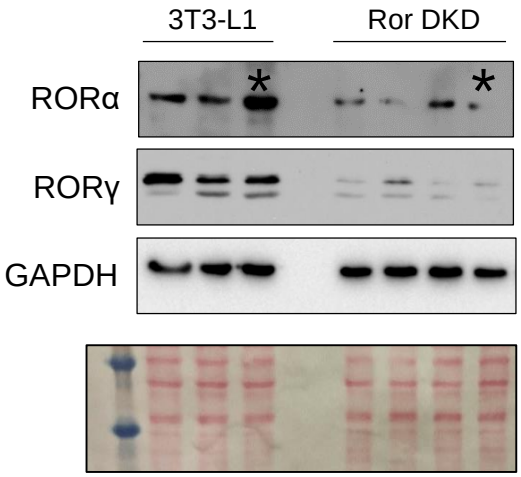
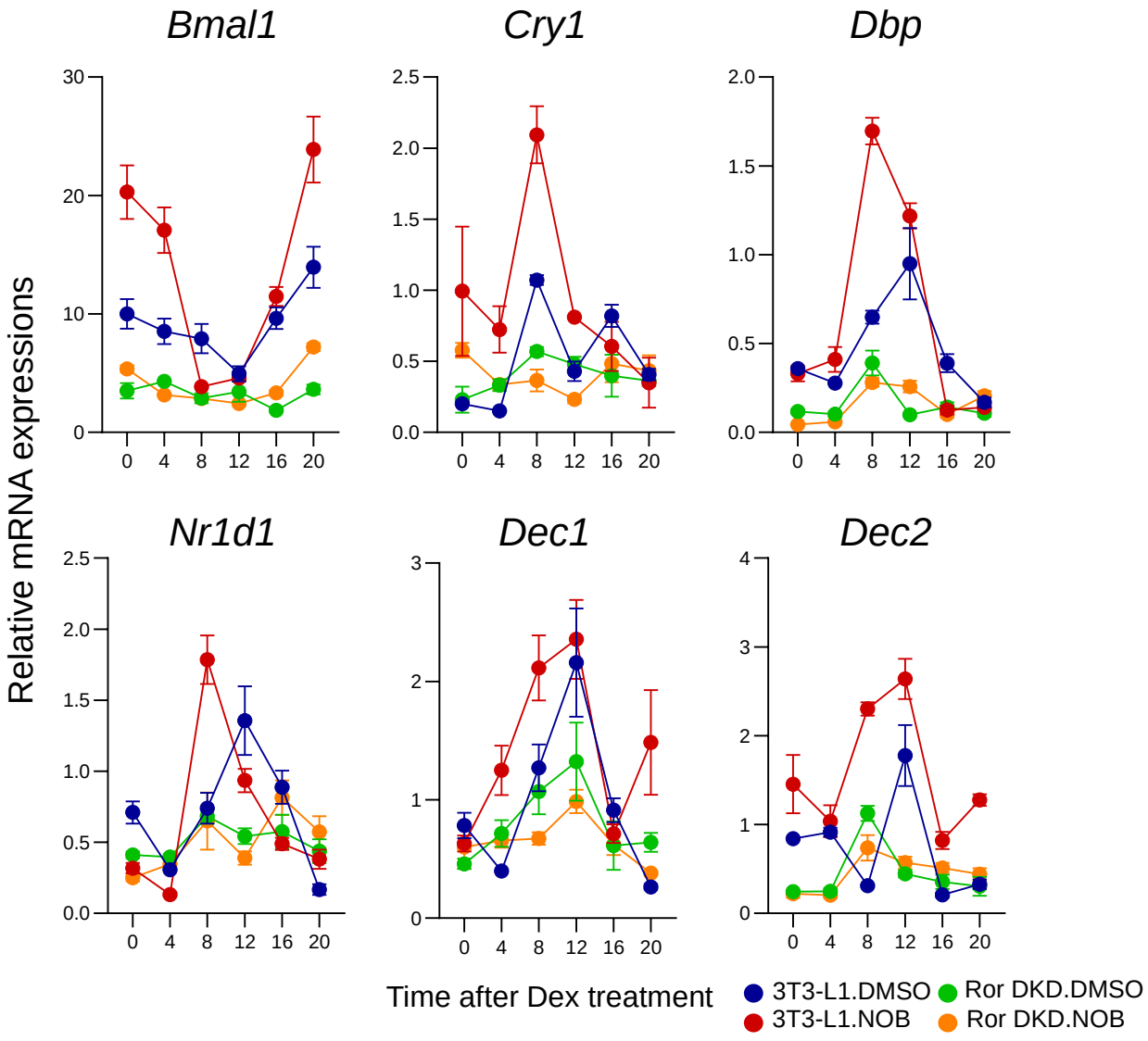
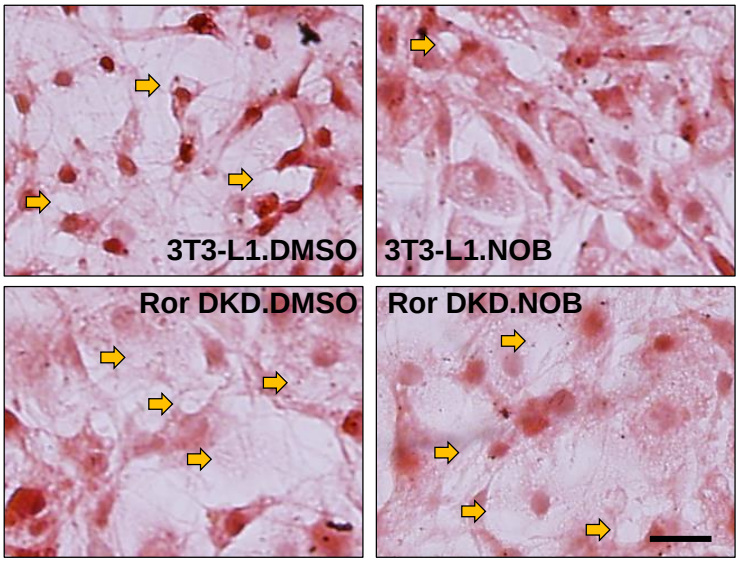



**Supplementary Figure S1. Ror DKD cells were generated by CRISPR.** Validation of RORα and RORγ protein expressions in Rorac KD cells. * indicated the cell clones used for further experiments. Lower panel; Ponceau staining for the membrane used in Western blotting.




**Supplementary Figure S2. ROR-dependent circadian gene expression was enhanced by NOB. A**. Real-time qPCR analysis of core clock gene expressions of Ror DKD 3T3-L1 cells treated with NOB 20 μM at 6 days after differentiation. Data are shown as mean ± SEM every 4 h for 24 h (*n*=3/group/time point).




**Supplementary Figure S3. Ror DKD showed accumulation of lipid droplets.** Representative images of H&E staining of 3T3-L1 and Ror DKD cells treated with NOB 20 μM at 6 days after differentiation. Yellow arrows indicate representative lipid droplets. Scale bar = 200 μm (× 10).