

P04005

## NMY51 Yeast Reporter Strain

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<b>Product</b>	NMY51 reporter strain for DUALhybrid, DUALmembrane and DUALhunter screening systems
<b>Contents</b>	Yeast stab culture
<b>Storage</b>	Store stab culture at 4 °C for up to 2 months
<b>Handling</b>	<p><b>Stab cultures</b></p> <p>Insert a sterile inoculation loop into the cloudy area of the agar stab, remove and streak onto a YPD plate. Seal plate with parafilm and incubate at 30 °C for 2-3 days until white 1-2 mm diameter colonies appear. Proceed immediately to preparing glycerol stocks. Store plate at 4 °C for up to 1 month.</p> <p><b>Preparing glycerol stocks</b></p> <p>Inoculate several colonies into 20 ml liquid YPD medium and grow overnight at 30 °C with shaking. Pellet cells by centrifugation at 2500x g for 5 minutes, discard the supernatant and resuspend the pellet in 10 ml freezing mix (2xYPD medium / 25% glycerol). Aliquot into cryotubes and place at -80 °C (do NOT flash freeze in liquid nitrogen!). Glycerol stocks are viable for several years when stored at -80 °C. To restreak a stock, remove a cryotube from the freezer and scratch off the yeast from the surface of the frozen stock using a sterile loop. Streak onto a YPD plate, seal the plate with parafilm and incubate at 30 °C for 2-3 days. Yeast plates can be stored at 4 °C for 1 month. Do not use yeast older than 1 month for transformation.</p>
<b>Genotype</b>	<i>MATa his3delta200 trp1-901 leu2-3,112 ade2 LYS2::(lexAop)4-HIS3 ura3::(lexAop)8-lacZ (lexAop)8-ADE2 GAL4</i>
<b>Application</b>	NMY51 is the standard reporter strain for DUALhybrid, DUALmembrane and DUALhunter screening systems. The strain is also compatible with most LexA based yeast two-hybrid systems.
<b>Support</b>	Please see <a href="http://www.dualsystems.com">www.dualsystems.com</a> for support and protocols. Please direct support inquiries to <a href="mailto:support@dualsystems.com">support@dualsystems.com</a> or call +41 44 738 50 00.
<b>Research use</b>	This product is intended for research use only, not for diagnostic or therapeutic uses.
<b>MSDS</b>	Non-hazardous. No MSDS required. Observe good laboratory practice guidelines and wear gloves, laboratory coat and glasses when handling the product.
<b>Version</b>	2009-1