



Confirmatory HLA (UPENN)*

Class 1	Α	02:01	11:01	Class II	DRB1	14:54	07:01
	В	51:01			DRB3	02:02	
	С	15:02	16:01		DRB4		01:03
					DRB5		
					DQB1	02:02	05:03
					DQA1	01:04	02:01
					DPB1	01:01	04:01
					DPA1	01:03	02:01

^{*}HLA typing performed using NGS