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DENV1

GTS1SP

	TRBV	CDR3	TRBJ	Freq (%)
1-1166	12-3/4	CASSLGSYEQY	2-7	18.31
	11-2	CASSLVGGTPSYNEQF	2-1	15.49
	11-2	CASSLFAGGPDTQY	2-3	11.27
	12-3/4	CASSWGAAEAF	1-1	11.27
	12-3/4	CASSLGLPTLY	2-3	9.86
	11-2	CASSLVIPTGWRDNEQF	2-1	5.63
	7-3	CASSLNSGSAGELF	2-2	5.63
	5-5	CASSRHGSGVDQPQH	1-5	4.23
	11-2	CASSLAVGGYEQY	2-7	2.82
	12-3/4	CASSPGTLYGYT	1-2	2.82
	12-3/4	CASSLGNNEQF	2-1	2.82
	11-2	CASSLVFAGGTSTDTQY	2-3	1.41
	11-2	CASSLVFAGGISTDTQY	2-3	1.41
	5-5	CASSRHGPGVDQPQH	1-5	1.41
	12-3/4	CASSFFPGSGETQY	2-5	1.41
	11-2	CASTRGGGGYEQY	2-7	1.41
	12-3/4	CASSWGSDTQY	2-3	1.41
	12-3/4	CASSLGAGELF	2-2	1.41

	TRBV	CDR3	TRBJ	Freq (%)
1-2528	12-3/4	CASSPGTAEAF	1-1	28.95
	12-3/4	CASSWGSYEQF	2-1	23.68
	12-3/4	CASSLGGKYSF	2-1	18.42
	12-3/4	CASSPGTDEAF	1-1	15.79
	7-8	CASSLTAGTQETQY	2-5	11.84
	12-3/4	CASSSGSYEQF	2-1	1.32

	TRBV	CDR3	TRBJ	Freq (%)
2-0600	11-2	CASSLAGGGAYEQY	2-7	38.20
	12-3/4	CASSIGVETQY	2-5	28.09
	12-3/4	CASSPGTLHGYT	1-2	19.10
	11-2	CASSQGGGNYEQY	2-7	13.48
	12-3/4	CASSPGTGELF	2-2	1.12

	TRBV	CDR3	TRBJ	Freq (%)
2-2781	12-3/4	CASNLGTEETQY	2-5	11.94
	11-2	CASSLGPDNEQF	2-1	10.45
	12-3/4	CASSPGVEKLF	1-4	7.46
	12-3/4	CASSLGVPEAF	1-1	7.46
	11-2	CASTPLWGDQETQY	2-5	5.97
	11-2	CASSLGYQGYEQF	2-1	5.97
	12-3/4	CASSSGSYEQY	2-7	5.97
	11-2	CASSLGSAEAF	1-1	5.97
	11-2	CASSLAVRSSYNEQF	2-1	4.48
	12-5	CASGSPGQESYEQY	2-7	4.48
	12-3/4	CASSPGANGYT	1-2	4.48
	7-3	CASSLRLRLAGALRNYEQY	2-7	2.99
	11-2	CASSLGGGSGRVMGYEQF	2-1	2.99
	11-2	CASSLGQGAYEQY	2-7	2.99
	27	CASSPSEATNTGELF	2-2	1.49
	11-2	CASSLGAGTADFGYT	1-2	1.49
	12-3/4	CASSQIAGGTDTQY	2-3	1.49
	12-3/4	CASSFTGSSYEQY	2-7	1.49
	11-2	CASNLGGGEGDQY	2-5	1.49
	11-2	CASSLGTGATEAF	1-1	1.49
	6-1	CASSVYTGTGEAF	1-1	1.49
	12-3/4	CASSLGTENTIY	1-3	1.49
	12-3/4	CASSLGGAEAFF	1-1	1.49
	12-3/4	CASSPGAGELF	2-2	1.49
	12-3/4	CASNPGAGELF	2-2	1.49

	TRBV	CDR3	TRBJ	Freq (%)
1-2368	12-3/4	CASTPGLWNTEAF	1-1	43.55
	12-3/4	CASSPGTEHGYT	1-2	19.35
	12-3/4	CASGLGSYEQY	2-7	14.52
	3-1	CASSGGTSFREQF	2-1	6.45
	12-3/4	CASSPGGARAF	1-1	6.45
	12-3/4	CASSRGSGELF	2-2	3.23
	12-3/4	CASSPGSHEAF	1-1	3.23
	20-1	CSATMGGTDQPQH	1-5	1.61
	12-3/4	CASNPGSYEQY	2-7	1.61

DENV1/DENV2

GTS1SP

	TRBV	CDR3	TRBJ	Freq (%)
2-1452	9	CASSRGSAETQY	2-5	45.12
	11-2	CASSFGGGAQETQY	2-5	41.46
	11-2	CASSLGPEDTQY	2-3	13.41

Supplementary Figure 1 TRBV and TRBJ usage, CDR3β amino acid sequence, and clonotype frequency are shown for $CD3^{+}CD8^{+}CD14^{-}CD19^{-}$ HLA-A*11:01-GTS1 tetramer^{+} populations isolated from patients with primary DENV1 infection or sequential DENV1/DENV2 infections. Recurrent clonotypes are highlighted in color. SP, single positive.