

Supplemental Table 6 – Number of T cells per clonotype (per 100,000 cells) by treatment day in Mel51

Patient	TCR Sequence	Day 1	Day 22	Day 24 (-IFN γ)	Day 24 (+IFN γ)
1	TTGGCGTCTGCTGTACCCTCTCAGACATCTGTGTACTTCTGTGCCAGCAGTGATC TGAGACAGGGTGGAGGCTACACCTTCGGTTCG	0.0	0.0	-	1.171
	TCTGCTGTACCCTCTCAGACATCTGTGTACTTCTGTGCCAGCAGTGACTCTCGCC AGGGGCTCAATTCACCCCTCCACTTTGGGAAC	0.0	0.0	-	1.757
	TCTGCTGTACCCTCTCAGACATCTGTGTACTTCTGTGCCAGCAGTGACTCGAGAC AGGGGTAAATTCACCCCTCCACTTTGGGAAC	0.0	0.0	-	1.757
	TCTGCCATCCCCAACCCAGACAGCTCTTACTTCTGTGCCACCAGTGATTTGCCTG GACAGCAGTCTACGAGCAGTACTTCGGGCCG	0.0	0.0	-	0.586
	TCTCTGGAGCTGGGGGACTCAGCTTTGTATTTCTGTGCCAGCAGCGTATCTTCGG GACTAGAGACCGGGGAGCTGTTTTTGGAGAA	0.0	0.0	-	17.571
	TCGGCTGCTCCCTCCCAGACATCTGTGTACTTCTGTGCCAGCAGTTACTCGTCGA ACAGCGGACTCTACGAGCAGTACTTCGGGCCG	0.0	0.0	-	1.171
	TCGGCCAAAAGAACCCGACAGCTTTCTATCTGTGCCAGTAAACTAACTGGAC AGGGGCTTAACTATGGCTACACCTTCGGTTCG	0.0	0.0	-	164.582
	TCCACAAAGCTGGAGGACTCAGCCATGTACTTCTGTGCCAGCAGTTGCCCGGG ACAGGCAACAATCAGCCCCAGCATTTTGGTGAT	0.0	0.0	-	6.443
	TCCACAAAGCTGGAGGACTCAGCCATGTACTTCTGTGCCAGCAGTCTACCCGGG ACGGGGGGCAATCAGCCCCAGCATTTTGGTGAT	0.0	0.0	-	4.685
	TCAGAACCCAGGGACTCAGCTGTGTACTTCTGTGCCAGCGTCTCGGGTCTTTGGT CTGGGGGCGATCAGCCCCAGCATTTTGGTGAT	0.0	0.0	-	2.343
	NTGTCGGCTGCTCCCTCCCAGACATCTGTGTACTTCTGTGCCAGCAGTACTCCA GGACAGGGGACACTGAAGCTTTCTTTGGACAA	0.0	0.0	-	50.956
	NTGTCGGCTGCTCCCTCCCAGACATCTGTGTACTTCTGTGCCAGCAGTACTCAC GGACAGGGGATGGAAAAGTGTCTTTTGGCAGT	0.0	0.0	-	5.857
	NTGTCGGCTGCTCCCTCCCAGACATCTGTGTACTTCTGTGCCAGCAGTGCCAGTT CGGGCCATAATTCACCCCTCCACTTTGGGAAC	0.0	0.0	-	0.586
	NNNNNNNTGTCGGCTGCTCCCTCCCAGACATCTGTGTACTTCTGTGCCAGCAGT GAAGTTACAGGGGAAGGCTACACCTTCGGTTCG	0.0	0.0	-	2.343
	NNNNNNNTGTCGGCTGCTCCCTCCCAGACATCTGTGTACTTCTGTGCCAGCAGT GAAGGGGGGACTATGGCTACACCTTCGGTTCG	0.0	0.0	-	4.100
	NNNNNNNTGTCGGCTGCTCCCTCCCAGACATCTGTGTACTTCTGTGCCAGCAGT	0.0	0.0	-	1.757

CGGCCACAAAACACTGAAGCTTCTTTGGACAA					
NNNNNNNTGTCGGCTGCTCCCTCCCAGACATCTGTACTTCTGTGCCAGCAGT CAAGGGGAGGAGAATGGCTACACCTTCGGTTTCG	0.0	0.0	-	0.586	
NNNNNNNTGTCGGCTGCTCCCTCCCAGACATCTGTACTTCTGTGCCAGCAGG CAGGGAGCATCGGGACAGCAGTACTTCGGGCCG	0.0	0.0	-	1.171	
NNNNNNNTGTCGGCTGCTCCCTCCCAGACATCTGTACTTCTGTGCCACCCGT GGAGGTTCCCTGGGGGGCTACACCTTCGGTTTCG	0.0	0.0	-	1.171	
NNNNNNNTGTCGGCTGCTCCCTCCCAAACATCTGTACTTCTGTGCCAGCGGA CAGGCTTCAATCAGCCCCAGCATTGTTGGTGAT	0.0	0.0	-	1.757	
NNNNNNNNNNNNNTGTCGGCTGCTCCCTCCCAGACATCTGTACTTCTGTGC CAGCGGGCAGGGCCACGAGCAGTACTTCGGGCCG	0.0	0.0	-	2.929	
NNNNNNNNNNNNNTGTCGGCTGCTCCCTCCCAGACATCTGTACTTCTGTGC CAGCAGTCATGGGACAATAGCTTCTTTGGACAA	0.0	0.0	-	0.586	
NNNNNNNNNNNNNTGTCGGCTGCTCCCTCCCAGACATCTGTACTTCTGTGC CAGCAGCCAAGGGGACGAGCAGTACTTCGGGCCG	0.0	0.0	-	0.586	
NNNNNNNNNNNNNTGTCGGCTGCTCCCTCCCAAACATCTGTACTTCTGTGC CAGCACCAACTCCTACGAGCAGTACTTCGGGCCG	0.0	0.0	-	0.586	
NCTCTGAAGATCCGGTCCACAAAGCTGGAGGACTCAGCCATGTACTTCTGTGCC AGTAGTTTCTCTACGAGCAGTACTTCGGGCCG	0.0	0.0	-	12.885	
GTGAGCACCTTGGAGCTGGGGGACTCGGCCCTTATCTTTGCGCCAGCAGCGCG GGGACTATTAACACGAGCAGTACTTCGGGCCG	0.0	0.0	-	2.929	
GTGACCAGTCCCACCTGAAGACAGCAGCTTCTACATCTGCAGTGCTAGAGAA AGGGGCGGTTACTACGAGCAGTACTTCGGGCCG	0.0	0.0	-	0.586	
GTGACATCGGCCAAAAGAACCCGACAGCTTCTATCTGTGCCAGTAGTATG GGACCGGGACAACCTGGCTACACCTTCGGTTTCG	0.0	0.0	-	21.085	
GTGAACGCCTTGTTGCTGGGGGACTCGGCCCTATCTGTGCCAGCAGCTTG GCCGGGACAGGGGCTGAAGCTTCTTTGGACAA	0.0	0.0	-	28.699	
GTGAACGCCTTGGAGCTGGACGACTCGGCCCTGTATCTGTGCCAGCAGCACA GTGGGCTCTGGAAACACCATATATTTGGAGAG	0.0	0.0	-	8.200	
GCCCTGCAGCCAGAAGACTCAGCCCTGTATCTGTGCCAGCAGCCAAGCCAGA CTACAGAGTGAATGGCTACACCTTCGGTTTCG	0.0	0.0	-	0.586	
GCCATCCTGAAGACAGCAGCTTCTACATCTGCAGTGCTCCATCAACCCGGGA CTAGCGGGCCGATATGAGCAGTTCTTCGGGCCA	0.0	0.0	-	0.586	
GAGATCCAGCGCACAGAGCAGGGGACTCGGCCATGTATCTGTGCCAGCAG	0.0	0.0	-	0.586	

CCGTTTCGACAGTAAGCTTTCTTTGGACAA				
CTTCTCAGTACTCTGGCTTCTATCTCTGTGCCTGGAGTGTTCAGGGACAGGG GATTTTCTTACTATGGCTACACCTTCGGTTTCG	0.0	0.0	-	1.171
CTGGGGGACTCGGCCCTCTATCTCTGTGCCAGCAGCTTGGATAGATACCCCTAT GTGGCTAACACCGGGGAGCTGTTTTTTGGAGAA	0.0	0.0	-	32.213
CTGGAGTCGCCCAGCCCCAACCAGACCTCTCTGTACTTCTGTGCCAGCAGTTTAT GGACAAGTAATTCACCCCTCCACTTTGGGAAC	0.0	0.0	-	108.941
CTGGAGTCGCCCAGCCCCAACCAGACCTCTCTGTACTTCTGTGCCAGCAGGACG GGTTCGGAGAATTCACCCCTCCACTTTGGGAAC	0.0	0.0	-	0.586
CTGGAGCTGGGGGACTCAGCTTTGATTTCTGTGCCAGCAGCGAATTGACAGGC TGGTCGGTCACAGATACGCAGTATTTTGGCCCA	0.0	0.0	-	542.361
CTGCAGCCAGAAGACTCAGCCCTGTATCTCTGTGCCAGCAGCCAAGAAGGGGGCT GAGGACTCTGGAAACACCATATATTTTGGAGAG	0.0	0.0	-	0.586
CTGATCCTGGAGTCGCCCAGCCCCAACCAGACCTCTCTGTACTTCTGTGCCAGTG CCAGGACAGGACATGGCTACACCTTCGGTTTCG	0.0	0.0	-	3.514
CTGAGCTCTCTGGAGCTGGGGGACTCAGCTTTGATTTCTGTGCCAGCAGCCCC GGGGGGGAGGGCTACGAGCAGTACTTCGGGCCG	0.0	0.0	-	7.028
CTGAGCTCTCTGGAGCTGGGGGACTCAGCTTTGATTTCTGTGCCAGCAGCCCAT CAGGGGGAAGTCAGCCCCAGCATTTCGGTGAT	0.0	0.0	-	3.514
CTCACTGTGACATCGGCCAAAAGAACCCGACAGCTTTCTATCTCTGTGCCAGTG GCTTGGGGCTGGAGCCCCAGCATTTCGGTGAT	0.0	0.0	-	20.500
CGGTCCACAAAGCTGGAGGACTCAGCCATGTACTTCTGTGCCAGCAGTTTTCTA GGGACGGCGGGCACTGAAGCTTTCTTTGGACAA	0.0	0.0	-	33.385
CGGTCCACAAAGCTGGAGGACTCAGCCATGTACTTCTGTGCCAGCAGGGGGAC AGGGTCCCCAATCAGCCCCAGCATTTCGGTGAT	0.0	0.0	-	0.586
CGGTCCACAAAGCTGGAGGACTCAGCCATGTACTTCTGTGCCAGCAGAGACAG GGTCGCCTATAATTCACCCCTCCACTTTGGGAAC	0.0	0.0	-	6.443
CCTGCAAAGCTTGAGGACTCGGCCGTGTATCTCTGTGCCAGCAGCCCCCTAGCG GGCGAGGTGAACACTGAAGCTTTCTTTGGACAA	0.0	0.0	-	0.586
CAGCCCTCAGAACCAGGGGACTCAGCTGTGTACTTCTGTGCCAGCAGCCCCCTCA GACAGGGGAGGGTATGGCTACACCTTCGGTTTCG	0.0	0.0	-	0.586
CACATCAATTCCTGGAGCTTGGTACTCTGCTGTGTATTTCTGTGCCAGCAGCC AAGGGGCCAAGGCTTCTCAGCATTTCGGTGAT	0.0	0.0	-	0.586
CAAAAGAACCCGACAGCTTTCTATCTCTGTGCCAGTAGTACTTTTACGGGACAG	0.0	0.0	-	0.586

AGATCACCATAGATGGCTACACCTTCGGTTCG				
CAAAAGAACCCGACAGCTTTCTATCTCTGTGCCAGTACCCGGGCAACCCTCGACT CCTTGAGCTCCTACGAGCAGTACTTCGGGCCG	0.0	0.0	-	0.586
ATGAGCTCCTTGGAGCTGGGGGACTCAGCCCTGTACTTCTGTGCCAGCAGTTGG GGCAGGGGCGAGTACGAGCAGTACTTCGGGCCG	0.0	0.0	-	2.929
ATCCTGAGGATCCAGCAGGTAGTGCAGGAGATTCCGGCAGCTTATTTCTGTGCC AGCTCACGTGGAGATACGCAGTATTTGGCCCA	0.0	0.0	-	10.543
ATCAATTCCTGGAGCTTGGTGACTCTGCTGTGTATTTCTGTGCCAGCAGCCCCG GCGCGGTTCACTACGAGCAGTACTTCGGGCCG	0.0	0.0	-	1.757
ATCAATTCCTGGAGCTTGGTGACTCTGCTGTGTATTTCTGTGCCAGCAGCCCAG GAGCCAGAGACTACGAGCAGTACTTCGGGCCG	0.0	0.0	-	29.285
AGTTCTAAGAAGCTCCTTCTCAGTGACTCTGGCTTCTATCTCTGTGCCTGGAGTA GGGGGAGAATCAGCCCCAGCATTTTGGTGAT	0.0	0.0	-	2.343
AGGATCCAGCAGGTAGTGCAGGAGATTCCGGCAGCTTATTTCTGTGCCAGCTCA CCACCGTCATCCTACGAGCAGTACTTCGGGCCG	0.0	0.0	-	9.957
AGCTCCTTGGAGCTGGGGGACTCAGCCCTGTACTTCTGTGCCAGCAGCGACATA GTGGCCAACACAGATACGCAGTATTTGGCCCA	0.0	0.0	-	1.757
ACTGTGACATCGGCCCAAAAGAACCCGACAGCTTTCTATCTCTGTGCCACCCGAC AGGTGGATAATTACCCCTCCACTTTGGGAAC	0.0	0.0	-	4.100
ACCTTGGAGCTGGGGGACTCGGCCCTTATCTTTGCGCCAGCAGCTTGTCAG ACGGCGAATAATTACCCCTCCACTTTGGGAAC	0.0	0.0	-	2.929
ACATCGGCCCAAAAGAACCCGACAGCTTTCTATCTCTGTGCCAGTAGTATCGGTC ACACCCAAAATATGGCTACACCTTCGGTTCG	0.0	0.0	-	0.586
ACATCGGCCCAAAAGAACCCGACAGCTTTCTATCTCTGTGCCAGTAGTATTTG GACAGGGAGATGAAAACTGTTTTTGGCAGT	0.0	0.0	-	0.586
ACATCGGCCCAAAAGAACCCGACAGCTTTCTATCTCTGTGCCAGTAGTACTACTA GCGGTTCTACAATGAGCAGTTCTTCGGGCCA	0.0	0.0	-	576.917
ACAGTGACCAGTGCCCATCTGAAGACAGCAGCTTCTACATCTGCAGTGCTTCC GGGACAAACAATCAGCCCCAGCATTTTGGTGAT	0.0	0.0	-	1.171
ACAGTGACCAGTGCCCATCTGAAGACAGCAGCTTCTACATCTGCAGTGCTAGC CGGGACGACCCCTACGAGCAGTACTTCGGGCCG	0.0	0.0	-	1.757
ACAGAGCAGGGGGACTCGGCCATGTATCTCTGTGCCAGCAGCGACAAATACCCT CTGGACTATAATTACCCCTCCACTTTGGGAAC	0.0	0.0	-	0.586
AATGTGAGCACCTTGGAGCTGGGGGACTCGGCCCTTATCTTTGCGCCAGCAGC	0.0	0.0	-	1.171

	TTGTCAGCAGATTACGAGCAGTACTTCGGGCCG				
	AAGATCCGGTCCACAAAGCTGGAGGACTCAGCCATGTACTTCTGTGCCAGGGG GCGAGGGACTCAGTACGAGCAGTACTTCGGGCCG	0.0	0.0	-	2.343
	AAGATCCGGTCCACAAAGCTGGAGGACTCAGCCATGTACTTCTGTGCCAGCAGG GTGGGACCCCTAACACCATATATTTTGGAGAG	0.0	0.0	-	5.271
	AAGATCCGGTCCACAAAGCTGGAGGACTCAGCCATGTACTTCTGTGCCAGCAGC TGGGACAGCCAAAATGAAGCTTCTTTGGACAA	0.0	0.0	-	484.962
	AAGATCCGGTCCACAAAGCTGGAGGACTCAGCCATGTACTTCTGTGCCAGCAAA CCCGGGGTGAACACTGAAGCTTCTTTGGACAA	0.0	0.0	-	0.586
	AAGAACCCGACAGCTTCTATCTCTGTGCCAGTAGTATTTTCTTCGGACTTGAGG AGAGCTCTGGAAAACCATATATTTTGGAGAG	0.0	0.0	-	2.343
	AACCTGAGCTCTCTGGAGCTGGGGGACTCAGCTTGTATTTCTGTGCCAGCAGC GTAGGACAGCTGTACGAGCAGTACTTCGGGCCG	0.0	0.0	-	3.514
	AACCCGACAGCTTCTATCTCTGTGCCAGTAGTATCTGGGCCCGTTGGAAACA GGGACCGACACCGGGGAGCTGTTTTTGGAGAA	0.0	0.0	-	0.586
	AAGGTGCAGCTGCAGAAGCTGGAGGATTCTGGAGTTTATTTCTGTGCCAGCAGC CAGTACCGGGGGGACCCAGTACTTCGGGCCA	0.0	472.813	175.233	153.266
	GTGACCAGTGCCCATCCTGAAGACAGCAGCTTCTACATCTGCAGTGCCGAGGTG GACAGCCCCACAGATACGCAGTATTTTGGGCCA	0.0	709.220	292.056	589.484
	CAGCGCACAGAGCAGGAGGACTCGGCCGTGTATCTCTGTGCCAGCAGCTTCTG ACTAGCGGCACAGATACGCAGTATTTTGGGCCA	0.0	0.0	175.234	294.742
	NTGTCGGCTGCTCCCTCCAAACATCTGTGTACTTCTGTGCCAGCAGTTCCCCC GGGATGGATCCTACGAGCAGTACTTCGGGCCG	0.0	0.0	0.0	11.790
2	NNNNTGTCGGCTGCTCCCTCCAGACATCTGTGTACTTCTGTGCCAGCAGTGCC GACAGTGCCAATCAGCCCCAGCATTTTGGTGAT	0.0	0.0	0.0	11.790
	GTGACCAGTGCCCATCCTGAAGACAGCAGCTTCTACATCTGCAGTGCAAAACAG GGAATTAGCAATCAGCCCCAGCATTTTGGTGAT	0.0	0.0	116.822	165.055
	GCCATCCTGAAGACAGCAGCTTCTACATCTGCAGTGTTACCGGGACTAGCGGG ACGAGGAGCTCCTACGAGCAGTACTTCGGGCCG	0.0	0.0	0.0	35.369
	ACCAGTGCCATCCTGAAGACAGCAGCTTCTACATCTGCAGTGCTAGAGATCTG TGGGGGTTTAGGAACGAGCAGTACTTCGGGCCG	0.0	0.0	0.0	11.790
	AAGCTTGAGGACTCGGCCGTGTATCTCTGTGCCAGCAGCCCCCAATCCGCTGGG GAAAGATATAATTACCCCTCCACTTTGGGAAC	0.0	0.0	58.411	35.369
	GAGTCCGCCAGCACCAACCAGACATCTATGTACCTCTGTGCCAGCACCAGGGGG	0.0	0.0	0.0	11.790

	TCAAGCTCTACAATGAGCAGTTCTTCGGGCCA				
	ATCCAGCCTGCAAAGCTTGAGGACTCGGCCGTGTATCTCTGTGCCAGCAGCCCCG CAGATCGTAGGAAACACCATATATTTTGGAGAG	0.0	0.0	0.0	11.790
3	TTGGCTGCTCCCTCCCAGACATCTGTGTAATTCTGTGCCAGCAGTTGGGACAGG GGGCGAGTCAACTATGGCTACACCTTCGGTTCG	0.0	19.264	-	3.775
	TCGGCTGCTCCCTCCCAGACATCTGTGTAATTCTGTGCCAGCAGTTAGGGCCTC TAGCGGGGCAAGAGACCCAGTACTTCGGGCCA	0.0	19.264	-	7.549
	NTGTCGGCTGCTCCCTCCAAACATCTGTGTAATTCTGTGCCAGCACCGAAGGG GGGTTTGTTCGAGGGACCCAGTACTTCGGGCCA	0.0	19.264	-	3.775
	GTGAGCACCTTGAGCTGGGGGACTCGGCCCTTATCTTTCGCGCCAGCAGCTTG GAAGAATCCCTCAGTGAGCAGTTCTTCGGGCCA	0.0	19.264	-	11.324
	GTGACCAGTGCCATCCTGAAGACAGCAGCTTCTACATCTGCAGTGCTTGGCCT AGCGGAAGCTCCTACGAGCAGTACTTCGGGCCG	0.0	19.264	-	7.549
	GAACCCAGGGACTCAGCTGTGTAATTCTGTGCCAGCAGTTAAGCCTAGGGACA GGTCGTAGCACCGGGGAGCTGTTTTTGGAGAA	0.0	19.264	-	26.423
	CTGATTCTGGAGTCCGCCAGCACCAACCAGACATCTATGTACCTCTGTGCCAGCA GTTTAGGTTACTACGAGCAGTACTTCGGGCCG	0.0	38.528	-	26.423
	CGGTCCAAAGCTGGAGGACTCAGCATGTACTTCTGTGCCAGCAGTGATACA GGGGGCTTACAATGAGCAGTTCTTCGGGCCA	0.0	38.528	-	3.775
	CCCTCAGAACCAGGGACTCAGCTGTGTAATTCTGTGCCAGCAGTTTTGCGCGTA TTGCGAGCACCGGGGAGCTGTTTTTGGAGAA	0.0	19.264	-	18.874
	CCCTCAGAACCAGGGACTCAGCTGTGTAATTCTGTGCCAGCAGTAACCCGGGA CAGGGGGCTGGTGGCATTCACTACTTCGGCGCC	0.0	19.264	-	22.648
	CATCTGAAGACAGCAGCTTCTACATCTGCAGTGCTAGGGAGATTGGGACAGG GCTTAGCTCCTACAATGAGCAGTTCTTCGGGCCA	0.0	19.264	-	18.874
	CAGCGCACAGAGCAGGGGGACTCGGCCATGTATCTCTGTGCCAGCAGCTTTAG GACTAGCGGTGCCTACGAGCAGTACTTCGGGCCG	0.0	19.264	-	7.549
	CAGCCCTCAGAACCAGGGACTCAGCTGTGTAATTCTGTGCCAGCAGTTTAGCG ACGGGAAGACATCAGCCCCAGATTTTGGTGAT	0.0	38.528	-	11.324
	CAGCAGGTAGTGCGAGGAGATTCCGGCAGCTATTTCTGTGCCAGCTCGCTCAAA GAAAGGACAGTCGAGGAGCAGTACTTCGGGCCG	0.0	19.264	-	11.324
	ATCCAGCCTGCAGAGCTTGGGGACTCGGCCGTGTATCTCTGTGCCAGCAGCTTA GACGTGAAAGGCTTGAAGCTTCTTGGACAA	0.0	19.264	-	26.423
	AGGATCCAGCAGGTAGTGCGAGGAGATTCCGGCAGCTATTTCTGTGCCAGCTCC	0.0	19.263	-	22.648

CTCAAACAGGGAGCTGAAGCTTTCTTTGGACAA				
AGCACCTTGGAGCTGGGGGACTCGGCCCTTATCTTTGCGCCAGCAGCCCCGAA GAAGCAGTTAGCACTGAAGCTTTCTTTGGACAA	0.0	38.528	-	11.324
ACCCTGCAGCCAGAAGACTCGGCCCTGTATCTCTGTGCCAGCAGCCCCCGACA GGCGAATCGAACTATGGCTACACCTTCGGTTCG	0.0	77.056	-	64.170
ACAGTGACCAGTGCCCATCCTGAAGACAGCAGCTTCTACATCTGCAGTGCTAGG GAGGAAAGGGATGAAAACTGTTTTTGGCAGT	0.0	19.264	-	26.423
ACAGTGACCAGTGCCCATCCTGAAGACAGCAGCTTCTACATCTGCAGTGCTAGA GAGGACAGGGAGGAAAACTGTTTTTGGCAGT	0.0	19.264	-	3.775
ACAGCACTGATTTCTGTGCCAGCAGCAAAGCGCTTTTGGCAATCTGGAGACTA GCGGGAGGGCTCCATGAGCAGTTCTTCGGGCCA	0.0	19.264	-	11.324
AATGTGAACGCCTTGTTGCTGGGGGACTCGGCCCTGTATCTCTGTGCCAGCACC CCGGACCTCAATCAGCCCCAGCATTTTGGTGAT	0.0	38.528	-	37.747
TTGGAGCTGGGGGACTCGGCCCTTATCTTTGCGCCAGCAGCTTGAGGAAGCA AGCGGGAAACGCAATGAGCAGTTCTTCGGGCCA	0.0	0.0	-	11.324
TTGGAGCTGGAGGACTCGGCCCTGTATCTCTGTGCCAGCAGCTTGAAGTCCAGT AGGCTAGGCCAAGAGACCCAGTACTTCGGGCCA	0.0	0.0	-	3.775
TCCACTCTGACAGTGACCAGTGCCCATCCTGAAGACAGCAGCTTCTACATCTGCA GTGCTTGGTTCGGATGAGCAGTTCTTCGGGCCA	0.0	0.0	-	7.549
NNNNNNNNNNNNNTGTCGGCTGCTCCCTCCAGACATCTGTGTACTTCTGTGC CAGCAGTAACTCCTACGAGCAGTACTTCGGGCCG	0.0	0.0	-	7.549
NNNNNNNNNNNNNTGTCGGCTGCTCCCTCCAGACATCTGTGTACTTCTGTGC CAGCACATCCGGGACGGCCTACACCTTCGGTTCG	0.0	0.0	-	15.100
GTGAGCACCTTGGAGCTGGGGGACTCGGCCCTTATCTTTGCGCCAGCAGCTTG GATGGGTACGGGCAGCCCCAGCATTTTGGTGAT	0.0	0.0	-	11.324
GTGAGCAACATGAGCCCTGAAGACAGCAGCATATATCTCTGCAGCGTTATACCG ACAGCAACTAATGAAAACTGTTTTTGGCAGT	0.0	0.0	-	37.747
GTGACCAGTGCCCATCCTGAAGACAGCAGCTTCTACATCTGCAGTGGCACTGAG GTTCTTTCCATTTACGAGCAGTACTTCGGGCCG	0.0	0.0	-	3.775
GTGACCAGTGCCCATCCTGAAGACAGCAGCTTCTACATCTGCAGTGCGCATGAC AGCGGTGGTAATGAAAACTGTTTTTGGCAGT	0.0	0.0	-	7.549
GTGACATCGGCCCAAAGAACCCGACAGCTTTCTATCTCTGTGCCAGTAGTATTG AGACACCGACCTACGAGCAGTACTTCGGGCCG	0.0	0.0	-	3.775
GTGAACGCCTTGGAGCTGGACGACTCGGCCCTGTATCTCTGTGCCAGCAGCTTG	0.0	38.528	-	0.0

GCGGGGAATTATTCGTCCTGACTTTCGGGGCC				
GCTGTACCTCTCAGACATCTGTGACTTCTGTGCCAGCACTATAAGAGGAGGA CAGGGGTCTGACTGAAGCTTCTTTGGACAA	0.0	0.0	-	18.874
GCCCTGCAGCCAGAAGACTCAGCCCTGTATCTCTGCGCCAGCAGCCAAGGGCG GACAGGGAGATCCTACGAGCAGTACTTCGGGCCG	0.0	38.528	-	0.0
GAGGATTCTGGAGTTTATTTCTGTGCCAGCAGCCAAGAAACCGGGACAGGGCTC CGCTCTGGGGCCAACGTCCTGACTTTCGGGGCC	0.0	0.0	-	11.324
CTGGAGTTGGCTGCTCCCTCCAGACATCTGTGACTTCTGTGCCAGCGGTTTAC AGTCGAACACCGGGGAGCTGTTTTTTGGAGAA	0.0	0.0	-	18.874
CTGGAGTCGCCAGCCCCAACCCAGACCTCTCTGACTTCTGTGCCAGCAGCTTCT GGGGAGGACAAGAGACCCAGTACTTCGGGGCCA	0.0	0.0	-	11.324
CTGATTCTGGAGTCCGCCAGCACCAACCAGACATCTATGTACCTCTGTGCCAGCA GTTTGGCGACGGGGGAGCAGTACTTCGGGGCCG	0.0	0.0	-	3.775
CTGACAGTGACCAGTGCCCATCCTGAAGACAGCAGCTTCTACATCTGCAGTGTA CAGGCGGACACCGGGGAGCTGTTTTTTGGAGAA	0.0	0.0	-	3.775
CTGACAGTGACCAGTGCCCATCCTGAAGACAGCAGCTTCTACATCTGCAGTGCC TGGACAGCCATGGACGAGCAGTACTTCGGGGCCG	0.0	0.0	-	3.775
CCCTCAGAACCAGGGACTCAGCTGTGACTTCTGTGCCAGCAGTAATCCGGGA CAGGGTATATTCCAGCCCAGCATTTTGGTGAT	0.0	0.0	-	7.549
ATCCCAACCAGACAGCTTTTACTTCTGTGCCACCAGTGCCCATAGAGGGACA GGGATCGGTTACAATGAGCAGTCTTCGGGGCCA	0.0	0.0	-	7.549
ATCCAGCCCTCAGAACCAGGGACTCAGCTGTGACTTCTGTGCCAGCAGAAGT GGGAGCCCTTCTCGAGAGCAGTACTTCGGGGCCG	0.0	0.0	-	3.775
AGCACCTTGGAGCTGGGGGACTCGGCCCTTTATCTTTCGCCAGCAGCCTGGAC GGGGATTGGGATTCACCCCTCACTTTGGGAAC	0.0	0.0	-	3.775
ACTGTGACATCGGCCAAAAGAACCCGACAGCTTCTATCTCTGTGCCAGTCAA GACAGACTGAACACTGAAGCTTCTTTGGACAA	0.0	0.0	-	3.775
ACAGTGACCAGTGCCCATCCTGAAGACAGCAGCTTCTACATCTGCAGTGCTAGG GAGGACAGGGAGGAAAAACTGTTTTTTGGCAGT	0.0	0.0	-	3.775
ACAGTGACCAGTGCCCATCCTGAAGACAGCAGCTTCTACATCTGCAGTGCTAGA CGGGAGAGAGATGAAAAACTGTTTTTTGGCAGT	0.0	0.0	-	15.100
ACAGAGCAGGAGGACTCGGCCGTGTATCTCTGTGCCAGCAGCGAGACAGGGGC CGTTGCAACTAATGAAAAACTGTTTTTTGGCAGT	0.0	0.0	-	3.775
AAGATCCAGCGCACAGAGCGGGGGACTCAGCCGTGTATCTCTGTGCCAGCAG	0.0	0.0	-	7.549

	CTTAAAAGGGGGACAGGACTGTTCTTCGGGCCA				
	AACGCCTTGGAGCTGGACGACTCGGCCCTGTATCTCTGTGCCAGCAGCGTGACA GGGGAGCTTGATGAAAACTGTTTTTGGCAGT	0.0	0.0	-	11.324
4	NNNNTGTCGGCTGCTCCCTCCAGACATCTGTGTACTTCTGTGCCAGCAGGGAC CCCGGGGGAATGAAAACTGTTTTTGGCAGT	0.0	714.300	-	0.0
	GTGAGCACCTTGGAGCTGGGGGACTCGGCCCTTATCTTTGCGCCAGCAGGATA GACCTGAATTACAATGAGCAGTTCTTCGGGCCA	0.0	2142.900	-	0.0
	CACACCCTGCAGCCAGAAGACTCGGCCCTGTATCTCTGTGCCAGCAGCCAAGGG GCCAGGTGGGGGAAAACTGTTTTTGGCAGT	0.0	0.0	-	1754.400
	NNNNNNNTGTCGGCTGCTCCCTCCAGACATCTGTGTACTTCTGTGCCAGCAGT TACGTTGGGGCCGGGAGCTGTTTTTGGAGAA	0.0	0.0	-	3508.800
	CCGACAGCTTCTATCTCTGTGCCAGTAGTATGTACGGTAGAGGGGCGGAGGCA AACTTATACTATTATGGCTACACCTTCGGTTCG	0.0	0.0	-	1754.400
	GTGAGCACCTTGGAGCTGGGGGACTCGGCCCTTATCTTTGCGCCAGCAGCTTG GAGGAGGCTAACTATGGCTACACCTTCGGTTCG	0.0	0.0	-	1754.400

- No evaluable tumor samples.