

Supplementary Information 3. Summary of the number of identified somatic mutations, pred

			Pt1
Total mutations			179
	Non-NeoORF	Missense_Mutation	84
		In_Frame_InDel	3
	NeoORF	Frame_Shift_InDel	1
	Other		91
Mutations with more than 1 binder			47
	Non-NeoORF	Missense_Mutation	47
		In_Frame_InDel	0
	NeoORF	Frame_Shift_InDel	0
Binders predicted (binding affinity <500nM)			107
	Non-NeoORF	Missense_Mutation	107
		In_Frame_InDel	0
	NeoORF	Frame_Shift_InDel	0
HLA predicted epitopes after filtering			60
Number of peptides included in vaccine			13

lected HLA binders and synthesized immunizing peptides for Patients 1-10

Pt2	Pt3	Pt4	Pt5	Pt6	Pt7	Pt8	Pt9	Pt10
1,887	820	1,995	728	3,920	953	489	51	70
960	395	1,036	350	1,864	523	240	32	27
0	0	0	1	3	0	1	1	0
14	0	3	3	12	1	2	0	0
913	425	956	374	2,041	429	246	18	43
273	221	530	181	560	265	146	5	10
267	221	528	180	554	265	146	5	10
0	0	0	1	1	0	0	0	0
6	0	2	0	5	0	0	0	0
399	495	1,099	439	856	517	302	7	19
384	495	1,088	438	846	517	302	7	19
0	0	0	1	1	0	0	0	0
15	0	11	0	9	0	0	0	0
220	91	388	152	293	71	79	NA	NA
17	14	14	20	20	17	14	NA	NA