**Supplementary Materials**

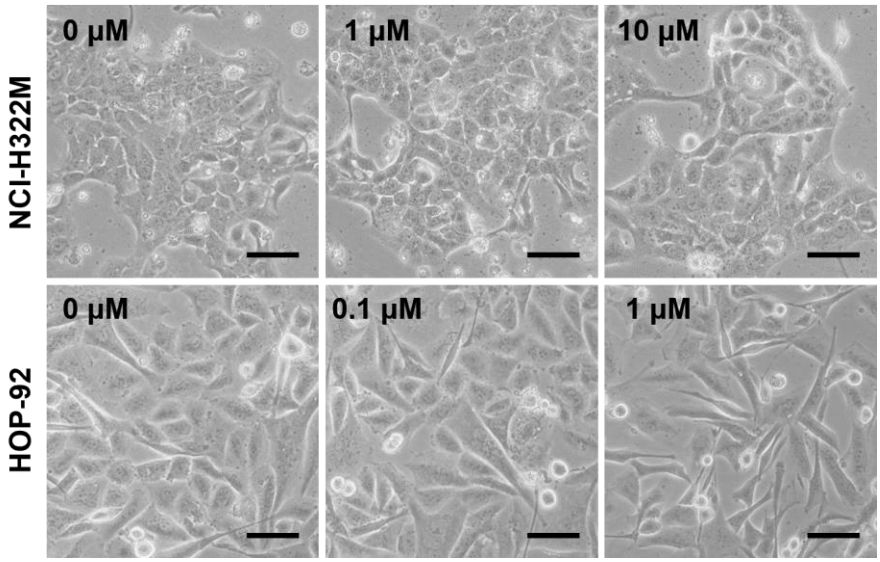


**Fig. S1. Effect of atorvastatin on statin-resistant NCI-H322M and statin-sensitive HOP-92 cells**

Phase-contrast imaging of NCI-H322M and HOP-92 cells treated with atorvastatin for 24 h. NCI-H322M and HOP-92 cells were treated with 1 and 10 μM atorvastatin and 0.1 and 1 μM atorvastatin for 24 h, respectively (vehicle control, 0.1% DMSO). In HOP-92 cells, cellular shrinkage was observed at 1 μM atorvastatin. Scale bar = 100 μm.

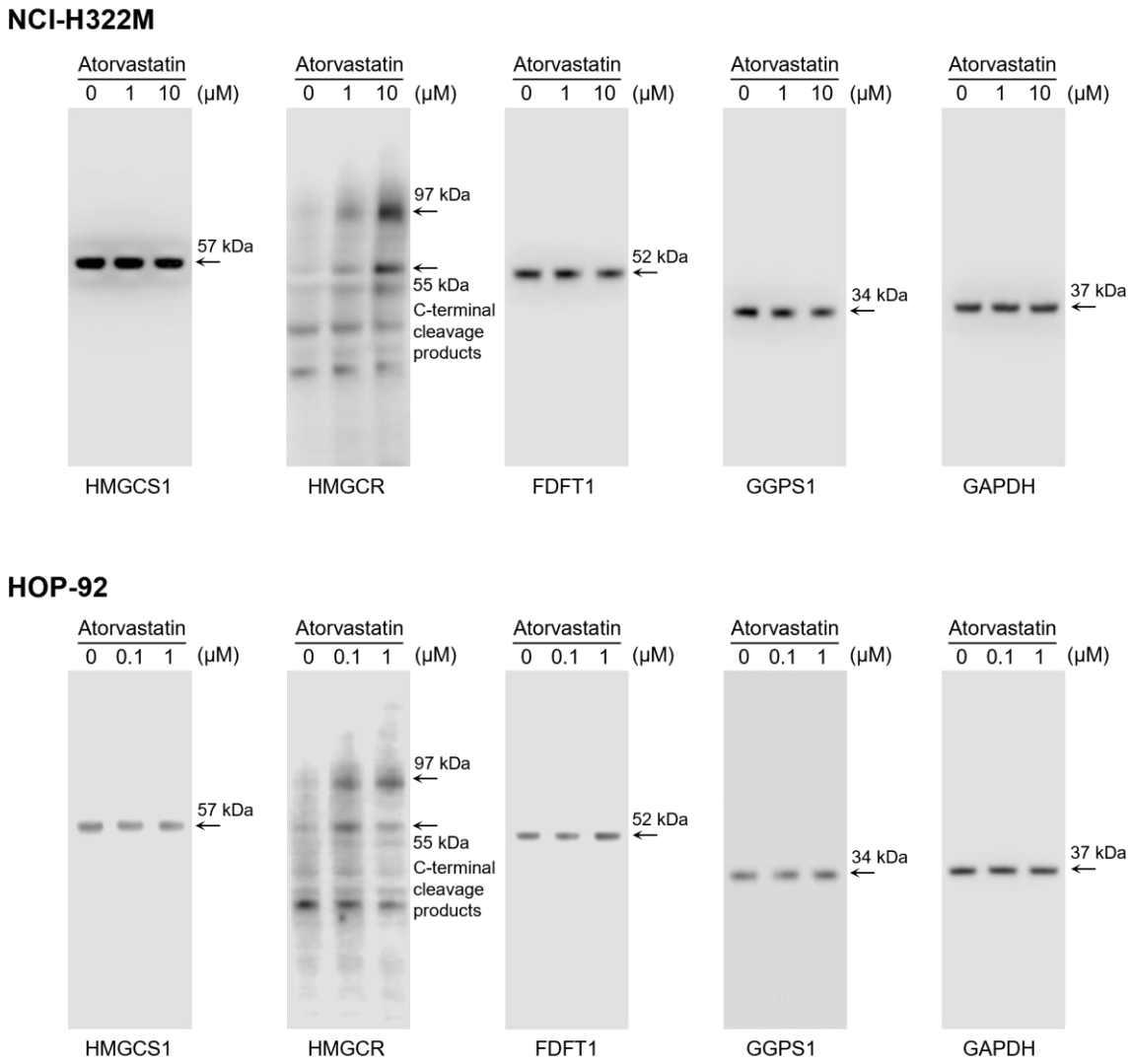


**Fig. S2. Western blot analysis of extracts from statin-resistant NCI-H322M and statin-sensitive HOP-92 cells treated with atorvastatin for 24 h**

All western blot images are full-length blots of HMGCS1, HMGCR, FDFT1, GGPS1, and GAPDH. Membranes were stripped with western blot stripping buffer (Takara Bio, Shiga, Japan) and probed with other antibodies.

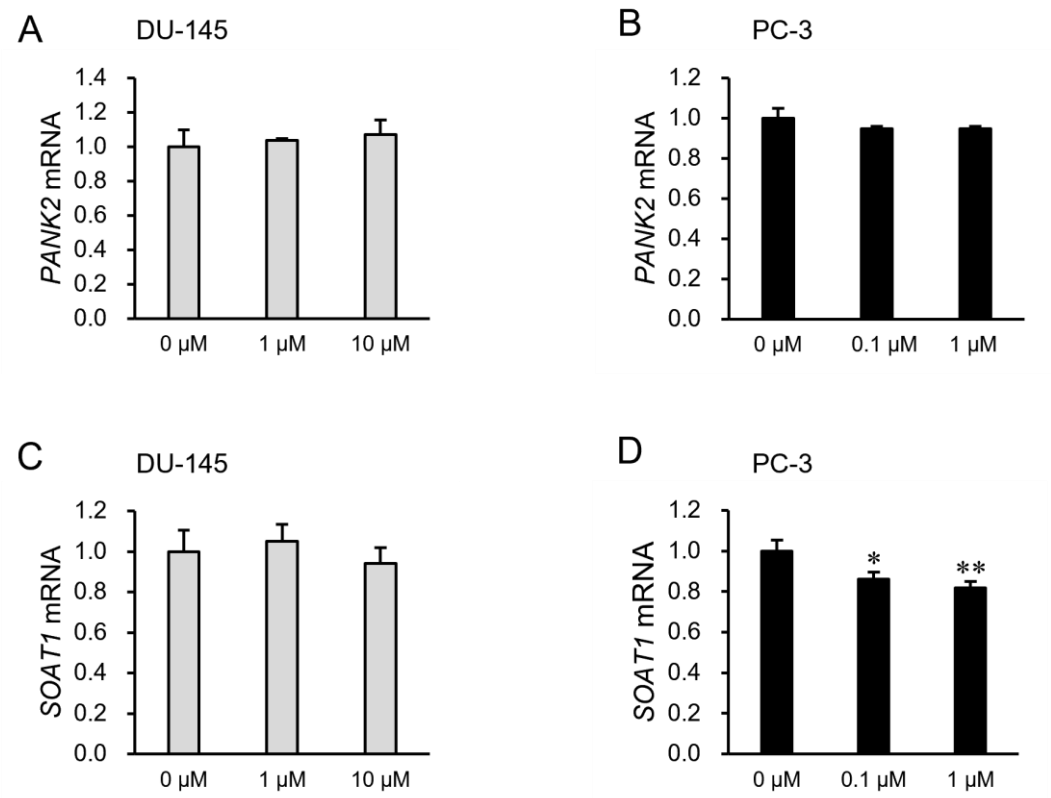


**Fig. S3. The mRNA expression levels of *PANK2* and *SOAT1* in statin-resistant DU-145 and statin-sensitive PC-3 cells treated with atorvastatin for 24 h**

Real-time PCR analyses of *PANK2* (A and B) and *SOAT1* (C and D) expression in statin-resistant DI-145 and statin-sensitive PC-3 cells treated with atorvastatin. Real-time RT-PCR data were normalized to *RPLP1* levels in each sample and expressed as values relative to those of the internal control. The measurement values for each group were compared using Dunnett's test and Student's t-test. Mean ± standard deviation, n = 3, $*P < 0.05$, $**P < 0.01$.

**Supplementary Table S1. Primer sets for Real-time RT-PCR**

| Gene | | Primer sequence | Product size |
|---|---|---|---|
| *HMGCS1* | Forward<br>Reverse | 5′- CTCTTGGGATGGACGGTATGC -3′<br>5′- GCTCCAACTCCACCTGTAGG -3′ | 90 bp |
| *HMGCR* | Forward<br>Reverse | 5′- GCCTGGCTCGAAACATCTGAA -3′<br>5′- CTGACCTGGACTGGAAACGGATA -3′ | 136 bp |
| *GGPS1* | Forward<br>Reverse | 5′- CACTTGGGCTCTTTTTCCAA -3′<br>5′- GCGCAAGATATTCTGCACCT -3′ | 170 bp |
| *FDFT1* | Forward<br>Reverse | 5′- GGAAGACCAGCAAGGAGGAA -3′<br>5′- ACTGCACGGCCAAGTCAATA -3′ | 110 bp |
| *PANK2* | Forward<br>Reverse | 5′- GGATCGACTGGGCTCTTACA -3<br>5′- TTGGAGGTCAGGTACTTCCG -3 | 213 bp |
| *SOAT1* | Forward<br>Reverse | 5′- GAAACCGGCTGTCAAAGTCC -3′<br>5′- AATGGCTTCAATTCCTCTGC -3′ | 163 bp |
| *RPLP1* | Forward<br>Reverse | 5′- AGCCGGTGTAAATGTTGAGC -3′<br>5′- CAGATGAGGCTCCCAATGTT -3′ | 81 bp |