$$\epsilon, E \to E+T$$

$$\epsilon, E \to T$$

$$\epsilon, T \to T \times F$$

$$\epsilon, T \to F$$

$$\epsilon, F \to (E)$$

$$\epsilon, F \to a$$

$$+,+ \to \epsilon$$

$$\times, \times \to \epsilon$$

$$(,(\to \epsilon),) \to \epsilon$$

$$a,a \to \epsilon$$

$$q_{loop}$$

$$\epsilon, \$ \to E\$$$

$$q_{loop}$$

$$\epsilon, \$ \to \epsilon$$