

Challenger  
(Experiment  $b$ )

$$k \xleftarrow{R} \mathcal{K}$$

$$c \xleftarrow{R} E(k, m_b)$$

$$m_0, m_1 \in \mathcal{M}$$

$$c$$

$$\hat{b} \in \{0, 1\}$$

$\mathcal{A}$