$$\begin{array}{c|c}
T \\
\downarrow & \downarrow & g \\
\downarrow & \downarrow & \downarrow & g \\
\downarrow & \downarrow & \downarrow & \downarrow & g \\
\hline
X & \longrightarrow & Z & \longrightarrow & Y \\
\hline
in_1 & & & in_2
\end{array}$$