

Supplementary figure 1

Genomic DNA (Exon 2) of CD44

Target PAM

5' ATGGTCGCTACAGCATCTCTCGGACGGAGGCCGCTGA 3'

(a) Partial sequences of clones

WT: 5' ATGGTCGCTACAGCATCTCTCGGACGGAGGCCGCTGA 3'
Clone 1: 5' ATGGTCGCTACAGCATCTCTCGGACGGAGGCCGCTGA 3'
Clone 2: 5' ATGGTCGCTACAGCATCTCTCGGAC**CC**ACGGAGGCCGCTGA 3'
Clone 3: 5' ATGGTCGCTACAG-----GACG-----CTGA 3'
Clone 4: 5' ATGGTCGCTACAGCATCTCTCGGA**AA**CCGGAGGCCGCTGA 3'
Clone 5: 5' ATGGTCGCTACAGCATCTCTCGGA**GGG**CGGAGGCCGCTGA 3'
Clone 6: 5' ATGGTCGCTACAGCATCTCTCGGA**TT**CCGGAGGCCGCTGA 3'
Clone 7: 5' ATGGTCGCTACAGCATCTCTCGGA**CGGC**CGGAGGCCGCTGA 3'

(b) Predicted amino acid sequences

WT: 28-TCRFAGVFHVEKNGRYSISRTEAADLCKAFNSTLPTM
Clone 1: 28-TCRFAGVFHVEKNGRYSISRTEAADLCKAFNSTLPTM
Clone 2: 28-TCRFAGVFHVEKNGRYSISRT**T**EAADLCKAFNSTLPTM
Clone 3: 28-TCRFAGVFHVEKNGRY**RTLTSARLSIAPCPQWPRWRKL***
Clone 4: 28-TCRFAGVFHVEKNGRYSISR**K**PEAADLCKAFNSTLPTM
Clone 5: 28-TCRFAGVFHVEKNGRYSISR**RA**EAADLCKAFNSTLPTM
Clone 6: 28-TCRFAGVFHVEKNGRYSISR**I**PEAADLCKAFNSTLPTM
Clone 7: 28-TCRFAGVFHVEKNGRYSISRT**AGGR***