

SUPER BIOTECH





Background

Nowadays, with the rapid expansion of biotechnology, more and more companies are providing customized biological products. In this game, you will play the role of R&D personnel of a biotechnology company. You will develop products that meet customer needs by using the common biological building blocks (Biobricks) of synthetic biology. The board game is for

2-4 players.

Component

Manual*1

Cards*35 (Product Cards: 8, Biobrick Cards: 25, Blank Biobrick

Cards: 2)

*You could create a new card effect of Blank Biobrick Card.

Icon

Title

Card description

PRINCIPAL

Promoter

In genetics, a promoter is a sequence of DNA to which proteins bind to initiate transcription of a single RNA transcript from the DNA downstream of the promoter.

Rule

Game settings:

Before the game starts, you need to shuffle all biobrick cards and place them in a 5*5 manners. You should also shuffle and stack

the product cards for later use.

During the game:

Players decide the game order by themselves. The first player draws a product card from the deck and lays it on the table face-up. Players should perform the following steps each round until the end of the game.

- 1. Open five Biobrick cards.
- 2. Display the function of the Special Biobrick Cards.
- 3. Cover the cards face-down.
- 4. The round ends.

Game over:

When the cards the player opens contain Promoter, RBS, Ubx protein, a specific protein that matches the product card, and Terminator, the player wins.

Special Biobrick Card Notes:

If more than one special Biobrick card is revealed in a round, the effects can be displayed by order. All effects should be used in that round.