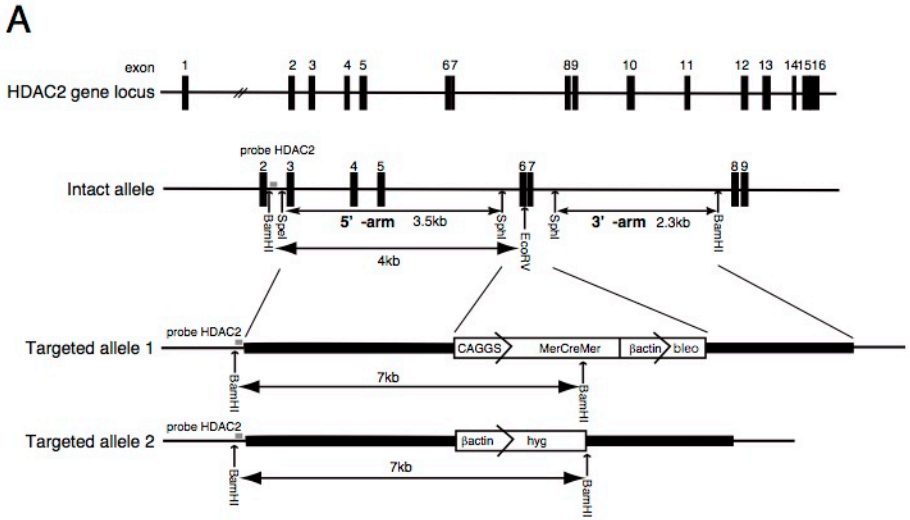
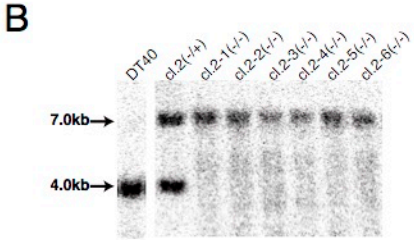
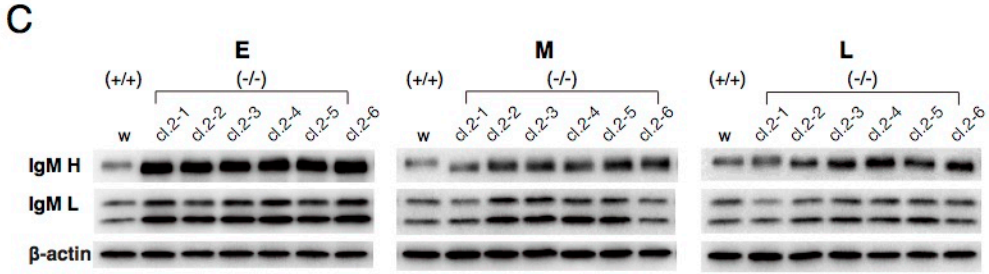
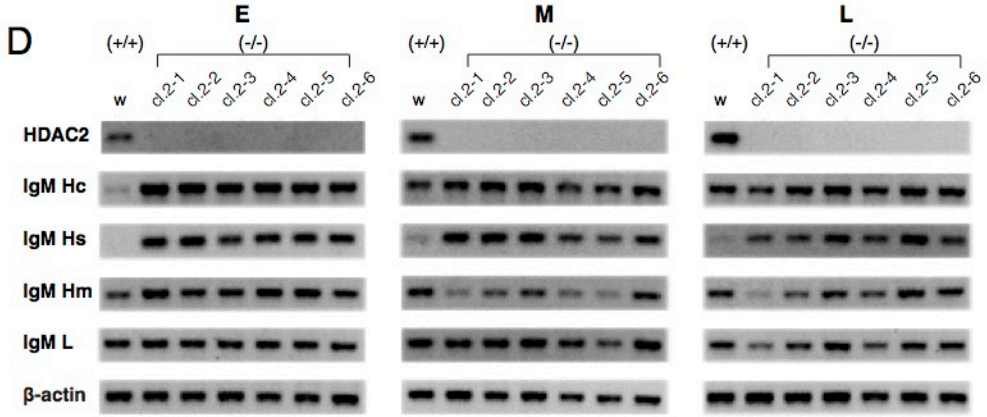

A
exon
HDAC2 gene locus
probe HDAC2
Intact allele
5' -arm 3.5kb
3' -arm 2.3kb
4kb
Targeted allele 1
CAGGS
MerCreMer
βactin
bleo
7kb
Targeted allele 2
βactin
hyg
7kb


B
DT40
cl.2(-/+)
cl.2-1(-/-)
cl.2-2(-/-)
cl.2-3(-/-)
cl.2-4(-/-)
cl.2-5(-/-)
cl.2-6(-/-)
7.0kb
4.0kb


C
E
M
L
(+/+)
(-/-)
w
cl.2-1
cl.2-2
cl.2-3
cl.2-4
cl.2-5
cl.2-6
IgM H
IgM L
β-actin


D
E
M
L
(+/+)
(-/-)
w
cl.2-1
cl.2-2
cl.2-3
cl.2-4
cl.2-5
cl.2-6
HDAC2
IgM Hc
IgM Hs
IgM Hm
IgM L
β-actin