

BHLHE40 FLOX/FLOX MICE

[Edelson, Brian](#)

[Gill, John](#)

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The Bhlhe40 flox/flox mice on the C57BL/6 background originated as a KO-first promoter-driven mouse line from the Knockout Mouse Project and were purchased from the Jackson Laboratory. These initial mice contained a Bhlhe40 allele with a splice acceptor-LacZ reporter and a Neo cassette flanked by two Frt sites, which were removed by crossing them to B6N.129S4-Gt(ROSA)26Sortm1(FLP1)Dym/J mice leaving behind an allele of Bhlhe40 with a loxP-flanked exon 4. Subsequent crosses yielded Bhlhe40 flox/flox mice with no residual Rosa26-Flp transgene. This research tool will be useful in determining the role of Bhlhe40 in individual cells or at specific times *in vivo*.

Publication: [Bhlhe40 is an essential repressor of IL-10 during *Mycobacterium tuberculosis* infection](#)