

**Supplemental Table 5 – Number of T cells per excluded clonotype (per 100,000 cells) by treatment day in Mel53**

Patient	TCR Sequence	Day 1	Day 22 (-Imiquimod)	Day 22 (+Imiquimod)	Day 43
6	ATCAATTCCTGGAGCTTGGTGACTCTGCTGTGTATTCTGTGCCAGCAG CCTCACGGTAACTAATGAAAACTGTTTTTGGCAGT	290.360	0.0	123.365	236.593
	ACCCTGCAGCCAGAAGACTCGGCCCTGTATCTGTGCCAGCAGCCAAG ATTCGGGACAGGGGGGCACTGAAGCTTCTTTGGACAA	174.216	0.0	257.697	236.593
	TCCCTGGAGCTTGGTGACTCTGCTGTGTATTCTGTGCCAGCAGCCGCCT ATCCAGATCCAATCTAGGAGGCTACACCTTCGGTTCTG	406.504	0.0	227.541	157.729
	NNNNTGTCGGCTGCTCCCTCCCAGACATCTGTGTACTTCTGTGCCAGCA GTGGGCGGGCCGATTACAATGAGCAGTTCTTCGGGCCA	174.216	0.0	189.160	78.864
	NNNNNNNNNTGTCGGCTGCTCCCTCCCAAACATCTGTGTACTTCTGT GCCAGCAGCACCTCCAATCAGCCCCAGCATTTTGGTGAT	58.072	0.0	49.346	78.864
	GCGTCTGCTGTACCCTCTCAGACATCTGTGTACTTCTGTGCCAGCAGTGA GTCAGGGGGTGGCAATCAGCCCCAGCATTTTGGTGAT	348.432	0.0	3692.738	1025.237
	ATCCGCTCACCAGGCCTGGGGGACGAGCCATGTACCTGTGTGCCACCA GCATGAAGGGCGAGAATTCACCCCTCACTTTGGGAAC	58.072	0.0	30.156	78.864
	NNNNNNNTGTCGGCTGCTCCCTCCCAGACATCTGTGTACTTCTGTGCCA GCACCTTAGATCGGAACACTGAAGCTTCTTTGGACAA	58.072	0.0	41.122	0.0
	GCCCATCCTGAAGACAGCAGCTTCTACATCTGCAGTGCTAGAGCTCAGG AAGGTTCTGAACCTACAATGAGCAGTTCTTCGGGCCA	58.072	0.0	38.380	0.0