

# R26-CAG-LSL-hIDH2\*R140Q-IRES-Luc-2A-tdTomato

系統名	C57BL/6Smoc- <i>Gt(ROSA)26Sor</i> <sup>em1(CAG-LSL-IDH2(R140Q)-IRES-Luciferase-2A-tdTomato)Smoc</sup>
SMOC番号	NM-KI-190075
維持形態	Embryo cryopreservation

## 遺伝子の概要

Gene Symbol <b>Gt(ROSA)26Sor</b>	<b>Synonyms</b>	R26, ROSA26, AV258896, Gtrg eo26, Gtrosa26, Thumpd3as1
	<b>NCBI ID</b>	<a href="#">14910</a>
	<b>MGI ID</b>	<a href="#">104735</a>
	<b>Ensembl ID</b>	<a href="#">ENSMUSG00000086429</a>

## 説明

These mice harbor a CAG-LSL-IDH2(R140Q)-IRES-Luciferase-2A-tdTomato cassette in the Rosa26 locus generated by homologous recombination.

**応用分野:** cancer research

\*Literature published using this strain should indicate: R26-CAG-LSL-hIDH2\*R140Q-IRES-Luc-2A-tdTomato mice (Cat. NO. NM-KI-190075) were purchased from Shanghai Model Organisms Center, Inc..

## 病気の予測

<b>D-2-Hydroxyglutaric Aciduria</b>	<b>表現型</b>	<a href="#">MGI:5582197</a> Note: The expected phenotype(s) may be observed in the above-mentioned mice that bred with ACTB-cre mice.
	<b>参考文献</b>	Akbay EA, Moslehi J, Christensen CL, Saha S, Tchaicha JH, Ramkissoon SH, Stewart KM, Carretero J, Kikuchi E, Zhang H, Cohoon TJ, Murray S, Liu W, Uno K, Fisch S, Jones K, Gurumurthy S, Gliser C, Choe S, Keenan M, Son J, Stanley I, Losman JA, Padera R, Bronson RT, Asara JM, Abdel-Wahab O, Amrein PC, Fathi AT, Danial NN, Kimmelman AC, Kung AL, Ligon KL, Yen KE, Kaelin WG Jr, Bardeesy N, Wong KK, D-2-hydroxyglutarate produced by mutant IDH2 causes cardiomyopathy and neurodegeneration in mice. <i>Genes Dev.</i> 2014 Mar 1;28(5):479-90

### 表現型データ

No data