

Genbank Acc	Symbol	Description	GFP-LC3 ratio	Norm ratio	P-value	Direction of change	Confirmation of Individual Duplexes
NM_004073	PLK3	Polo-like kinase 3	0.027	0.285	0.044	Decrease	Fail
NM_002758	MAP2K6	Mitogen-activated protein kinase kinase 6, transcript variant 1	0.038	0.410	0.046	Decrease	Pass
NM_014586	HUNK	Hormonally upregulated Neu-associated kinase	0.040	0.433	0.056	Decrease	Pass
NM_002734	PRKAR1A	cAMP-dependent protein kinase regulatory subunit , type I alpha, transcript variant 1	0.041	0.439	0.063	Decrease	
NM_005627	SGK	Serum/glucocorticoid regulated kinase	0.044	0.468	0.049	Decrease	Pass
NM_003565	ULK1	Unc-51-like kinase 1, human Atg1 homolog	0.044	0.469	0.050	Decrease	Pass
NM_004763	ICAP-1A	Integrin beta 1 binding protein 1, transcript variant 1	0.044	0.476	0.065	Decrease	
NM_004842	AKAP7	A kinase anchor protein 7, transcript variant alpha	0.048	0.517	0.058	Decrease	
NM_032471	PKIB	cAMP-dependent protein kinase inhibitor beta, transcript variant 3	0.049	0.525	0.062	Decrease	
NM_031414	STK31	Serine/threonine kinase 31, transcript variant 1	0.054	0.573	0.057	Decrease	
NM_000298	PKLR	Pyruvate kinase, liver and RBC isoform 1, transcript variant 1	0.055	0.584	0.051	Decrease	
NM_005858	AKAP8	A kinase anchor protein 8	0.057	0.608	0.079	Decrease	
XM_290923	KIAA1639	Predicted: KIAA1639 protein	0.057	0.610	0.071	Decrease	
NM_004606	TAF1	TATA box binding protein-associated factor 1, transcript variant 1	0.058	0.624	0.074	Decrease	
NM_003551	NME5	Protein expressed in non-metastatic cells 5 (nucleoside-diphosphate kinase)	0.058	0.625	0.057	Decrease	
NM_000162	GCK	Glucokinase, transcript variant 1	0.060	0.642	0.077	Decrease	
NM_003137	SRPK1	SFRS protein kinase 1	0.061	0.648	0.067	Decrease	
NM_018650	MARK1	MAP/microtubule affinity-regulating kinase 1	0.061	0.658	0.079	Decrease	
NM_173598	KSR2	Kinase suppressor of ras 2	0.062	0.662	0.062	Decrease	
NM_000222	KIT	v-kit Hardy-Zuckerman 4 feline sarcoma viral oncogene homolog	0.063	0.669	0.061	Decrease	
NM_016586	MBIP	MAP3K12 binding inhibitory protein 1	0.063	0.677	0.074	Decrease	
NM_001396	DYRK1A	Dual-specificity tyrosine-phosphorylation regulated kinase 1A, transcript variant 1	0.065	0.700	0.079	Decrease	
NM_007181	MAP4K1	Mitogen-activated protein kinase kinase kinase kinase 1	0.068	0.724	0.076	Decrease	
NM_052853	ADCK2	aarF domain containing kinase 2	0.068	0.725	0.074	Decrease	
NM_004302	ACVR1B	Activin A receptor, type IB, transcript variant 1	0.118	1.268	0.077	Increase	
NM_001626	AKT2	v-akt murine thymoma viral oncogene homolog 2	0.121	1.298	0.073	Increase	
NM_001106	ACVR2B	Activin A receptor, type IIB	0.128	1.372	0.073	Increase	
NM_002637	PHKA1	Phosphorylase kinase, alpha 1	0.129	1.384	0.055	Increase	
NM_001798	CDK2	Cyclin-dependent kinase 2, transcript variant 1	0.132	1.413	0.060	Increase	Fail
NM_005406	ROCK1	Rho-associated, coiled-coil containing protein kinase 1	0.137	1.469	0.044	Increase	Pass
NM_001619	ADRBK1	Adrenergic, beta, receptor kinase 1	0.139	1.490	0.057	Increase	Fail
NM_052841	STK22C	Testis-specific serine kinase 3	0.141	1.512	0.068	Increase	
NM_001260	CDK8	Cyclin-dependent kinase 8	0.142	1.521	0.044	Increase	Pass
NM_003647	DGKE	Diacylglycerol kinase, epsilon	0.145	1.553	0.072	Increase	
NM_006742	PSKH1	Protein serine kinase H1	0.161	1.728	0.066	Increase	
NM_004103	PTK2B	Protein tyrosine kinase 2 beta (PYK2), transcript variant 2	0.167	1.789	0.027	Increase	Fail
NM_152572	FLJ32704	Chromosome 9 open reading frame 98	0.178	1.911	0.026	Increase	Fail
NM_178564	LOC340371	Nuclear receptor binding protein 2	0.232	2.484	0.051	Increase	Pass