

ROVER Output:
Sequence Pvalue Cutoff: 0.01
Site Pvalue Cutoff: 0.001

Matrix: ZAP1 Accessions(YJL056C)

Binomial p-value: 2.10596e-06

Matched Sequence: YOL154W 2.06594e-10 x
Element: ACCCTGAAGGT Start: 682 Stop: 672 Pval: 5.10152e-06
Element: ACCCTGAAGGT Start: 687 Stop: 697 Pval: 5.10152e-06
Element: ACCTTCAGGGT Start: 672 Stop: 682 Pval: 1.53046e-05
Element: ACCTTCAGGGT Start: 697 Stop: 687 Pval: 1.53046e-05

Matched Sequence: YLR130C 4.01027e-06 ZRT2
Element: ACCCTAAAGGT Start: 690 Stop: 700 Pval: 5.10152e-06
Element: ACCCTAAAGGT Start: 749 Stop: 739 Pval: 5.10152e-06
Element: TCCCAAAGGT Start: 837 Stop: 827 Pval: 1.53046e-05
Element: ACCCTAACTGT Start: 60 Stop: 70 Pval: 7.65228e-05
Element: ACCTTTAGGGT Start: 700 Stop: 690 Pval: 8.67258e-05
Element: ACCTTTAGGGT Start: 739 Stop: 749 Pval: 9.18274e-05
Element: ACCCTGTTGGT Start: 889 Stop: 899 Pval: 0.000443832

Matched Sequence: YGL255W 6.38665e-05 ZRT1
Element: ACCCAAAGGT Start: 555 Stop: 545 Pval: 5.10152e-06
Element: ACCCTCAAGGT Start: 682 Stop: 692 Pval: 5.10152e-06
Element: ACCTTCAAGGT Start: 807 Stop: 797 Pval: 5.10152e-06
Element: ACCTTGAAGGT Start: 797 Stop: 807 Pval: 1.0203e-05
Element: ACCTTGAGGGT Start: 692 Stop: 682 Pval: 0.000147944
Element: TCCTTCGAGGT Start: 673 Stop: 663 Pval: 0.000520355
Element: ACGGTAACGGT Start: 566 Stop: 556 Pval: 0.000821345
Element: ACCTCGAAGGA Start: 663 Stop: 673 Pval: 0.000846852

Matched Sequence: YGL121C 6.38665e-05 x
Element: ACCGTAAAGGT Start: 793 Stop: 803 Pval: 5.10152e-06
Element: AACCTAAAGCT Start: 618 Stop: 628 Pval: 7.65228e-05
Element: ACCTTTACGGT Start: 803 Stop: 793 Pval: 8.67258e-05
Element: ACCCAAAGGT Start: 910 Stop: 900 Pval: 0.000387716
Element: CCCTTCGAGGT Start: 714 Stop: 724 Pval: 0.000566269
Element: TCCAAAAGGT Start: 412 Stop: 422 Pval: 0.000607081
Element: ACACAAATGT Start: 535 Stop: 525 Pval: 0.000642792
Element: ACCTCGAAGGG Start: 724 Stop: 714 Pval: 0.000846852

Matched Sequence: YGL256W 0.000165803 ADH4
Element: ACCTTCACGGT Start: 732 Stop: 742 Pval: 1.53046e-05
Element: ACCGTGAAGGT Start: 742 Stop: 732 Pval: 1.53046e-05
Element: ACCCTAAAGT Start: 365 Stop: 375 Pval: 9.18274e-05
Element: ACTTGAAAGGT Start: 684 Stop: 694 Pval: 0.000255076
Element: ACTATGAAGGT Start: 109 Stop: 99 Pval: 0.000408122
Element: ACCTTCATAGT Start: 99 Stop: 109 Pval: 0.000566269

Matched Sequence: YBR066C 0.000201234 x
Element: ACCCTCAAGTT Start: 81 Stop: 91 Pval: 1.0203e-05

Matched Sequence: YJL132W 0.000301405 x
Element: ACCCAAAGGGT Start: 847 Stop: 857 Pval: 3.06091e-05
Element: AGTCTAAAGGT Start: 429 Stop: 419 Pval: 4.59137e-05
Element: ACCCTTTGGGT Start: 857 Stop: 847 Pval: 0.000209162
Element: ATCCCAAAGCT Start: 769 Stop: 779 Pval: 0.000387716

Element: AATCTGAAGGT	Start: 229	Stop: 239	Pval: 0.000443832
Matched Sequence: YGL258W	0.0003513	x	
Element: ACCCGCAGGGT	Start: 779	Stop: 769	Pval: 0.000107132
Element: ATCATTAAGGT	Start: 873	Stop: 883	Pval: 0.000147944
Element: ACCTTAATGAT	Start: 883	Stop: 873	Pval: 0.000387716
Element: ACCCTGCGGGT	Start: 769	Stop: 779	Pval: 0.000443832
Element: AACTTCAAAGT	Start: 207	Stop: 197	Pval: 0.000520355
Element: ACCACTCAGGT	Start: 602	Stop: 592	Pval: 0.000846852
Element: ACCGCTGAGGT	Start: 802	Stop: 812	Pval: 0.000846852
Matched Sequence: YJL056C	0.000741352	ZAP1	
Element: ACCCTAAAGGT	Start: 857	Stop: 867	Pval: 5.10152e-06
Element: ACCTTTAGGGT	Start: 867	Stop: 857	Pval: 8.67258e-05
Matched Sequence: YDR284C	0.000873452	DPP1	
Element: ACCTGAAAGGT	Start: 559	Stop: 549	Pval: 1.0203e-05
Element: ACCTTTCAGGT	Start: 549	Stop: 559	Pval: 9.18274e-05
Matched Sequence: YDR055W	0.00106097	x	
Element: TCCCTCAAGGA	Start: 606	Stop: 596	Pval: 0.000122436
Element: CCGCTCAAGGT	Start: 818	Stop: 828	Pval: 0.000122436
Element: ACCACAAAGCT	Start: 632	Stop: 642	Pval: 0.000255076
Element: ACCCCAAGGGA	Start: 115	Stop: 125	Pval: 0.000387716
Element: AACCCCAAGGG	Start: 114	Stop: 124	Pval: 0.000566269
Matched Sequence: YKL175W	0.00117484	x	
Element: ACCCTTAAGGT	Start: 856	Stop: 846	Pval: 5.10152e-06
Element: ACCTTAAGGGT	Start: 846	Stop: 856	Pval: 1.53046e-05
Element: AACCTTAAGGG	Start: 845	Stop: 855	Pval: 0.000214264
Element: ACCCCATTGGT	Start: 283	Stop: 273	Pval: 0.000387716
Matched Sequence: YLL020C	0.00117484	x	
Element: ACCCTCAAGGT	Start: 68	Stop: 78	Pval: 5.10152e-06
Element: ATCTCAAAGGT	Start: 862	Stop: 872	Pval: 0.000112233
Element: ACCTTGAGGGT	Start: 78	Stop: 68	Pval: 0.000147944
Element: AGCTTAAAGTT	Start: 766	Stop: 756	Pval: 0.000387716
Matched Sequence: YOR387C	0.00172637	x	
Element: ACCCGCAGGGT	Start: 780	Stop: 770	Pval: 0.000107132
Element: ATCATTAAGGT	Start: 873	Stop: 883	Pval: 0.000147944
Element: ACCTTAATGAT	Start: 883	Stop: 873	Pval: 0.000387716
Element: ACCCTGCGGGT	Start: 770	Stop: 780	Pval: 0.000443832
Element: ACCACTCAGGT	Start: 603	Stop: 593	Pval: 0.000846852
Element: ACCGCTGAGGT	Start: 802	Stop: 812	Pval: 0.000846852
Matched Sequence: YFL014W	0.00181213	HSP12	
Element: ACCTCAAAGTT	Start: 800	Stop: 790	Pval: 0.000107132
Element: AACCTCAAAGT	Start: 801	Stop: 791	Pval: 0.000122436
Element: ATCTGAAAGGT	Start: 820	Stop: 830	Pval: 0.000255076
Matched Sequence: YMR120C	0.0019795	ADE17	
Element: AACTTAAAGGT	Start: 913	Stop: 903	Pval: 1.0203e-05
Element: ACTCTCAAGTT	Start: 276	Stop: 266	Pval: 0.000122436
Matched Sequence: YEL040W	0.00336444	UTR2	
Element: ATCTTCAAGGT	Start: 832	Stop: 842	Pval: 1.53046e-05

Element: ACCTTGAAGAT	Start: 842	Stop: 832	Pval: 0.000147944
Matched Sequence: YBR285W	0.0038884	x	
Element: ACCCTAAAGAA	Start: 526	Stop: 536	Pval: 4.59137e-05
Matched Sequence: YMR118C	0.00649087	x	
Element: ACCCTTAAGAT	Start: 245	Stop: 255	Pval: 1.0203e-05
Element: AACTCAAGAT	Start: 234	Stop: 244	Pval: 0.00013264
Element: ATCTTAAGGGT	Start: 255	Stop: 245	Pval: 0.000387716
Element: TGCCAAAAGGT	Start: 108	Stop: 98	Pval: 0.000642792
Element: ACCGTAAAGAA	Start: 712	Stop: 702	Pval: 0.000821345
Matched Sequence: YPL159C	0.00649087	x	
Element: GCCATTAAGGT	Start: 733	Stop: 723	Pval: 0.000147944
Element: ACCTTAATGGC	Start: 723	Stop: 733	Pval: 0.000387716
Element: ATCCCAAAGGG	Start: 820	Stop: 830	Pval: 0.000387716
Element: TCCCAAAGGGT	Start: 821	Stop: 831	Pval: 0.000821345
Element: ATTATAAAGGT	Start: 930	Stop: 940	Pval: 0.000821345
Matched Sequence: YDL124W	0.00787981	x	
Element: ACCCTAAAGAA	Start: 961	Stop: 971	Pval: 4.59137e-05
Element: GCCTCAAAGGT	Start: 627	Stop: 617	Pval: 0.000107132
Element: ATCTTAAAGCT	Start: 538	Stop: 548	Pval: 0.000387716
Matched Sequence: YMR175W	0.00787981	SIP18	
Element: ACCCTCAACCT	Start: 89	Stop: 99	Pval: 0.000122436
Element: ATCTTAAAGGG	Start: 778	Stop: 788	Pval: 0.000387716
Element: GCCCAAAGTT	Start: 913	Stop: 923	Pval: 0.000387716
Matched Sequence: YBR117C	0.00787981	TKL2	
Element: ACCCATAAGGT	Start: 167	Stop: 157	Pval: 1.0203e-05
Element: ACCCAAATGT	Start: 487	Stop: 477	Pval: 1.53046e-05
Element: ACCTTATGGGT	Start: 157	Stop: 167	Pval: 0.000387716
Matched Sequence: YPL223C	0.00977652	GRE1	
Element: ACCGTTAAGTT	Start: 144	Stop: 154	Pval: 0.000158147
Element: AACTTAACGGT	Start: 154	Stop: 144	Pval: 0.000387716
Element: ATCTTAAAGGA	Start: 247	Stop: 257	Pval: 0.000387716
Element: GCCCAAACGT	Start: 683	Stop: 673	Pval: 0.000642792