

# Plate xx gels 2020 12 24

conditions: all gels

- TS owl easycast B2 gel rig, 12 x 14 cm W x L gel
- 100 ml 1X TAE : 0.5 g agarose
- $\lambda$  / HindIII ladder Fermentas SM0103, also ThermoFisher
- ladder 23130, 9416, 6557, 4361, 2322, 2027, 564, 125 bp
- 100 ml 1X TAE : 30.3 ul GelRed post-stain, fresh 12/24, 26
- imager set to 302 nm
- 1 ul 6X NEB B7024S dye : 5 ul product
- 3 ul ladder : 3 ul 1X TE

from NEB: Attention SYBR Safe and GelRed dye users:  
Due to an increased concentration of SDS in NEB B7024,  
use Gel Loading Dye, Purple, No SDS (6X), NEB B7025.

gel a: 50% gel, 45 V for 95 min.

A1:H1    A2:H2  
A3:H3    A4:H4

gel b: 50% gel, 45 V for 75 min.

A5:H5    A6:H6  
A7:H7    A8:H8

gel c: 50% gel, 45 V for 95 min.

A9:H9    A10:H10  
A11:H11    A12:H12