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Product Information

Y2HGold Competent Cell

Cat. No.: **HN-1224-TT32**
This product is for research use only and is not intended for diagnostic use.

Product Overview

The Y2HGold strain is a common strain used in the GAL4 system yeast hybrid experiment, of MATa type. It can be directly transformed plasmids or perform protein interaction verification or screening experiments with the MAT α yeast strain Y187 through mating.
Y2HGold has four reporter genes: AbAr, HIS3, ADE2, MEL1, which are respectively activated by three different promoters (G1, G2, M1). Only the 17 bp core region recognized by GAL4 is the same among these three promoters, while the rest are different, greatly reducing the probability of Y2H false positives.
In addition, the new reporting gene AbAr has the advantage of lower background compared to previous nutritional deficiency reporting genes, and can also reduce the probability of Y2H false positives. Y2HGold competent cells were prepared using special techniques and can be stored at -80 °C for 12 months. The pGADT7 plasmid detection showed a transformation efficiency of>10^4 cfu/μg DNA.

Applications

Y2H interaction library screening

Content

Y2HGold strain
Carrier DNA (10μg/μl)
PEG/LiAC

Size

100μl×10 vail/100μl×50 vail

Storage

-80°C