

*IGHV4-4*01 (DOI: 10.3389/fimmu.2020.603980)*

ERR2567259/IGHV4-4_07

ERR2567259/IGHV4-59_01

ERR2567259/IGHV4-61_01

ERR2567259/IGHV4-61_02_S0442

10	20	30	40	50
AATACTTTCTGAGAC	CTCA	TGGG	CCTCCTGCA	CAAGAACATGAAACACCTG
ATACTTTCTGAGAC	CTCA	TGGACCTCCTGCA	CAAGAACATGAAACACCTG	
	TACTTTCTGAGAGT	CCTGGACCTCCTGT	GCAAGAACATGAAACA	TCTG
	ATACTTTCTGAGAGT	CCTGGACCTCCTGT	GCAAGAACATGAAACACCTG	
	ACTTTCTGAGAGT	CCTGGACCTCCTGT	GCAAGAACATGAAACA	TCTG

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60	70	80	90
TGGTTCTTCCTCCTCCTGGTGGCAGCTCCCAGATGGGGTCCTGTCT			T
TGGTTCTTCCTCCTG	CTGGTGGCAGCTCCCAGATGGGGTCCTGTCC		
TGGTTCTTCCTT	CTCCTGGTGGCAGCTCCCAGATGGGGTCCTGTCC		
TGGTTCTTCCTCCTCCTGGTGGCAGCTCCCAGATGGGGTCCTGTCC			
TGGTTCTTCCTCCTCCTGGTGGCAGCTCCCAGATGGGGTCCTGTCC			