



Confirmatory HLA (UPENN)*

Class 1	Α	03:01	30:02	Class II	DRB1	01:02	11:02
	В	45:01	49:01		DRB3	02:02	
	С	07:02	16:01		DRB4		
					DRB5		
					DQB1	03:19	05:01
					DQA1	01:01	05:05
					DPB1	04:01	18:01
					DPA1	01:03	

^{*}HLA typing performed using NGS