

	(+A30P/+ YPP1)				(-A30P/+ YPP1)			(-A30P/- YPP1)	
Gene	Mean	SD	P value	P value (corrected)	Mean	SD		Mean	SD
akl1	31997.67	2165.08	0.00089772	P ≥ 0.05					
akr1	25385.83	1373.58	0.057738964	P ≥ 0.05					
akr2	29917.33	4938.23	0.541024449	P ≥ 0.05					
ape1	30689.17	24485.58	0.314996801	P ≥ 0.05					
apl5	18810.50	5767.13	0.471985724	P ≥ 0.05					
atg1	31421.00	17770.69	0.097870536	P ≥ 0.05					
atg11	15732.00	6198.65	0.493412219	P ≥ 0.05					
atg14	29478.83	4133.62	0.56103962	P ≥ 0.05					
atg15	25488.00	4005.59	0.643069687	P ≥ 0.05					
atg16	26489.17	2563.33	0.985936643	P ≥ 0.05					
atg19	37697.00	6863.31	0.158693938	P ≥ 0.05					
atg20	27235.50	4118.75	0.546853962	P ≥ 0.05					
atg23	20153.17	4361.15	0.026246185	P ≥ 0.05					
atg7	19777.67	2300.90	0.006811498	P ≥ 0.05					
atg8	29537.50	911.18	0.008163669	P ≥ 0.05					
atg9	29068.17	2827.16	0.757598231	P ≥ 0.05					
bro1(vps31)	45269.83	8873.86	0.002842662	P ≥ 0.05					
ccz1	352960.33	17543.95	3.31629E-07	P < 0.001	45082	7462		32089	1202
chc1	31530.67	2851.23	0.006297961	P ≥ 0.05					
cpr1	29931.67	2373.66	0.614798009	P ≥ 0.05					
did2(vps46)	101702.56	4612.48	1.83141E-18	P < 0.001	28249	1251		28094	2824
end3	247586.89	10570.94	2.25079E-12	P < 0.001	32359	1966		26026	3092
fmp45	28266.00	3690.63	0.936889418	P ≥ 0.05					
fth1	34703.17	4643.33	0.285186045	P ≥ 0.05					
inp51	26098.17	2295.98	0.696177522	P ≥ 0.05					
inp52	25993.33	1499.51	0.405551567	P ≥ 0.05					
jji1	23068.33	1319.56	0.00453237	P ≥ 0.05					
mon1	410979.92	82424.84	3.99612E-09	P < 0.001	41437	3499		27569	4013
mon2	124287.83	46443.79	0.00068162	P ≥ 0.05					
myo3	68904.00	2171.92	1.28006E-07	P < 0.001					
myo5	67558.00	1716.52	1.37366E-07	P < 0.001					
nhx1(Vps44)	17614.83	2846.57	0.004312023	P ≥ 0.05					
pbi2	17587.33	1771.38	0.001416639	P ≥ 0.05					
pep12(vps6)	24336.17	4924.15	0.00138387	P ≥ 0.05					
pep3(vps18)	114383.50	14258.62	0.000344447	P < 0.05	37442	8045		31410	4249
pep4	108517.00	42072.76	0.011255494	P ≥ 0.05					
pep5 (vps11)	192719.58	66836.82	1.39489E-06	P < 0.001	31719	2435		27934	5115
pep8(vps26)	38561.17	1576.50	0.027636279	P ≥ 0.05					
pil1	53432.50	2064.88	1.14887E-06	P < 0.001					
pkh1	25185.00	1695.40	0.054541249	P ≥ 0.05					
pkt2	25793.83	2099.68	0.414798962	P ≥ 0.05					
rcy1	21650.33	4099.64	0.21908408	P ≥ 0.05					
rvs161	129064.22	9819.33	4.63078E-10	P < 0.001	24932	3987		26047	2966
sds24	19482.83	2255.05	0.000170171	P < 0.05					
she4	55115.67	1232.58	1.98546E-06	P < 0.001					
siw14	118030.78	3141.99	2.80669E-12	P < 0.001	30050	1436		22643	2142
sla1	211748.89	5045.16	4.5156E-13	P < 0.001	30253	2228		31320	4822
sla2	282629.56	16050.33	1.82816E-11	P < 0.001	32091	5153		32141	3372
snc1	133057.22	16266.66	2.77989E-07	P < 0.001	29828	2422		29160	6306

snf7(vps32)	10521.83	7113.00	0.240202878	P ≥ 0.05					
snf8(vps22)	99609.67	14108.67	8.90825E-08	P < 0.001	31187	3058	26121	4406	
snx4	28289.33	2599.42	0.19491377	P ≥ 0.05					
ssa2	23659.67	1633.38	0.001231802	P ≥ 0.05					
stp22(vps23)	145530.44	11139.33	6.84732E-09	P < 0.001	30008	1185	27207	3065	
sur7	30103.17	5457.74	0.785284306	P ≥ 0.05					
swf1	112441.33	25864.96	0.000292762	P < 0.05	39163	7841	30396	1914	
trx1	109641.33	9238.26	1.52087E-08	P < 0.001	29179	2447	25894	2025	
vac14	27738.17	1109.55	0.916381399	P ≥ 0.05					
vac8	19957.33	2605.06	0.001361577	P ≥ 0.05					
vam3	72356.67	39860.02	0.005433047	P ≥ 0.05	38022	3311	29916	2107	
vam7(vps43)	29748.50	1805.07	0.605228978	P ≥ 0.05					
vid22	25067.83	1423.18	0.014247563	P ≥ 0.05					
vid24	29766.83	6612.14	0.743826646	P ≥ 0.05					
vid27	26371.50	699.12	0.024586606	P ≥ 0.05					
vid28	24824.17	1092.36	0.004513984	P ≥ 0.05					
vid30	28183.50	2589.81	0.158159786	P ≥ 0.05					
vps1	186185.44	10686.10	6.30826E-11	P < 0.001	28918	2029	23793	3747	
vps10	207963.78	2924.19	1.65485E-13	P < 0.001	28067	2379	25999	2686	
vps13	18638.00	1988.16	0.000260729	P < 0.05					
vps15	24392.83	2417.15	0.11094118	P ≥ 0.05					
vps16	24456.83	3390.02	0.115963125	P ≥ 0.05					
vps17	25172.50	870.05	0.072890208	P ≥ 0.05					
vps19	243738.00	7695.16	2.97869E-07	P < 0.001					
vps2	222786.22	4143.47	8.84539E-16	P < 0.001	28153	6300	26750	3427	
vps20	242608.33	11511.48	1.07573E-10	P < 0.001	24915	2588	30281	3066	
vps21	27588.83	7169.22	0.440144569	P ≥ 0.05					
vps24	107311.78	4556.18	4.32111E-10	P < 0.001	26038	3334	24947	3918	
vps25	233637.33	8233.97	6.25886E-11	P < 0.001	28156	2685	24809	3246	
vps26	25702.83	1648.52	0.087291161	P ≥ 0.05					
vps27	133870.44	2848.70	1.33939E-13	P < 0.001	27835	3590	24019	729	
vps28	230098.22	13539.00	9.25944E-12	P < 0.001	27157	1268	31297	5712	
vps29	46191.33	14585.27	0.005283153	P ≥ 0.05					
vps3	205502.67	4861.75	3.13059E-13	P < 0.001	26125	4341	25081	4470	
vps30	31433.83	2362.19	0.865988397	P ≥ 0.05					
vps33	23026.17	1879.56	0.00272741	P ≥ 0.05					
vps34	25863.50	1720.89	0.47872665	P ≥ 0.05					
vps35	19804.67	3519.97	0.11161789	P ≥ 0.05					
vps36	107736.11	3708.51	5.27118E-12	P < 0.001	28764	926	26414	4267	
vps37	33548.50	2399.67	0.098519984	P ≥ 0.05					
vps38	28556.17	2661.28	0.903049812	P ≥ 0.05					
vps39	41074.83	4962.55	0.001077526	P ≥ 0.05					
vps4	95578.60	15890.53	1.04E-08	P < 0.001	36987	3173	30575	2471	
vps41	9942.67	3542.01	0.046940815	P ≥ 0.05					
vps45	21263.33	1771.37	0.003510904	P ≥ 0.05					
vps5	26637.83	5040.92	0.042313123	P ≥ 0.05					
vps53	25446.50	1887.41	0.256554303	P ≥ 0.05					
vps54	31068.33	2329.87	0.442099227	P ≥ 0.05					
vps60	21914.00	1757.56	0.004092506	P ≥ 0.05					
vps61	27152.83	2913.51	0.393366918	P ≥ 0.05					
vps62	26821.83	3220.59	0.114236927	P ≥ 0.05					
vps63	26801.00	3199.65	0.1495513	P ≥ 0.05					
vps64	27694.67	2718.28	0.887951202	P ≥ 0.05					

vps65	26619.75	2152.72	0.733955351	$P \geq 0.05$				
vps66	29359.33	2774.44	0.879638437	$P \geq 0.05$				
vps68	24709.17	2408.26	0.146022654	$P \geq 0.05$				
vps69	23691.00	4151.32	0.050566316	$P \geq 0.05$				
vps71	26189.25	3061.40	0.586644192	$P \geq 0.05$				
vps72	30822.83	2178.32	0.269582068	$P \geq 0.05$				
vps73	22951.67	1258.56	0.001401954	$P \geq 0.05$				
vps74	33432.50	6549.08	0.561482067	$P \geq 0.05$				
vps75	29403.00	2575.09	0.330641999	$P \geq 0.05$				
vps8	32007.50	5318.26	0.787845611	$P \geq 0.05$				
vta1	122819.89	2451.82	6.33652E-13	$P < 0.001$	31229	1825	26826	2909
vtc1	143641.78	5241.97	4.21534E-11	$P < 0.001$	27854	2295	26065	5163
ypk1	26966.50	2610.23	0.772005325	$P \geq 0.05$				
ypt53	59832.33	1855.67	3.83175E-08	$P < 0.001$				
S288c	25818.00	7005.00			29579	4056	22951	4792