

In the article "Increased frequency of T cell receptor V α 12.1 expression on CD8⁺ T cells: evidence that V α participates in shaping the peripheral T cell repertoire" by H. DerSimonian, H. Band, and M. B. Brenner (September 1991, 174:639), Figure 3 B was accidentally omitted. The complete Figure 3 is shown below.

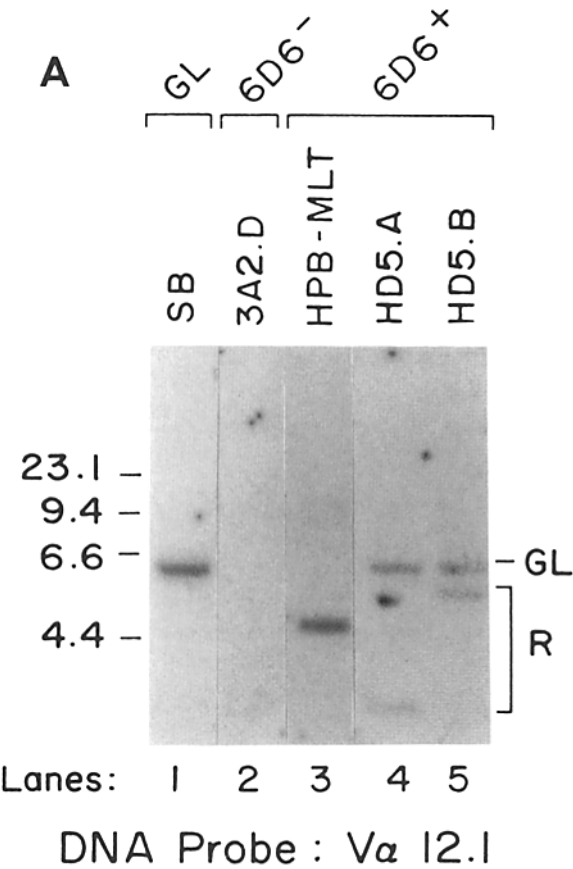


Figure 3. V α 12.1 gene segment encodes the determinant recognized by mAb 6D6. (A) 6D6⁺ T cells contained different V α 12.1 gene rearrangements. DNA from 6D6⁺ T cell clones HD5.A (lane 4) and HD5.B (lane 5), T cell leukemia cell line HPB-MLT (lane 3), and the 6D6⁻ T cell clone 3A2.D were digested with BamHI and analyzed by Southern hybridization using a V α 12.1-specific probe. Germline configuration (GL) for V α 12.1 gene was seen as a 6.3-kb fragment in the B cell line, SB (lane 1). While both V α 12.1 alleles in 3A2.D T cell clone were deleted, DNA from HD5.A, HD5.B, and HPB-MLT showed distinct V α 12.1 rearrangements (R). (B) Partial nucleic acid sequences of HB5.A, HD5.B, and HPB-MLT (24) TCR α chain transcripts showed in-frame V α 12.1 gene rearrangements with different J α gene segments (JA30, Q, and A). cDNA sequences for HD5.A and HD5.B TCR α chain transcripts were generated by PCR using V α 12.1- and C α -specific primers as described in Materials and Methods.

B

V α 12.1-Sequence		J α -Sequence	C α -Sequence
		(JaA)	
HPB-MLT	:TGTGCTCTG	GACAGCAGTGCTTCCAAGATAATCTTTGGATCAGGGACCAGACTCAGCATCCGGCCAA	ATATCCAGAACCC
		(JaJA30)	
HD5.A	:-----AGTGA	AGAAACCAGTGGCTCTAGGTTGACCTTTGGGAAGGAACACAGCTCACAGTGAATCCTG	-----
		(JaQ)	
HD5.B	:-----AGTGA	GGAGGTAAGAGGCTCAACCTGGGGAGGCTATACTTTGGAAGAGGAACCTCAGTTGACTGTCTGGCCTG	-----