$$\cdots \xrightarrow{\partial_{q+2}} C_{q+1} \xrightarrow{\partial_{q+1}} C_q \xrightarrow{\partial_q} C_{q-1} \xrightarrow{\partial_{q-1}} \cdots$$

with vertical maps h_{q+1}, g_{q+1}, f_{q+1}, h_q, g_q, f_q, h_{q-1}, g_{q-1}, f_{q-1}, h_{q+2}, f_{q-1}

$$\cdots \xrightarrow{\delta_{q+2}} D_{q+1} \xrightarrow{\delta_{q+1}} D_q \xrightarrow{\delta_q} D_{q-1} \xrightarrow{\delta_{q-1}} \cdots$$