

Table 6. PLA result for AP-1 Complex: APL2;APL4;APM1;APS1;													
Gene Name	PLA Score	Gene Information											
ENT4	0.806	Protein of unknown function, contains an N-terminal epsin-like domain											
EFT2	0.792	translation elongation factor 2 (EF-2)											
ADE16	0.783	5-aminoimidazole-4-carboxamide ribonucleotide (AICAR) transformylase/IMP cyclohydrolase											
YLR047C	0.782												
YAR062W	0.777												
BUD7	0.776	Protein involved in bud-site selection; diploid mutants display an axial-like budding pattern											
RTG1	0.775	transcription factor											
YBR220C	0.773												
SEC61	0.767	membrane component of ER protein translocation apparatus											
SIP5	0.764	Sip5 facilitates the interaction between the Reg1Glc7 phosphatase and the Snf1 kinase.											
YEL045C	0.760												
YAL004W	0.760												
YDR491C	0.758												
WHI3	0.749	RNA binding protein (putative)											
UTH1	0.748	Youth, involved in determining yeast longevity											
SIN4	0.745	RNA polymerase II holoenzyme/mediator subunit											
PGK1	0.741	3-phosphoglycerate kinase											
YFR018C	0.741												
AGP1	0.737	amino acid permease											
HMG1	0.737	3-hydroxy-3-methylglutaryl-coenzyme A (HMG-CoA) reductase isozyme											
YOR114W	-0.833	-											
YMR003W	-0.812	-											
YKR022C	-0.793	Protein required for cell viability											
YVC1	-0.788	vacuolar cation channel											
APL2	-0.785	beta-adaptin/clathrin associated protein complex large subunit											
CCT8	-0.783	chaperonin containing T-complex subunit eight component											
MRPS17	-0.781	Mitochondrial ribosomal protein of the small subunit											
YBR071W	-0.781	-											
FAR8	-0.774	Protein involved in G1 cell cycle arrest in response to pheromone, in a pathway different from the Far1p-dependent pathway; interacts with Far3p, Far7p, Far9p, Far10p, and Far11p											
HCM1	-0.773	forkhead protein											
MGE1	-0.769	GrpE homolog											
CHS5	-0.768	Involved in chitin synthase III activity, also required for homozygosis in the first stages of mating											
MSS2	-0.759	cox2 pre-mRNA splicing factor											
END3	-0.758	EH domain-containing protein involved in endocytosis, actin cytoskeletal organization and cell wall morphogenesis; forms a complex with Sla1p and Pan1p											
YPL267W	-0.756	Protein of unknown function, potential Cdc28p substrate											
SRP54	-0.756	Signal recognition particle subunit (homolog of mammalian SRP54)											
MRPL22	-0.753	Mitochondrial ribosomal protein of the large subunit											
SSO1	-0.753	t-SNARE											
RPN9	-0.750	proteasome regulatory particle subunit											
YBL060W	-0.749	-											
Permutation Test													
Percent	0.1	0.5	1	2.5	5	10	90	95	97.5	99	99.5	99.9	
threshold	-0.510	-0.467	-0.433	-0.391	-0.354	-0.313	0.311	0.351	0.387	0.427	0.459	0.513	