Therefore, it is necessary to regulate the production amount of lactic acid in the fermented product produced through microbial fermentation.

With this background, the present inventors have made efforts to reduce the organic acid productivity in a microorganism producing L-glutamic acid. As a result, the present inventors have developed a novel polynucleotide having the promoter activity of the present disclosure, and discovered that the polynucleotide can increase the L-glutamic acid productivity in the strain and that it can reduce the lactic acid productivity, thereby completing the present disclosure.

[Disclosure]

[Summary]

In one aspect, the present disclosure relates to a polynucleotide having promoter activity, wherein the 37th nucleotide of the nucleotide sequence of SEQ ID NO: 2 is substituted with G.

In another aspect, the present disclosure relates to a vector comprising the polynucleotide of the disclosure; and a gene encoding a target protein operably linked to the polynucleotide.

In another aspect, the present disclosure relates to a microorganism of the genus *Corynebacterium*, comprising the polynucleotide of the disclosure; and a gene encoding a target protein operably linked to the polynucleotide.

In another aspect, the present disclosure relates to a method for producing a target substance, comprising: culturing the microorganism of the genus *Corynebacterium* of the disclosure in a medium; and recovering the target substance from the cultured medium.

In another aspect, the present disclosure relates to a method for preparing a fermented composition, comprising fermenting by culturing the microorganism of the genus *Corynebacterium* of the disclosure in a medium.

In another aspect, the present disclosure relates to a fermented composition prepared

by the method of the disclosure.

[Technical Problem]

An objective of the present disclosure is to provide a polynucleotide having promoter activity, wherein the 37th nucleotide of the nucleotide sequence of SEQ ID NO: 2 is substituted with G.

Another objective of the present disclosure is to provide a vector comprising the polynucleotide; and a gene encoding a target protein operably linked to the polynucleotide.

Still another objective of the present disclosure is to provide a microorganism of the genus *Corynebacterium* comprising the polynucleotide; and a gene encoding a target protein operably linked to the polynucleotide.

Still another objective of the present disclosure is to provide a method for producing a target substance, comprising: culturing the microorganism of the genus *Corynebacterium* in a medium; and recovering a target substance from the medium.

Still another objective of the present disclosure is to provide a method for preparing a fermented composition, comprising fermenting by culturing the microorganism of the genus *Corynebacterium* in a medium.

Still another objective of the present disclosure is to provide a fermented composition prepared by the above method.

[Technical Solution]

Hereinbelow, the present disclosure will be described in detail. Meanwhile, each description and embodiment disclosed in the present disclosure may be applied to other descriptions and embodiments. That is, all combinations of various elements disclosed in