



## Confirmatory HLA (UPENN)\*

Class 1	Α	24:02	24:03	Class II	DRB1	13:02	07:01
	В	15:17	44:03		DRB3	03:01	
	С	07:01	16.01		DRB4		01:01
					DRB5		
					DQB1	02:02	06:04
					DQA1	01:02	02:01
					DPB1	10:01	14:01
					DPA1	02:01	

<sup>\*</sup>HLA typing performed using NGS