$$B \longrightarrow X \longrightarrow A \longrightarrow B[1]$$

$$\downarrow^{f_B} \qquad \downarrow^{f} \qquad \downarrow^{f_A} \qquad \downarrow^{f_B[1]}$$

$$B' \longrightarrow X' \longrightarrow A' \longrightarrow B'[1]$$