518 | 0.9690 | 0.3361 | 0.9701 | 0.9592 | 0.9651 | 0.2637 | 0.3017 |
| 612 | K562 | c-Myc | 0.4576 | 0.9590 | 0.4229 | 0.9569 | 0.9450 | 0.9523 | 0.3692 | 0.4129 |
| 613 | K562 | c-Myc | 0.4001 | 0.9595 | 0.3670 | 0.9573 | 0.9442 | 0.9525 | 0.3079 | 0.3419 |
| 614 | K562 | c-Myc | 0.4183 | 0.9603 | 0.3891 | 0.9558 | 0.9403 | 0.9515 | 0.3351 | 0.3728 |
| 615 | K562 | c-Myc | 0.3031 | 0.9880 | 0.2702 | 0.9854 | 0.9781 | 0.9848 | 0.2002 | 0.2393 |
| 616 | K562 | COREST | 0.1406 | 0.9322 | 0.1245 | 0.9331 | 0.9085 | 0.9216 | 0.0908 | 0.1114 |
| 617 | K562 | COREST | 0.2964 | 0.9295 | 0.2805 | 0.9299 | 0.9106 | 0.9199 | 0.2253 | 0.2588 |
| 618 | K562 | CTCF | 0.6293 | 0.9863 | 0.6175 | 0.9855 | 0.9812 | 0.9842 | 0.5696 | 0.6092 |
| 619 | K562 | E2F4 | 0.4550 | 0.9926 | 0.4290 | 0.9919 | 0.9911 | 0.9917 | 0.4184 | 0.4402 |
| 620 | K562 | E2F6 | 0.3743 | 0.9730 | 0.3615 | 0.9701 | 0.9651 | 0.9702 | 0.3305 | 0.3482 |
| 621 | K562 | ELK1 | 0.4881 | 0.9781 | 0.4676 | 0.9779 | 0.9746 | 0.9785 | 0.4137 | 0.4441 |
| 622 | K562 | GATA1 | 0.3035 | 0.9824 | 0.2597 | 0.9835 | 0.9781 | 0.9807 | 0.1682 | 0.2216 |
| 623 | K562 | GATA2 | 0.2926 | 0.9709 | 0.2603 | 0.9707 | 0.9612 | 0.9612 | 0.2127 | 0.2435 |
| 624 | K562 | GTF2B | 0.1778 | 0.9590 | 0.1522 | 0.9575 | 0.9543 | 0.9542 | 0.1176 | 0.1201 |
| 625 | K562 | GTF2F1 | 0.2064 | 0.9641 | 0.1859 | 0.9613 | 0.9651 | 0.9678 | 0.1711 | 0.1635 |
| 626 | K562 | HMG3 | 0.5022 | 0.9804 | 0.4709 | 0.9794 | 0.9763 | 0.9782 | 0.4622 | 0.4760 |
| 627 | K562 | Ini1 | 0.0311 | 0.9217 | 0.0321 | 0.9239 | 0.9019 | 0.9072 | 0.0336 | 0.0385 |
| 628 | K562 | IRF1 | 0.1809 | 0.9693 | 0.1601 | 0.9717 | 0.9510 | 0.9515 | 0.0386 | 0.1143 |
| 629 | K562 | IRF1 | 0.3224 | 0.9776 | 0.2832 | 0.9736 | 0.9590 | 0.9702 | 0.1847 | 0.2504 |

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|-----|------|----------------|--------|--------|--------|--------|--------|--------|--------|--------|
| 630 | K562 | IRF1 | 0.3291 | 0.9646 | 0.2926 | 0.9644 | 0.9488 | 0.9587 | 0.2302 | 0.2748 |
| 631 | K562 | IRF1 | 0.6012 | 0.9867 | 0.5661 | 0.9855 | 0.9809 | 0.9853 | 0.5501 | 0.5710 |
| 632 | K562 | JunD | 0.4257 | 0.9609 | 0.3938 | 0.9576 | 0.9473 | 0.9536 | 0.3436 | 0.3660 |
| 633 | K562 | KAP1 | 0.2033 | 0.9451 | 0.1972 | 0.9494 | 0.9252 | 0.9400 | 0.1579 | 0.2010 |
| 634 | K562 | MafF | 0.4943 | 0.9755 | 0.4644 | 0.9729 | 0.9631 | 0.9555 | 0.3690 | 0.3668 |
| 635 | K562 | MafK | 0.4860 | 0.9778 | 0.4510 | 0.9742 | 0.9650 | 0.9593 | 0.3444 | 0.3600 |
| 636 | K562 | Max | 0.4268 | 0.9613 | 0.3983 | 0.9579 | 0.9485 | 0.9557 | 0.3604 | 0.3908 |
| 637 | K562 | MAZ | 0.5070 | 0.9697 | 0.4810 | 0.9675 | 0.9604 | 0.9662 | 0.4506 | 0.4864 |
| 638 | K562 | Mxi1 | 0.3114 | 0.9778 | 0.2835 | 0.9745 | 0.9671 | 0.9727 | 0.1993 | 0.2402 |
| 639 | K562 | NELFe | 0.1138 | 0.9713 | 0.0852 | 0.9730 | 0.9644 | 0.9733 | 0.0416 | 0.0861 |
| 640 | K562 | NF-E2 | 0.2775 | 0.9944 | 0.2530 | 0.9922 | 0.9780 | 0.9742 | 0.1569 | 0.1501 |
| 641 | K562 | NF-YA | 0.4520 | 0.9944 | 0.4257 | 0.9899 | 0.9874 | 0.9923 | 0.3545 | 0.4179 |
| 642 | K562 | NF-YB | 0.6031 | 0.9871 | 0.5894 | 0.9865 | 0.9847 | 0.9884 | 0.5119 | 0.5769 |
| 643 | K562 | Nrf1 | 0.4838 | 0.9845 | 0.5058 | 0.9845 | 0.9840 | 0.9862 | 0.3438 | 0.4230 |
| 644 | K562 | p300 | 0.2982 | 0.9457 | 0.2783 | 0.9424 | 0.9239 | 0.9316 | 0.2286 | 0.2471 |
| 645 | K562 | Pol2 | 0.5105 | 0.9695 | 0.4768 | 0.9679 | 0.9637 | 0.9676 | 0.4422 | 0.4807 |
| 646 | K562 | Pol2 | 0.5016 | 0.9702 | 0.4669 | 0.9649 | 0.9618 | 0.9662 | 0.4435 | 0.4758 |
| 647 | K562 | Pol2 | 0.4929 | 0.9657 | 0.4640 | 0.9637 | 0.9589 | 0.9650 | 0.4349 | 0.4741 |
| 648 | K562 | Pol2 | 0.5690 | 0.9674 | 0.5251 | 0.9649 | 0.9608 | 0.9648 | 0.4929 | 0.5347 |
| 649 | K562 | Pol2 | 0.1725 | 0.9338 | 0.1581 | 0.9289 | 0.9173 | 0.9245 | 0.1272 | 0.1463 |
| 650 | K562 | pol2(phosphoS2 | 0.1497 | 0.9180 | 0.0914 | 0.8954 | 0.8868 | 0.8928 | 0.0835 | 0.0899 |
| 651 | K562 | pol2(phosphoS2 | 0.0390 | 0.8714 | 0.0116 | 0.8308 | 0.7971 | 0.8120 | 0.0082 | 0.0132 |
| 652 | K562 | Pol2 | 0.5464 | 0.9704 | 0.5080 | 0.9672 | 0.9610 | 0.9653 | 0.4816 | 0.5152 |
| 653 | K562 | Pol3 | 0.0001 | 0.9771 | 0.0000 | 0.9333 | 0.8909 | 0.9403 | 0.0000 | 0.0000 |
| 654 | K562 | Rad21 | 0.6446 | 0.9961 | 0.6126 | 0.9955 | 0.9938 | 0.9947 | 0.5798 | 0.6072 |
| 655 | K562 | RFX5 | 0.0908 | 0.9100 | 0.0913 | 0.8865 | 0.8598 | 0.8914 | 0.0470 | 0.0704 |
| 656 | K562 | RPC155 | 0.1733 | 0.9509 | 0.1543 | 0.9490 | 0.9279 | 0.9389 | 0.0439 | 0.1064 |
| 657 | K562 | SETDB1 | 0.1333 | 0.9392 | 0.0842 | 0.9306 | 0.9067 | 0.9291 | 0.0795 | 0.1083 |
| 658 | K562 | SETDB1 | 0.1372 | 0.9680 | 0.1243 | 0.9640 | 0.9475 | 0.9564 | 0.0835 | 0.1209 |
| 659 | K562 | SIRT6 | 0.1393 | 0.9759 | 0.0982 | 0.9724 | 0.9617 | 0.9683 | 0.0714 | 0.1049 |
| 660 | K562 | SMC3 | 0.7040 | 0.9927 | 0.6700 | 0.9919 | 0.9889 | 0.9909 | 0.6373 | 0.6694 |
| 661 | K562 | STAT1 | 0.1242 | 0.9750 | 0.1196 | 0.9743 | 0.9540 | 0.9689 | 0.0532 | 0.1285 |
| 662 | K562 | STAT1 | 0.0819 | 0.9602 | 0.0516 | 0.9496 | 0.9479 | 0.9571 | 0.0324 | 0.0969 |
| 663 | K562 | STAT1 | 0.2038 | 0.9670 | 0.1980 | 0.9657 | 0.9438 | 0.9616 | 0.1132 | 0.1842 |

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|-----|-------------------|------------|--------|--------|--------|--------|--------|--------|--------|--------|
| 664 | K562 | STAT1 | 0.1393 | 0.9715 | 0.1100 | 0.9684 | 0.9390 | 0.9655 | 0.0731 | 0.1177 |
| 665 | K562 | STAT2 | 0.1461 | 0.9765 | 0.1112 | 0.9722 | 0.9630 | 0.9727 | 0.0622 | 0.1192 |
| 666 | K562 | STAT2 | 0.1157 | 0.9657 | 0.0817 | 0.9565 | 0.9459 | 0.9598 | 0.0425 | 0.1311 |
| 667 | K562 | TAL1 | 0.4219 | 0.9631 | 0.4155 | 0.9641 | 0.9561 | 0.9578 | 0.3196 | 0.3452 |
| 668 | K562 | TBLR1 | 0.1723 | 0.9462 | 0.1462 | 0.9458 | 0.9383 | 0.9433 | 0.0864 | 0.1326 |
| 669 | K562 | TBLR1 | 0.2585 | 0.9681 | 0.2163 | 0.9644 | 0.9575 | 0.9602 | 0.1816 | 0.2056 |
| 670 | K562 | TBP | 0.4005 | 0.9543 | 0.3729 | 0.9510 | 0.9440 | 0.9505 | 0.3474 | 0.3731 |
| 671 | K562 | TFIIIC-110 | 0.0923 | 0.9380 | 0.0963 | 0.9310 | 0.8970 | 0.9116 | 0.0438 | 0.0806 |
| 672 | K562 | TR4 | 0.0814 | 0.9226 | 0.0600 | 0.9310 | 0.9374 | 0.9083 | 0.0235 | 0.0554 |
| 673 | K562 | UBF | 0.2191 | 0.9798 | 0.2076 | 0.9809 | 0.9783 | 0.9817 | 0.1983 | 0.2211 |
| 674 | K562 | UBTF | 0.2899 | 0.9678 | 0.2923 | 0.9655 | 0.9639 | 0.9657 | 0.2805 | 0.2861 |
| 675 | K562 | USF2 | 0.4625 | 0.9818 | 0.4461 | 0.9827 | 0.9808 | 0.9862 | 0.3883 | 0.4131 |
| 676 | K562 | YY1 | 0.5001 | 0.9931 | 0.4806 | 0.9933 | 0.9896 | 0.9906 | 0.4080 | 0.4192 |
| 677 | K562 | Znf143 | 0.6004 | 0.9631 | 0.5887 | 0.9626 | 0.9473 | 0.9565 | 0.5251 | 0.5777 |
| 678 | K562 | ZNF263 | 0.2783 | 0.9818 | 0.2379 | 0.9820 | 0.9581 | 0.9618 | 0.1363 | 0.1434 |
| 679 | K562 | ZNF274 | 0.4167 | 0.9433 | 0.3711 | 0.9368 | 0.9070 | 0.9114 | 0.2415 | 0.3359 |
| 680 | K562 | ZNF274 | 0.3977 | 0.9763 | 0.3783 | 0.9541 | 0.9558 | 0.9523 | 0.3355 | 0.4317 |
| 681 | MCF10A- Er-Src | c-Fos | 0.5633 | 0.9734 | 0.5560 | 0.9725 | 0.9638 | 0.9685 | 0.5084 | 0.5266 |
| 682 | MCF10A- Er-Src | c-Fos | 0.5997 | 0.9693 | 0.5950 | 0.9689 | 0.9599 | 0.9649 | 0.5488 | 0.5691 |
| 683 | MCF10A- Er-Src | c-Fos | 0.5744 | 0.9689 | 0.5665 | 0.9686 | 0.9585 | 0.9644 | 0.5166 | 0.5407 |
| 684 | MCF10A- Er-Src | c-Fos | 0.5981 | 0.9740 | 0.5923 | 0.9739 | 0.9670 | 0.9707 | 0.5529 | 0.5661 |
| 685 | MCF10A- Er-Src | c-Myc | 0.3967 | 0.9552 | 0.3769 | 0.9521 | 0.9356 | 0.9461 | 0.3153 | 0.3508 |

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|-----|-------------------|---------|--------|--------|--------|--------|--------|--------|--------|--------|
| 686 | MCF10A- Er-Src | c-Myc | 0.3813 | 0.9621 | 0.3550 | 0.9593 | 0.9431 | 0.9530 | 0.3019 | 0.3255 |
| 687 | MCF10A- Er-Src | E2F4 | 0.3766 | 0.9597 | 0.3655 | 0.9569 | 0.9515 | 0.9579 | 0.3489 | 0.3611 |
| 688 | MCF10A- Er-Src | Pol2 | 0.5278 | 0.9370 | 0.5003 | 0.9321 | 0.9198 | 0.9278 | 0.4771 | 0.4926 |
| 689 | MCF10A- Er-Src | Pol2 | 0.5598 | 0.9479 | 0.5339 | 0.9435 | 0.9351 | 0.9401 | 0.5073 | 0.5294 |
| 690 | MCF10A- Er-Src | STAT3 | 0.4373 | 0.9567 | 0.4215 | 0.9553 | 0.9385 | 0.9500 | 0.3591 | 0.3963 |
| 691 | MCF10A- Er-Src | STAT3 | 0.4253 | 0.9550 | 0.4142 | 0.9538 | 0.9383 | 0.9482 | 0.3580 | 0.3880 |
| 692 | MCF10A- Er-Src | STAT3 | 0.3046 | 0.9687 | 0.2821 | 0.9673 | 0.9488 | 0.9605 | 0.2245 | 0.2557 |
| 693 | MCF10A- Er-Src | STAT3 | 0.4134 | 0.9564 | 0.4008 | 0.9556 | 0.9404 | 0.9494 | 0.3443 | 0.3750 |
| 694 | MCF10A- Er-Src | STAT3 | 0.4741 | 0.9533 | 0.4631 | 0.9528 | 0.9354 | 0.9462 | 0.3814 | 0.4260 |
| 695 | MCF-7 | GATA3 | 0.2138 | 0.9185 | 0.2218 | 0.9227 | 0.8827 | 0.8808 | 0.1338 | 0.1439 |
| 696 | MCF-7 | GATA3 | 0.1322 | 0.9220 | 0.1309 | 0.9246 | 0.8844 | 0.8885 | 0.0738 | 0.0731 |
| 697 | MCF-7 | HA-E2F1 | 0.4755 | 0.9604 | 0.4577 | 0.9573 | 0.9486 | 0.9566 | 0.4420 | 0.4640 |
| 698 | MCF-7 | TCF7L2 | 0.1545 | 0.8939 | 0.1453 | 0.8955 | 0.8543 | 0.8751 | 0.0935 | 0.1234 |
| 699 | MCF-7 | ZNF217 | 0.2308 | 0.9077 | 0.2158 | 0.9098 | 0.8451 | 0.8879 | 0.1105 | 0.1670 |
| 700 | NB4 | c-Myc | 0.4088 | 0.9641 | 0.3746 | 0.9605 | 0.9511 | 0.9593 | 0.3153 | 0.3646 |
| 701 | NB4 | Max | 0.4271 | 0.9625 | 0.4071 | 0.9600 | 0.9495 | 0.9586 | 0.3450 | 0.3956 |

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|-----|-----------|------------|--------|--------|--------|--------|--------|--------|--------|--------|
| 702 | NB4 | Pol2 | 0.5565 | 0.9767 | 0.5327 | 0.9765 | 0.9745 | 0.9758 | 0.5051 | 0.5361 |
| 703 | NT2-D1 | SUZ12 | 0.2642 | 0.9758 | 0.2327 | 0.9729 | 0.9681 | 0.9723 | 0.2079 | 0.2428 |
| 704 | NT2-D1 | YY1 | 0.4335 | 0.9867 | 0.4314 | 0.9873 | 0.9784 | 0.9830 | 0.3141 | 0.3637 |
| 705 | NT2-D1 | ZNF274 | 0.3552 | 0.9347 | 0.3086 | 0.9191 | 0.9162 | 0.9249 | 0.3035 | 0.3448 |
| 706 | PANC-1 | TCF7L2 | 0.1104 | 0.8777 | 0.1041 | 0.8739 | 0.8487 | 0.8598 | 0.0822 | 0.0947 |
| 707 | PBDEFetal | GATA1 | 0.3241 | 0.9787 | 0.2771 | 0.9815 | 0.9780 | 0.9793 | 0.1532 | 0.1885 |
| 708 | PBDE | GATA1 | 0.3548 | 0.9397 | 0.3364 | 0.9366 | 0.9159 | 0.9275 | 0.2615 | 0.3048 |
| 709 | PBDE | Pol2 | 0.5676 | 0.9604 | 0.5358 | 0.9576 | 0.9527 | 0.9577 | 0.5011 | 0.5300 |
| 710 | Raji | Pol2 | 0.6125 | 0.9588 | 0.5749 | 0.9556 | 0.9515 | 0.9506 | 0.5563 | 0.5759 |
| 711 | SH-SY5Y | GATA2 | 0.3984 | 0.9390 | 0.4064 | 0.9408 | 0.9176 | 0.9140 | 0.3070 | 0.3089 |
| 712 | SH-SY5Y | GATA3 | 0.2830 | 0.9445 | 0.2922 | 0.9473 | 0.9228 | 0.9237 | 0.2066 | 0.2195 |
| 713 | U2OS | KAP1 | 0.1824 | 0.8927 | 0.1537 | 0.8832 | 0.8476 | 0.8716 | 0.1209 | 0.1453 |
| 714 | U2OS | SETDB1 | 0.4381 | 0.9213 | 0.4291 | 0.9136 | 0.8917 | 0.9056 | 0.3540 | 0.4152 |
| 715 | K562 | eGFP-FOS | 0.3878 | 0.9837 | 0.3597 | 0.9837 | 0.9804 | 0.9820 | 0.3182 | 0.3384 |
| 716 | K562 | eGFP-GATA2 | 0.2641 | 0.9535 | 0.2342 | 0.9509 | 0.9338 | 0.9378 | 0.1875 | 0.2026 |
| 717 | K562 | eGFP-HDAC8 | 0.0308 | 0.8959 | 0.0317 | 0.9018 | 0.8859 | 0.8964 | 0.0205 | 0.0245 |
| 718 | K562 | eGFP-JunB | 0.3020 | 0.9686 | 0.2791 | 0.9653 | 0.9593 | 0.9629 | 0.2309 | 0.2645 |
| 719 | K562 | eGFP-JunD | 0.3377 | 0.9414 | 0.3109 | 0.9368 | 0.9190 | 0.9278 | 0.2650 | 0.2934 |
| 720 | A549 | CTCF | 0.6926 | 0.9863 | 0.6917 | 0.9869 | 0.9794 | 0.9852 | 0.6344 | 0.6823 |
| 721 | A549 | Pol2 | 0.5352 | 0.9862 | 0.5079 | 0.9847 | 0.9835 | 0.9846 | 0.4758 | 0.5014 |
| 722 | Fibrobl | CTCF | 0.6441 | 0.9872 | 0.6361 | 0.9868 | 0.9817 | 0.9859 | 0.5880 | 0.6286 |
| 723 | Gliobla | CTCF | 0.6981 | 0.9847 | 0.6943 | 0.9848 | 0.9792 | 0.9835 | 0.6534 | 0.6824 |
| 724 | Gliobla | Pol2 | 0.5081 | 0.9857 | 0.4860 | 0.9836 | 0.9822 | 0.9831 | 0.4484 | 0.4798 |
| 725 | GM12878 | c-Myc | 0.3692 | 0.9837 | 0.3421 | 0.9824 | 0.9815 | 0.9822 | 0.2549 | 0.3050 |
| 726 | GM12878 | CTCF | 0.6648 | 0.9895 | 0.6560 | 0.9898 | 0.9855 | 0.9889 | 0.6122 | 0.6454 |
| 727 | GM12878 | Pol2 | 0.4723 | 0.9479 | 0.4504 | 0.9437 | 0.9426 | 0.9458 | 0.4204 | 0.4439 |
| 728 | GM12891 | CTCF | 0.6321 | 0.9879 | 0.6265 | 0.9876 | 0.9820 | 0.9869 | 0.5650 | 0.6192 |

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|-----|---------|-------|--------|--------|--------|--------|--------|--------|--------|--------|
| 729 | GM12892 | CTCF | 0.6183 | 0.9846 | 0.6143 | 0.9845 | 0.9769 | 0.9838 | 0.5557 | 0.6069 |
| 730 | GM19238 | CTCF | 0.6581 | 0.9849 | 0.6543 | 0.9847 | 0.9771 | 0.9837 | 0.5913 | 0.6449 |
| 731 | GM19239 | CTCF | 0.5873 | 0.9863 | 0.5885 | 0.9860 | 0.9812 | 0.9854 | 0.5229 | 0.5787 |
| 732 | GM19240 | CTCF | 0.6722 | 0.9881 | 0.6664 | 0.9881 | 0.9823 | 0.9873 | 0.6133 | 0.6616 |
| 733 | H1-hESC | c-Myc | 0.0278 | 0.9196 | 0.0198 | 0.9186 | 0.9123 | 0.9195 | 0.0251 | 0.0226 |
| 734 | H1-hESC | CTCF | 0.6505 | 0.9915 | 0.6428 | 0.9914 | 0.9868 | 0.9908 | 0.5461 | 0.6244 |
| 735 | H1-hESC | Pol2 | 0.5045 | 0.9654 | 0.4819 | 0.9628 | 0.9552 | 0.9604 | 0.4525 | 0.4678 |
| 736 | HeLa-S3 | c-Myc | 0.1627 | 0.9686 | 0.1468 | 0.9692 | 0.9538 | 0.9616 | 0.0947 | 0.1198 |
| 737 | HeLa-S3 | CTCF | 0.6499 | 0.9884 | 0.6356 | 0.9884 | 0.9834 | 0.9871 | 0.5878 | 0.6287 |
| 738 | HeLa-S3 | Pol2 | 0.5568 | 0.9568 | 0.5194 | 0.9520 | 0.9490 | 0.9528 | 0.4991 | 0.5327 |
| 739 | HepG2 | c-Myc | 0.3033 | 0.9887 | 0.2593 | 0.9875 | 0.9855 | 0.9876 | 0.1468 | 0.2003 |
| 740 | HepG2 | CTCF | 0.7910 | 0.9963 | 0.7752 | 0.9961 | 0.9939 | 0.9955 | 0.7348 | 0.7642 |
| 741 | HepG2 | Pol2 | 0.4316 | 0.9503 | 0.4152 | 0.9395 | 0.9358 | 0.9422 | 0.3929 | 0.4074 |
| 742 | HUVEC | c-Myc | 0.2575 | 0.9877 | 0.2317 | 0.9843 | 0.9774 | 0.9812 | 0.1705 | 0.1972 |
| 743 | HUVEC | CTCF | 0.6056 | 0.9891 | 0.5977 | 0.9895 | 0.9854 | 0.9881 | 0.5559 | 0.5888 |
| 744 | HUVEC | Pol2 | 0.5321 | 0.9835 | 0.5075 | 0.9799 | 0.9779 | 0.9789 | 0.4552 | 0.5011 |
| 745 | K562 | c-Myc | 0.2824 | 0.9828 | 0.2683 | 0.9818 | 0.9785 | 0.9819 | 0.2043 | 0.2465 |
| 746 | K562 | CTCF | 0.6459 | 0.9898 | 0.6352 | 0.9893 | 0.9853 | 0.9883 | 0.5938 | 0.6289 |
| 747 | K562 | Pol2 | 0.4967 | 0.9582 | 0.4607 | 0.9546 | 0.9482 | 0.9546 | 0.4314 | 0.4644 |
| 748 | MCF-7 | c-Myc | 0.2730 | 0.9638 | 0.2588 | 0.9649 | 0.9544 | 0.9628 | 0.2040 | 0.2385 |
| 749 | MCF-7 | c-Myc | 0.3959 | 0.9743 | 0.3852 | 0.9730 | 0.9691 | 0.9723 | 0.3539 | 0.3769 |
| 750 | MCF-7 | c-Myc | 0.1939 | 0.9681 | 0.1862 | 0.9678 | 0.9648 | 0.9679 | 0.1435 | 0.1780 |
| 751 | MCF-7 | c-Myc | 0.4209 | 0.9636 | 0.4058 | 0.9621 | 0.9495 | 0.9595 | 0.3586 | 0.3953 |
| 752 | MCF-7 | CTCF | 0.6681 | 0.9859 | 0.6608 | 0.9857 | 0.9809 | 0.9847 | 0.5853 | 0.6521 |

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|-----|---------|------|--------|--------|--------|--------|--------|--------|--------|--------|
| 753 | MCF-7 | CTCF | 0.6483 | 0.9842 | 0.6511 | 0.9843 | 0.9800 | 0.9836 | 0.6039 | 0.6442 |
| 754 | MCF-7 | CTCF | 0.6306 | 0.9830 | 0.6307 | 0.9834 | 0.9782 | 0.9826 | 0.5830 | 0.6232 |
| 755 | MCF-7 | CTCF | 0.6510 | 0.9852 | 0.6516 | 0.9852 | 0.9794 | 0.9844 | 0.5993 | 0.6440 |
| 756 | MCF-7 | CTCF | 0.6938 | 0.9829 | 0.6938 | 0.9830 | 0.9759 | 0.9811 | 0.6430 | 0.6834 |
| 757 | MCF-7 | Pol2 | 0.6030 | 0.9772 | 0.5756 | 0.9752 | 0.9747 | 0.9761 | 0.5538 | 0.5817 |
| 758 | MCF-7 | Pol2 | 0.5304 | 0.9744 | 0.5088 | 0.9732 | 0.9722 | 0.9743 | 0.4715 | 0.5028 |
| 759 | MCF-7 | Pol2 | 0.4375 | 0.9433 | 0.4118 | 0.9353 | 0.9298 | 0.9351 | 0.3924 | 0.4149 |
| 760 | NHEK | CTCF | 0.6861 | 0.9872 | 0.6830 | 0.9872 | 0.9806 | 0.9863 | 0.6232 | 0.6681 |
| 761 | ProgFib | CTCF | 0.6378 | 0.9891 | 0.6148 | 0.9886 | 0.9836 | 0.9877 | 0.5625 | 0.6151 |
| 762 | ProgFib | Pol2 | 0.4746 | 0.9602 | 0.4464 | 0.9551 | 0.9515 | 0.9540 | 0.4244 | 0.4518 |
| 763 | A549 | CTCF | 0.7154 | 0.9860 | 0.7053 | 0.9859 | 0.9797 | 0.9835 | 0.6437 | 0.6889 |
| 764 | AG04449 | CTCF | 0.6826 | 0.9885 | 0.6607 | 0.9883 | 0.9837 | 0.9864 | 0.6185 | 0.6575 |
| 765 | AG04450 | CTCF | 0.6896 | 0.9844 | 0.6661 | 0.9836 | 0.9764 | 0.9803 | 0.6190 | 0.6547 |
| 766 | AG09309 | CTCF | 0.7364 | 0.9884 | 0.7123 | 0.9879 | 0.9827 | 0.9863 | 0.6633 | 0.7028 |
| 767 | AG09319 | CTCF | 0.7069 | 0.9842 | 0.6915 | 0.9838 | 0.9783 | 0.9817 | 0.6486 | 0.6811 |
| 768 | AG10803 | CTCF | 0.6805 | 0.9842 | 0.6626 | 0.9839 | 0.9774 | 0.9815 | 0.6205 | 0.6498 |
| 769 | AoAF | CTCF | 0.6646 | 0.9863 | 0.6489 | 0.9854 | 0.9794 | 0.9831 | 0.5986 | 0.6359 |
| 770 | BE2_C | CTCF | 0.6975 | 0.9814 | 0.6993 | 0.9815 | 0.9748 | 0.9796 | 0.6630 | 0.6894 |
| 771 | BJ | CTCF | 0.7150 | 0.9848 | 0.6981 | 0.9839 | 0.9779 | 0.9814 | 0.6567 | 0.6878 |
| 772 | Caco-2 | CTCF | 0.7378 | 0.9919 | 0.7264 | 0.9917 | 0.9883 | 0.9908 | 0.6859 | 0.7103 |
| 773 | GM06990 | CTCF | 0.7046 | 0.9870 | 0.7004 | 0.9867 | 0.9815 | 0.9852 | 0.6523 | 0.6889 |
| 774 | GM12801 | CTCF | 0.3812 | 0.9975 | 0.3361 | 0.9972 | 0.9964 | 0.9953 | 0.2625 | 0.3311 |
| 775 | GM12864 | CTCF | 0.7171 | 0.9870 | 0.7078 | 0.9864 | 0.9815 | 0.9847 | 0.6590 | 0.6918 |
| 776 | GM12865 | CTCF | 0.7297 | 0.9892 | 0.7176 | 0.9883 | 0.9839 | 0.9871 | 0.6762 | 0.7075 |

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|-----|---------|------|--------|--------|--------|--------|--------|--------|--------|--------|
| 777 | GM12872 | CTCF | 0.7176 | 0.9872 | 0.7096 | 0.9865 | 0.9815 | 0.9844 | 0.6607 | 0.6913 |
| 778 | GM12873 | CTCF | 0.7291 | 0.9859 | 0.7181 | 0.9851 | 0.9786 | 0.9832 | 0.6683 | 0.7048 |
| 779 | GM12874 | CTCF | 0.7253 | 0.9919 | 0.7118 | 0.9915 | 0.9884 | 0.9902 | 0.6628 | 0.6996 |
| 780 | GM12875 | CTCF | 0.7244 | 0.9911 | 0.7142 | 0.9905 | 0.9870 | 0.9892 | 0.6617 | 0.6979 |
| 781 | GM12878 | CTCF | 0.7361 | 0.9913 | 0.7236 | 0.9910 | 0.9874 | 0.9893 | 0.6692 | 0.7092 |
| 782 | HAc | CTCF | 0.7056 | 0.9830 | 0.6911 | 0.9823 | 0.9756 | 0.9798 | 0.6442 | 0.6786 |
| 783 | HA-sp | CTCF | 0.7201 | 0.9884 | 0.7074 | 0.9879 | 0.9835 | 0.9864 | 0.6661 | 0.7014 |
| 784 | HBMEC | CTCF | 0.7133 | 0.9833 | 0.7046 | 0.9829 | 0.9757 | 0.9800 | 0.6550 | 0.6903 |
| 785 | HCFaa | CTCF | 0.7041 | 0.9887 | 0.6869 | 0.9878 | 0.9833 | 0.9862 | 0.6403 | 0.6730 |
| 786 | HCM | CTCF | 0.7180 | 0.9811 | 0.7032 | 0.9809 | 0.9736 | 0.9784 | 0.6579 | 0.6910 |
| 787 | HCPEpiC | CTCF | 0.7082 | 0.9813 | 0.6992 | 0.9808 | 0.9733 | 0.9772 | 0.6538 | 0.6826 |
| 788 | HCT-116 | CTCF | 0.7130 | 0.9872 | 0.7022 | 0.9864 | 0.9806 | 0.9843 | 0.6560 | 0.6873 |
| 789 | HEEpiC | CTCF | 0.7040 | 0.9848 | 0.6858 | 0.9838 | 0.9774 | 0.9821 | 0.6366 | 0.6737 |
| 790 | HEK293 | CTCF | 0.7162 | 0.9898 | 0.7045 | 0.9893 | 0.9852 | 0.9885 | 0.6535 | 0.6900 |
| 791 | HeLa-S3 | CTCF | 0.7086 | 0.9903 | 0.6953 | 0.9899 | 0.9861 | 0.9887 | 0.6476 | 0.6842 |
| 792 | HepG2 | CTCF | 0.7144 | 0.9906 | 0.7085 | 0.9902 | 0.9858 | 0.9886 | 0.6458 | 0.6981 |
| 793 | HFF | CTCF | 0.7176 | 0.9904 | 0.6914 | 0.9896 | 0.9854 | 0.9879 | 0.6503 | 0.6807 |
| 794 | HFF-Myc | CTCF | 0.7371 | 0.9862 | 0.7222 | 0.9857 | 0.9798 | 0.9832 | 0.6721 | 0.7058 |
| 795 | HL-60 | CTCF | 0.7410 | 0.9968 | 0.7235 | 0.9966 | 0.9953 | 0.9965 | 0.6720 | 0.7162 |
| 796 | HMEC | CTCF | 0.7117 | 0.9846 | 0.7011 | 0.9839 | 0.9765 | 0.9821 | 0.6453 | 0.6846 |
| 797 | HMF | CTCF | 0.7076 | 0.9855 | 0.6926 | 0.9849 | 0.9793 | 0.9824 | 0.6428 | 0.6790 |
| 798 | HPAF | CTCF | 0.7135 | 0.9820 | 0.7034 | 0.9817 | 0.9746 | 0.9786 | 0.6570 | 0.6892 |
| 799 | HPF | CTCF | 0.6899 | 0.9867 | 0.6698 | 0.9859 | 0.9807 | 0.9838 | 0.6254 | 0.6579 |
| 800 | HRE | CTCF | 0.7163 | 0.9880 | 0.7044 | 0.9879 | 0.9831 | 0.9862 | 0.6547 | 0.6899 |

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|-----|------------|-----------|--------|--------|--------|--------|--------|--------|--------|--------|
| 801 | HRPEpiC | CTCF | 0.7112 | 0.9874 | 0.7060 | 0.9873 | 0.9830 | 0.9856 | 0.6555 | 0.6915 |
| 802 | HUVEC | CTCF | 0.7243 | 0.9909 | 0.7115 | 0.9906 | 0.9873 | 0.9893 | 0.6686 | 0.6989 |
| 803 | HVMF | CTCF | 0.7141 | 0.9854 | 0.7025 | 0.9846 | 0.9786 | 0.9826 | 0.6557 | 0.6920 |
| 804 | K562 | CTCF | 0.7008 | 0.9899 | 0.6914 | 0.9894 | 0.9853 | 0.9880 | 0.6362 | 0.6786 |
| 805 | MCF-7 | CTCF | 0.6846 | 0.9853 | 0.6761 | 0.9848 | 0.9793 | 0.9830 | 0.6317 | 0.6685 |
| 806 | NB4 | CTCF | 0.7330 | 0.9928 | 0.7220 | 0.9925 | 0.9897 | 0.9912 | 0.6775 | 0.7123 |
| 807 | NHDF-neo | CTCF | 0.6864 | 0.9809 | 0.6664 | 0.9804 | 0.9733 | 0.9775 | 0.6278 | 0.6574 |
| 808 | NHEK | CTCF | 0.7168 | 0.9872 | 0.7039 | 0.9867 | 0.9806 | 0.9847 | 0.6512 | 0.6939 |
| 809 | NHLF | CTCF | 0.6706 | 0.9873 | 0.6474 | 0.9866 | 0.9812 | 0.9848 | 0.5987 | 0.6362 |
| 810 | RPTEC | CTCF | 0.7529 | 0.9835 | 0.7443 | 0.9827 | 0.9762 | 0.9809 | 0.7019 | 0.7354 |
| 811 | SAEC | CTCF | 0.7345 | 0.9899 | 0.7183 | 0.9892 | 0.9851 | 0.9875 | 0.6749 | 0.7048 |
| 812 | SK-N-SH_RA | CTCF | 0.7241 | 0.9908 | 0.7134 | 0.9906 | 0.9872 | 0.9894 | 0.6761 | 0.7010 |
| 813 | WERI-Rb-1 | CTCF | 0.6908 | 0.9894 | 0.6880 | 0.9894 | 0.9848 | 0.9882 | 0.6258 | 0.6700 |
| 814 | WI-38 | CTCF | 0.7332 | 0.9474 | 0.7263 | 0.9464 | 0.9344 | 0.9415 | 0.6888 | 0.7131 |
| 815 | H1-hESC | H2AK5ac | 0.3687 | 0.8616 | 0.3586 | 0.8552 | 0.8526 | 0.8544 | 0.3478 | 0.3582 |
| 816 | H1-hESC | H2AZ | 0.1750 | 0.8855 | 0.1669 | 0.8818 | 0.8800 | 0.8832 | 0.1617 | 0.1694 |
| 817 | H1-hESC | H2BK120ac | 0.0897 | 0.8170 | 0.0869 | 0.8138 | 0.7993 | 0.8106 | 0.0559 | 0.0697 |
| 818 | H1-hESC | H2BK12ac | 0.1867 | 0.8659 | 0.1770 | 0.8612 | 0.8579 | 0.8624 | 0.1616 | 0.1706 |
| 819 | H1-hESC | H2BK15ac | 0.1259 | 0.8869 | 0.1198 | 0.8855 | 0.8874 | 0.8877 | 0.1234 | 0.1196 |
| 820 | H1-hESC | H2BK20ac | 0.0803 | 0.8407 | 0.0752 | 0.8377 | 0.8249 | 0.8301 | 0.0557 | 0.0612 |
| 821 | H1-hESC | H2BK5ac | 0.2733 | 0.8701 | 0.2650 | 0.8686 | 0.8543 | 0.8626 | 0.2331 | 0.2468 |
| 822 | H1-hESC | H3K14ac | 0.0785 | 0.8989 | 0.0774 | 0.8958 | 0.8876 | 0.8948 | 0.0677 | 0.0732 |

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|-----|---------|----------|--------|--------|--------|--------|--------|--------|--------|--------|
| 823 | H1-hESC | H3K18ac | 0.3558 | 0.8691 | 0.3474 | 0.8657 | 0.8554 | 0.8603 | 0.3220 | 0.3347 |
| 824 | H1-hESC | H3K23ac | 0.0475 | 0.8733 | 0.0493 | 0.8697 | 0.8707 | 0.8727 | 0.0504 | 0.0507 |
| 825 | H1-hESC | H3K23me2 | 0.5467 | 0.9599 | 0.5335 | 0.9581 | 0.9558 | 0.9583 | 0.5097 | 0.5300 |
| 826 | H1-hESC | H3K27ac | 0.4604 | 0.8763 | 0.4445 | 0.8713 | 0.8558 | 0.8652 | 0.4040 | 0.4300 |
| 827 | H1-hESC | H3K27me3 | 0.5163 | 0.8938 | 0.4763 | 0.8843 | 0.8793 | 0.8835 | 0.4456 | 0.4684 |
| 828 | H1-hESC | H3K36me3 | 0.3576 | 0.8749 | 0.2104 | 0.8081 | 0.7898 | 0.8030 | 0.1846 | 0.2095 |
| 829 | H1-hESC | H3K4ac | 0.0752 | 0.8723 | 0.0708 | 0.8701 | 0.8568 | 0.8666 | 0.0535 | 0.0622 |
| 830 | H1-hESC | H3K4me1 | 0.4048 | 0.8684 | 0.3932 | 0.8622 | 0.8487 | 0.8569 | 0.3559 | 0.3772 |
| 831 | H1-hESC | H3K4me2 | 0.7663 | 0.9295 | 0.7500 | 0.9225 | 0.9099 | 0.9175 | 0.7210 | 0.7404 |
| 832 | H1-hESC | H3K4me3 | 0.9049 | 0.9838 | 0.8834 | 0.9779 | 0.9759 | 0.9778 | 0.8742 | 0.8831 |
| 833 | H1-hESC | H3K56ac | 0.3385 | 0.9081 | 0.3303 | 0.9085 | 0.8995 | 0.9057 | 0.2986 | 0.3210 |
| 834 | H1-hESC | H3K79me1 | 0.1446 | 0.8992 | 0.1174 | 0.8791 | 0.8755 | 0.8789 | 0.1162 | 0.1190 |
| 835 | H1-hESC | H3K79me2 | 0.1692 | 0.8838 | 0.1273 | 0.8568 | 0.8500 | 0.8565 | 0.1246 | 0.1297 |
| 836 | H1-hESC | H3K9ac | 0.6982 | 0.9515 | 0.6663 | 0.9446 | 0.9407 | 0.9433 | 0.6483 | 0.6632 |
| 837 | H1-hESC | H3K9me3 | 0.2889 | 0.8611 | 0.2728 | 0.8382 | 0.8227 | 0.8321 | 0.2276 | 0.2586 |
| 838 | H1-hESC | H4K20me1 | 0.2823 | 0.8869 | 0.2599 | 0.8699 | 0.8676 | 0.8708 | 0.2555 | 0.2605 |
| 839 | H1-hESC | H4K5ac | 0.3646 | 0.8786 | 0.3530 | 0.8761 | 0.8589 | 0.8691 | 0.3148 | 0.3368 |

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|-----|--------------------------------------|----------|--------|--------|--------|--------|--------|--------|--------|--------|
| 840 | H1-hESC | H4K8ac | 0.4946 | 0.9205 | 0.4891 | 0.9196 | 0.9195 | 0.9202 | 0.4849 | 0.4895 |
| 841 | H1-hESC | H4K91ac | 0.5645 | 0.8605 | 0.5323 | 0.8479 | 0.8322 | 0.8411 | 0.5014 | 0.5203 |
| 842 | K562 | H2AZ | 0.5108 | 0.8833 | 0.4824 | 0.8747 | 0.8606 | 0.8681 | 0.4558 | 0.4756 |
| 843 | K562 | H3K27ac | 0.5352 | 0.8826 | 0.4932 | 0.8716 | 0.8563 | 0.8667 | 0.4622 | 0.4864 |
| 844 | K562 | H3K27me3 | 0.1036 | 0.8620 | 0.0965 | 0.8545 | 0.8526 | 0.8561 | 0.0983 | 0.0993 |
| 845 | K562 | H3K36me3 | 0.2696 | 0.8545 | 0.1648 | 0.7978 | 0.7879 | 0.7968 | 0.1426 | 0.1593 |
| 846 | K562 | H3K4me1 | 0.4096 | 0.8308 | 0.3767 | 0.8160 | 0.7971 | 0.8080 | 0.3361 | 0.3576 |
| 847 | K562 | H3K4me2 | 0.6287 | 0.9043 | 0.5881 | 0.8918 | 0.8785 | 0.8870 | 0.5601 | 0.5822 |
| 848 | K562 | H3K4me3 | 0.6518 | 0.9200 | 0.6046 | 0.9065 | 0.8951 | 0.9036 | 0.5825 | 0.6046 |
| 849 | K562 | H3K79me2 | 0.4364 | 0.8576 | 0.3564 | 0.8151 | 0.8089 | 0.8160 | 0.3381 | 0.3560 |
| 850 | K562 | H3K9ac | 0.6018 | 0.9061 | 0.5506 | 0.8922 | 0.8808 | 0.8890 | 0.5270 | 0.5519 |
| 851 | K562 | H3K9me1 | 0.0512 | 0.8825 | 0.0469 | 0.8759 | 0.8795 | 0.8818 | 0.0451 | 0.0479 |
| 852 | K562 | H3K9me3 | 0.0968 | 0.8784 | 0.0775 | 0.8729 | 0.8526 | 0.8650 | 0.0697 | 0.0835 |
| 853 | K562 | H4K20me1 | 0.1837 | 0.8941 | 0.1407 | 0.8703 | 0.8665 | 0.8703 | 0.1391 | 0.1511 |
| 854 | Monocyte s- CD14+RO 01746?? | H2AZ | 0.6242 | 0.8985 | 0.6030 | 0.8908 | 0.8823 | 0.8888 | 0.5818 | 0.5995 |
| 855 | Monocyte s- CD14+RO 01746?? | H3K27ac | 0.5407 | 0.8374 | 0.4909 | 0.8096 | 0.7973 | 0.8061 | 0.4659 | 0.4867 |
| 856 | Monocyte s- CD14+RO 01746?? | H3K27me3 | 0.4804 | 0.8224 | 0.4463 | 0.8040 | 0.7949 | 0.8012 | 0.4262 | 0.4440 |

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|-----|--------------------------------------|----------|--------|--------|--------|--------|--------|--------|--------|--------|
| 857 | Monocyte s- CD14+RO 01746?? | H3K36me3 | 0.4287 | 0.8474 | 0.2764 | 0.7694 | 0.7570 | 0.7670 | 0.2541 | 0.2744 |
| 858 | Monocyte s- CD14+RO 01746?? | H3K4me1 | 0.5921 | 0.8397 | 0.5546 | 0.8227 | 0.8072 | 0.8168 | 0.5184 | 0.5441 |
| 859 | Monocyte s- CD14+RO 01746?? | H3K4me2 | 0.7324 | 0.9193 | 0.7015 | 0.9076 | 0.8966 | 0.9030 | 0.6746 | 0.6952 |
| 860 | Monocyte s- CD14+RO 01746?? | H3K4me3 | 0.6983 | 0.9087 | 0.6684 | 0.8985 | 0.8865 | 0.8939 | 0.6388 | 0.6625 |
| 861 | Monocyte s- CD14+RO 01746?? | H3K79me2 | 0.4023 | 0.8342 | 0.3187 | 0.7755 | 0.7694 | 0.7761 | 0.3034 | 0.3190 |
| 862 | Monocyte s- CD14+RO 01746?? | H3K9ac | 0.6576 | 0.9245 | 0.6255 | 0.9146 | 0.9090 | 0.9133 | 0.6039 | 0.6243 |

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|-----|--------------------------------------|----------|--------|--------|--------|--------|--------|--------|--------|--------|
| 863 | Monocyte s- CD14+RO 01746?? | H3K9me3 | 0.3665 | 0.8562 | 0.3411 | 0.8336 | 0.8193 | 0.8326 | 0.2922 | 0.3337 |
| 864 | Monocyte s- CD14+RO 01746?? | H4K20me1 | 0.3553 | 0.8264 | 0.2669 | 0.7553 | 0.7521 | 0.7578 | 0.2641 | 0.2707 |
| 865 | NH-A | H2AZ | 0.6902 | 0.9463 | 0.6686 | 0.9418 | 0.9345 | 0.9392 | 0.6437 | 0.6630 |
| 866 | NH-A | H3K27ac | 0.5981 | 0.8751 | 0.5623 | 0.8624 | 0.8483 | 0.8542 | 0.5303 | 0.5464 |
| 867 | NH-A | H3K27me3 | 0.3472 | 0.8553 | 0.3075 | 0.8365 | 0.8291 | 0.8369 | 0.2841 | 0.3034 |
| 868 | NH-A | H3K36me3 | 0.2987 | 0.8626 | 0.1624 | 0.7894 | 0.7750 | 0.7893 | 0.1339 | 0.1547 |
| 869 | NH-A | H3K4me1 | 0.5832 | 0.8533 | 0.5563 | 0.8391 | 0.8217 | 0.8305 | 0.5183 | 0.5381 |
| 870 | NH-A | H3K4me2 | 0.7578 | 0.9124 | 0.7313 | 0.9004 | 0.8865 | 0.8932 | 0.7004 | 0.7176 |
| 871 | NH-A | H3K4me3 | 0.7576 | 0.9443 | 0.7232 | 0.9323 | 0.9270 | 0.9313 | 0.7080 | 0.7216 |
| 872 | NH-A | H3K79me2 | 0.4307 | 0.8499 | 0.3514 | 0.7971 | 0.7928 | 0.7981 | 0.3358 | 0.3504 |
| 873 | NH-A | H3K9ac | 0.6685 | 0.9061 | 0.6295 | 0.8919 | 0.8814 | 0.8875 | 0.6024 | 0.6212 |
| 874 | NH-A | H3K9me3 | 0.1929 | 0.8516 | 0.1802 | 0.8383 | 0.8258 | 0.8338 | 0.1520 | 0.1735 |
| 875 | NH-A | H4K20me1 | 0.3342 | 0.8583 | 0.2567 | 0.8062 | 0.8026 | 0.8079 | 0.2510 | 0.2570 |
| 876 | NHDF-Ad | H2AZ | 0.6151 | 0.9441 | 0.5851 | 0.9392 | 0.9313 | 0.9367 | 0.5558 | 0.5793 |
| 877 | NHDF-Ad | H3K27ac | 0.4761 | 0.8780 | 0.4304 | 0.8614 | 0.8501 | 0.8555 | 0.4033 | 0.4214 |
| 878 | NHDF-Ad | H3K27me3 | 0.2665 | 0.8864 | 0.2318 | 0.8702 | 0.8636 | 0.8713 | 0.2013 | 0.2229 |
| 879 | NHDF-Ad | H3K36me3 | 0.1446 | 0.8754 | 0.0673 | 0.8098 | 0.7932 | 0.8064 | 0.0501 | 0.0638 |
| 880 | NHDF-Ad | H3K4me1 | 0.3995 | 0.8290 | 0.3672 | 0.8120 | 0.7971 | 0.8058 | 0.3359 | 0.3515 |
| 881 | NHDF-Ad | H3K4me2 | 0.6565 | 0.9133 | 0.6139 | 0.8972 | 0.8836 | 0.8921 | 0.5810 | 0.6034 |

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|-----|---------|----------|--------|--------|--------|--------|--------|--------|--------|--------|
| 882 | NHDF-Ad | H3K4me3 | 0.7254 | 0.9584 | 0.6727 | 0.9458 | 0.9421 | 0.9462 | 0.6537 | 0.6742 |
| 883 | NHDF-Ad | H3K79me2 | 0.3675 | 0.8547 | 0.2889 | 0.7989 | 0.7933 | 0.7983 | 0.2741 | 0.2834 |
| 884 | NHDF-Ad | H3K9ac | 0.6438 | 0.9403 | 0.5864 | 0.9263 | 0.9198 | 0.9247 | 0.5656 | 0.5887 |
| 885 | NHDF-Ad | H3K9me3 | 0.1417 | 0.9009 | 0.1105 | 0.8887 | 0.8641 | 0.8777 | 0.0942 | 0.1247 |
| 886 | NHDF-Ad | H4K20me1 | 0.2079 | 0.8444 | 0.1596 | 0.8095 | 0.8069 | 0.8117 | 0.1643 | 0.1658 |
| 887 | NHEK | H2AZ | 0.5650 | 0.9051 | 0.5401 | 0.8988 | 0.8857 | 0.8957 | 0.5080 | 0.5325 |
| 888 | NHEK | H3K27ac | 0.5908 | 0.8710 | 0.5444 | 0.8534 | 0.8343 | 0.8483 | 0.5051 | 0.5331 |
| 889 | NHEK | H3K27me3 | 0.4429 | 0.8823 | 0.4041 | 0.8717 | 0.8634 | 0.8697 | 0.3753 | 0.3953 |
| 890 | NHEK | H3K36me3 | 0.3474 | 0.8570 | 0.2362 | 0.7983 | 0.7921 | 0.8000 | 0.2167 | 0.2375 |
| 891 | NHEK | H3K4me1 | 0.5627 | 0.8368 | 0.5284 | 0.8206 | 0.7930 | 0.8132 | 0.4688 | 0.5122 |
| 892 | NHEK | H3K4me2 | 0.6864 | 0.8933 | 0.6507 | 0.8783 | 0.8576 | 0.8736 | 0.6084 | 0.6412 |
| 893 | NHEK | H3K4me3 | 0.7399 | 0.9356 | 0.7070 | 0.9234 | 0.9129 | 0.9216 | 0.6843 | 0.7047 |
| 894 | NHEK | H3K79me2 | 0.4482 | 0.8559 | 0.3573 | 0.7986 | 0.7945 | 0.8004 | 0.3432 | 0.3561 |
| 895 | NHEK | H3K9ac | 0.6631 | 0.9127 | 0.6178 | 0.8971 | 0.8852 | 0.8936 | 0.5894 | 0.6120 |
| 896 | NHEK | H3K9me1 | 0.0762 | 0.8567 | 0.0593 | 0.8263 | 0.8256 | 0.8273 | 0.0578 | 0.0602 |
| 897 | NHEK | H3K9me3 | 0.1942 | 0.8638 | 0.1744 | 0.8284 | 0.8167 | 0.8259 | 0.1414 | 0.1702 |
| 898 | NHEK | H4K20me1 | 0.1608 | 0.8525 | 0.1082 | 0.8120 | 0.8077 | 0.8154 | 0.1031 | 0.1111 |
| 899 | NHLF | H2AZ | 0.5793 | 0.9412 | 0.5469 | 0.9346 | 0.9270 | 0.9336 | 0.5162 | 0.5419 |
| 900 | NHLF | H3K27ac | 0.5758 | 0.8813 | 0.5323 | 0.8643 | 0.8519 | 0.8586 | 0.5027 | 0.5222 |
| 901 | NHLF | H3K27me3 | 0.3313 | 0.8704 | 0.2929 | 0.8551 | 0.8495 | 0.8560 | 0.2692 | 0.2911 |
| 902 | NHLF | H3K36me3 | 0.3274 | 0.9232 | 0.2211 | 0.8875 | 0.8812 | 0.8878 | 0.2065 | 0.2270 |
| 903 | NHLF | H3K4me1 | 0.3393 | 0.8289 | 0.3108 | 0.8097 | 0.7959 | 0.8055 | 0.2844 | 0.3002 |
| 904 | NHLF | H3K4me2 | 0.6433 | 0.9090 | 0.5960 | 0.8903 | 0.8787 | 0.8870 | 0.5693 | 0.5893 |
| 905 | NHLF | H3K4me3 | 0.7916 | 0.9699 | 0.7407 | 0.9572 | 0.9547 | 0.9582 | 0.7267 | 0.7462 |
| 906 | NHLF | H3K79me2 | 0.4068 | 0.8597 | 0.3225 | 0.8026 | 0.8001 | 0.8062 | 0.3086 | 0.3237 |
| 907 | NHLF | H3K9ac | 0.7181 | 0.9580 | 0.6781 | 0.9495 | 0.9468 | 0.9496 | 0.6639 | 0.6822 |
| 908 | NHLF | H3K9me3 | 0.1821 | 0.9311 | 0.1650 | 0.9089 | 0.9048 | 0.9126 | 0.1637 | 0.1930 |
| 909 | NHLF | H4K20me1 | 0.0518 | 0.8481 | 0.0290 | 0.8059 | 0.7934 | 0.8059 | 0.0245 | 0.0278 |

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|-----|-------------|----------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| 910 | Osteoblasts | H2AZ | 0.5943 | 0.9038 | 0.5660 | 0.8968 | 0.8864 | 0.8940 | 0.5396 | 0.5602 |
| 911 | Osteoblasts | H3K27ac | 0.5700 | 0.8417 | 0.5286 | 0.8229 | 0.8075 | 0.8151 | 0.4985 | 0.5139 |
| 912 | Osteoblasts | H3K27me3 | 0.3157 | 0.8121 | 0.2878 | 0.7927 | 0.7830 | 0.7921 | 0.2711 | 0.2852 |
| 913 | Osteoblasts | H3K36me3 | 0.3637 | 0.8453 | 0.2282 | 0.7808 | 0.7706 | 0.7810 | 0.2015 | 0.2222 |
| 914 | Osteoblasts | H3K4me1 | 0.5746 | 0.8313 | 0.5392 | 0.8136 | 0.7932 | 0.8036 | 0.5010 | 0.5200 |
| 915 | Osteoblasts | H3K4me2 | 0.7058 | 0.9004 | 0.6691 | 0.8854 | 0.8690 | 0.8786 | 0.6366 | 0.6561 |
| 916 | Osteoblasts | H3K4me3 | 0.7370 | 0.9354 | 0.6999 | 0.9224 | 0.9139 | 0.9204 | 0.6801 | 0.6973 |
| 917 | Osteoblasts | H3K79me2 | 0.4349 | 0.8439 | 0.3516 | 0.7880 | 0.7837 | 0.7899 | 0.3386 | 0.3520 |
| 918 | Osteoblasts | H3K9me3 | 0.1550 | 0.8527 | 0.1340 | 0.8199 | 0.8073 | 0.8165 | 0.1037 | 0.1299 |
| | | Average | 0.4103 | 0.9481 | 0.3905 | 0.9428 | 0.9326 | 0.9384 | 0.3425 | 0.3709 |