

Supplemental Table 8 – Total number of productive rearrangements, total productive templates, productive Simpson clonality, fraction of T cells of all nucleated cells, fraction of viTILs of all T cells, fraction of viTILs of all nucleated cells, in tumor

Clinical Trial	Patient	Day of Tumor Sample	Total Productive Rearrangements	Total Productive Templates	Productive Simpson Clonality	Fraction of T Cells of Nucleated Cells	Fraction of viTILs of T Cells	Fraction of viTILs of Nucleated Cells
Mel51	1	1	24	29	0.2208	-	0.0	-
		22	7	7	0.3780	-	0.0	-
		24	20,556	170,735	0.0865	0.2996	0.02270	0.00485
	2	1	384	436	0.0547	0.0059	0.0	0.0
		22	383	423	0.0547	0.0037	0.01182	0.01992
		24 (-IFN γ)	1,297	1,712	0.0371	0.0025	0.00818	0.00186
		24 (+IFN γ)	5,886	8,482	0.0248	0.0417	0.01332	0.00996
	3	1	311	759	0.2115	0.1571	0.0	0.0
		22	1,360	5,191	0.1893	0.2687	0.00655	0.04122
		24	3,171	26,492	0.2637	0.4284	0.00634	0.01202
	4	1	26	27	0.1995	0.0215	0.0	0.0
		22	113	140	0.1045	0.0054	0.02857	0.21517
24		54	57	0.1393	0.0067	0.08772	-	
Mel53	5	1	23	24	0.2125	0.0058	0.0	0.0
		22	1,736	4,078	0.1898	0.5780	0.00172	0.03434
		43	2,860	16,138	0.1742	0.4989	0.00149	0.00602
	6	1	1,305	1,722	0.0431	0.0789	0.0	0.0
		22 (-Imiquimod)	13	14	0.2857	-	0.0	0.0
		22 (+Imiquimod)	12,745	36,477	0.1060	0.3165	0.03145	0.03595
		43	856	1,268	0.0755	0.5608	0.01420	-

- Not evaluable.