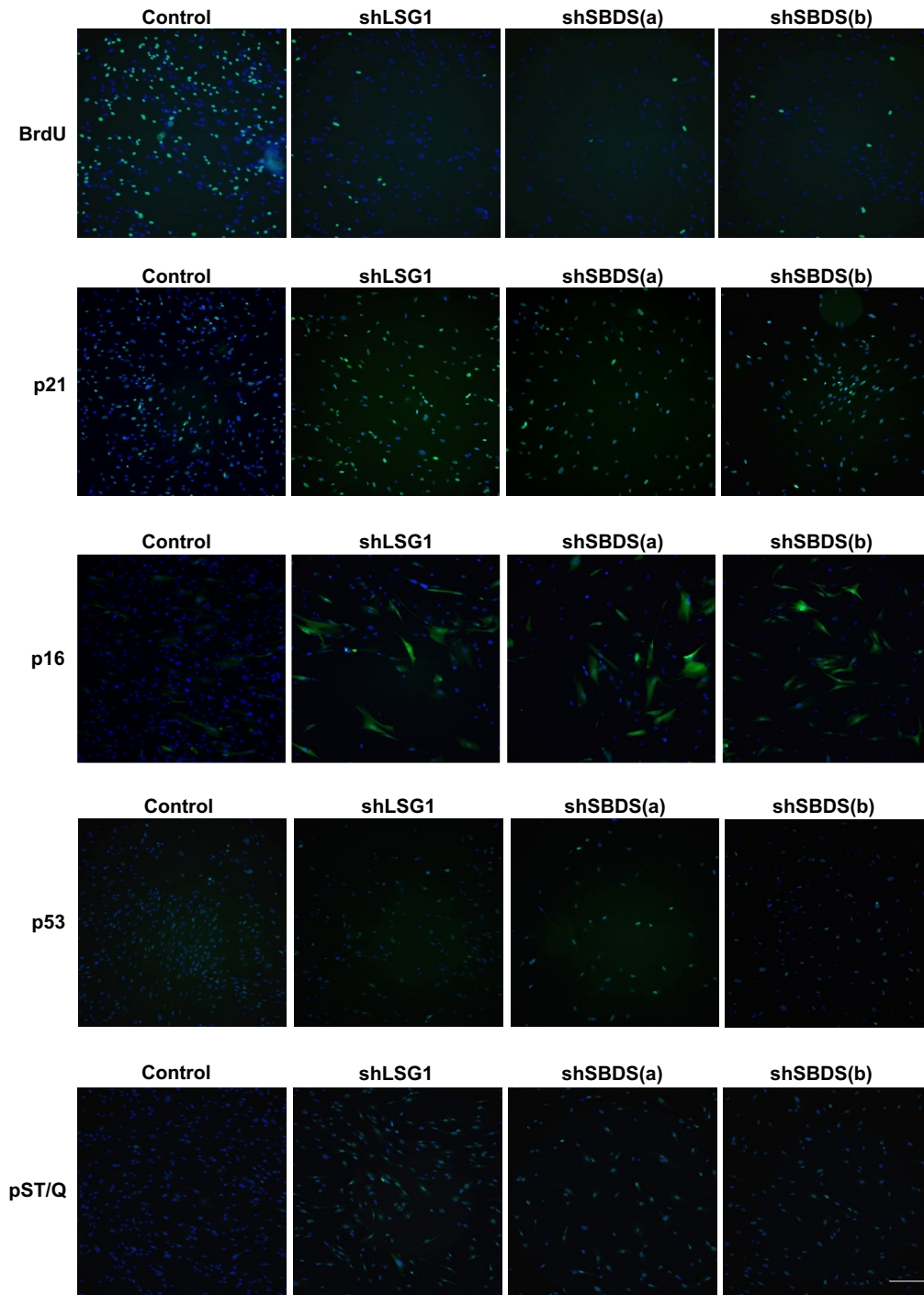
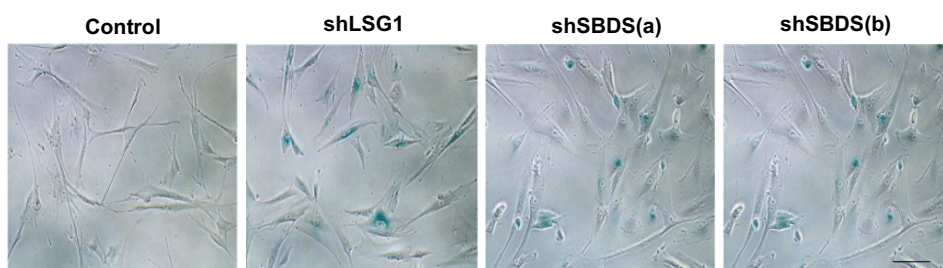
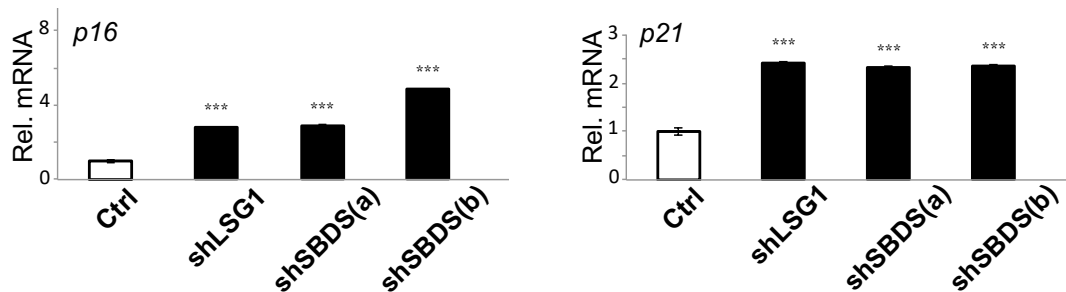
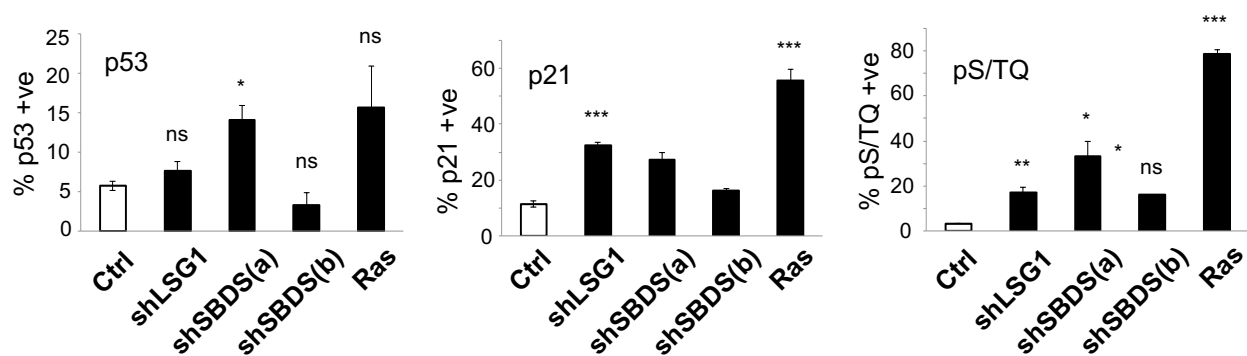


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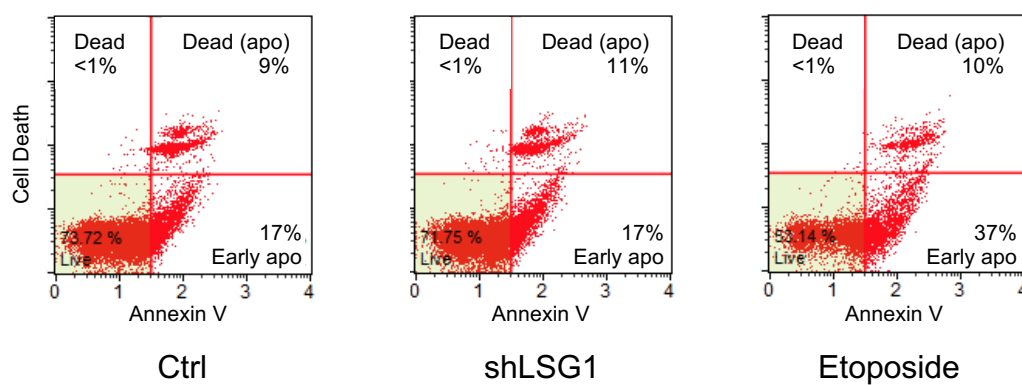
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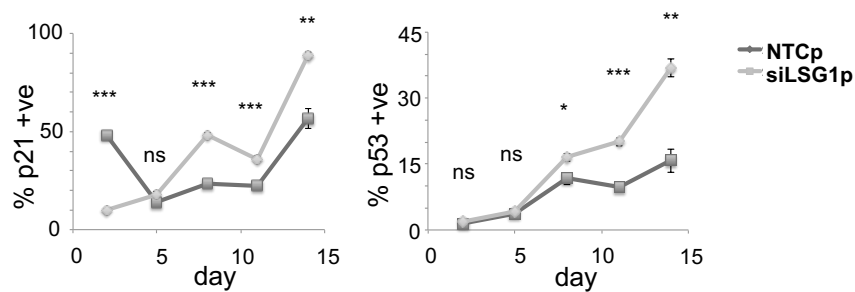
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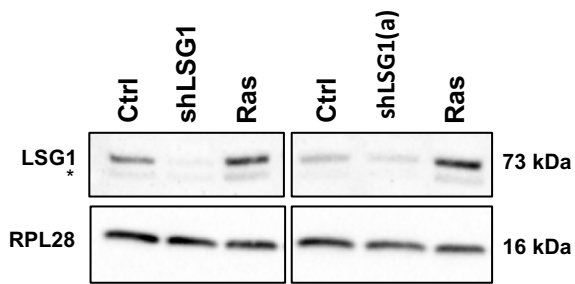
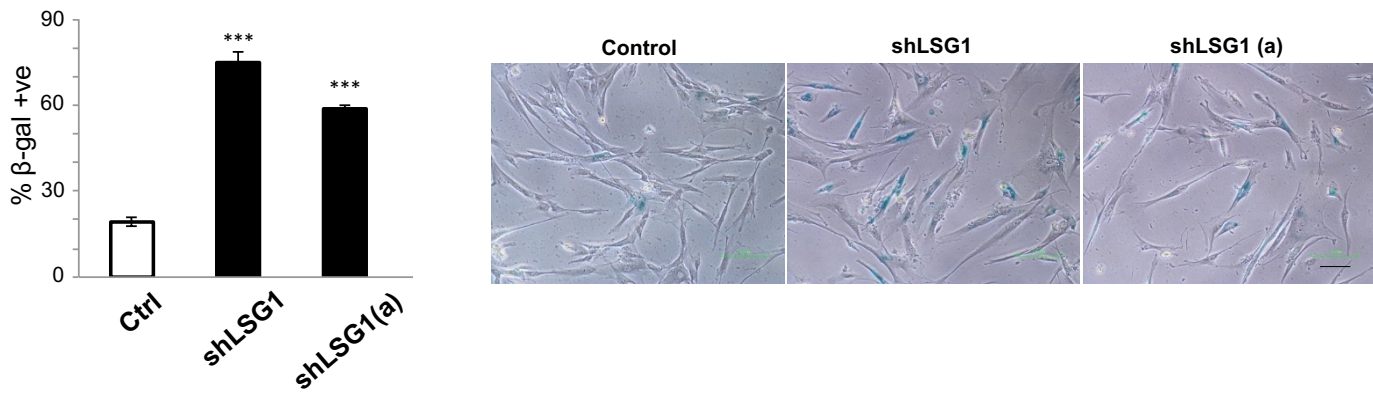
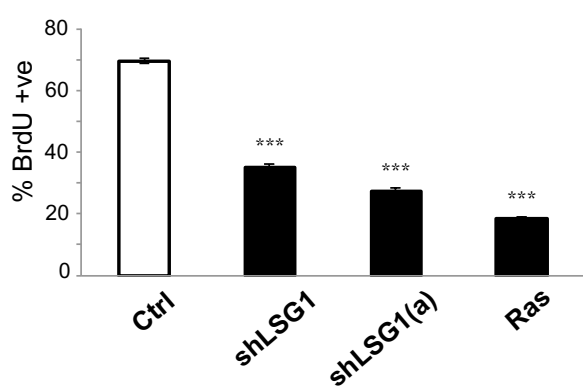


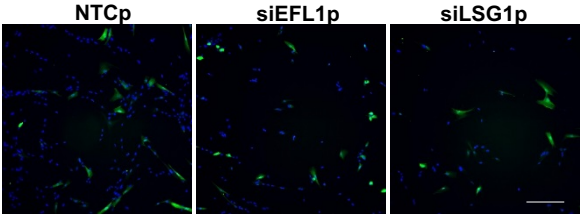
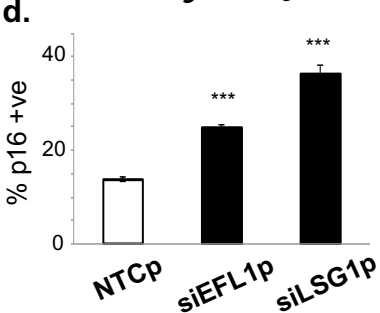
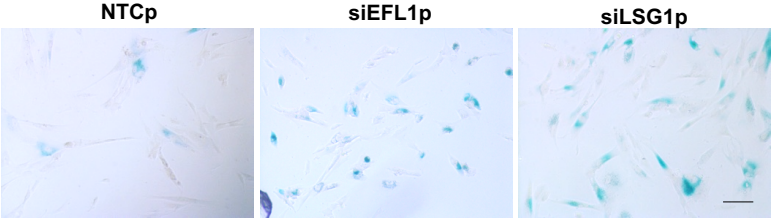
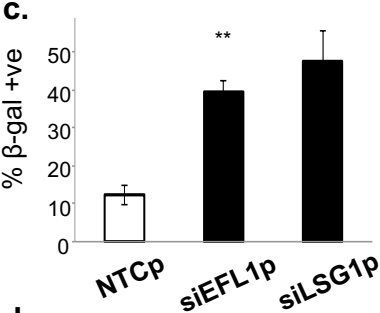
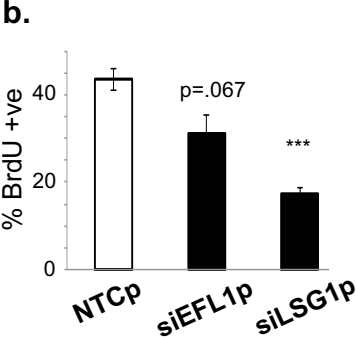
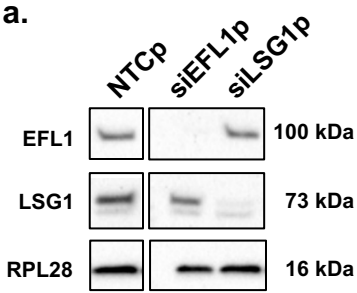
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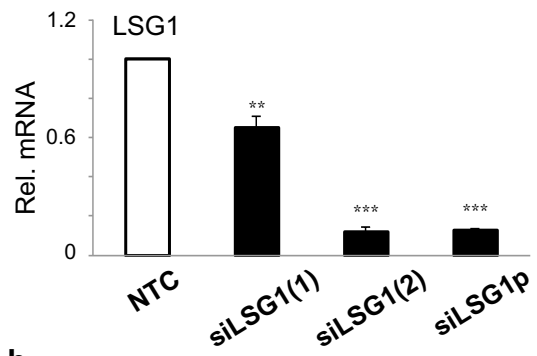
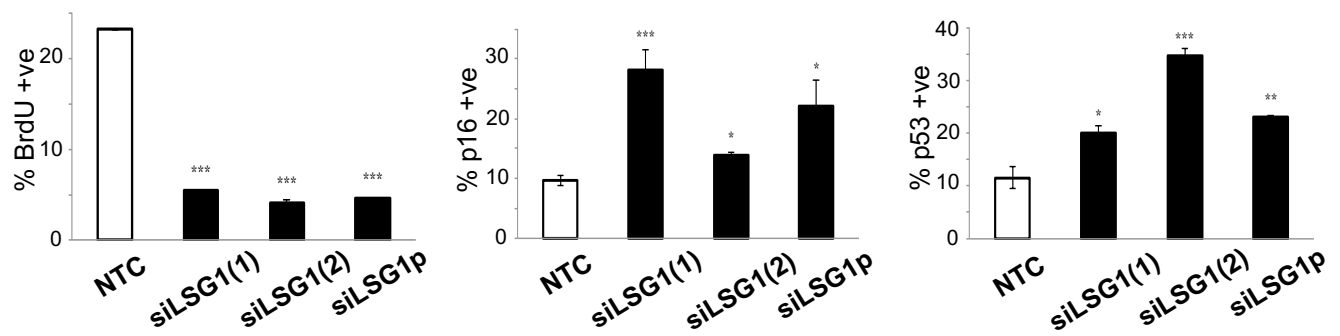


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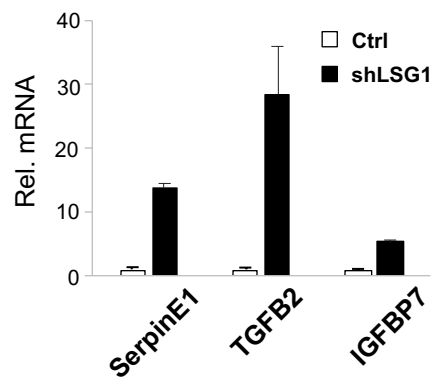


a.**b.****c.**



a.**b.**

a.



b.

List of cholesterol biosynthesis-related genes enriched in shLSG1-induced senescence

Cholesterol biosynthesis			
Gene	Name	Fold-change	Position in list
<i>MSMO1</i>	Methylsterol monooxygenase 1	14.16	1
<i>HMGCS1</i>	3-Hydroxy-3-Methylglutaryl-Coenzyme A Synthase 1	14.13	3
<i>CYP51A1</i>	Cytochrome P450 Family 51 Subfamily A Member 1	10.41	4
<i>ANGPTL4</i>	Angiopoietin Like 4	10.09	
<i>TRIB1</i>	Tribbles Pseudokinase 1	9.62	8
<i>IDI1</i>	Isopentenyl-Diphosphate Delta Isomerase 1	9.34	
<i>DHCR7</i>	7-Dehydrocholesterol Reductase	9.27	
<i>SQLE</i>	Squalene Epoxidase	9.08	
<i>HMGCR</i>	3-Hydroxy-3-Methylglutaryl-CoA Reductase	8.91	
<i>FDFT1</i>	Farnesyl-Diphosphate Farnesyltransferase 1	8.89	
<i>MVK</i>	Mevalonate Kinase	6.42	
<i>LIPA</i>	Lipase A	6.38	
<i>MVD</i>	Mevalonate Diphosphate Decarboxylase	6.15	
<i>HSD17B7</i>	Hydroxysteroid (17-beta) dehydrogenase 7	3.52	
<i>NSDHL</i>	NAD(P) Dependent Steroid Dehydrogenase-Like	3.31	

