

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

Matrix: PH04 Accessions(YFR034C)

Binomial p-value: 3.06384e-17

Matched Sequence: YML123C 3.96918e-07 PH084
Element: CAGCACGTGGGG Start: 584 Stop: 595 Pval: 0
Element: ACGCACGTTGGT Start: 411 Stop: 422 Pval: 5.61735e-05
Element: TTCCACGTGGAC Start: 562 Stop: 573 Pval: 5.61735e-05
Element: CCCCACGTGCTG Start: 595 Stop: 584 Pval: 5.61735e-05
Element: GTCCACGTGGAA Start: 573 Stop: 562 Pval: 0.00016852
Element: ACGCACGTTTTT Start: 747 Stop: 736 Pval: 0.00016852
Element: TAACACGTCCAC Start: 579 Stop: 568 Pval: 0.000505561
Element: AAAAACGTGCGT Start: 736 Stop: 747 Pval: 0.000730255
Element: ACCAACGTGCGT Start: 422 Stop: 411 Pval: 0.000786429
Element: TGTCACGTGATA Start: 119 Stop: 130 Pval: 0.000842602
Element: TGGCATGTTTTC Start: 388 Stop: 377 Pval: 0.000898775

Matched Sequence: YAR071W 1.72006e-05 PH011
Element: TCACACGTGGGT Start: 715 Stop: 726 Pval: 0
Element: TACCACGTTTTC Start: 582 Stop: 593 Pval: 5.61735e-05
Element: ACCCACGTGTGA Start: 726 Stop: 715 Pval: 5.61735e-05
Element: TTGCAAGTGCGA Start: 216 Stop: 227 Pval: 0.000449388
Element: TTACATGTGCGG Start: 95 Stop: 84 Pval: 0.000505561
Element: AACTCGTGGGG Start: 106 Stop: 117 Pval: 0.000505561
Element: CCCCACGAGTGT Start: 117 Stop: 106 Pval: 0.000505561
Element: TCGCACTTGCAA Start: 227 Stop: 216 Pval: 0.000898775
Element: GAAAACGTGGTA Start: 593 Stop: 582 Pval: 0.000898775

Matched Sequence: YHR215W 1.72006e-05 PH012
Element: TCACACGTGGGT Start: 715 Stop: 726 Pval: 0
Element: TACCACGTTTTC Start: 580 Stop: 591 Pval: 5.61735e-05
Element: ACCCACGTGTGA Start: 726 Stop: 715 Pval: 5.61735e-05
Element: TTGCAAGTGCGA Start: 214 Stop: 225 Pval: 0.000449388
Element: TTACATGTGCGG Start: 93 Stop: 82 Pval: 0.000505561
Element: AACTCGTGGGG Start: 104 Stop: 115 Pval: 0.000505561
Element: CCCCACGAGTGT Start: 115 Stop: 104 Pval: 0.000505561
Element: TCGCACTTGCAA Start: 225 Stop: 214 Pval: 0.000898775
Element: GAAAACGTGGTA Start: 591 Stop: 580 Pval: 0.000898775

Matched Sequence: YHR136C 9.89166e-05 SPL2
Element: ACGCACGTGGGC Start: 851 Stop: 862 Pval: 0
Element: GAGCACGTGGGA Start: 919 Stop: 908 Pval: 0
Element: TTGCACGTTCTT Start: 106 Stop: 95 Pval: 5.61735e-05
Element: GCCCACGTGCGT Start: 862 Stop: 851 Pval: 5.61735e-05
Element: TCCCACGTGCTC Start: 908 Stop: 919 Pval: 5.61735e-05
Element: AGGCACGTGGCT Start: 978 Stop: 967 Pval: 0.00016852
Element: AGCCACGTGCCT Start: 967 Stop: 978 Pval: 0.000505561
Element: GGTCACGTGAGC Start: 648 Stop: 637 Pval: 0.000898775

Matched Sequence: YPL019C 0.000337665 x
Element: AGCCACGTGGGC Start: 664 Stop: 653 Pval: 0
Element: AAGCACGTGCAT Start: 687 Stop: 698 Pval: 5.61735e-05
Element: ATGCACGTGCTT Start: 698 Stop: 687 Pval: 0.00016852
Element: GCCCACGTGGCT Start: 653 Stop: 664 Pval: 0.000224694
Element: TTCCACGTTTCT Start: 731 Stop: 720 Pval: 0.000505561

Element: TGGCACATTTTT	Start: 606	Stop: 617	Pval: 0.000842602
Element: TCGCACATTGAA	Start: 650	Stop: 639	Pval: 0.000842602
Matched Sequence: YBR296C	0.000465029 x		
Element: CAGCACGTGGGA	Start: 675	Stop: 686	Pval: 0
Element: CCCCACGTTGTG	Start: 535	Stop: 546	Pval: 5.61735e-05
Element: TCCCACGTGCTG	Start: 686	Stop: 675	Pval: 5.61735e-05
Element: CACAACGTGGGG	Start: 546	Stop: 535	Pval: 0.000112347
Element: CACTACGTTGTC	Start: 73	Stop: 84	Pval: 0.000617908
Element: AGCCACTTTGGA	Start: 729	Stop: 740	Pval: 0.000674082
Matched Sequence: YJL012C	0.00977477 x		
Element: CCGCACGTGGCT	Start: 873	Stop: 884	Pval: 5.61735e-05
Element: AGCCACGTGCGG	Start: 884	Stop: 873	Pval: 5.61735e-05
Element: ATTCACGTGTGC	Start: 896	Stop: 885	Pval: 0.000505561
Element: GCACACTTTGGG	Start: 276	Stop: 287	Pval: 0.000898775
Element: GCACACGTGAAT	Start: 885	Stop: 896	Pval: 0.000898775