

Table 1 A table of INF- γ secretion (pg/ml) in response to HLA matched and mismatched cell lines and to T2 cell pulsed with peptide recognized by the transduced TCR

		Melanoma Cell Lines		T2 cells pulsed with peptide (μ M/ml)						
		938	624	Irrelevant Peptide		Specific Peptide				
TCR	Bioreactor	A2-	A2+	1.0	1.0	0.1	0.01	0.001	0.0001	
NY-ESO	Patient 1	Static Bags	40	19300	44	>126650	45600	5095	1080	136
		Wave	68	46950	128	>182100	83200	23350	2770	646
	Patient 2	Static Bags	345	39700	694	>241000	52250	4195	985	339
		Wave	410	40700	1876	>219650	58400	8650	2374	1302
	Patient 3	Static Bags	79	>31250	84	>84800	23850	2425	242	40
		Wave	78	>30150	120	>83000	31500	4830	534	139
	Patient 4	Static Bags	16	4725	27	11045	1075	166	45	29
		Wave	18	5770	43	12445	1610	236	54	33
	Patient 5	Static Bags	7	11780	855	>113300	25555	2635	1346	14
		Wave	1201	16140	147	>125300	63400	8230	469	177
	Patient 6	Static Bags	129	3505	105	9535	1080	147	40	12
		Wave	36	4000	99	26950	2560	315	118	80
	Patient 7	Static Bags	23	6565	40	24750	3445	818	393	159
		Wave	78	3550	290	>45100	6240	911	441	204
MART-1	Patient 8	Static Bags	98	>77225	160	>58200	11480	1375	544	NA
		Wave	148	91625	547	62200	20875	3630	1510	NA
	Patient 9	Static Bags	12	66500	30	>180600	93700	370	490	NA
		Wave	65	>162700	197	>260700	>154600	3000	2897	NA
gp154	Patient 10	Static Bags	18	32950	22	NA	4360	2600	739	479
		Wave	18	42650	55	NA	8075	5290	1785	684