



# Mouse Models for Developmental Biology Research (Tie2-B4galnt2 transgenic)

TECHNOLOGY NUMBER: 2015-480



## INNOVATION

These mice have mice have beta-1,4-N-acetyl-galactosaminyl transferase 2 (B4galnt2) expression being driven by the vascular endothelial-specific receptor tyrosine kinase (Tie2) promoter in vascular endothelial cells. These mice exhibit lower plasma von Willebrand factor (VWF) levels and prolonged bleeding time. These mice may be useful for studying plasma VWF levels, cohesion and aggregation of platelets at the site of injury, bleeding, and clotting associated with human von Willebrand disease.

## ADDITIONAL DETAILS

Jackson <https://www.jax.org/strain/013196>

## Technology ID

2015-480

## Category

Research Tools and Reagents

## Inventor

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