$$A_{1} \stackrel{f_{A}}{\rightarrowtail} A_{2} \stackrel{g_{A}}{\longrightarrow} A_{3} \stackrel{\delta_{A}}{\longrightarrow}$$

$$\downarrow^{i_{2}} \qquad \downarrow^{i_{3}} \qquad \downarrow^{i_{3}}$$

$$B_{1} \stackrel{f_{B}}{\rightarrowtail} B_{2} \stackrel{g_{B}}{\longrightarrow} B_{3} \stackrel{\delta_{B}}{\longrightarrow}$$

$$\downarrow^{p_{2}} \qquad \downarrow^{p_{3}} \qquad \downarrow^{p_{3}}$$

$$C_{2} \qquad C_{3} \qquad \downarrow^{\varepsilon_{2}} \qquad \downarrow^{\varepsilon_{3}}$$