

NO04G04380													
	Actin				ΔCt	Average	ΔΔCt	2 ^{-ΔΔCt}	ΔΔCt	2 ^{-ΔΔCt}	Average	STDEV	T.TEST
WT-1	28.82				22.89								
WT-2	28.75				22.85								
WT-3	28.79	28.78667			22.82	22.85333	-5.93333		-0.00611	1.004245			
WT-4					23.06								
WT-5	29.02												
WT-6	29.03	29.025			23.06	23.06	-5.965		-0.03778	1.026531			
WT-7	28.79				22.79								
WT-8	28.65				22.93								
WT-9	28.79	28.74333			22.79	22.86	-5.88333	-5.92722	0	1	0.043889	0.970037	1.000271 0.028456
S20-1	27.94				23.93								
S20-2	27.82				23.88								
S20-3	27.82	27.94167				24.01	-3.93167		1.995556	0.250771			
S20-4	28.15				24.17								
S20-5													
S20-6	28.13	28.14			24.13	24.13	-4.01		1.917222	0.264764			
S20-7	27.79				23.94								
S20-8	27.85				23.94								
S20-9	27.87	27.83667			23.99	23.95667	-3.88	-3.94056	1.986667	0.2523212	2.047222	0.241949	0.252495 0.011504 4.16E-05
NO18G00330													
	Actin				ΔCt	Average	ΔΔCt	2 ^{-ΔΔCt}	ΔΔCt	2 ^{-ΔΔCt}	Average	STDEV	T.TEST
WT-1	28.82				24.24								
WT-2	28.75				24.15								
WT-3	28.79	28.78667			24.14	23.88667	-4.9		-0.16056	1.117717			
WT-4					24.27								
WT-5	29.02				24.28								
WT-6	29.03	29.025			24.27	24.17667	-4.84833		-0.10889	1.078397			
WT-7	28.79				23.95								
WT-8	28.65				23.85								
WT-9	28.79	28.74333			23.86	24.27333	-4.47	-4.73944	0	1	0.269444	0.829639	1.008585 0.156214
S27-1	27.95				24.43								
S27-2	27.9				24.58								
S27-3	27.91	28.11143			24.68	24.70571	-3.40571		1.33373	0.396741			
S27-4	28.26				24.87								
S27-5	28.28				24.84								
S27-6	28.35	28.29667			24.82	24.82	-3.47667		1.262778	0.416741			
S27-7	28.13				24.72								
S27-8	28.21				24.68								
S27-9	28.22	28.18667			24.64	24.68	-3.50667	-3.46302	1.276429	0.412816182	1.232778	0.425497	0.412993 0.01474 0.01069
NO14G00210													
	Actin				ΔCt	Average	ΔΔCt	2 ^{-ΔΔCt}	ΔΔCt	2 ^{-ΔΔCt}	Average	STDEV	T.TEST
WT-1	28.55				25.22								
WT-2	28.74				25.26								
WT-3	28.7	28.66333				25.24	-3.42333		-0.30222	1.233042			
WT-4	28.39				25.61								

S32-6	28.32	28.32	26.09	26.17333	-2.14667					0.974444	0.508936		
S32-7	28.62		26.15										
S32-8	28.65		26.1										
S32-9	28.66	28.64333	26.31	26.18667	-2.45667	-2.31056	0.810556	0.570162257	0.664444	0.630932	0.572366	0.061143	0.028827

S32-3		28.525		29.29	0.765				1.042778	0.485392				
S32-4	28.22		29.36											
S32-5	28.42		29.38											
S32-6	28.32	28.32	29.55	29.43	1.11				1.387778	0.382153				
S32-7	28.62		29.66											
S32-8	28.65		29.74											
S32-9	28.66	28.64333	29.56	29.65333	1.01	0.961667	1.239444	0.423535721	1.287778	0.409581	0.425709	0.053476	0.007112	

WT-8	28.62		27.69											
WT-9	28.56	28.57333	27.78	27.73667	-0.83667	-0.71778	0	1	-0.11889	1.085898	1.00191	0.076372		
M3-1	28.01		28.13											
M3-2	28.01		28.15											
M3-3	28.31	28.11	28.15	28.14333	0.033333				0.751111	0.594146				
M3-4	28.03		27.96											
M3-5	28.09		27.71											
M3-6	28.08	28.06667	27.71	27.79333	-0.27333				0.444444	0.734867				
M3-7	27.97		27.66											
M3-8	28.21		27.83											
M3-9	28.11	28.09667	27.85	27.78	-0.31667	-0.18556	0.532222	0.691488794	0.401111	0.757275	0.695429	0.088427	0.005497	

WT-5			24.46											
WT-6	28.82	28.805	24.43	24.44333	-4.36167				-0.27389	1.209063				
WT-7	28.71		24.8											
WT-8	28.74													
WT-9	28.69	28.71333	24.85	24.825	-3.88833	-4.08778	0	1	0.199444	0.870886	1.009885	0.176938		
M25-1	30.01		29.35											
M25-2	29.89		29.31											
M25-3	29.81	29.90333	29.33	29.33	-0.57333				3.514444	0.087508				
M25-4	30.21		29.57											
M25-5	30.11		29.57											
M25-6	30.23	30.18333	29.65	29.59667	-0.58667				3.501111	0.08832				
M25-7	30.03		29.64											
M25-8														
M25-9	29.96	29.995	29.62	29.63	-0.365	-0.50833	3.579444	0.083652679	3.722778	0.075741	0.083856	0.00704	0.005926	

WT-2	28.49		24.67											
WT-3	28.52	28.53667	24.85	24.74	-3.79667				0.154444	0.898478				
WT-4	28.78		24.6											
WT-5	28.61		24.94											
WT-6	28.82	28.73667	24.83	24.79	-3.94667				0.004444	0.996924				
WT-7	28.54		24.44											
WT-8	28.62		24.52											
WT-9	28.56	28.57333	24.43	24.46333	-4.11	-3.95111	0	1	-0.15889	1.116427	1.003943	0.109144		
M27-1	32.6		30.33											
M27-2	32.58		30.27											
M27-3	32.62	32.61429	30.29	30.34286	-2.27143				1.679683	0.312151				
M27-4	32.64		30.43											
M27-5	32.61		30.41											
M27-6	32.63	32.62667	30.38	30.395	-2.23167				1.719444	0.303666				
M27-7	32.62		30.29											
M27-8	32.59		30.19											
M27-9	32.64	32.61667	30.26	30.24667	-2.37	-2.29103	1.660079	0.316421741	1.581111	0.334224	0.31668	0.015775	0.003668	

	Actin		NO08G01560		ΔCt	Average	$\Delta\Delta Ct$	$2^{-\Delta\Delta Ct}$	$\Delta\Delta Ct$	$2^{-\Delta\Delta Ct}$	Average	STDEV	T.TEST
WT-1			26.04										
WT-2	28.84		26.09										
WT-3	28.78	28.81	26.15	26.09333	-2.71667				0.036667	0.974905			
WT-4	28.78		25.95										
WT-5	28.83		25.95										
WT-6	28.82	28.81	26.13	26.01	-2.8				-0.04667	1.032876			
WT-7	28.64		25.88										
WT-8	28.68		25.93										
WT-9	28.67	28.66333	25.95	25.92	-2.74333	-2.75333	0	1	0.01	0.993092	1.000291	0.029648	
M32-1	27.9		25.46										
M32-2	27.84		25.49										
M32-3	27.81	27.85	25.52	25.49	-2.36				0.393333	0.761368			
M32-4	27.92		25.36										
M32-5	27.96		25.44										
M32-6	28.01	27.96333	25.29	25.36333	-2.6				0.153333	0.899171			
M32-7	27.95		25.21										
M32-8	27.9		25.29										
M32-9	28.04	27.96333	25.22	25.24	-2.72333	-2.56111	0.192222	0.875256501	0.03	0.97942	0.879986	0.110285	0.096727

	Actin		NO07G00170		ΔCt	Average	$\Delta\Delta Ct$	$2^{-\Delta\Delta Ct}$	$\Delta\Delta Ct$	$2^{-\Delta\Delta Ct}$	Average	STDEV	T.TEST
WT-1			26.95										
WT-2	28.84		26.93										
WT-3	28.78	28.81	26.92	26.93333	-1.87667				-0.10833	1.077982			
WT-4	28.78		27.24										
WT-5	28.83												
WT-6	28.82	28.81	27.25	27.245	-1.565				0.203333	0.868541			
WT-7	28.64		26.75										
WT-8	28.68		26.86										
WT-9	28.67	28.66333	26.79	26.8	-1.86333	-1.76833	0	1	-0.095	1.068065	1.004863	0.118162	
M32-1	27.9		26.97										
M32-2	27.84		26.97										
M32-3	27.81	27.85	26.83	26.92333	-0.92667				0.841667	0.557999			
M32-4	27.92		26.71										
M32-5	27.96		26.78										
M32-6	28.01	27.96333	26.81	26.76667	-1.19667				0.571667	0.672839			
M32-7	27.95		26.61										
M32-8	27.9		26.61										
M32-9	28.04	27.96333	26.68	26.63333	-1.33	-1.15111	0.617222	0.651924942	0.438333	0.737987	0.656275	0.09113	0.008792

	Actin		NO09G03360		ΔCt	Average	ΔΔCt	2 ^{-ΔΔCt}	ΔΔCt	2 ^{-ΔΔCt}	Average	STDEV	T.TEST
WT-1					27.86								
WT-2	28.84				27.94								
WT-3	28.78	28.81			27.85	27.88333	-0.92667		0.05	0.965936			
WT-4	28.78				27.63								
WT-5	28.83				27.58								
WT-6	28.82	28.81			27.59	27.6	-1.21		-0.23333	1.175548			
WT-7	28.64				27.88								
WT-8	28.68				27.88								
WT-9	28.67	28.66333			27.85	27.87	-0.79333	-0.97667	0	1	0.183333	0.880666	1.007383 0.151747
M32-1	27.9				27.49								
M32-2	27.84				27.52								
M32-3	27.81	27.85			27.53	27.51333	-0.33667		0.64	0.641713			
M32-4	27.92				27.41								
M32-5	27.96				27.37								
M32-6	28.01	27.96333			27.33	27.37	-0.59333		0.383333	0.766664			
M32-7	27.95				27.32								
M32-8	27.9				27.29								
M32-9	28.04	27.96333			27.305	-0.65833	-0.52944	0.447222	0.733453688	0.318333	0.801996	0.736791 0.084214 0.035275	

	Actin	NO27G00920			ΔCt	Average	$\Delta\Delta Ct$	$2^{-\Delta\Delta Ct}$	$\Delta\Delta Ct$	$2^{-\Delta\Delta Ct}$	Average	STDEV	T.TEST
WT-1	28.52				26.01								
WT-2	28.54				26.01								
WT-3	28.67	28.57667			26.07	26.03	-2.54667		-0.06889	1.048909			
WT-4	28.93				26.2								
WT-5	28.99				26.3								
WT-6		28.96			26.49	26.33	-2.63		-0.15222	1.11128			
WT-7	28.56				26.45								
WT-8	28.54				26.32								
WT-9	28.63	28.57667			26.19	26.32	-2.25667	-2.47778	0	1	0.221111	0.857904	1.006031 0.132018
M32-1	27.98				27.01								
M32-2	27.92												
M32-3	27.91	27.93667			27.13	27.07	-0.86667		1.611111	0.327346			
M32-4	27.55				26.98								
M32-5	27.47				26.89								
M32-6	27.61	27.54333			26.91	26.92667	-0.61667		1.861111	0.275264			
M32-7	27.49				26.83								
M32-8	27.57				26.67								
M32-9	27.65	27.57			26.75	-0.82	-0.76778	1.71	0.305660069	1.657778	0.316927	0.306512	0.027559 0.004656

	Actin	NO27G00910			ΔCt	Average	$\Delta\Delta Ct$	$2^{-\Delta\Delta Ct}$	$\Delta\Delta Ct$	$2^{-\Delta\Delta Ct}$	Average	STDEV	T.TEST
WT-1	28.52				24.09								
WT-2	28.54				24.17								
WT-3	28.67	28.57667			24.05	24.10333	-4.47333		0.249444	0.84122			
WT-4	28.93				24.03								
WT-5	28.99				24.01								
WT-6		28.96			24.01	24.01667	-4.94333		-0.22056	1.165182			
WT-7	28.56				23.82								
WT-8	28.54												
WT-9	28.63	28.57667			23.83	23.825	-4.75167	-4.72278	0	1	-0.02889	1.020226	1.008876 0.162279
M32-1	27.98				23.28								
M32-2	27.92												
M32-3	27.91	27.93667			23.26	23.27	-4.66667		0.056111	0.961853			
M32-4	27.88				23.34								
M32-5	27.78				23.38								
M32-6	27.67	27.77667			23.41	23.37667	-4.4		0.322778	0.799529			
M32-7	27.49				23.43								

L3-5	27.46		26.52											
L3-6	27.58	27.675	26.61	26.57333	-1.10167				1.226667	0.427304				
L3-7	27.74		26.87											
L3-8	27.81		26.89											
L3-9	27.82	27.79		26.88	-0.91	-0.98056	1.347778	0.392896773	1.418333	0.374144	0.393605	0.0293	7.74E-06	

S220-2	28.15		25.42											
S220-3	28.25	28.25833	25.65	25.71667	-2.54167				2.653889	0.158891				
S220-4			25.83											
S220-5	28.47		25.88											
S220-6	28.35	28.2	25.77	25.82667	-2.37333				2.822222	0.141393				
S220-7	28.07		25.82											
S220-8	28.04		25.69											
S220-9	28.07	28.06	25.64	25.53	-2.53	-2.48167	2.713889	0.152418625	2.665556	0.157611	0.152632	0.009754	5.28E-06	

	Actin		NO05G02030		ΔCt	Average	$\Delta\Delta Ct$	$2^{-\Delta\Delta Ct}$	$\Delta\Delta Ct$	$2^{-\Delta\Delta Ct}$	Average	STDEV	T.TEST	
WT-1	28.6		21.65											
WT-2	28.6		21.63											
WT-3	28.73	28.64333	21.79	21.69	-6.95333				0.093889	0.936994				
WT-4	29.02		21.98											
WT-5	29.03													
WT-6	29.05	29.03333	21.97	21.975	-7.05833				-0.01111	1.007731				
WT-7	28.84		21.65											
WT-8	28.68		21.53											
WT-9	28.61	28.71	21.56	21.58	-7.13	-7.04722	0	1	-0.08278	1.059055	1.00126	0.061288		
M100-1	27.99		23.16											
M100-2			23.04											
M100-3	27.96	27.86333	23.22	23.105	-4.75833				2.288889	0.204633				
M100-4	27.81													
M100-5	27.78		23.06											
M100-6	27.77	27.78667	23.13	23.13	-4.65667				2.390556	0.190709				
M100-7	27.87		23.02											
M100-8	27.93		23.24											
M100-9	27.88	27.89333	23.01	23.09	-4.80333	-4.73944	2.307778	0.201971302	2.243889	0.211116	0.202153	0.010427	0.000759	

	Actin		NO05G02050		ΔCt	Average	$\Delta\Delta Ct$	$2^{-\Delta\Delta Ct}$	$\Delta\Delta Ct$	$2^{-\Delta\Delta Ct}$	Average	STDEV	T.TEST	
WT-1	28.6		21.67											
WT-2	28.6		21.65											
WT-3	28.73	28.64333	21.73	21.68333	-6.96				0.087222	0.941333				
WT-4	29.02		21.95											
WT-5	29.03		21.88											
WT-6	29.05	29.03333	22.02	21.95	-7.08333				-0.03611	1.025346				
WT-7	28.84		21.84											
WT-8	28.68		21.65											
WT-9	28.61	28.71	21.67	21.72	-6.99	-7.01111	0.036111	0.975280346	0.057222	0.961113	0.975931	0.043923		
M100-1	27.99		23.23											
M100-2			23.2											
M100-3	27.96	27.86333	23.18	23.16286	-4.70048				2.346746	0.196589				
M100-4	27.81		23.11											
M100-5	27.78		23.07											
M100-6	27.77	27.78667	23.08	23.08	-4.70667				2.340556	0.197434				
M100-7	27.87		23.27											
M100-8	27.93													
M100-9	27.88	27.89333	23.19	23.19	-4.70333	-4.70349	2.34373	0.197000315	2.343889	0.196979	0.197001	0.000423	0.000529	

n=3 biological replicates; 3 technical replicates

Missing values are from replicates that RNA degradation detected by agarose gel electrophoresis.

The comparisons between the averages of the two groups are evaluated using the one-tailed Student's t test. P values of < 0.05 are considered statistically significant.