

**Supplementary Table 1. Immune Response Patient Summary**

Subject #	Age	CD4		CD8		Complement Fixing IgG
		ELISPOT	IVS	Peptide	Tumor	
08102-01	44	+	-	-	-	ND
08102-02	64	+	+	+	+	+
08102-03	48	+	+	+	+	+
08102-04	67	+	+	+	+	-
08102-05	45	+	+	N/A*	N/A*	+
08102-06	45	+	+	+	+	-
08102-08	55	+	+	N/A*	N/A*	-
08102-09	53	+	+	-	-	+
08102-10	48	ND	+	+	+	+
08102-11	51	+	+	+	+	+
08102-12	58	+	+	+	+	ND
08102-13	43	-	-	N/A*	N/A*	ND
08102-14	38	ND	-	+	+	ND

\*non-HLA-A2; ND- not done; (+) Positive assay for each test as indicated in the Materials and Methods

ELISPOT- Unstimulated CD4+ T cells cultured with HER-2/neu pulsed DC. IFN- $\gamma$  spots measured

IVS- CD4+ T cells first cultured once with HER-2/neu pulsed DC then tested against peptide pulsed monocytes. Results shown for IFN- $\gamma$  ELISA.

Peptide- CD8+ T cells tested against T2 cells pulsed with HER-2/neu 369-377 or 689-697 peptides. Results for IFN- $\gamma$ .

Tumor- CD8+ T cells tested against HER-2/neu expressing tumor cells. Results for IFN- $\gamma$ .