

A. Amino acid sequence of mouse CD40 intracellular domain

VFLYIKKVVKKPKDNEILPPAARR**ODPOEMED**YPGHNTAA**PVOETI**LHGCO**PVTQEDGKESRI**ISVQERQVTDLSIALRPLV

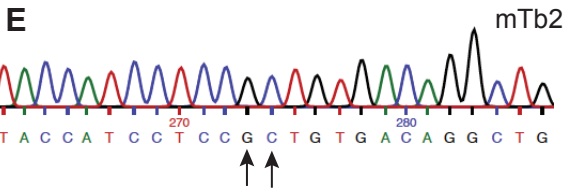
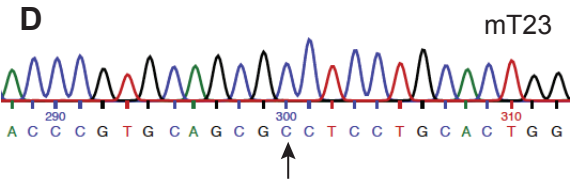
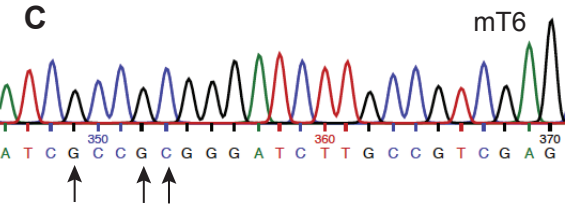
TRAF6
(Q238A; E239A)
TRAF2/3
(T255A)
Box2
(Q264A)

B

		mT6
mT23	GTC AAGAAACCAAAGGATAATGAGATCCTACCCCTGCGGCTCGACGGCAAGATCCCCAG	
mT6	GTC AAGAAACCAAAGGATAATGAGATCCTACCCCTGCGGCTCGACGGCAAGAT CCCGCG	
mTb2	GTC AAGAAACCAAAGGATAATGAGATCCTACCCCTGCGGCTCGACGGCAAGATCCCCAG	
mT23/6	GTC AAGAAACCAAAGGATAATGAGATCCTACCCCTGCGGCTCGACGGCAAGAT CCCGCG	
mT6/b2	GTC AAGAAACCAAAGGATAATGAGATCCTACCCCTGCGGCTCGACGGCAAGAT CCCGCG	
mT23/6/b2	GTC AAGAAACCAAAGGATAATGAGATCCTACCCCTGCGGCTCGACGGCAAGAT CCCGCG	
CD40WT	GTC AAGAAACCAAAGGATAATGAGATCCTACCCCTGCGGCTCGACGGCAAGATCCCCAG	

mT6		mT23
mT23	GAGATGGAAGATTATCCCGGTCATAACACCGCTGCT CCAGTGCAGGAGCGCGTGCACGGG	
mT6	GCGATGGAAGATTATCCCG GTCATAACACCGCTGCTCCAGTGCAGGAGACGCTGCACGGG	
mTb2	GAGATGGAAGATTATCCCGGTCATAACACCGCTGCTCCAGTGCAGGAGACGCTGCAC CGGG	
mT23/6	GCGATGGAAGATTATCCCG GTCATAACACCGCTGCTCCAGTGCAGGAG GCGCGTGCACGGG	
mTb6/b2	GCGATGGAAGATTATCCCG GTCATAACACCGCTGCTCCAGTGCAGGAGACGCTGCACGGG	
mT23/6/b2	GCGATGGAAGATTATCCCG GTCATAACACCGCTGCTCCAGTGCAGGAG GCGCGTGCACGGG	
CD40WT	GAGATGGAAGATTATCCCGGTCATAACACCGCTGCTCCAGTGCAGGAGACGCTGCACGGG	

	mTb2	
mT23	TGTCAGCCTGTCACACAGGAGGATGGTAAAGAGAGTCGCATCTCAGTGCAGGAGCGGCAG	
mT6	TGTCAGCCTGTCACACAGGAGGATGGTAAAGAGAGTCGCATCTCAGTGCAGGAGCGGCAG	
mTb2	TGTCAGCCTGTCACAGCGGAGGATGGT AAAGAGAGTCGCATCTCAGTGCAGGAGCGGCAG	
mT23/6	TGTCAGCCTGTCACACAGGAGGATGGTAAAGAGAGTCGCATCTCAGTGCAGGAGCGGCAG	
mT23/b2	TGTCAGCCTGTCACA GCGGAGGATGGT AAAGAGAGTCGCATCTCAGTGCAGGAGCGGCAG	
mT23/6/b2	TGTCAGCCTGTCACA GCGGAGGATGGT AAAGAGAGTCGCATCTCAGTGCAGGAGCGGCAG	
CD40WT	TGTCAGCCTGTCACACAGGAGGATGGTAAAGAGAGTCGCATCTCAGTGCAGGAGCGGCAG	



Flg S3