

Challenger  
(Experiment  $b$ )

$$(pk, sk) \xleftarrow{R} G()$$

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

$pk$

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

$c$

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

$\mathcal{A}$