$$\begin{array}{c|c}
Gen & \mathcal{A} \\
\hline
p | q & p_* | q_* \\
\hline
Challenger \mathcal{G} & \begin{bmatrix} (n, p, q) \leftarrow \mathsf{Gen} \\
p_*, q_* \leftarrow \mathcal{A}(n) \\
\hline
\mathbf{return} & [p \stackrel{?}{=} p_*] \lor [p \stackrel{?}{=} q_*]
\end{array}$$