

R26-CAG-LSL-hEGFR*T790M/del19-Luc-tdTomato

Nomenclature

C57BL/6Smoc-*Gt(ROSA)26Sor*^{em1(SA-2xpolyA-CAG-LSL-EGFR T790M-del19-luciferase-tdTomato)Smoc}

Cat. NO.

NM-KI-190009

Strain State

Sperm cryopreservation

Gene Summary

Gene Symbol Gt(ROSA)26Sor	Synonyms	R26, ROSA26, AV258896, Gtrg eo26, Gtrosa26, Thumpd3as1
	NCBI ID	14910
	MGI ID	104735
	Ensembl ID	ENSMUSG00000086429

Model Description

A SA-2xpolyA-CAG-LSL-EGFR(T790M-del19)-IRES-luciferase-2A-tdTomato-WPRE-polyA cassette was inserted at the Rosa26 locus. When bred to a strain expressing Cre recombinase under control of various tissue specific promoters, Cre recombination deletes the LSL cassette and allows the expression of the EGFR(T790M-del19) protein.

Research Application: cancer

*Literature published using this strain should indicate: R26-CAG-LSL-hEGFR*T790M/del19-Luc-tdTomato mice (Cat. NO. NM-KI-190009) were purchased from Shanghai Model Organisms Center, Inc..

Validation Data

No data