| DBF | $K_d$ multiple | ROC AUC with nuc | ROC AUC without nuc | ROC AUC diff |
|---|---|---|---|---|
| ABF1_YPD | 8 | 0.90458 | 0.95971 | -0.05513 |
| ABF1_YPD | 16 | 0.91456 | 0.96529 | -0.05073 |
| ABF1_YPD | 32 | 0.93565 | 0.95606 | -0.02041 |
| ABF1_YPD | 64 | 0.92685 | 0.95326 | -0.02640 |
| ARO80_SM | 8 | 0.52648 | 0.53582 | -0.00934 |
| ARO80_SM | 16 | 0.51087 | 0.54668 | -0.03581 |
| ARO80_SM | 32 | 0.48164 | 0.47774 | 0.00389 |
| ARO80_SM | 64 | 0.48509 | 0.45887 | 0.02622 |
| ARO80_YPD | 8 | 0.61012 | 0.46838 | 0.14174 |
| ARO80_YPD | 16 | 0.59617 | 0.46825 | 0.12793 |
| ARO80_YPD | 32 | 0.56306 | 0.46493 | 0.09813 |
| ARO80_YPD | 64 | 0.40827 | 0.43528 | -0.02701 |
| BAS1_SM | 8 | 0.69424 | 0.67887 | 0.01537 |
| BAS1_SM | 16 | 0.69883 | 0.67883 | 0.02000 |
| BAS1_SM | 32 | 0.71712 | 0.67898 | 0.03814 |
| BAS1_SM | 64 | 0.73394 | 0.67898 | 0.05496 |
| BAS1_YPD | 8 | 0.75657 | 0.74362 | 0.01295 |
| BAS1_YPD | 16 | 0.69954 | 0.74360 | -0.04406 |
| BAS1_YPD | 32 | 0.71593 | 0.74382 | -0.02789 |
| BAS1_YPD | 64 | 0.76862 | 0.74382 | 0.02480 |
| CBF1_SM | 8 | 0.97775 | 0.91648 | 0.06128 |
| CBF1_SM | 16 | 0.95149 | 0.91219 | 0.03930 |
| CBF1_SM | 32 | 0.92452 | 0.93885 | -0.01434 |
| CBF1_SM | 64 | 0.95593 | 0.94063 | 0.01530 |
| CBF1_YPD | 8 | 0.76147 | 0.76041 | 0.00106 |
| CBF1_YPD | 16 | 0.70686 | 0.79416 | -0.08730 |
| CBF1_YPD | 32 | 0.68842 | 0.74300 | -0.05458 |
| CBF1_YPD | 64 | 0.69044 | 0.70298 | -0.01254 |
| CHA4_SM | 8 | 0.40226 | 0.43297 | -0.03071 |
| CHA4_SM | 16 | 0.43501 | 0.43291 | 0.00210 |
| CHA4_SM | 32 | 0.41838 | 0.43289 | -0.01451 |
| CHA4_SM | 64 | 0.43266 | 0.43289 | -0.00022 |
| CHA4_YPD | 8 | 0.34058 | 0.38558 | -0.04499 |
| CHA4_YPD | 16 | 0.29792 | 0.38549 | -0.08757 |
| CHA4_YPD | 32 | 0.34547 | 0.38551 | -0.04005 |
| CHA4_YPD | 64 | 0.26804 | 0.38538 | -0.11734 |
| CUP9_YPD | 8 | 0.49822 | 0.59134 | -0.09313 |
| CUP9_YPD | 16 | 0.51395 | 0.58863 | -0.07469 |
| CUP9_YPD | 32 | 0.60564 | 0.58820 | 0.01744 |
| CUP9_YPD | 64 | 0.59450 | 0.55328 | 0.04122 |
| ECM22_YPD | 8 | 0.65467 | 0.67974 | -0.02507 |
| ECM22_YPD | 16 | 0.64189 | 0.67971 | -0.03782 |
| ECM22_YPD | 32 | 0.71681 | 0.65252 | 0.06429 |
| ECM22_YPD | 64 | 0.68812 | 0.64174 | 0.04638 |
| FHL1_H2O2Hi | 8 | 0.45317 | 0.45373 | -0.00057 |
| FHL1_H2O2Hi | 16 | 0.41599 | 0.48931 | -0.07332 |

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|---|---|---|---|---|
| FHL1_H2O2Hi | 32 | 0.47002 | 0.43655 | 0.03347 |
| FHL1_H2O2Hi | 64 | 0.47850 | 0.51154 | -0.03304 |
| FHL1_RAPA | 8 | 0.50502 | 0.50585 | -0.00084 |
| FHL1_RAPA | 16 | 0.54285 | 0.45346 | 0.08939 |
| FHL1_RAPA | 32 | 0.47958 | 0.46475 | 0.01483 |
| FHL1_RAPA | 64 | 0.51975 | 0.49183 | 0.02792 |
| FHL1_SM | 8 | 0.46727 | 0.43765 | 0.02962 |
| FHL1_SM | 16 | 0.48566 | 0.41635 | 0.06932 |
| FHL1_SM | 32 | 0.36188 | 0.38276 | -0.02087 |
| FHL1_SM | 64 | 0.42475 | 0.44007 | -0.01532 |
| FHL1_YPD | 8 | 0.60154 | 0.70639 | -0.10485 |
| FHL1_YPD | 16 | 0.66584 | 0.72457 | -0.05873 |
| FHL1_YPD | 32 | 0.64995 | 0.70949 | -0.05954 |
| FHL1_YPD | 64 | 0.63944 | 0.70082 | -0.06138 |
| FKH1_YPD | 8 | 0.72346 | 0.75140 | -0.02794 |
| FKH1_YPD | 16 | 0.68230 | 0.74003 | -0.05773 |
| FKH1_YPD | 32 | 0.76277 | 0.65745 | 0.10532 |
| FKH1_YPD | 64 | 0.73869 | 0.59810 | 0.14059 |
| FKH2_H2O2Hi | 8 | 0.64709 | 0.70383 | -0.05674 |
| FKH2_H2O2Hi | 16 | 0.68873 | 0.59579 | 0.09294 |
| FKH2_H2O2Hi | 32 | 0.64099 | 0.56821 | 0.07278 |
| FKH2_H2O2Hi | 64 | 0.68195 | 0.49356 | 0.18839 |
| FKH2_H2O2Lo | 8 | 0.55176 | 0.66649 | -0.11472 |
| FKH2_H2O2Lo | 16 | 0.52421 | 0.54979 | -0.02557 |
| FKH2_H2O2Lo | 32 | 0.50744 | 0.54796 | -0.04052 |
| FKH2_H2O2Lo | 64 | 0.55361 | 0.50691 | 0.04670 |
| FKH2_YPD | 8 | 0.55539 | 0.64758 | -0.09219 |
| FKH2_YPD | 16 | 0.62669 | 0.58690 | 0.03979 |
| FKH2_YPD | 32 | 0.59519 | 0.56993 | 0.02526 |
| FKH2_YPD | 64 | 0.62585 | 0.58710 | 0.03875 |
| GAL4_GAL | 8 | 0.82965 | 0.66530 | 0.16435 |
| GAL4_GAL | 16 | 0.80540 | 0.64680 | 0.15860 |
| GAL4_GAL | 32 | 0.71007 | 0.65149 | 0.05859 |
| GAL4_GAL | 64 | 0.68007 | 0.58882 | 0.09125 |
| GAL4_RAFF | 8 | 0.76445 | 0.71524 | 0.04921 |
| GAL4_RAFF | 16 | 0.73748 | 0.73626 | 0.00122 |
| GAL4_RAFF | 32 | 0.71428 | 0.77163 | -0.05735 |
| GAL4_RAFF | 64 | 0.75155 | 0.75470 | -0.00315 |
| GAL4_YPD | 8 | 0.75276 | 0.66503 | 0.08773 |
| GAL4_YPD | 16 | 0.72193 | 0.64418 | 0.07774 |
| GAL4_YPD | 32 | 0.70361 | 0.63039 | 0.07321 |
| GAL4_YPD | 64 | 0.66544 | 0.61285 | 0.05260 |
| GAT1_HEAT | 8 | 0.56112 | 0.62342 | -0.06229 |
| GAT1_HEAT | 16 | 0.55648 | 0.60904 | -0.05257 |
| GAT1_HEAT | 32 | 0.54326 | 0.60000 | -0.05674 |
| GAT1_HEAT | 64 | 0.56749 | 0.60084 | -0.03335 |
| GAT1_RAPA | 8 | 0.67807 | 0.65179 | 0.02628 |
| GAT1_RAPA | 16 | 0.68016 | 0.56536 | 0.11480 |

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|---|---|---|---|---|
| GAT1_RAPA | 32 | 0.62183 | 0.55987 | 0.06196 |
| GAT1_RAPA | 64 | 0.63489 | 0.61074 | 0.02415 |
| GAT1_SM | 8 | 0.52767 | 0.57793 | -0.05026 |
| GAT1_SM | 16 | 0.54141 | 0.48854 | 0.05288 |
| GAT1_SM | 32 | 0.53048 | 0.47831 | 0.05217 |
| GAT1_SM | 64 | 0.53167 | 0.47751 | 0.05416 |
| GAT1_YPD | 8 | 0.56432 | 0.61939 | -0.05507 |
| GAT1_YPD | 16 | 0.59660 | 0.61720 | -0.02060 |
| GAT1_YPD | 32 | 0.59166 | 0.64312 | -0.05147 |
| GAT1_YPD | 64 | 0.60627 | 0.65347 | -0.04719 |
| GAT3_YPD | 8 | 0.40573 | 0.49167 | -0.08594 |
| GAT3_YPD | 16 | 0.42598 | 0.48426 | -0.05827 |
| GAT3_YPD | 32 | 0.39019 | 0.48941 | -0.09922 |
| GAT3_YPD | 64 | 0.40755 | 0.49610 | -0.08854 |
| GCN4_RAPA | 8 | 0.88492 | 0.88656 | -0.00163 |
| GCN4_RAPA | 16 | 0.90404 | 0.85608 | 0.04796 |
| GCN4_RAPA | 32 | 0.91231 | 0.81292 | 0.09938 |
| GCN4_RAPA | 64 | 0.88490 | 0.78129 | 0.10362 |
| GCN4_SM | 8 | 0.79848 | 0.82292 | -0.02444 |
| GCN4_SM | 16 | 0.81752 | 0.78528 | 0.03224 |
| GCN4_SM | 32 | 0.83483 | 0.77512 | 0.05971 |
| GCN4_SM | 64 | 0.79978 | 0.77983 | 0.01996 |
| GCN4_YPD | 8 | 0.82720 | 0.87055 | -0.04335 |
| GCN4_YPD | 16 | 0.83209 | 0.80299 | 0.02910 |
| GCN4_YPD | 32 | 0.80759 | 0.75438 | 0.05321 |
| GCN4_YPD | 64 | 0.79110 | 0.67830 | 0.11280 |
| GLN3_RAPA | 8 | 0.66681 | 0.66120 | 0.00561 |
| GLN3_RAPA | 16 | 0.69572 | 0.66119 | 0.03453 |
| GLN3_RAPA | 32 | 0.66578 | 0.62492 | 0.04086 |
| GLN3_RAPA | 64 | 0.70497 | 0.67504 | 0.02994 |
| GLN3_SM | 8 | 0.51157 | 0.48536 | 0.02621 |
| GLN3_SM | 16 | 0.55415 | 0.48570 | 0.06845 |
| GLN3_SM | 32 | 0.49031 | 0.48090 | 0.00940 |
| GLN3_SM | 64 | 0.50088 | 0.48255 | 0.01834 |
| GLN3_YPD | 8 | 0.41933 | 0.41762 | 0.00171 |
| GLN3_YPD | 16 | 0.39169 | 0.41733 | -0.02564 |
| GLN3_YPD | 32 | 0.41096 | 0.45104 | -0.04008 |
| GLN3_YPD | 64 | 0.41104 | 0.47706 | -0.06602 |
| GZF3_H2O2Hi | 8 | 0.56448 | 0.49171 | 0.07278 |
| GZF3_H2O2Hi | 16 | 0.51988 | 0.49479 | 0.02509 |
| GZF3_H2O2Hi | 32 | 0.49502 | 0.49461 | 0.00040 |
| GZF3_H2O2Hi | 64 | 0.50828 | 0.50032 | 0.00796 |
| GZF3_RAPA | 8 | 0.54787 | 0.51131 | 0.03655 |
| GZF3_RAPA | 16 | 0.50505 | 0.50851 | -0.00346 |
| GZF3_RAPA | 32 | 0.56161 | 0.50845 | 0.05315 |
| GZF3_RAPA | 64 | 0.54115 | 0.53220 | 0.00895 |
| GZF3_YPD | 8 | 0.63754 | 0.57012 | 0.06742 |
| GZF3_YPD | 16 | 0.64320 | 0.57781 | 0.06539 |

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|---|---|---|---|---|
| GZF3_YPD | 32 | 0.58196 | 0.57796 | 0.00399 |
| GZF3_YPD | 64 | 0.60086 | 0.58497 | 0.01589 |
| HAL9_YPD | 8 | 0.42704 | 0.40022 | 0.02682 |
| HAL9_YPD | 16 | 0.53436 | 0.44458 | 0.08978 |
| HAL9_YPD | 32 | 0.45207 | 0.38689 | 0.06518 |
| HAL9_YPD | 64 | 0.45543 | 0.41795 | 0.03748 |
| LEU3_SM | 8 | 0.52251 | 0.58007 | -0.05756 |
| LEU3_SM | 16 | 0.51801 | 0.58331 | -0.06529 |
| LEU3_SM | 32 | 0.57445 | 0.54625 | 0.02819 |
| LEU3_SM | 64 | 0.56128 | 0.48942 | 0.07186 |
| LEU3_YPD | 8 | 0.51710 | 0.47370 | 0.04340 |
| LEU3_YPD | 16 | 0.49320 | 0.45811 | 0.03509 |
| LEU3_YPD | 32 | 0.49669 | 0.45153 | 0.04516 |
| LEU3_YPD | 64 | 0.46529 | 0.45015 | 0.01514 |
| MBP1_H2O2Hi | 8 | 0.90008 | 0.88210 | 0.01799 |
| MBP1_H2O2Hi | 16 | 0.88142 | 0.85806 | 0.02336 |
| MBP1_H2O2Hi | 32 | 0.87987 | 0.83515 | 0.04472 |
| MBP1_H2O2Hi | 64 | 0.88067 | 0.83642 | 0.04425 |
| MBP1_H2O2Lo | 8 | 0.83189 | 0.81670 | 0.01519 |
| MBP1_H2O2Lo | 16 | 0.80367 | 0.81088 | -0.00720 |
| MBP1_H2O2Lo | 32 | 0.76441 | 0.83632 | -0.07191 |
| MBP1_H2O2Lo | 64 | 0.81108 | 0.83659 | -0.02551 |
| MBP1_YPD | 8 | 0.85917 | 0.81281 | 0.04635 |
| MBP1_YPD | 16 | 0.81935 | 0.74344 | 0.07591 |
| MBP1_YPD | 32 | 0.80542 | 0.73968 | 0.06574 |
| MBP1_YPD | 64 | 0.80284 | 0.74015 | 0.06269 |
| MCM1_Alpha | 8 | 0.85429 | 0.91899 | -0.06469 |
| MCM1_Alpha | 16 | 0.82789 | 0.89572 | -0.06782 |
| MCM1_Alpha | 32 | 0.84363 | 0.86187 | -0.01824 |
| MCM1_Alpha | 64 | 0.82117 | 0.86373 | -0.04256 |
| MCM1_YPD | 8 | 0.84204 | 0.83329 | 0.00875 |
| MCM1_YPD | 16 | 0.80965 | 0.81097 | -0.00132 |
| MCM1_YPD | 32 | 0.80516 | 0.77925 | 0.02591 |
| MCM1_YPD | 64 | 0.79245 | 0.76440 | 0.02804 |
| MET32_SM | 8 | 0.64342 | 0.64328 | 0.00014 |
| MET32_SM | 16 | 0.67556 | 0.64341 | 0.03215 |
| MET32_SM | 32 | 0.66694 | 0.60824 | 0.05869 |
| MET32_SM | 64 | 0.68218 | 0.59004 | 0.09214 |
| MET32_YPD | 8 | 0.56247 | 0.59043 | -0.02796 |
| MET32_YPD | 16 | 0.56390 | 0.59065 | -0.02675 |
| MET32_YPD | 32 | 0.54517 | 0.57915 | -0.03398 |
| MET32_YPD | 64 | 0.56109 | 0.53071 | 0.03038 |
| MGA1_H2O2Hi | 8 | 0.56155 | 0.51194 | 0.04961 |
| MGA1_H2O2Hi | 16 | 0.56535 | 0.60830 | -0.04294 |
| MGA1_H2O2Hi | 32 | 0.64469 | 0.60902 | 0.03567 |
| MGA1_H2O2Hi | 64 | 0.65509 | 0.66193 | -0.00684 |
| MGA1_YPD | 8 | 0.42903 | 0.40285 | 0.02618 |
| MGA1_YPD | 16 | 0.47360 | 0.40668 | 0.06692 |

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|---|---|---|---|---|
| MGA1_YPD | 32 | 0.48369 | 0.41028 | 0.07340 |
| MGA1_YPD | 64 | 0.41574 | 0.43601 | -0.02027 |
| MIG1_GAL | 8 | 0.56047 | 0.58691 | -0.02644 |
| MIG1_GAL | 16 | 0.56080 | 0.55539 | 0.00541 |
| MIG1_GAL | 32 | 0.57822 | 0.55547 | 0.02275 |
| MIG1_GAL | 64 | 0.58870 | 0.55555 | 0.03315 |
| MIG1_YPD | 8 | 0.50714 | 0.49967 | 0.00747 |
| MIG1_YPD | 16 | 0.53898 | 0.46312 | 0.07586 |
| MIG1_YPD | 32 | 0.57549 | 0.46316 | 0.11233 |
| MIG1_YPD | 64 | 0.57039 | 0.46303 | 0.10736 |
| MIG2_H2O2Hi | 8 | 0.39894 | 0.39449 | 0.00445 |
| MIG2_H2O2Hi | 16 | 0.41072 | 0.39400 | 0.01672 |
| MIG2_H2O2Hi | 32 | 0.40981 | 0.43630 | -0.02649 |
| MIG2_H2O2Hi | 64 | 0.43989 | 0.45401 | -0.01412 |
| MIG2_YPD | 8 | 0.50206 | 0.53349 | -0.03143 |
| MIG2_YPD | 16 | 0.54989 | 0.53281 | 0.01708 |
| MIG2_YPD | 32 | 0.53620 | 0.53272 | 0.00348 |
| MIG2_YPD | 64 | 0.56292 | 0.55081 | 0.01212 |
| MIG3_YPD | 8 | 0.51620 | 0.56251 | -0.04631 |
| MIG3_YPD | 16 | 0.62625 | 0.53631 | 0.08994 |
| MIG3_YPD | 32 | 0.58911 | 0.54866 | 0.04044 |
| MIG3_YPD | 64 | 0.59411 | 0.58308 | 0.01103 |
| NDT80_YPD | 8 | 0.46746 | 0.44573 | 0.02173 |
| NDT80_YPD | 16 | 0.44116 | 0.45104 | -0.00989 |
| NDT80_YPD | 32 | 0.46033 | 0.47568 | -0.01535 |
| NDT80_YPD | 64 | 0.48255 | 0.50460 | -0.02205 |
| NRG1_H2O2Hi | 8 | 0.76131 | 0.79482 | -0.03351 |
| NRG1_H2O2Hi | 16 | 0.79842 | 0.82011 | -0.02169 |
| NRG1_H2O2Hi | 32 | 0.80419 | 0.74870 | 0.05549 |
| NRG1_H2O2Hi | 64 | 0.76533 | 0.73771 | 0.02762 |
| NRG1_H2O2Lo | 8 | 0.59506 | 0.66906 | -0.07400 |
| NRG1_H2O2Lo | 16 | 0.62838 | 0.65443 | -0.02605 |
| NRG1_H2O2Lo | 32 | 0.64786 | 0.58487 | 0.06299 |
| NRG1_H2O2Lo | 64 | 0.65026 | 0.54114 | 0.10912 |
| NRG1_YPD | 8 | 0.62224 | 0.65987 | -0.03763 |
| NRG1_YPD | 16 | 0.62551 | 0.63540 | -0.00989 |
| NRG1_YPD | 32 | 0.63858 | 0.58445 | 0.05413 |
| NRG1_YPD | 64 | 0.66031 | 0.56586 | 0.09444 |
| OAF1_YPD | 8 | 0.50258 | 0.46416 | 0.03842 |
| OAF1_YPD | 16 | 0.52943 | 0.51070 | 0.01873 |
| OAF1_YPD | 32 | 0.47940 | 0.49684 | -0.01744 |
| OAF1_YPD | 64 | 0.55904 | 0.47610 | 0.08294 |
| PDR1_H2O2Lo | 8 | 0.54471 | 0.55503 | -0.01031 |
| PDR1_H2O2Lo | 16 | 0.52591 | 0.57108 | -0.04518 |
| PDR1_H2O2Lo | 32 | 0.54180 | 0.58427 | -0.04247 |
| PDR1_H2O2Lo | 64 | 0.55445 | 0.55902 | -0.00458 |
| PDR1_YPD | 8 | 0.51961 | 0.53343 | -0.01382 |
| PDR1_YPD | 16 | 0.50936 | 0.55033 | -0.04097 |

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|---|---|---|---|---|
| PDR1_YPD | 32 | 0.51065 | 0.55170 | -0.04105 |
| PDR1_YPD | 64 | 0.53866 | 0.46760 | 0.07106 |
| PHD1_BUT14 | 8 | 0.46992 | 0.38795 | 0.08197 |
| PHD1_BUT14 | 16 | 0.46616 | 0.38795 | 0.07820 |
| PHD1_BUT14 | 32 | 0.47060 | 0.38789 | 0.08271 |
| PHD1_BUT14 | 64 | 0.53365 | 0.38773 | 0.14593 |
| PHD1_BUT90 | 8 | 0.54662 | 0.55333 | -0.00671 |
| PHD1_BUT90 | 16 | 0.60584 | 0.55333 | 0.05251 |
| PHD1_BUT90 | 32 | 0.62689 | 0.55324 | 0.07366 |
| PHD1_BUT90 | 64 | 0.62705 | 0.55343 | 0.07362 |
| PHD1_YPD | 8 | 0.60627 | 0.54640 | 0.05987 |
| PHD1_YPD | 16 | 0.62022 | 0.54640 | 0.07382 |
| PHD1_YPD | 32 | 0.61637 | 0.54639 | 0.06998 |
| PHD1_YPD | 64 | 0.65487 | 0.54645 | 0.10842 |
| PHO2_H2O2Hi | 8 | 0.36626 | 0.36308 | 0.00318 |
| PHO2_H2O2Hi | 16 | 0.33385 | 0.40427 | -0.07042 |
| PHO2_H2O2Hi | 32 | 0.31258 | 0.31695 | -0.00437 |
| PHO2_H2O2Hi | 64 | 0.32399 | 0.27351 | 0.05049 |
| PHO2_H2O2Lo | 8 | 0.38370 | 0.39062 | -0.00693 |
| PHO2_H2O2Lo | 16 | 0.45861 | 0.32061 | 0.13800 |
| PHO2_H2O2Lo | 32 | 0.35660 | 0.33377 | 0.02284 |
| PHO2_H2O2Lo | 64 | 0.39671 | 0.37214 | 0.02457 |
| PHO2_Pi- | 8 | 0.34569 | 0.36909 | -0.02340 |
| PHO2_Pi- | 16 | 0.39096 | 0.38491 | 0.00605 |
| PHO2_Pi- | 32 | 0.41689 | 0.40481 | 0.01208 |
| PHO2_Pi- | 64 | 0.35098 | 0.43520 | -0.08422 |
| PHO2_SM | 8 | 0.43450 | 0.37350 | 0.06100 |
| PHO2_SM | 16 | 0.40041 | 0.38565 | 0.01476 |
| PHO2_SM | 32 | 0.46659 | 0.34797 | 0.11862 |
| PHO2_SM | 64 | 0.45757 | 0.37628 | 0.08129 |
| PHO2_YPD | 8 | 0.46624 | 0.41342 | 0.05282 |
| PHO2_YPD | 16 | 0.38454 | 0.40521 | -0.02067 |
| PHO2_YPD | 32 | 0.40019 | 0.44623 | -0.04604 |
| PHO2_YPD | 64 | 0.37226 | 0.50644 | -0.13417 |
| PHO4_Pi- | 8 | 0.63397 | 0.53538 | 0.09859 |
| PHO4_Pi- | 16 | 0.57291 | 0.55419 | 0.01872 |
| PHO4_Pi- | 32 | 0.56919 | 0.52040 | 0.04878 |
| PHO4_Pi- | 64 | 0.56121 | 0.45542 | 0.10579 |
| PHO4_YPD | 8 | 0.56581 | 0.43083 | 0.13498 |
| PHO4_YPD | 16 | 0.51918 | 0.40423 | 0.11494 |
| PHO4_YPD | 32 | 0.41337 | 0.39525 | 0.01812 |
| PHO4_YPD | 64 | 0.40554 | 0.36325 | 0.04229 |
| PUT3_H2O2Lo | 8 | 0.36164 | 0.30889 | 0.05275 |
| PUT3_H2O2Lo | 16 | 0.37119 | 0.26214 | 0.10905 |
| PUT3_H2O2Lo | 32 | 0.35110 | 0.25977 | 0.09133 |
| PUT3_H2O2Lo | 64 | 0.39680 | 0.25897 | 0.13784 |
| PUT3_SM | 8 | 0.50293 | 0.67683 | -0.17390 |
| PUT3_SM | 16 | 0.53508 | 0.65207 | -0.11699 |

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|---|---|---|---|---|
| PUT3_SM | 32 | 0.61390 | 0.62970 | -0.01580 |
| PUT3_SM | 64 | 0.63387 | 0.61860 | 0.01526 |
| PUT3_YPD | 8 | 0.50866 | 0.59876 | -0.09010 |
| PUT3_YPD | 16 | 0.47800 | 0.60769 | -0.12969 |
| PUT3_YPD | 32 | 0.52260 | 0.57920 | -0.05660 |
| PUT3_YPD | 64 | 0.50697 | 0.57500 | -0.06803 |
| RAP1_SM | 8 | 0.90940 | 0.94620 | -0.03680 |
| RAP1_SM | 16 | 0.94212 | 0.94485 | -0.00273 |
| RAP1_SM | 32 | 0.95751 | 0.90257 | 0.05494 |
| RAP1_SM | 64 | 0.94289 | 0.94323 | -0.00034 |
| RAP1_YPD | 8 | 0.89958 | 0.96464 | -0.06506 |
| RAP1_YPD | 16 | 0.94032 | 0.95733 | -0.01700 |
| RAP1_YPD | 32 | 0.96041 | 0.95115 | 0.00927 |
| RAP1_YPD | 64 | 0.96131 | 0.94938 | 0.01193 |
| RDR1_YPD | 8 | 0.47655 | 0.45964 | 0.01692 |
| RDR1_YPD | 16 | 0.48871 | 0.35886 | 0.12985 |
| RDR1_YPD | 32 | 0.45937 | 0.34863 | 0.11074 |
| RDR1_YPD | 64 | 0.40779 | 0.37322 | 0.03456 |
| RDS1_H2O2Hi | 8 | 0.78381 | 0.79284 | -0.00903 |
| RDS1_H2O2Hi | 16 | 0.79665 | 0.77698 | 0.01968 |
| RDS1_H2O2Hi | 32 | 0.77742 | 0.74264 | 0.03478 |
| RDS1_H2O2Hi | 64 | 0.78446 | 0.67752 | 0.10694 |
| RDS1_YPD | 8 | 0.63989 | 0.68439 | -0.04450 |
| RDS1_YPD | 16 | 0.68825 | 0.63229 | 0.05595 |
| RDS1_YPD | 32 | 0.66747 | 0.62469 | 0.04278 |
| RDS1_YPD | 64 | 0.70534 | 0.52905 | 0.17628 |
| RGT1_GAL | 8 | 0.74274 | 0.70514 | 0.03760 |
| RGT1_GAL | 16 | 0.67041 | 0.71396 | -0.04355 |
| RGT1_GAL | 32 | 0.65007 | 0.71980 | -0.06974 |
| RGT1_GAL | 64 | 0.66623 | 0.68992 | -0.02370 |
| RGT1_YPD | 8 | 0.58148 | 0.60317 | -0.02170 |
| RGT1_YPD | 16 | 0.60048 | 0.60358 | -0.00309 |
| RGT1_YPD | 32 | 0.58664 | 0.62444 | -0.03780 |
| RGT1_YPD | 64 | 0.66381 | 0.65338 | 0.01043 |
| RPH1_H2O2Hi | 8 | 0.41509 | 0.41370 | 0.00139 |
| RPH1_H2O2Hi | 16 | 0.38135 | 0.38235 | -0.00100 |
| RPH1_H2O2Hi | 32 | 0.38890 | 0.40269 | -0.01379 |
| RPH1_H2O2Hi | 64 | 0.41459 | 0.40691 | 0.00768 |
| RPH1_H2O2Lo | 8 | 0.50645 | 0.60777 | -0.10132 |
| RPH1_H2O2Lo | 16 | 0.44856 | 0.55164 | -0.10307 |
| RPH1_H2O2Lo | 32 | 0.40767 | 0.56962 | -0.16195 |
| RPH1_H2O2Lo | 64 | 0.44783 | 0.59666 | -0.14883 |
| RPH1_SM | 8 | 0.49858 | 0.53352 | -0.03494 |
| RPH1_SM | 16 | 0.55109 | 0.54296 | 0.00813 |
| RPH1_SM | 32 | 0.51618 | 0.50328 | 0.01290 |
| RPH1_SM | 64 | 0.55053 | 0.51424 | 0.03629 |
| RPH1_YPD | 8 | 0.46481 | 0.46281 | 0.00200 |
| RPH1_YPD | 16 | 0.52139 | 0.49788 | 0.02351 |

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|---|---|---|---|---|
| RPH1_YPD | 32 | 0.49312 | 0.47561 | 0.01751 |
| RPH1_YPD | 64 | 0.49514 | 0.45312 | 0.04201 |
| RPN4_H2O2Hi | 8 | 0.56064 | 0.49941 | 0.06123 |
| RPN4_H2O2Hi | 16 | 0.57613 | 0.49938 | 0.07675 |
| RPN4_H2O2Hi | 32 | 0.56044 | 0.49965 | 0.06080 |
| RPN4_H2O2Hi | 64 | 0.58344 | 0.50177 | 0.08167 |
| RPN4_H2O2Lo | 8 | 0.71598 | 0.76929 | -0.05331 |
| RPN4_H2O2Lo | 16 | 0.72668 | 0.76939 | -0.04272 |
| RPN4_H2O2Lo | 32 | 0.76061 | 0.74094 | 0.01968 |
| RPN4_H2O2Lo | 64 | 0.81978 | 0.76806 | 0.05172 |
| RPN4_YPD | 8 | 0.42453 | 0.38012 | 0.04441 |
| RPN4_YPD | 16 | 0.42293 | 0.37997 | 0.04296 |
| RPN4_YPD | 32 | 0.41550 | 0.37663 | 0.03887 |
| RPN4_YPD | 64 | 0.46107 | 0.37939 | 0.08168 |
| RTG3_H2O2Hi | 8 | 0.61206 | 0.57456 | 0.03750 |
| RTG3_H2O2Hi | 16 | 0.54039 | 0.53358 | 0.00681 |
| RTG3_H2O2Hi | 32 | 0.57022 | 0.56158 | 0.00864 |
| RTG3_H2O2Hi | 64 | 0.55979 | 0.55313 | 0.00666 |
| RTG3_H2O2Lo | 8 | 0.45979 | 0.45724 | 0.00255 |
| RTG3_H2O2Lo | 16 | 0.53495 | 0.49022 | 0.04473 |
| RTG3_H2O2Lo | 32 | 0.48418 | 0.44090 | 0.04328 |
| RTG3_H2O2Lo | 64 | 0.37330 | 0.41305 | -0.03975 |
| RTG3_RAPA | 8 | 0.49463 | 0.49187 | 0.00276 |
| RTG3_RAPA | 16 | 0.46633 | 0.56412 | -0.09780 |
| RTG3_RAPA | 32 | 0.52407 | 0.58234 | -0.05827 |
| RTG3_RAPA | 64 | 0.52650 | 0.56422 | -0.03772 |
| RTG3_SM | 8 | 0.52738 | 0.47774 | 0.04964 |
| RTG3_SM | 16 | 0.51072 | 0.49360 | 0.01712 |
| RTG3_SM | 32 | 0.47081 | 0.48902 | -0.01821 |
| RTG3_SM | 64 | 0.38434 | 0.47017 | -0.08583 |
| RTG3_YPD | 8 | 0.50332 | 0.45780 | 0.04552 |
| RTG3_YPD | 16 | 0.52353 | 0.43787 | 0.08566 |
| RTG3_YPD | 32 | 0.45905 | 0.40445 | 0.05461 |
| RTG3_YPD | 64 | 0.38236 | 0.38925 | -0.00689 |
| SFL1_YPD | 8 | 0.46048 | 0.48758 | -0.02710 |
| SFL1_YPD | 16 | 0.52088 | 0.48921 | 0.03166 |
| SFL1_YPD | 32 | 0.51773 | 0.48046 | 0.03727 |
| SFL1_YPD | 64 | 0.43509 | 0.52255 | -0.08746 |
| SFP1_H2O2Hi | 8 | 0.41725 | 0.51469 | -0.09744 |
| SFP1_H2O2Hi | 16 | 0.45990 | 0.49569 | -0.03579 |
| SFP1_H2O2Hi | 32 | 0.42979 | 0.45910 | -0.02931 |
| SFP1_H2O2Hi | 64 | 0.46401 | 0.43462 | 0.02939 |
| SFP1_H2O2Lo | 8 | 0.31960 | 0.42305 | -0.10345 |
| SFP1_H2O2Lo | 16 | 0.29875 | 0.39179 | -0.09305 |
| SFP1_H2O2Lo | 32 | 0.34811 | 0.42168 | -0.07356 |
| SFP1_H2O2Lo | 64 | 0.37893 | 0.41205 | -0.03312 |
| SFP1_SM | 8 | 0.37128 | 0.41666 | -0.04538 |
| SFP1_SM | 16 | 0.35537 | 0.40514 | -0.04978 |

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|---|---|---|---|---|
| SFP1_SM | 32 | 0.42204 | 0.44840 | -0.02636 |
| SFP1_SM | 64 | 0.46283 | 0.40097 | 0.06186 |
| SFP1_YPD | 8 | 0.50606 | 0.40473 | 0.10133 |
| SFP1_YPD | 16 | 0.43151 | 0.37970 | 0.05182 |
| SFP1_YPD | 32 | 0.49695 | 0.37843 | 0.11852 |
| SFP1_YPD | 64 | 0.34587 | 0.41420 | -0.06833 |
| SIP4_SM | 8 | 0.41477 | 0.29858 | 0.11620 |
| SIP4_SM | 16 | 0.41903 | 0.37868 | 0.04035 |
| SIP4_SM | 32 | 0.37505 | 0.45291 | -0.07786 |
| SIP4_SM | 64 | 0.31652 | 0.45646 | -0.13995 |
| SIP4_YPD | 8 | 0.57118 | 0.52112 | 0.05005 |
| SIP4_YPD | 16 | 0.58085 | 0.51647 | 0.06438 |
| SIP4_YPD | 32 | 0.53504 | 0.58748 | -0.05244 |
| SIP4_YPD | 64 | 0.48610 | 0.61277 | -0.12667 |
| SKN7_H2O2Hi | 8 | 0.45922 | 0.51534 | -0.05612 |
| SKN7_H2O2Hi | 16 | 0.57216 | 0.53995 | 0.03221 |
| SKN7_H2O2Hi | 32 | 0.56583 | 0.49226 | 0.07357 |
| SKN7_H2O2Hi | 64 | 0.56557 | 0.47541 | 0.09016 |
| SKN7_H2O2Lo | 8 | 0.51257 | 0.48851 | 0.02406 |
| SKN7_H2O2Lo | 16 | 0.55431 | 0.50655 | 0.04776 |
| SKN7_H2O2Lo | 32 | 0.51726 | 0.46314 | 0.05412 |
| SKN7_H2O2Lo | 64 | 0.48677 | 0.46042 | 0.02635 |
| SKN7_HEAT | 8 | 0.46873 | 0.54102 | -0.07229 |
| SKN7_HEAT | 16 | 0.50880 | 0.57184 | -0.06304 |
| SKN7_HEAT | 32 | 0.54535 | 0.56113 | -0.01578 |
| SKN7_HEAT | 64 | 0.52748 | 0.52986 | -0.00239 |
| SKN7_YPD | 8 | 0.53984 | 0.53635 | 0.00349 |
| SKN7_YPD | 16 | 0.55720 | 0.53193 | 0.02526 |
| SKN7_YPD | 32 | 0.62851 | 0.53957 | 0.08894 |
| SKN7_YPD | 64 | 0.65242 | 0.50307 | 0.14935 |
| SMP1_YPD | 8 | 0.43799 | 0.48668 | -0.04869 |
| SMP1_YPD | 16 | 0.49477 | 0.44992 | 0.04486 |
| SMP1_YPD | 32 | 0.48245 | 0.49079 | -0.00834 |
| SMP1_YPD | 64 | 0.54912 | 0.52483 | 0.02429 |
| SRD1_YPD | 8 | 0.54332 | 0.51812 | 0.02521 |
| SRD1_YPD | 16 | 0.51334 | 0.54268 | -0.02934 |
| SRD1_YPD | 32 | 0.55181 | 0.56520 | -0.01339 |
| SRD1_YPD | 64 | 0.54257 | 0.52466 | 0.01791 |
| STP2_YPD | 8 | 0.51822 | 0.49311 | 0.02510 |
| STP2_YPD | 16 | 0.54046 | 0.50322 | 0.03724 |
| STP2_YPD | 32 | 0.50676 | 0.50359 | 0.00317 |
| STP2_YPD | 64 | 0.51835 | 0.51515 | 0.00321 |
| STP4_YPD | 8 | 0.67766 | 0.70033 | -0.02267 |
| STP4_YPD | 16 | 0.64756 | 0.70031 | -0.05275 |
| STP4_YPD | 32 | 0.63021 | 0.72695 | -0.09674 |
| STP4_YPD | 64 | 0.60328 | 0.71438 | -0.11111 |
| SUM1_YPD | 8 | 0.64326 | 0.75022 | -0.10696 |
| SUM1_YPD | 16 | 0.68597 | 0.78434 | -0.09836 |

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|---|---|---|---|---|
| SUM1_YPD | 32 | 0.72421 | 0.77373 | -0.04952 |
| SUM1_YPD | 64 | 0.74283 | 0.73837 | 0.00446 |
| SUT2_YPD | 8 | 0.43698 | 0.51517 | -0.07819 |
| SUT2_YPD | 16 | 0.49377 | 0.51765 | -0.02388 |
| SUT2_YPD | 32 | 0.49592 | 0.52033 | -0.02441 |
| SUT2_YPD | 64 | 0.52963 | 0.50073 | 0.02889 |
| TBS1_YPD | 8 | 0.57137 | 0.56131 | 0.01007 |
| TBS1_YPD | 16 | 0.57314 | 0.52108 | 0.05206 |
| TBS1_YPD | 32 | 0.57946 | 0.53048 | 0.04898 |
| TBS1_YPD | 64 | 0.59778 | 0.56548 | 0.03231 |
| TEC1_Alpha | 8 | 0.57795 | 0.72250 | -0.14455 |
| TEC1_Alpha | 16 | 0.56074 | 0.68058 | -0.11984 |
| TEC1_Alpha | 32 | 0.55078 | 0.61457 | -0.06379 |
| TEC1_Alpha | 64 | 0.57347 | 0.57119 | 0.00228 |
| TEC1_BUT14 | 8 | 0.71512 | 0.76083 | -0.04571 |
| TEC1_BUT14 | 16 | 0.73141 | 0.69718 | 0.03422 |
| TEC1_BUT14 | 32 | 0.66538 | 0.68597 | -0.02059 |
| TEC1_BUT14 | 64 | 0.65655 | 0.59023 | 0.06632 |
| TEC1_YPD | 8 | 0.61708 | 0.78335 | -0.16627 |
| TEC1_YPD | 16 | 0.66049 | 0.75277 | -0.09227 |
| TEC1_YPD | 32 | 0.65470 | 0.74577 | -0.09106 |
| TEC1_YPD | 64 | 0.68126 | 0.65439 | 0.02687 |
| TYE7_YPD | 8 | 0.90381 | 0.86496 | 0.03885 |
| TYE7_YPD | 16 | 0.92555 | 0.84920 | 0.07636 |
| TYE7_YPD | 32 | 0.87240 | 0.87707 | -0.00467 |
| TYE7_YPD | 64 | 0.84991 | 0.79349 | 0.05642 |
| UME6_H2O2Hi | 8 | 0.91089 | 0.91950 | -0.00861 |
| UME6_H2O2Hi | 16 | 0.91762 | 0.92126 | -0.00364 |
| UME6_H2O2Hi | 32 | 0.90593 | 0.93284 | -0.02691 |
| UME6_H2O2Hi | 64 | 0.90844 | 0.93036 | -0.02192 |
| UME6_YPD | 8 | 0.95763 | 0.96519 | -0.00756 |
| UME6_YPD | 16 | 0.96632 | 0.96028 | 0.00603 |
| UME6_YPD | 32 | 0.95530 | 0.96907 | -0.01376 |
| UME6_YPD | 64 | 0.95768 | 0.97114 | -0.01346 |
| USV1_YPD | 8 | 0.42809 | 0.42302 | 0.00507 |
| USV1_YPD | 16 | 0.44408 | 0.46560 | -0.02152 |
| USV1_YPD | 32 | 0.50050 | 0.47726 | 0.02324 |
| USV1_YPD | 64 | 0.50003 | 0.46307 | 0.03696 |
| XBP1_H2O2Lo | 8 | 0.56854 | 0.64697 | -0.07842 |
| XBP1_H2O2Lo | 16 | 0.59980 | 0.66703 | -0.06723 |
| XBP1_H2O2Lo | 32 | 0.60369 | 0.68222 | -0.07853 |
| XBP1_H2O2Lo | 64 | 0.62766 | 0.62743 | 0.00023 |
| XBP1_YPD | 8 | 0.29567 | 0.42368 | -0.12801 |
| XBP1_YPD | 16 | 0.26553 | 0.44741 | -0.18188 |
| XBP1_YPD | 32 | 0.32394 | 0.45405 | -0.13011 |
| XBP1_YPD | 64 | 0.36887 | 0.47670 | -0.10783 |
| YAP1_H2O2Hi | 8 | 0.37261 | 0.37054 | 0.00207 |
| YAP1_H2O2Hi | 16 | 0.40882 | 0.39483 | 0.01399 |

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|---|---|---|---|---|
| YAP1_H2O2Hi | 32 | 0.39765 | 0.42399 | -0.02635 |
| YAP1_H2O2Hi | 64 | 0.41742 | 0.43094 | -0.01352 |
| YAP1_H2O2Lo | 8 | 0.68761 | 0.70033 | -0.01272 |
| YAP1_H2O2Lo | 16 | 0.64285 | 0.66740 | -0.02455 |
| YAP1_H2O2Lo | 32 | 0.60852 | 0.62731 | -0.01879 |
| YAP1_H2O2Lo | 64 | 0.59876 | 0.58479 | 0.01397 |
| YAP1_HEAT | 8 | 0.39587 | 0.42072 | -0.02485 |
| YAP1_HEAT | 16 | 0.38353 | 0.40225 | -0.01872 |
| YAP1_HEAT | 32 | 0.42013 | 0.45583 | -0.03570 |
| YAP1_HEAT | 64 | 0.44032 | 0.49242 | -0.05210 |
| YAP1_YPD | 8 | 0.57921 | 0.53697 | 0.04224 |
| YAP1_YPD | 16 | 0.54182 | 0.55478 | -0.01295 |
| YAP1_YPD | 32 | 0.56468 | 0.52051 | 0.04417 |
| YAP1_YPD | 64 | 0.57985 | 0.46937 | 0.11049 |
| YAP6_H2O2Hi | 8 | 0.59400 | 0.60777 | -0.01377 |
| YAP6_H2O2Hi | 16 | 0.53254 | 0.56838 | -0.03584 |
| YAP6_H2O2Hi | 32 | 0.51959 | 0.58001 | -0.06043 |
| YAP6_H2O2Hi | 64 | 0.51682 | 0.57135 | -0.05453 |
| YAP6_H2O2Lo | 8 | 0.56811 | 0.64713 | -0.07902 |
| YAP6_H2O2Lo | 16 | 0.52926 | 0.64033 | -0.11107 |
| YAP6_H2O2Lo | 32 | 0.52497 | 0.62808 | -0.10311 |
| YAP6_H2O2Lo | 64 | 0.63972 | 0.62407 | 0.01565 |
| YAP6_YPD | 8 | 0.58325 | 0.62458 | -0.04133 |
| YAP6_YPD | 16 | 0.56478 | 0.62094 | -0.05616 |
| YAP6_YPD | 32 | 0.54863 | 0.58473 | -0.03610 |
| YAP6_YPD | 64 | 0.56153 | 0.57280 | -0.01127 |
| YDR520C_YPD | 8 | 0.47293 | 0.55810 | -0.08517 |
| YDR520C_YPD | 16 | 0.57848 | 0.54879 | 0.02968 |
| YDR520C_YPD | 32 | 0.60129 | 0.50121 | 0.10008 |
| YDR520C_YPD | 64 | 0.57285 | 0.52630 | 0.04655 |
| YER130C_YPD | 8 | 0.50915 | 0.56839 | -0.05925 |
| YER130C_YPD | 16 | 0.48651 | 0.53897 | -0.05246 |
| YER130C_YPD | 32 | 0.54836 | 0.51935 | 0.02901 |
| YER130C_YPD | 64 | 0.47072 | 0.49293 | -0.02221 |
| YGR067C_YPD | 8 | 0.50795 | 0.52077 | -0.01283 |
| YGR067C_YPD | 16 | 0.57272 | 0.52077 | 0.05195 |
| YGR067C_YPD | 32 | 0.57965 | 0.52075 | 0.05890 |
| YGR067C_YPD | 64 | 0.50547 | 0.52066 | -0.01519 |
| YKL222C_YPD | 8 | 0.53025 | 0.53700 | -0.00674 |
| YKL222C_YPD | 16 | 0.51984 | 0.52851 | -0.00867 |
| YKL222C_YPD | 32 | 0.49234 | 0.42579 | 0.06655 |
| YKL222C_YPD | 64 | 0.51616 | 0.40266 | 0.11351 |
| YML081W_YPD | 8 | 0.45135 | 0.44882 | 0.00253 |
| YML081W_YPD | 16 | 0.50183 | 0.47806 | 0.02377 |
| YML081W_YPD | 32 | 0.51750 | 0.57748 | -0.05998 |
| YML081W_YPD | 64 | 0.42151 | 0.58758 | -0.16607 |
| YNR063W_YPD | 8 | 0.48028 | 0.54195 | -0.06168 |
| YNR063W_YPD | 16 | 0.44563 | 0.55645 | -0.11082 |

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|---|---|---|---|---|
| YNR063W_YPD | 32 | 0.51238 | 0.52400 | -0.01162 |
| YNR063W_YPD | 64 | 0.55456 | 0.52857 | 0.02599 |
| YOX1_YPD | 8 | 0.57920 | 0.58637 | -0.00717 |
| YOX1_YPD | 16 | 0.56164 | 0.58723 | -0.02559 |
| YOX1_YPD | 32 | 0.52865 | 0.61397 | -0.08533 |
| YOX1_YPD | 64 | 0.53104 | 0.61217 | -0.08113 |
| YPR196W_YPD | 8 | 0.44849 | 0.43490 | 0.01359 |
| YPR196W_YPD | 16 | 0.44432 | 0.42777 | 0.01655 |
| YPR196W_YPD | 32 | 0.46987 | 0.39397 | 0.07589 |
| YPR196W_YPD | 64 | 0.49858 | 0.36955 | 0.12904 |
| YRR1_YPD | 8 | 0.43422 | 0.50210 | -0.06789 |
| YRR1_YPD | 16 | 0.46032 | 0.54362 | -0.08330 |
| YRR1_YPD | 32 | 0.49881 | 0.53388 | -0.03508 |
| YRR1_YPD | 64 | 0.50994 | 0.53290 | -0.02295 |

**Supplemental Table S1:** Values associated with Fig. 7 in the manuscript.

| $t$ | $K_d$ multiple | Spearman with TFs | Spearman without TFs | Spearman diff |
|---|---|---|---|---|
| 0.0 | 2 | 0.43925 | 0.39275 | 0.04650 |
| 0.0 | 4 | 0.44611 | 0.39275 | 0.05336 |
| 0.0 | 8 | 0.44113 | 0.39275 | 0.04838 |
| 0.0 | 16 | 0.42031 | 0.39275 | 0.02756 |
| 0.0 | 32 | 0.38343 | 0.39275 | -0.00932 |
| 0.0 | 64 | 0.33801 | 0.39275 | -0.05474 |
| 0.25 | 2 | 0.46911 | 0.41587 | 0.05323 |
| 0.25 | 4 | 0.47953 | 0.41587 | 0.06365 |
| 0.25 | 8 | 0.47930 | 0.41587 | 0.06343 |
| 0.25 | 16 | 0.46417 | 0.41587 | 0.04830 |
| 0.25 | 32 | 0.43373 | 0.41587 | 0.01786 |
| 0.25 | 64 | 0.39461 | 0.41587 | -0.02126 |
| 0.5 | 2 | 0.50040 | 0.43995 | 0.06045 |
| 0.5 | 4 | 0.51446 | 0.43995 | 0.07450 |
| 0.5 | 8 | 0.51877 | 0.43995 | 0.07881 |
| 0.5 | 16 | 0.50872 | 0.43995 | 0.06877 |
| 0.5 | 32 | 0.48298 | 0.43995 | 0.04302 |
| 0.5 | 64 | 0.44811 | 0.43995 | 0.00816 |
| 0.75 | 2 | 0.53971 | 0.47248 | 0.06723 |
| 0.75 | 4 | 0.55638 | 0.47248 | 0.08390 |
| 0.75 | 8 | 0.56354 | 0.47248 | 0.09106 |
| 0.75 | 16 | 0.55699 | 0.47248 | 0.08451 |
| 0.75 | 32 | 0.53536 | 0.47248 | 0.06288 |
| 0.75 | 64 | 0.50452 | 0.47248 | 0.03204 |
| 1.0 | 2 | 0.58584 | 0.50978 | 0.07606 |
| 1.0 | 4 | 0.60500 | 0.50978 | 0.09522 |
| 1.0 | 8 | 0.61461 | 0.50978 | 0.10483 |
| 1.0 | 16 | 0.61076 | 0.50978 | 0.10098 |
| 1.0 | 32 | 0.59250 | 0.50978 | 0.08272 |

| | | | | |
|---|---|---|---|---|
| 1.0 | 64 | 0.56509 | 0.50978 | 0.05531 |

**Supplemental Table S2:** Values associated with Fig. 8 in the manuscript.