



[Tutorial](#)

[Home](#) > [Group Genes by TF](#) > [Result](#)

[Contact Us - Tutorial](#) -



Genes grouped by TF, ordered by the percentage of genes regulated by TF, relative to the total number of genes in the list



Quick search...

[Search](#)

DISCOVERER NEW

Regulatory Associations:

- [Search for TFs](#)
- [Search for Genes](#)
- [Search for Associations](#)

Group genes:

- [Group by TF](#)
- [Group by GO](#)

Pattern Matching:

- [Search by DNA Motif](#)
- [Find TF Binding Site\(s\)](#)
- [Search Motifs on Motifs](#)

Utilities:

- [ORF List ⇔ Gene List](#)
- [IUPAC Code Generation](#)
- [Generate Regulation Matrix](#)

Retrieve:

- [Transcription Factors List](#)
- [Upstream Sequence](#)
- [Flat files](#)

About Yeastract:

- [Contact Us](#)
- [Cite YEASTRACT](#)
- [Acknowledgments](#)
- [Credits](#)

Support & suggestions:

yeastract@kdbio.inesc-id.pt
[id.pt](mailto:yeastract@kdbio.inesc-id.pt)
[id.pt](mailto:yeastract@kdbio.inesc-id.pt)

Documented regulations supported by **direct** or **indirect** or **undefined** evidence.

Transcription Factor	%	ORF/Genes	Transcriptional Regulatory Network
Yap1p	30.9 %	NTG1 BDH1 SLA1 MOH1 YBL109w YRO2 YSA1 FTH1 PYC2 ROT2 RGD1 SUL1 RER1 PDI1 PRD1 PGK1 PER1 ABP1 ADH7 GPM2 IDP1 GET3 YDL144c THI13 COS7 GCV1 REG1 PST2 PST1 SED1 TVP23 YDR089w YDR131c YDR154c MSW1 YDR307w MSN5 RVS167 TSA2 ITR1 YEL020c CEM1 HOR2 MET6 SHC1 AVT6 HSP12 GAT1 GUP1 MMS2 CWC23 MRM2 AMS1 UGA1 CHO2 PMT6 TRX2 YSC84 TRR2 YHR214w-a YIL108w HIS5 UBP7 PAN1 DAL3 LYS1 HYR1 GTT1 YJL045w NCA3 YJL213w HXT9 URA8 CPA2 ECM17 BAT2 THI11 TUL1 YKL069w DYN1 YLL056c YLL058w SHM2 YLR241w HSP60 ECM38 YLR352w GLO1 MRPL39 PLB1 ADH3 ADE17 GCV2 PRC1 LEU4 CPT1 SRV2 YGP1 MRPL19 YNL208w BNI1 AAD14 THI12 ARE2 RRI2 SMF1 MDH2 HXT11 IDH2 PDR5 YOR227w PEP4 COX10 MRPL40 RKM1 GRE1 FUM1 CDC54 ATH1	<input checked="" type="checkbox"/>
Met4p	22.1 %	TFC3 FUN14 GCV3 PIM1 ATG8 YRO2 YSA1 CDC28 PYC2 SUL1 YCL041c PDI1 PRD1 PGK1 CPR4 RDS1 GPM2 YDL206w THI13 COS7 GCV1 PST1 UBC5 SED1 TVP15 YDR154c SUM1 YDR359c ITR1 YAT2 HOR2 MET6 HSP12 GAT1 YFR016c LSB3 HIS2 GUP1 CWC23 AMS1 YGL160w MDS3 COS8 YSC84 UBP7 YIL166c PAN1 LYS1 YIR044c YJL016w YJL045w ARG2 ARG3 SNA3 CPS1 YJL213w YJL217w OPI3 ECM17 BAT2 COS5 SPO75 SHM2 YLR247c	<input checked="" type="checkbox"/>

		ECM38 YLR356w GLO1 NTE1 PLB1 ADH3 ASI1 GCV2 LAT1 CPT1 YGP1 YNL208w AAD14 ARE2 SIL1 YOL107w SMF1 HXT11 YOR022c YOR227w TRE1	
Sok2p	20.0 %	MOH1 ATG8 YRO2 <input type="checkbox"/> ICS2 YBR209w SUL1 GPM2 CDC13 THI13 PST1 SED1 YDR089w TSA2 GNP1 YEL001c YEL007w YEF1 PCM1 AFG3 YAT2 HOR2 YER064c ICL1 YER087w RAD51 SHC1 YER158c HSP12 PYC1 AMS1 LSC2 SHU1 DUR3 COS8 YHR112c YHR140w FLO5 <input checked="" type="checkbox"/> PCI8 HIS5 YIL169c LYS1 GTT1 ARG3 NCA3 CPS1 HXT9 URA8 CPA2 ECM17 BAT2 DAL5 THI11 SOR1 CWP1 PCK1 YLL056c SHM2 MID2 GLO1 PLB1 AAC1 ADH3 YNL040w LEU4 YGP1 KRE1 HXT11 HMS1 GYP1 PDR5 YOR291w YPL017c EEB1 PEP4 ATH1 ATG11 YPR172w	
Rpn4p	17.1 %	NTG1 GCV3 BDH1 <input type="checkbox"/> PIM1 YRO2 STP22 PGK1 YCR061w YDL144c THI13 REG1 PST1 YDR066c AMD2 CCC2 YDR287w DIT2 ACN9 HOR2 RAD51 YER163c YGL010w AMS1 YGL193c MDS3 YGR201c TRX2 OSH7 HIS5 YIL166c YIL169c LYS1 YJL016w <input checked="" type="checkbox"/> ARG3 NCA3 HXT9 RAV1 YJR061w THI11 UFD4 MIA40 COS9 PCK1 YLL056c JLP1 YLR217w DIC1 YLR352w NTE1 COQ5 PLB1 ADH3 ASI1 ADE17 GCV2 IDH1 POR1 THI12 ARE2 SPO21 IDH2 YOR291w YPL113c COX10 MRPL40 RKM1	
Arr1p	15.3 %	HSP12 YFR016c BNA6 <input type="checkbox"/> YGL057c AMS1 YGL193c MDS3 YGR201c CCH1 HIS5 YIL166c LYS1 YJL016w ARG3 SNA3 YJL185c HXT9 RAV1 BAT2 THI11 UFD4 TUL1 YKL069w CWP1 PCK1 YLL056c JLP1 YLR001c ACF2 YLR217w DIC1 <input checked="" type="checkbox"/> YLR356w YML013w SML1 COQ5 PLB1 AAC1 ADH3 ASI1 ADE17 GCV2 IDH1 POR1 THI12 ARE2 SPO21 SMF1 GYP1 YOR291w MNE1 YPL017c EEB1 MGR2 YPL113c	

		COX10 MRPL40 GRE1 ATH1 YOP1	
Aft1p	14.5 %	BDH1 YRO2 FTH1 PCS60 YBR241c YCR061w ATG15 ADH7 GPM2 MRP10 YDR042c TVP23 YDR154c CCC2 DIT2 TSA2 YDR506c YEL001c HSP12 AMS1 YGL160w YGL193c YGR201c LSC2 YSC84 CTM1 FLO5 YIL108w YIL169c GTT1 YJL016w NCA3 YJL185c HXT9 YJR061w YJR085c YUH1 ECM17 THI11 NFT1 SPO75 HSP60 GLO1 AAC1 GCV2 IDH1 YGP1 AAD14 HXT11 IDH2 MRPL23 PDR5 YPL113c PEP4 GRE1 ATH1	<input type="checkbox"/>
Hsf1p	14.0 %	MOH1 ATG8 YRO2 FTH1 YBR241c SUL1 PRD1 PGK1 YCR061w YCR076c UBC5 YDR154c GTB1 YDR506c AFG3 CEM1 AVT6 HSP12 YFL040w OTU1 PYC1 CWC23 UGA1 CHO2 ERV29 YSC84 YJL045w YJL068c NCA3 CPS1 HXT9 YJR107w SOR1 UFD4 CWP1 PCK1 SPO75 YLL056c JLP1 YLL058w HRD3 HSP60 YLR349w YLR356w YGP1 CSE2 SIL1 HMS1 SPR1 YPL113c GRE1 MDL2 ATH1 YOP1	<input type="checkbox"/>
Ste12p	11.9 %	CDC24 APL3 YRO2 LEU2 SED1 SUM1 GNP1 YEL007w YER064c ICL1 RAD51 YER137c YER158c HSP12 PYC1 MSP1 SHY1 YGR153w DUR3 YSC84 YHR212c YHR214w YHR214w-a HIS5 YIL169c GTT1 YIR044c NCA3 RAV1 YNK1 CWP1 STE3 SIR1 JLP1 MID2 DIC1 YLR456w ADH3 POR1 YGP1 YNL208w KRE1 SIL1 HMS1 YOR129c ATG11	<input type="checkbox"/>
Gcn4p	10.9 %	NTG1 DRS2 GCV3 YRO2 PYC2 LEU2 GPM2 IDP1 PTP1 GCV1 RAD55 TVP23 AMD2 GNP1 YAT2 ICL1 HSP12 GAT1 HIS2 BNA6 HIS5 LYS1 ARG2 ARG3 CPA2 ECM17 BAT2 DAL5 CWP1 PCK1 SPO75 PDR8 YLR356w COO5 ASI1 ADE17 GCV2 YMR287c IDH1 LEU4 CPT1 SMF1	<input type="checkbox"/>
		YSA1 ICS2 PER1 IDP1	<input type="checkbox"/>

Leu3p	10.6 %	YDL144c GCV1 YDR042c SED1 YEL007w RMD6 AFG3 YER137c HIS2 YGR021w DUR3 RMD11 OSH7 HIS5 DAL3 LYS1 YJL045w ARG2 CPA2 ECM17 BAT2 CWP1 APE2 STE3 SPO75 SHM2 BNA5 YLR356w GCV2 YNL040w POR1 BNI1 SIL1 YOR129c YOR227w MGR2 ATH1	<input checked="" type="checkbox"/>
Ino4p	10.4 %	ECM15 APN2 ATG8 <input type="checkbox"/> RER1 YDR131c YDR287w ARH1 ITR1 RMD6 MET6 HSP12 AMS1 YGR015c CHO2 CCH1 DUR3 RMD11 OSH7 GTT1 NCA3 SNA3 OPI3 URA8 CPA2 COS9 MEF1 YLR173w YLR352w YMR317w LEU4 CPT1 YGP1 IFM1 YOL107w RRI2 PDR5 GSP2 YPL009c TRE1 YOP1	<input checked="" type="checkbox"/>
Msn2p	10.4 %	BDH1 MBA1 YBR241c <input type="checkbox"/> RGD1 LEU2 GPM2 PST2 YDR042c TVP23 YDR089w TSA2 ITR1 YEL007w HOR2 SHC1 HSP12 GAT1 TRX2 FLO5 GTT1 OPI3 CPA2 TUL1 CWP1 APE2 DYN1 YLL056c ECM38 GLO1 IDH1 YGP1 MDH2 IDH2 YOR227w EEB1 PEP4 GRE1 FUM1 ATH1 SGE1	<input checked="" type="checkbox"/>
Rap1p	9.9 %	PIM1 MOH1 CDC28 <input type="checkbox"/> PGK1 GPM2 MBP1 YDR042c YDR089w TVP15 YDR186c UGO1 YEL001c RMD6 MET6 HSP12 GAT1 HSF1 GUP1 CWC23 MRM2 UGA1 SHY1 CCH1 ERV29 YJL045w ARG3 DPB11 OPI3 ECM17 CWP1 STE3 JLP1 YLR104w ADH3 YSP3 YPL017c EEB1 YPL113c	<input checked="" type="checkbox"/>
Tec1p	9.9 %	CDC24 APL3 YBR209w <input type="checkbox"/> YCR061w PST1 SED1 YDR186c GNP1 YEL001c YEL007w YER064c YER137c YER158c HSP12 PYC1 MSP1 YGR153w DUR3 HIS5 YJL045w CPA2 BAT2 DAL5 CWP1 APE2 SIR1 MID2 ADH3 POR1 YGP1 YNL208w KRE1 ARE2 SIL1 HMS1 YOR129c YPL017c SGE1	<input checked="" type="checkbox"/>
		YRO2 MBA1 YBR241c <input type="checkbox"/> RGD1 LEU2 GPM2 PST2 YDR042c TVP23 YDR089w TSA2 HOR2 HSP12 GAT1 PYC1 TRX2	

Msn4p	9.1 %	YIL169c GTT1 OPI3 CPA2 APE2 DYN1 YLL056c ECM38 GLO1 ASI1 IDH1 YGP1 MDH2 HXT11 YOR227w PEP4 GRE1 FUM1 SGE1	<input checked="" type="checkbox"/>
Swi4p	8.3 %	YAR068w YBL109w <input type="checkbox"/> YRO2 GPM2 SED1 YDR186c TSA2 GNP1 YEL001c YEL007w SHC1 HSP12 PYC1 AMS1 YGR153w COS8 PEX28 YHR214w RRD1 YIL169c YJL185c BAT2 DAL5 CWP1 BNA5 MID2 YMR279c HXT11 PDR5 DGA1 YPL009c ATG11	<input checked="" type="checkbox"/>
Hap4p	8.3 %	ECM15 YRO2 ADH7 <input type="checkbox"/> IDP1 PTP1 THI13 YDR042c PST1 YDR066c NUP42 TSA2 YEL001c ICL1 YER158c HSP12 YGL193c OSH7 GTT1 YJL016w YHC3 YNK1 PCK1 MID2 COO5 IDH1 POR1 THI12 SPO21 IDH2 PDR5 GRE1 MDL2	<input checked="" type="checkbox"/>
Pdr1p	8.3 %	YAR068w YBL005w-b <input type="checkbox"/> YBL109w ICS2 PDI1 YCR061w ADH7 THI13 RAD55 SED1 YDR332w UGO1 YER064c HSP12 PYC1 UGA1 MSP1 DUR3 YHR140w YHR214w YHR214w-a HXT9 BAT2 YNK1 CWP1 YLL056c HRD3 AAC1 YGP1 MDH2 HXT11 PDR5	<input checked="" type="checkbox"/>
Stp2p	7.8 %	MOH1 YRO2 LEU2 <input type="checkbox"/> MGR1 YCR061w RDS1 COS7 REG1 SED1 YDR287w GNP1 YER064c AMS1 PMT6 COS8 YSC84 YHR112c DAL3 YJL045w ARG2 DAL5 THI11 COS5 CWP1 JLP1 YML013w FMP39 YGP1 SPO21 YPL017c	<input checked="" type="checkbox"/>
Mbp1p	7.3 %	YAR068w PIM1 <input type="checkbox"/> YBL109w PGK1 MBP1 CDC13 TVP23 NUP42 RAD51 HSP12 MDS3 YGR153w COS8 PEX28 YJL045w NCA3 CWP1 YLR104w GLO1 YMR279c YGP1 SMF1 PDR5 YOR291w YPL017c COX10 MRPL40 YPR078c	<input checked="" type="checkbox"/>
Crz1p	7.0 %	AVT5 LEU2 ADH7 <input type="checkbox"/> RDS1 COS7 SED1 HOR2 ATG18 CWC23 AMS1 CHO2 YJL016w YJL068c CPS1 OPI3 ECM27 YJR107w COS5 JLP1 PLB1 ADH3 YGP1 YNL208w CSE2 PDR5 PEP4 SGE1	<input checked="" type="checkbox"/>

Stb5p	6.5 %	YAL065c YRO2 YCL041c PDI1 GPM2 SED1 TVP23 TVP15 GTB1 YEF1 YER064c CCH1 YIL169c NCA3 CWP1 CHA4 YLR334c DIC1 AAC1 POR1 MDH2 PDR5 YPL017c YPL113c ATG11	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Yox1p	6.2 %	YAR062w APN2 SLC1 YDR042c SED1 TVP23 YDR131c RMD6 RAD51 SHC1 HSP12 MSP1 COS8 OSH7 TMA108 SNA3 YJL213w YJR061w YJR085c CWP1 PCK1 HMS1 TRE1 CDC54	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Abf1p	6.2 %	CDC24 SLA1 MOH1 YRO2 RER1 YCR001w THI13 DIT2 SHC1 HSP12 AMS1 LAS21 ECM17 YKL069w MIA40 JLP1 PRC1 IDH1 DMA2 KRE1 THI12 RSM19 SMK1 YPR172w	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Nrg1p	6.2 %	BDH1 ICS2 ADH7 YDR042c SED1 YDR107c GNP1 SHC1 YGL010w DAL3 HXT9 SOR1 CWP1 PDR8 AAC1 FMP39 SMF1 HXT11 IDH2 PDR5 GSP2 YOR227w YPL113c ODC1	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Rox1p	6.0 %	YAR068w YBL109w ADH7 GPM2 YDR042c SED1 RSC3 TSA2 HOR2 SHC1 HSP12 MRM2 YIL169c LYS1 YJL045w HXT9 SOR1 CWP1 SML1 IDH1 ARE2 HXT11 HMS1	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Gis1p	6.0 %	MOH1 YRO2 YBR241c RDS1 GPM2 YDR042c DIT2 TSA2 ITR1 MET6 SHC1 HSP12 YGR201c TRX2 YIL166c GTT1 YJL016w YJL045w PCK1 IDH1 YGP1 HXT11 GRE1	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Phd1p	6.0 %	YAR062w ICS2 PUS9 YDR186c GNP1 YEL007w HOR2 MET6 YER158c FLO5 DOT5 YIL169c NCA3 SNA3 YJL217w HXT9 THI11 SOR1 PLB1 MDH2 HMS1 YOR227w YPL017c	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Ecm22p	6.0 %	ECM15 ATG8 YRO2 ICS2 MRP10 REG1 YDR186c TSA2 HOR2 MET6 HSP12 MRM2 OSH7 YIL169c YJL016w DAL5 YNK1 COS9 YGP1 VPS27 HMS1 PDR5 RKM1	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Skn7p	6.0 %	YAR062w YRO2 ICS2 SED1 YDR154c TSA2 MET6 HSP12 GAT1 LSB3 PYC1 YGR015c TRX2 NCA3 BAT2 PCK1 SHM2	<input type="checkbox"/>	<input checked="" type="checkbox"/>

		AAC1 LAT1 MDH2 HMS1 IDH2 YOR227w	
Hcm1p	5.7 %	MGR1 PRD1 THI13 YDR089w MSW1 YDR287w PCM1 AMS1 YGL160w CHO2 COS8 CTM1 BZZ1 YHR140w PEX28 THI11 YKL069w YNL040w BNI1 GYP1 YOR227w ATG11	<input checked="" type="checkbox"/>
Dal81p	5.7 %	YBR209w LEU2 REG1 YDR042c GNP1 YEL007w YER064c GAT1 UGA1 CHO2 DUR3 OSH7 DAL3 ARG3 CPS1 CPA2 BAT2 DAL5 COS9 PDR8 AAC1 MDH2	<input checked="" type="checkbox"/>
Cbf1p	5.7 %	DRS2 PCS60 ABP1 RDS1 SLC1 PST1 MSW1 GNP1 AFG3 MET6 RAD51 YHR112c PAN1 NCA3 SNA3 ECM17 ACP1 YLL056c PDR8 IDH1 LEU4 ABZ1	<input checked="" type="checkbox"/>
Cad1p	5.7 %	NTG1 PIM1 MOH1 YBL109w ICS2 GET3 YDR089w YDR107c YDR154c YER163c LSB3 AMS1 YSC84 PCK1 YLL058w YLR456w ABZ1 YOL107w HXT11 YOR129c PDR5 ATG11	<input checked="" type="checkbox"/>
Rtg3p	5.5 %	ADH7 IDP1 YDR042c SED1 TVP23 YDR131c GNP1 YER158c ARG3 YJL217w CPA2 BAT2 YNK1 SPO75 PDR8 COQ5 IDH1 HMS1 IDH2 PDR5 SGE1	<input checked="" type="checkbox"/>
Yap5p	5.5 %	BDH1 YBL109w SCO1 YCL033c ADH7 BTT1 YDR287w YEL007w ICL1 RAD51 SHC1 GAT1 COS8 RRF1 HRD3 GLO1 AAC1 ADH3 YNL058c IFM1 RKM1	<input checked="" type="checkbox"/>
Hac1p	5.5 %	YAR068w PDI1 MGR1 MRP10 COS7 TSA2 ACN9 YFR042w MSP1 LSC2 ERV29 YIL108w ECM27 YJR107w COS5 CWP1 YLR104w MRPL39 YGP1 RSM19 SIL1	<input checked="" type="checkbox"/>
Pdr3p	5.2 %	YBL005w-b SLA1 MOH1 YCL041c YCR061w COS7 PST1 HSP12 MSP1 YHR140w YHR214w HXT9 YNK1 YLL056c YGP1 LRO1 ARE2 SIL1 HXT11 PDR5	<input checked="" type="checkbox"/>
Tos8p	5.2 %	YAR068w GCV1 YDR186c YEL020c HOR2 WWM1 HSP12 UGA1 COS8 GVP36 YIL169c RAV1 YKL069w CWP1 PCK1 YLR241w SRV2	<input checked="" type="checkbox"/>

Selected TFs count also as targets
Select: [All](#) [None](#)

Output format:

		YOL107w HMS1 YOR227w	
Cst6p	4.9 %	APN2 YRO2 ROT2 PER1 GPM2 SED1 YAT2 HOR2 ICL1 HSP12 MDS3 COS8 PEX28 YHR214w ARG3 YJL213w CPA2 YGP1 YPR172w	<input checked="" type="checkbox"/>
Adr1p	4.9 %	YRO2 SUL1 GPM2 CDC13 UBC5 SED1 TVP23 YEF1 HSP12 LSC2 RRD1 YIL169c DAL3 YJL131c ECM38 DIC1 YLR356w VPS27 YPL113c	<input checked="" type="checkbox"/>
Cat8p	4.9 %	YRO2 PGK1 GPM2 YAT2 ICL1 HSP12 CWC23 YJL045w CWP1 PCK1 MEF1 MSS51 YMR279c YMR287c IDH1 MDH2 YSP3 ODC1 FUM1	<input checked="" type="checkbox"/>
Stp1p	4.7 %	YBL109w YRO2 LEU2 YCR061w RDS1 YDR042c TVP23 GNP1 YER064c AMS1 DAL3 LYS1 YJL045w DAL5 THI11 SPO75 YGP1 MDH2	<input checked="" type="checkbox"/>
Upc2p	4.7 %	MOH1 YRO2 ICS2 YBR241c STP22 PGK1 RSC3 TSA2 HSP12 AMS1 YGR201c COS8 YJL213w YLL058w YMR317w SIL1 HMS1 YPL113c	<input checked="" type="checkbox"/>
Fkh2p	4.4 %	ATG8 SCO1 YRO2 YBR241c SED1 RAD51 GAT1 RMD11 OSH7 YIL169c CPA2 CWP1 HSP60 YNL040w YNL058c IFM1 HOS3	<input checked="" type="checkbox"/>
Ume6p	4.4 %	ATG8 SUL1 PRD1 YCR061w PST1 YDR359c GNP1 GAT1 CHO2 DAL3 YJL045w DPB11 OPI3 HSP60 PRC1 YOR291w YPL017c	<input checked="" type="checkbox"/>
Xbp1p	4.4 %	ADH7 SED1 HOR2 ICL1 MET6 SHC1 HSP12 ARG3 YJL213w HXT9 THI11 SOR1 PCK1 SHM2 IDH1 HXT11 FUM1	<input checked="" type="checkbox"/>
Hms1p	4.4 %	SUL1 GPM2 THI13 YDR042c SHC1 DUR3 FLO5 YJL068c YJL213w YJL217w ECM17 DAL5 YLL056c JLP1 AAD14 THI12 HMS1	<input checked="" type="checkbox"/>
Cin5p	4.2 %	YRO2 ICS2 YBR209w YDR042c SED1 YDR089w NUP42 GNP1 TRX2 HXT9 YJR061w URA8 YLR001c MID2 ADH3 HXT11	<input checked="" type="checkbox"/>
Hap2p	4.2 %	ECM15 ADH7 IDP1 PTP1 YDR042c TSA2 GAT1 YGL193c UGA1	<input checked="" type="checkbox"/>

		OSH7 DAL3 COO5 IDH1 SPO21 IDH2 MDL2	
Rlm1p	4.2 %	ATG8 PGK1 PST1 SED1 ⁺ YEL001c PCM1 HSP12 SOR1 CWP1 NFT1 MID2 YNL058c YGP1 YNL208w SMF1 YSP3	<input checked="" type="checkbox"/>
Yhp1p	4.2 %	MOH1 SUL1 PTP1 ⁺ YDR287w YER087w SHC1 HSP12 BNA6 NCA3 YJL213w CWP1 HMS1 COX10 RKM1 CDC54 ATG11	<input checked="" type="checkbox"/>
Gln3p	4.2 %	ADH7 IDP1 SED1 GNP1 ⁺ YEL007w GAT1 UGA1 DUR3 DAL3 ARG3 CPS1 CPA2 BAT2 DAL5 VPS27 PEP4	<input checked="" type="checkbox"/>
Hap5p	3.9 %	ECM15 YCR076c ADH7 ⁺ IDP1 PTP1 YDR042c SED1 TSA2 YGL193c OSH7 COO5 IDH1 SPO21 IDH2 MDL2	<input checked="" type="checkbox"/>
Rme1p	3.9 %	NTG1 SUL1 ADH7 ⁺ GPM2 DIT2 MRM2 TRX2 FLO5 YIL166c YJL045w DAL5 CWP1 HMS1 PEP4 GRE1	<input checked="" type="checkbox"/>
Mcm1p	3.9 %	SCO1 CDC28 REG1 ⁺ YDR042c SED1 DIT2 YER158c YIL169c ARG3 STE3 COS9 PCK1 COO5 YNL058c YGP1	<input checked="" type="checkbox"/>
Rim101p	3.9 %	YAL065c YAR068w ⁺ REG1 TVP23 YDR089w DIT2 SHC1 YHR214w GTT1 HXT9 YJR061w CWP1 COS9 HXT11 RKM1	<input checked="" type="checkbox"/>
Reb1p	3.6 %	PCS60 PGK1 MRP10 ⁺ REG1 YDR154c PYC1 YGL193c YIL108w YJR085c YUH1 SOR1 GCV2 MRPL23 ATH1	<input checked="" type="checkbox"/>
Zap1p	3.6 %	DRS2 MOH1 ADH7 ⁺ YDL086w PST1 YDR066c MET6 COS8 YJR061w NTE1 ADE17 PRC1 ARE2 PEP4	<input checked="" type="checkbox"/>
Mig1p	3.4 %	ICS2 CDC28 GPM2 ⁺ HSP12 SHY1 CCH1 HXT9 SOR1 YLR241w COO5 YGP1 HXT11 YSP3	<input checked="" type="checkbox"/>
Mga1p	3.4 %	ADH7 SED1 YEL007w ⁺ HOR2 YER158c HSP12 HXT9 THI11 SOR1 CWP1 NFT1 HMS1 PDR5	<input checked="" type="checkbox"/>
Yap6p	3.4 %	YBL109w ADH7 RDS1 ⁺ YDR042c SED1 TVP23 YDR089w YEL007w YER158c YJL217w HXT9 SOR1 HXT11	<input checked="" type="checkbox"/>
Gzf3p	3.4 %	YBL109w ADH7 SED1 ⁺ TVP23 HSP12 GAT1	<input checked="" type="checkbox"/>

Uzi3p	3.4 %	AMS1 YHR214w DAL3 LYS1 ARG3 CWP1 SHM2	<input type="checkbox"/>
Hap3p	3.4 %	ECM15 ADH7 IDP1 <input type="checkbox"/> PTP1 YDR042c TSA2 YGL193c OSH7 COQ5 IDH1 SPO21 IDH2 MDL2	<input checked="" type="checkbox"/>
Sfp1p	3.4 %	YAR062w MBA1 LEU2 <input type="checkbox"/> HSP12 MRM2 YHR140w FLO5 YJL068c YMR278w LEU4 HMS1 GYP1 YPR078c	<input checked="" type="checkbox"/>
Dal80p	3.4 %	YBL109w ADH7 <input type="checkbox"/> YDL206w YDR042c TVP23 GAT1 UGA1 DUR3 DAL3 CPS1 DAL5 IFM1 PEP4	<input checked="" type="checkbox"/>
Pho2p	3.4 %	GCV3 BDH1 MBP1 <input type="checkbox"/> SED1 YDR307w YEL001c YIL166c SHM2 YLR349w ADE17 GCV2 IDH1 MDH2	<input checked="" type="checkbox"/>
Ino2p	3.1 %	ITR1 SHC1 HSP12 <input type="checkbox"/> AMS1 CHO2 DUR3 NCA3 OPT3 URA8 CPT1 YGP1 YNL208w	<input checked="" type="checkbox"/>
Dal82p	3.1 %	YBR209w YCL033c <input type="checkbox"/> YDL086w YDL206w YDR042c GAT1 YGL160w DUR3 YIR024c DAL3 GTT1 ARG81	<input checked="" type="checkbox"/>
Pho4p	3.1 %	AFG3 HOR2 WWM1 <input type="checkbox"/> HSP12 SHU1 YHR112c TMA108 CPS1 YUH1 PDR8 YGP1 YPL017c	<input checked="" type="checkbox"/>
Flo8p	3.1 %	SED1 GNP1 YEL007w <input type="checkbox"/> YER158c YIL169c NCA3 THI11 AAC1 MDH2 HXT11 HMS1 YPL017c	<input checked="" type="checkbox"/>
Rtg1p	3.1 %	ADH7 YDR042c TVP23 <input type="checkbox"/> YER158c PYC1 YJL217w COQ5 IDH1 HMS1 IDH2 PDR5 SGE1	<input checked="" type="checkbox"/>
Gcr1p	3.1 %	YAR068w PGK1 <input type="checkbox"/> YCR061w PYC1 LSC2 YHR214w-a LYS1 PCK1 IDH1 IDH2 FUM1 ATG11	<input checked="" type="checkbox"/>
Rfx1p	2.9 %	YDR186c YAT2 HOR2 <input type="checkbox"/> HSP12 YJL213w YJL217w HXT9 YMR279c ARE2 HXT11 PDR5	<input checked="" type="checkbox"/>
Dot6p	2.9 %	TFC3 YDR089w <input type="checkbox"/> YGR015c SHY1 YGR153w YJR061w ECM17 YOL107w RRI2 SPP1 CDC54	<input checked="" type="checkbox"/>
Mot3p	2.9 %	LEU2 SED1 AVT6 <input type="checkbox"/> HSP12 DUR3 RRD1 YIR044c SOR1 IDH1 CPT1 HMS1	<input checked="" type="checkbox"/>
Tye7p	2.9 %	BDH1 ECM15 PIM1 <input type="checkbox"/> PGK1 ABP1 SLC1 YDR042c YDR131c YEL001c PAN1 ECM17	<input checked="" type="checkbox"/>

Sum1p	2.9 %	ADH7 YDR042c SUM1 DIT2 YFL040w YJR107w STE3 SPO75 BNA5 SPO21 SMK1	<input checked="" type="checkbox"/>
Bas1p	2.9 %	GCV3 BDH1 GCV1 TVP23 CEM1 MET6 SHM2 YLR349w ADE17 GCV2 MDH2	<input checked="" type="checkbox"/>
Aft2p	2.9 %	FTH1 ADH7 CCC2 LSB3 YGL010w YJL068c NFT1 AAC1 YMR279c YOR227w PEP4	<input checked="" type="checkbox"/>
Yap7p	2.6 %	YDR042c TVP23 TRX2 ARG3 URA8 CPA2 APE2 ECM38 ASI1 YOR227w	<input checked="" type="checkbox"/>
Gat1p	2.6 %	YDR042c TVP23 GAT1 UGA1 ARG3 CPS1 CPA2 DAL5 ARG81 PEP4	<input checked="" type="checkbox"/>
Fkh1p	2.3 %	TVP23 YDR107c YKL069w APE2 DYN1 YNL058c IFM1 SIL1 HOS3	<input checked="" type="checkbox"/>
Nrg2p	2.3 %	YDR107c SHC1 YGL010w DAL3 FMP39 IDH2 GSP2 YPL113c ODC1	<input checked="" type="checkbox"/>
Gat4p	2.3 %	GPM2 PST2 DIT2 TSA2 HOR2 SHC1 HSP12 CWP1 HMS1	<input checked="" type="checkbox"/>
Yrr1p	2.3 %	YDR287w YAT2 YHR140w RRD1 DAL3 YIR044c YLL056c PLB1 HOS3	<input checked="" type="checkbox"/>
Sko1p	2.3 %	BDH1 CPR4 SED1 COS8 SOR1 CWP1 YLR356w YLR456w HXT11	<input checked="" type="checkbox"/>
Hap1p	2.1 %	YCR061w CCC2 TSA2 YGL160w YGL193c PCK1 AAC1 ARE2	<input checked="" type="checkbox"/>
Gat3p	2.1 %	YBL109w SUL1 DIT2 HOR2 COS8 GTT1 YAE1 COS5	<input checked="" type="checkbox"/>
Mal33p	2.1 %	ADH7 TVP23 NUP42 RAD51 OTU1 PEX28 YJL068c YMR279c	<input checked="" type="checkbox"/>
Fhl1p	2.1 %	YBR209w GET3 UGO1 YEL007w MRM2 DUR3 YLR338w AAC1	<input checked="" type="checkbox"/>
Ifh1p	2.1 %	UGO1 YER137c MRM2 COS8 COS5 ACF2 LEU4 HOS3	<input checked="" type="checkbox"/>
Ash1p	1.8 %	PST1 SED1 ARG3 PCK1 CDD1 AAC1 PDR5	<input checked="" type="checkbox"/>
Put3p	1.8 %	FTH1 ADH7 CCC2 LSB3 DUR3 OPI3 AAC1	<input checked="" type="checkbox"/>
Ace2p	1.8 %	ICS2 ROT2 PST1 YDR154c YEL007w GAT1 GLO1	<input checked="" type="checkbox"/>
Ixr1p	1.6 %	GCV1 TVP23 YER158c UGA1 LYS1 ADH3	<input checked="" type="checkbox"/>

Met31p	1.6 %	YDR042c RMD6 MET6 ECM17 SPO75 YGP1	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Gal4p	1.6 %	YBL109w POA1 ADH7 RDS1 PUS9 MDH2	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Azf1p	1.6 %	SUL1 YDR042c SED1 HOR2 NCA3 MDH2	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Smp1p	1.6 %	ECM15 APL3 YDR350c CWP1 TRE1 SGE1	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Arg81p	1.3 %	YDR042c TVP23 ARG3 ARG81 AAC1	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Swi5p	1.3 %	ICS2 PST1 GAT1 HRD3 BNI1	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Gcr2p	1.3 %	PGK1 YDR042c GNP1 PYC1 IFM1	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Oaf1p	1.3 %	AVT5 KRE1 YPL017c EEB1 FUM1	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Uga3p	1.3 %	YBL109w ADH7 TVP23 UGA1 COS9	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Rds1p	1.3 %	ADH7 RDS1 TVP23 MDH2 PDR5	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Rph1p	1.3 %	ADH7 TVP23 YDR154c YJL068c YLR338w	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Bye1p	1.3 %	PCS60 YGR203w THI11 ATG2 HXT11	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Sip4p	1.3 %	ICL1 YGR015c PCK1 DMA2 MDH2	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Met32p	1.0 %	SED1 RMD6 MET6 ECM17	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Sps18p	1.0 %	HSP12 AMS1 EEB1 YPR078c	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Ndt80p	1.0 %	PUS9 TVP23 YFL040w SMK1	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Fzf1p	1.0 %	YCL041c PDI1 YDL206w YDR042c	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Swi6p	1.0 %	YEL001c PEX28 YIL169c GTT1	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Mac1p	1.0 %	MRM2 HIS5 YJL217w YPR123c	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Opi1p	1.0 %	ITR1 OPI3 URA8 YLR173w	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Thi2p	1.0 %	ECM15 THI13 ARG3 YLR334c	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Sut1p	0.8 %	SHC1 YIL169c HMS1	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Rqt1p	0.8 %	HOR2 YJL213w BNA5	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Hms2p	0.8 %	YDR287w BAT2 STE3	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Aro80p	0.8 %	ARH1 YHR140w ATH1	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Rsc30p	0.8 %	YER163c HSP12 YUH1	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Cha4p	0.8 %	SUM1 SHU1 ASI1	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Yrm1p	0.8 %	ADH7 YLL056c PLB1	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Spt2p	0.8 %	ADH7 YDR107c HSP12	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Rqm1p	0.8 %	YRO2 PCK1 EEB1	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Mss11p	0.8 %	ATG8 ADH7 CHA4	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Pdc2p	0.8 %	THI13 YDR042c THI11	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Haa1p	0.8 %	YRO2 YGP1 GRE1	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Cup9p	0.8 %	SED1 DAL5 SOR1	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Hal9p	0.8 %	YDR042c TVP23 SGE1	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Rsf2p	0.5 %	UGO1 HOR2	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Msn1p	0.5 %	HSP12 GLO1	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Gts1p	0.5 %	YAL065c ATG11	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Yap3p	0.5 %	UFD4 HRD3	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Rtg2p	0.5 %	IDH1 IDH2	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Ppr1p	0.5 %	TOR2 ATG11	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Arg80p	0.5 %	YDR131c ARG3	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Kar4p	0.5 %	HXT9 YOR129c	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Pip2p	0.5 %	AVT5 EEB1	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Aca1p	0.5 %	YDR332w COS8	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Hot1p	0.5 %	HOR2 HSP12	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Cup2p	0.5 %	YAT2 AMS1	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Spt23p	0.5 %	SLC1 TVP23	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Ime4p	0.5 %	ADH7 TVP23	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Gis2p	0.3 %	SPO21	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Rdr1p	0.3 %	PDR5	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Mdl2p	0.3 %	MDL2	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Rds3p	0.3 %	PDR5	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Rds2p	0.3 %	PDR5	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Miq2p	0.3 %	IFM1	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Mqa2p	0.3 %	SLC1	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Met28p	0.3 %	MET6	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Miq3p	0.3 %	ROT2	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Ime1p	0.3 %	ADH7	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Lys14p	0.3 %	LYS1	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Pdr8p	0.3 %	YLL056c	<input type="checkbox"/>	<input checked="" type="checkbox"/>

[Go Back](#)

[Back to top](#)

W3C XHTML 1.0 W3C CSS 2.0