



Confirmatory HLA (UPENN)*

Class 1	Α	02:01	31:01	Class II	DRB1	08:02	11:01
	В	40:05	51:01		DRB3	02:02	
	С	02:02	03:04		DRB4		
					DRB5		
					DQB1	03:01	
					DQA1	05:03	05:05
					DPB1	04:01	04:02
					DPA1	01:03	

^{*}HLA typing performed using NGS