

In the article "The genomic structure of human Vβ6 T cell antigen receptor genes" by Y. Li, P. Szabo, and D. N. Posnett (December 1991, 174:1537), the legends to Figures 3 and 5 were accidentally omitted by the printer. The figures and legends appear below.

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1 Vb13.5 <leader > <intron >
2 Vb13.3 ATGAGaATCaGGCTCCTGTGCTGTGGCCFTTCTCTCCTGTGGGCAg GTAAGTCTGCA GGGCCC ATGNTaGATTTCAAGaCCCAGaGcTTCCATTGgGGCTGCAG
3 Vb13.2 ATGAGCtCGGGCTCCTGTGCTGTGGCCFTTCTCTCCTGTGGGCAa GTAAGTCTGCA GGGCCCCATGTGTGATTTCAAG CCCAGCCtGTTCCATTGtGGCTGCAG
4 Vb13.4 ATGAGCATCGGGCTCCTGTGCTGTGGCCFTTCTCTCCTGTGGGagG GTGGTCTGCGGGGCCCTTGTGTGATTTCAAGGCCATCCCCTTCCACTGGgGCTGAG
5 Vb13.1 ATGAGCATCGGcCTCCTGTGCTGTGeaGcCTTgTCTCTCCTGTGGGCAg GTGGTCTGCaGg CCCTTc GTG ATgTCAAGGCC ATCCCCTTCCACTGGgGCTGcAg

> <leader><V region
1 CATtGcTTTGTCTectTCTCTGTAG GTCCAGTGAATGCTGGgATCACcCAGgCaCCaAAcATctCAGaTCCTGgcaGcAGGACgGcGcATGACACTGagaTgTaCCCAGGATATGAgcATAAAtg
2 CATCAGCPTTGTCTCT TCTCTGCAG GTCCAGTGAATGCTGGTGTCACTCAGACCCCAAAATTCcAGTCTGAAAGACAGGACAGAGCATGACACTGCaGTGTGCCcAGGATATGAACcATAAcT
3 CATCAGCPTTGTCTCT TCTCTGCAG GTCCAGTGAATGCTGGTGTCACTCAGACCCCAAAATTCcGgGTCTGAAGACAGGACAGAGCATGACACTGCTGTGTGCCcAGGATATGAACcATGAAT
4 CATCAGCPTTGTCTCT TCTCTGCAG GTCCAGTGAATGCTGGTGTCACTCAGACCCCAAAATTCcAcaTCCTGAAGACAGGACAGAGCATGACACTGcAGTGTGTGCCcAGGATATGAACcATGgAT
5 GTCCAGTGAATGCTGGTGTCACTCAGACCCCAAAATTCcAggTCCTGAAGACAGGACAGAGCATGACACTGcAGTGTGTGCCcAGGATATGAACcATGAAT

1 CCATGTACTGGTATAGACAAGAtCtAGGAcTGGGgCTaAGGCTeATecATTATTCaAaTaCTGcaGGTACCCTGgCAAAGGAGAAGTCCCTgATGGtTAtAgTGTCTCCAGAgcAAACAcAgatGA
2 CCATGTACTGGTATCGACAAGACCCAGGcATGGGgCTaAGGCTGATtTATTACTCAGeTtCTGAGGGTACCCTGgCAAAGGAGAAGTCCcCaATGGCTCAATGTCTCCAGATTAACAAACcGgGA
3 ACATGTACTGGTATCGACAAGACCCAGGcATGGGgCTaAGGCTGATtTACTACTCAGTtTgTGAGGGTACaACTGcCAAAGGAGAAGTCCCTGATGGCTCAATGTCTCCAGATTAACAAACAGaA
4 ACTTGTCTGGTATCGACAAGACCCAGGcATGGGgCTaAGGCTGcATTCATtACTCAGTtTgTGCTGGTATCACTGCAAAAGGAGAAGTCCCGATGGCTCAATGTaTCCAGATTAACAAACAGAGGA
5 ACATGTCTGGTATCGACAAGACCCAGGcATGGGgCTaAGGCTgATTCATtACTCAGTtTgTGCTGGTATCACTGCAAAAGGAGAAGTCCcCaATGGCTCAATGTtTCCAGATTAACAAACAGAGGA

> 7mer 3mer
1 tTTCcCeTCACeGtTGGeGTctGCTGtAcCCCTcCAGACATCTGTACTTCTGTGCCAGCAGTGAeTCCACAGtGCTGCAcagCCaTCTCTCTCTGtACATAAAAG
2 gTTCtCGCTCAGGeTGGAGTCGGCTGCTCCCTCCAGACATCTGTACTTCTGTGCCAGCAGTGAagCCACAGeGCTGCAtGGCCGTCTCTCTCTGCAcAAAGG
3 TTTCctGCTggGgTGGAGTCGGCTGCTCCCTCCCAaACATCTGTACTTCTGTGCCAGCAGTtAcTCCACAGtGCTGCAcGGCTGTCTCTCTCTGCAcAAAGG
4 TTTCcCGCTCAGGCTGGAGTcagCTGCTCCCTCCAGACATCTGTACTTCTGTGCCAGCAGTtAcTCCACAGeGCTGCAcGGCTGTCTCTCTCTGCAcAAAGG
5 TTTCcCGCTCAGGCTGctGTCgCTGCTCCCTCCAGACATCTGTACTTCTGTGCCAGCAGT

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Figure 3. Genomic sequences of Vβ13 genes. The sequences were obtained from the clones in Fig. 1, except for the Vβ13.1 sequence, derived from a cDNA clone (CEM-1), which is included for comparison (22). See also legend to Fig. 2.

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Vb6.5 MALCLLADhadTcVsqNPRHKITKRQNVTFRCDPtSEHNRLYWYRQtlGQGPEFLTYFQNEAOLEKStLLSDRfSAERPkgS1STLEIQRTEQGDsAMYLCASS
Vb6.8 MCTsLLCWMLCLLADqeIsGVShNPRHKITKRQNVTFRCDPtSEHNRLYWYRQnpGGPEFLTYFQNEAOLEKSGLLSDRfSAERPkgS1STLEIQRTEQGDsAMYLCASS
Vb6.3 MGTRLLCwvLgflGtDHTGAGVSQsPryKVaKRQdVaLRCDPISGHvsLfwYqQaLGGPEFLTYFQNEAOLEKSLPDRFFAERPEGSVSTLKIQRtQgDSAVYLCASS
Vb6.1 MGTRLLCwALCLLADHTGAGVSQtPSNKVTEKgyVELRCDPISGHtALYWYRQSLGQGEFLTYFQGTgAAdDSSGLPnDRFFAvRPEGSVSTLKIQRtQgDSAVYLCASS
Vb6.7a MGTRLLfwAifCLLADHTGAGVSQSPSNKVTEKgdVELRCDPISGHtALYWYRQSLGQGLEFLTYFQGsApDKSGLPsDRFSAeRtgGSVSTLTIQRtQgDSAVYLCASS
Vb6.10 MGTRLLCwAiCLLADHTGAGVSQSLrhKvakKGDVaLRyDPISGHnALYWYRQSLGQGLEFPtYFQkdAaDKSGLPrDRFSAgRseGS1STLkfQRtQgDlAVYLCASS
-----leader-----1 10 20 30 40 50 60 70 80 90

Percent homology matrix
Vb6.5 Vb6.8 Vb6.3 Vb6.1 Vb6.7a Vb6.10
Vb6.5 90.6 70.8 66.0 65.1 62.3
Vb6.8 68.4 62.3 61.4 62.3
Vb6.3 72.8 73.7 71.1
Vb6.1 83.3 78.1
Vb6.7a 78.9

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Figure 5. Vβ6 protein sequences. Amino acid sequences are given in the single-letter code for sequences derived from the genomic clones shown in Fig. 1 and for Vβ6.5, clone HBVT116 (5); and Vβ6.8, clone Ph22 (4). The numbering and the locations of the CDR1 and CDR2 regions have been previously described (8, 38). Residues conserved in Vβ gene products are indicated (*), and residues conserved in Vβ subgroups (38) are indicated (#). Note the absence of a cysteine at position 23 in the Vβ6.10 sequence.