

ABSTRACT**GENETIC MANIPULATION AND EXPRESSION SYSTEMS FOR
PUCCINIOMYCOTINA AND USTILAGINOMYCOTINA SUBPHYLA**

[0165] The present invention relates to the application of isolated promoters and synthetic dominant selection constructs and enhancers for gene targeting for efficient production of genetically modified cells in a species selected from the Pucciniomycotina and Ustilaginomycotina subphyla, in particular, species selected from the *Rhodosporidium*, *Sporisorium*, *Sporobolomyces* or *Ustilago* genera.

FIG. 1D