



Confirmatory HLA (UPENN)*

Class 1	Α	02:01	24:02	Class II	DRB1	04:04	07:01
	В	13:02	40:01		DRB3		
	С	03:04	06:02		DRB4	01:03	
					DRB5		
					DQB1	02:02	03:02
					DQA1	02:01	03:01
					DPB1	04:02	104:01
					DPA1	01:03	

^{*}HLA typing performed using NGS