Well No. / HLA-A allele[1,2,3]	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	Well No. / HLA-A allele[1,2,3]
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Well No.										1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	3	3	3
HLA-A allele[1,2,3]	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2
Well No.										1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	3	3	3
HLA-A allele[1,2,3]	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2
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Well No.	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	5	5	5	5	5	5	5	5	5	5	6	6	6	6	6
HLA-A allele[1,2,3]	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4
Well No.	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	5	5	5	5	5	5	5	5	5	5	6	6	6	6	6
HLA-A allele[1,2,3]	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4
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Well No.	6	6	6	6	6	7	7	7	7	7	7	7	7	7	7	8	8	8	8	8	8	8	8	8	8	9	9	9	9	9	9	9	**Well No.**
HLA-A allele[1,2,3]	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	**HLA-A allele[1,2,3]**
Well No.	6	6	6	6	6	7	7	7	7	7	7	7	7	7	7	8	8	8	8	8	8	8	8	8	8	9	9	9	9	9	9	9	**Well No.**
HLA-A allele[1,2,3]	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	**HLA-A allele[1,2,3]**
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***24:64**	+						+			+			+						+																																								+																																											***24:64**
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*24:67	+		+		+		+			+			+						+							+																					+																																																										*24:67
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*24:69	+		+		+		+			+			+						+																																											+																																								*24:69
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HLA-A allele[1,2,3]	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	**HLA-A allele[1,2,3]**
Well No.										1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	5	5	5	5	5	5	5	5	5	5	6	6	6	6	6	6	6	6	6	6	7	7	7	7	7	7	7	7	7	7	8	8	8	8	8	8	8	8	8	8	9	9	9	9	9	9	9	**Well No.**
HLA-A allele[1,2,3]	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	**HLA-A allele[1,2,3]**
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***24:90N**	+		+		+		+			+			+						+																																																		+																																				***24:90N**
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***24:97**	+		+		+		+			+			+						+																																																																						+																				***24:97**
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***24:108**	+		+		+		+						+						+																																																																								+								***24:108**
*24:109	+		+		+			+		+			+		+				+												+																																																													*24:109
***24:110**	+		+		+		+			+									+																																																																						+										***24:110**
*24:112	+		+		+		+		+				+						+																																																																								+				+				*24:112
***24:113**	+		+		+		+			+			+						+																													+																																															***24:113**
*24:114	+						+			+			+						+																																																											+																				*24:114
***24:115, 24:234**[4]	+		+		+		+			+			+						+																																																																										+							***24:115, 24:234**[4]
*24:116	+		+		+		+			+			+						+																																																																								+									*24:116
***24:118**	+		+		+								+						+																						+																																																					***24:118**
Well No.										1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	5	5	5	5	5	5	5	5	5	5	6	6	6	6	6	6	6	6	6	6	7	7	7	7	7	7	7	7	7	7	8	8	8	8	8	8	8	8	8	8	9	9	9	9	9	9	9	**Well No.**
HLA-A allele[1,2,3]	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	**HLA-A allele[1,2,3]**
Well No.										1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	5	5	5	5	5	5	5	5	5	5	6	6	6	6	6	6	6	6	6	6	7	7	7	7	7	7	7	7	7	7	8	8	8	8	8	8	8	8	8	8	9	9	9	9	9	9	9	**Well No.**
HLA-A allele[1,2,3]	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	**HLA-A allele[1,2,3]**
*24:120	+		+		+		+			+			+						+																									+																																	+																				*24:120
***24:122**	+		+		+		+			+			+						+																																																												+																						***24:122**
***24:123**	+		+		+		+			+			+						+																															+																																													***24:123**
*24:124	+		+		+		+			+			+						+																	+																																+																															*24:124
*24:125	+	+	+		+		+			+									+																																																																				+															*24:125
*24:127	+		+		+		+			+			+						+																																										+		+																																			*24:127
***24:129**	+		+		+					+			+						+												+																																																													***24:129**
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*24:131	+		+		+		+		+				+						+																																																						+																+								*24:131
***24:132N**	+		+		+		+			+			+						+																									+				+																																															***24:132N**
*24:133	+				+		+			+			+						+																																																																				+															*24:133
***24:135:01-**24:135:02	+		+		+		+			+			+						+																																																																										+						***24:135:01-**24:135:02
***24:137**	+		+		+		+			+			+						+																			+																																															+									***24:137**
***24:138**	+	+		+			+			+									+																																																										+				+																***24:138**
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*24:141	+		+		+		+			+			+						+																																														+							+																										*24:141
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*24:143	+		+		+		+			+			+						+																																										+									+																										*24:143
*24:144	+		+		+		+			+			+						+																																																																							+					*24:144
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*24:155N	+		+		+		+			+			+						+									+	+																																																													*24:155N

																																																																																															Negative	
*24:158N |+| |+| |+| |+|	|+|							|+|																																	|+|																																																				*24:158N
***24:159** |+| |+| |+| |+|	|+|	|+|				|+|																						|+|				|+|																																																															***24:159**
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***24:167**	+	+		+	+		+			+									+																																																												+																									***24:167**
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***24:180**	+		+		+		+			+			+						+																																																									+	+																								***24:180**
***24:182**	+		+		+		+			+			+						+																																																														+								+															***24:182**
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***24:184**			+		+		+			+			+						+																																																						+																														***24:184**
*24:185N	+		+		+		+			+			+						+																						+																																																			+										*24:185N
***24:188**	+			+			+			+			+						+							+																																																+																									***24:188**
***24:192**	+		+		+		+			+			+						+																	+																																																						+									***24:192**
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***24:196**	+		+		+		+			+			+						+																																															+							+																									***24:196**
***24:197**	+		+		+		+			+			+						+																																																								+													+												***24:197**
*24:199	+		+			+	+			+			+						+																																																						+																													*24:199
*24:204 |+|+|+|+|+| |+|	|+|							|+|					|+|																																																																																*24:204
***24:206**	+		+		+		+			+			+						+																																																																									+				+			***24:206**
Well No.										1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	5	5	5	5	5	5	5	5	5	5	6	6	6	6	6	6	6	6	6	6	7	7	7	7	7	7	7	7	7	7	8	8	8	8	8	8	8	8	8	8	9	9	9	9	9	9	9	**Well No.**
HLA-A allele[1,2,3]	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	**HLA-A allele[1,2,3]**
Well No.										1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	5	5	5	5	5	5	5	5	5	5	6	6	6	6	6	6	6	6	6	6	7	7	7	7	7	7	7	7	7	7	8	8	8	8	8	8	8	8	8	8	9	9	9	9	9	9	9	**Well No.**
HLA-A allele[1,2,3]	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	**HLA-A allele[1,2,3]**
***24:207** |+|+| |+|+| |+|	|+|							|+|					|+|																																																																																		***24:207**
*24:208	+		+		+		+			+						+			+											+																																																											+														*24:208
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*24:213 |+| |+|+|+| |+|	|+|	|+|				|+|					|+|																																																																																		*24:213
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***24:220**	+		+		+		+			+			+						+																															+																														+																					***24:220**
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*01:04N																				+												+											+																																																						*01:04N
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*01:134																						+									+											+																																																						*01:134
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Well No.									1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	5	5	5	5	5	5	5	5	5	5	6	6	6	6	6	6	6	6	6	6	7	7	7	7	7	7	7	7	7	7	8	8	8	8	8	8	8	8	8	8	9	9	9	9	9	9	9	**Well No.**
HLA-A allele[1,2,3]	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	**HLA-A allele[1,2,3]**
Well No.									1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	5	5	5	5	5	5	5	5	5	5	6	6	6	6	6	6	6	6	6	6	7	7	7	7	7	7	7	7	7	7	8	8	8	8	8	8	8	8	8	8	9	9	9	9	9	9	9	**Well No.**
HLA-A allele[1,2,3]	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	**HLA-A allele[1,2,3]**
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*02:17:01-02:17:03		+		+	w					+															+																																																+																								*02:17:01-02:17:03
*02:19, 02:36-02:37, 02:54, 02:255, 02:417														+																															+																								w									+																				*02:19, 02:36-02:37, 02:54, 02:255, 02:417
*02:46, 02:48, 02:70																+											+																																																																						*02:46, 02:48, 02:70
*02:50, 02:122, 68:15																						+																							+																																+																					*02:50, 02:122, 68:15

HLA-A allele[1,2,3]	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48
*02:73, 02:156, 11:119:01-11:119:02, 26:10, 32:28, 68:02:01:01-68:02:05, 68:18N, 68:25, 68:27:01-68:28, 68:31, 68:34, 68:40, 68:48-68:49N, 68:51, 68:53-68:54, 68:60-68:62, 68:64, 68:67, 68:74, 68:77-68:78, 68:80-68:82, 68:86, 68:97																																													+		
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*02:76:02											+												+	+					+																			
*02:88N																																																
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HLA-A allele[1,2,3]	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96 Negative Control
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HLA-A allele[1,2,3]	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	HLA-A allele[1,2,3]
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*03:72, 11:88, 30:01:01-30:01:07, 30:11:01-30:11:02, 30:14L-30:20, 30:23-30:26, 30:30-30:31, 30:35-30:43, 30:48-30:49, 30:52-30:54, 30:56, 30:58-30:60, 30:62-30:63, 30:65, 30:72-30:73N, 30:78N									+															+																																																																											*03:72, 11:88, 30:01:01-30:01:07, 30:11:01-30:11:02, 30:14L-30:20, 30:23-30:26, 30:30-30:31, 30:35-30:43, 30:48-30:49, 30:52-30:54, 30:56, 30:58-30:60, 30:62-30:63, 30:65, 30:72-30:73N, 30:78N
*03:170, *B*18:38, B*40:197, B*57:68*																																																															+																																					*03:170, *B*18:38, B*40:197, B*57:68*
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*23:01:01-23:01:11, 23:06, 23:08N-23:09, 23:11N, 23:15-23:21, 23:23, 23:25-23:26, 23:30, 23:32-23:33, 23:35, 23:37:01-23:37:02, 23:39-23:42, 23:44, 23:48-23:50, 23:52, 23:54, 23:56, 23:58-23:60	+			+		+	+			+			+						+						+																							+																																																Negative Control	*23:01:01-23:01:11, 23:06, 23:08N-23:09, 23:11N, 23:15-23:21, 23:23, 23:25-23:26, 23:30, 23:32-23:33, 23:35, 23:37:01-23:37:02, 23:39-23:42, 23:44, 23:48-23:50, 23:52, 23:54, 23:56, 23:58-23:60
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Well No.										1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	5	5	5	5	5	5	5	5	5	5	6	6	6	6	6	6	6	6	6	6	7	7	7	7	7	7	7	7	7	7	8	8	8	8	8	8	8	8	8	8	9	9	9	9	9	9	9	**Well No.**
HLA-A allele[1,2,3]	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	**HLA-A allele[1,2,3]**
Well No.										1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	5	5	5	5	5	5	5	5	5	5	6	6	6	6	6	6	6	6	6	6	7	7	7	7	7	7	7	7	7	7	8	8	8	8	8	8	8	8	8	8	9	9	9	9	9	9	9	**Well No.**
HLA-A allele[1,2,3]	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	**HLA-A allele[1,2,3]**
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*29:37									+															+							+																																																																					*29:37
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*30:57|																						|+|					|+|																																																																			|*30:57
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*30:75|							|+|													|+|																		|+|												|+|																																														|*30:75
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*68:26, 68:65													+																															+																																		+																			*68:26, 68:65
*68:45									+															+																		+																																								+																			*68:45
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*B*18:27*		+				+																		+					+																		+	+																											+																					*B*18:27*
*B*44:63*																																																																																												w				*B*44:63*
*B*51:129*																																																																																				+				+				*B*51:129*
*C*04:81*																																										+												+																																																		*C*04:81*
*C*12:37*																																														+											+																																																*C*12:37*
Well No.										1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	5	5	5	5	5	5	5	5	5	5	6	6	6	6	6	6	6	6	6	6	7	7	7	7	7	7	7	7	7	7	8	8	8	8	8	8	8	8	8	8	9	9	9	9	9	9	9	**Well No.**
HLA-A allele[1,2,3]	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	**HLA-A allele[1,2,3]**