



Gene	Primer fw (5' → 3')	Primer rev (5' → 3')
B4galt6	TATGTGGCTCCAGGCATCG	GCCTTCAGGATAATCTGTTCCG
CerK	TACCCTCAGGATCGGCATCA	TGCCAGTGAGTCCCCAATAA
Degs1	AATGGGTCTACACGGACCAG	GGACGAGAAGCATCATGGCTA
Glb1	GGATGGACAGCCATTCCGAT	CAGGGCACGTACATCTGGATA

The expression of 4 key genes of the sphingolipid pathway was assessed by qPCR in EKO peritoneal macrophages. These were treated for 48h with either LDL (50 mg/ml), without or with HDL (500 mg/dl). Untreated (DMEM) cells were used as control. Results are charted in the figure. In blue, qPCR evaluation of B4galt6, CerK, Degs1 and Glb1 on cultured macrophages; in the same color scheme used throughout the article, results from aorta RNAseq. The primers used for qPCR quantification (20ng, n=3 biological replicates, n=3 technical replicates) are shown in a table, bottom left.